

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\VX111418\  
 Data File : VX005993.D  
 Acq On : 15 Nov 2018 00:34  
 Operator : JC/MD  
 Sample : VX1114WBS02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1114WBS02

Manual Integrations  
 APPROVED

MMDadoda  
 11/15/2018 1:03:58 PM

Quant Time: Nov 15 06:26:41 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X110718W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 07 14:40:53 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.66  | 168  | 125413   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 169030   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 152274   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 82549    | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.06   | 65  | 65537    | 45.46 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 90.92%  |      |
| 35) Dibromofluoromethane  | 5.51   | 113 | 55329    | 48.13 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.26%  |      |
| 50) Toluene-d8            | 8.71   | 98  | 189696   | 49.63 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.26%  |      |
| 62) 4-Bromofluorobenzene  | 11.14  | 95  | 69674    | 50.70 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.40% |      |

## Target Compounds

|                               |      |     |        |        |      | Qvalue |
|-------------------------------|------|-----|--------|--------|------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 18980  | 16.79  | ug/l | 86     |
| 3) Chloromethane              | 1.32 | 50  | 26375  | 17.77  | ug/l | 98     |
| 4) Vinyl Chloride             | 1.41 | 62  | 25857  | 17.36  | ug/l | 100    |
| 5) Bromomethane               | 1.64 | 94  | 15818  | 17.35  | ug/l | 98     |
| 6) Chloroethane               | 1.72 | 64  | 17004  | 19.13  | ug/l | 100    |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 36425  | 18.42  | ug/l | 99     |
| 8) Diethyl Ether              | 2.19 | 74  | 14982  | 19.34  | ug/l | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101 | 21167  | 18.61  | ug/l | 94     |
| 10) Methyl Iodide             | 2.51 | 142 | 23255  | 16.87  | ug/l | 97     |
| 11) Tert butyl alcohol        | 3.07 | 59  | 38480  | 93.17  | ug/l | 100    |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 20402  | 18.40  | ug/l | 89     |
| 13) Acrolein                  | 2.29 | 56  | 25883  | 140.52 | ug/l | 97     |
| 14) Allyl chloride            | 2.73 | 41  | 47309  | 19.11  | ug/l | 97     |
| 15) Acrylonitrile             | 3.15 | 53  | 88397  | 103.27 | ug/l | 95     |
| 16) Acetone                   | 2.45 | 43  | 72540  | 93.44  | ug/l | 100    |
| 17) Carbon Disulfide          | 2.57 | 76  | 56795  | 17.18  | ug/l | 95     |
| 18) Methyl Acetate            | 2.78 | 43  | 44924  | 20.73  | ug/l | 98     |
| 19) Methyl tert-butyl Ether   | 3.20 | 73  | 75093  | 19.85  | ug/l | 99     |
| 20) Methylene Chloride        | 2.85 | 84  | 23950  | 18.78  | ug/l | 92     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96  | 21982  | 18.80  | ug/l | 90     |
| 22) Diisopropyl ether         | 3.87 | 45  | 86532  | 19.95  | ug/l | # 97   |
| 23) Vinyl Acetate             | 3.82 | 43  | 352208 | 94.72  | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 45243  | 19.55  | ug/l | 99     |
| 25) 2-Butanone                | 4.70 | 43  | 117263 | 96.08  | ug/l | 95     |
| 26) 2,2-Dichloropropane       | 4.59 | 77  | 27663  | 16.30  | ug/l | 97     |
| 27) cis-1,2-Dichloroethene    | 4.59 | 96  | 25473  | 19.73  | ug/l | 97     |
| 28) Bromochloromethane        | 5.01 | 49  | 20745  | 20.06  | ug/l | 95     |
| 29) Tetrahydrofuran           | 5.15 | 42  | 75582  | 96.45  | ug/l | 97     |
| 30) Chloroform                | 5.21 | 83  | 45975  | 20.59  | ug/l | 94     |
| 31) Cyclohexane               | 5.58 | 56  | 35759  | 17.80  | ug/l | 92     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97  | 33744  | 18.12  | ug/l | 97     |
| 36) 1,1-Dichloropropene       | 5.80 | 75  | 28388  | 17.42  | ug/l | 98     |
| 37) Ethyl Acetate             | 4.85 | 43  | 41389  | 19.32  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 5.78 | 117 | 28600  | 17.53  | ug/l | 97     |

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 Sample : VX1114WBS02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VX1114WBS02

Manual Integrations  
 APPROVED

MMDadoda  
 11/15/2018 1:03:58 PM

Quant Time: Nov 15 06:26:41 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X110718W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 07 14:40:53 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 29331    | 17.76  | ug/l   | 96       |
| 40) Benzene                    | 6.14  | 78   | 93423    | 19.67  | ug/l   | 95       |
| 41) Methacrylonitrile          | 5.06  | 41   | 22966    | 19.83  | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 32588    | 19.15  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 6.46  | 43   | 58227    | 18.75  | ug/l   | 98       |
| 44) Trichloroethene            | 7.21  | 130  | 22896    | 18.98  | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 23698    | 20.55  | ug/l   | 99       |
| 46) Dibromomethane             | 7.66  | 93   | 14862    | 20.54  | ug/l   | 97       |
| 47) Bromodichloromethane       | 7.90  | 83   | 28026    | 20.50  | ug/l   | 97       |
| 48) Methyl methacrylate        | 7.77  | 41   | 28959    | 20.77  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 7.75  | 88   | 12159    | 404.72 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 196494   | 100.41 | ug/l   | 99       |
| 52) Toluene                    | 8.79  | 92   | 52281    | 19.69  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 29911    | 18.54  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 8.44  | 75   | 32666    | 19.86  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 9.22  | 97   | 22053    | 18.64  | ug/l   | 95       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 32780    | 18.52  | ug/l   | 100      |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 36735    | 18.47  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 94884    | 103.38 | ug/l   | 98       |
| 59) 2-Hexanone                 | 9.49  | 43   | 153539   | 89.01  | ug/l   | 99       |
| 60) Dibromochloromethane       | 9.58  | 129  | 22452    | 17.56  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 22848    | 17.46  | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.34  | 164  | 23940    | 18.47  | ug/l   | 98       |
| 65) Chlorobenzene              | 10.14 | 112  | 58745    | 19.26  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 21053    | 19.85  | ug/l   | 98       |
| 67) Ethyl Benzene              | 10.25 | 91   | 98690    | 20.18  | ug/l   | 100      |
| 68) m/p-Xylenes                | 10.36 | 106  | 75144    | 40.27  | ug/l   | 99       |
| 69) o-Xylene                   | 10.70 | 106  | 35858    | 21.43  | ug/l   | 98       |
| 70) Styrene                    | 10.71 | 104  | 60527    | 21.93  | ug/l   | 99       |
| 71) Bromoform                  | 10.86 | 173  | 18066    | 20.32  | ug/l # | 100      |
| 73) Isopropylbenzene           | 11.02 | 105  | 101117   | 21.18  | ug/l   | 100      |
| 74) N-amyl acetate             | 10.90 | 43   | 48755    | 19.00  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 35319    | 20.16  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 34342m   | 20.43  | ug/l   |          |
| 77) Bromobenzene               | 11.26 | 156  | 26647    | 19.80  | ug/l   | 99       |
| 78) n-propylbenzene            | 11.36 | 91   | 113155   | 20.11  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 69082    | 20.31  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 83823    | 20.66  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 9817     | 18.61  | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 81209    | 20.26  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 81393    | 19.83  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 85949    | 19.12  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.94 | 105  | 99296    | 19.79  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 87669    | 19.72  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 48895    | 18.94  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 49648    | 18.78  | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.39 | 91   | 73220    | 17.77  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.60 | 117  | 14477    | 19.51  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 49399    | 19.10  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 8349     | 19.53  | ug/l   | 97       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\VX111418\  
Data File : VX005993.D  
Acq On : 15 Nov 2018 00:34  
Operator : JC/MD  
Sample : VX1114WBS02  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1114WBS02

Manual Integrations  
APPROVED

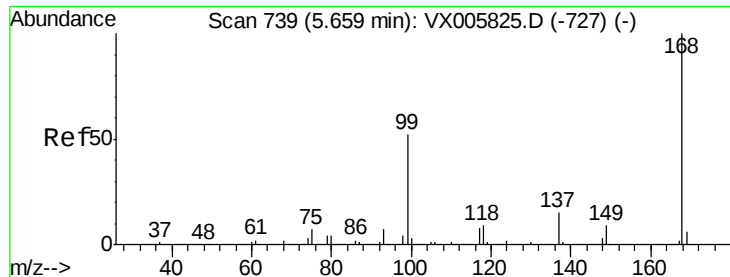
MMDadoda  
11/15/2018 1:03:58 PM

Quant Time: Nov 15 06:26:41 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X110718W.M  
Quant Title : SW846 8260  
QLast Update : Wed Nov 07 14:40:53 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 34102    | 18.73 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 16327    | 17.07 | ug/l  | 99       |
| 95) Naphthalene            | 13.83 | 128  | 106244   | 18.65 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 35520    | 19.15 | ug/l  | 100      |

(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

Instrument :

MSVOA\_X

ClientSampleId :

VX1114WBS02

Tgt Ion:168 Resp: 125413

Ion Ratio Lower Upper

168 100

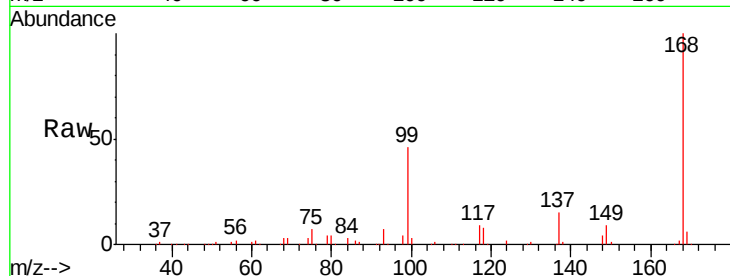
99 46.4 40.7 61.1

Manual Integrations

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11/15/2018 1:03:58 PM

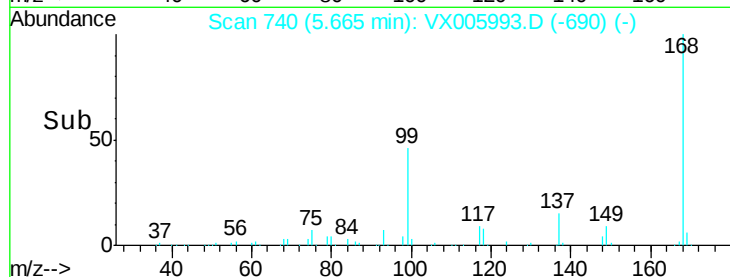


Abundance Ion 167.90 (167.60 to 168.60): V

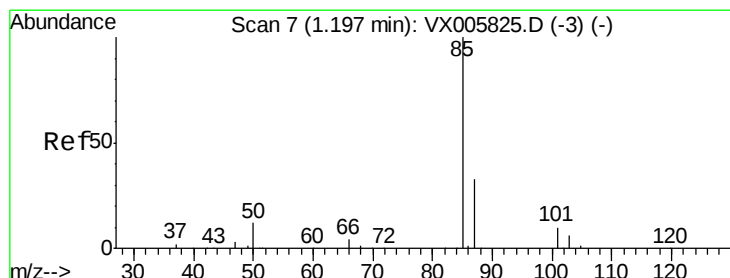
Ion 98.90 (98.60 to 99.60): VX0

5.66

5.50 5.60 5.70 5.80



5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 16.79 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005993.D

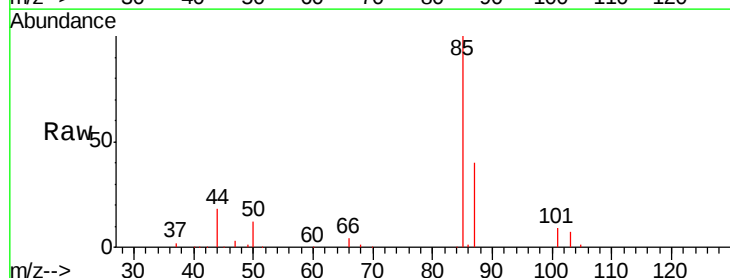
Acq: 15 Nov 2018 00:34

Tgt Ion: 85 Resp: 18980

Ion Ratio Lower Upper

85 100

87 40.4 16.3 48.9

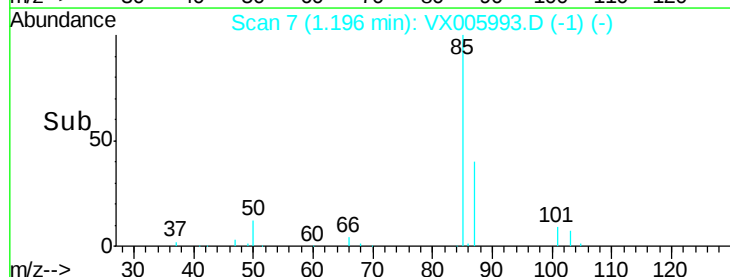


Abundance Ion 84.90 (84.60 to 85.60): VX0

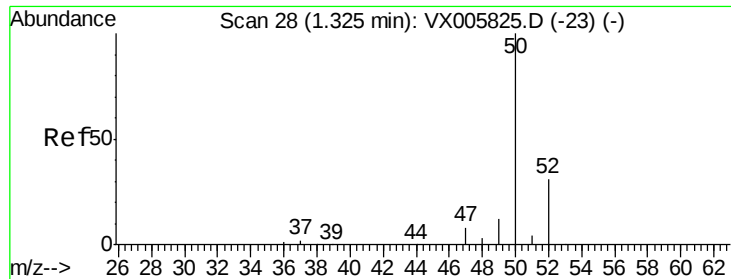
Ion 86.90 (86.60 to 87.60): VX0

1.20

1.15 1.20 1.25



1.15 1.20 1.25



#3

Chloromethane

Concen: 17.77 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

Instrument :

MSVOA\_X

ClientSampleId :

VX1114WBS02

Tgt Ion: 50 Resp: 26375

Ion Ratio Lower Upper

50 100

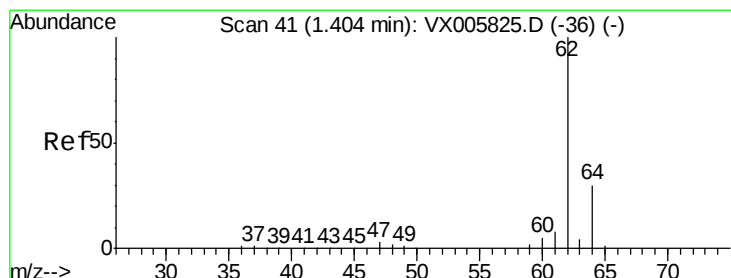
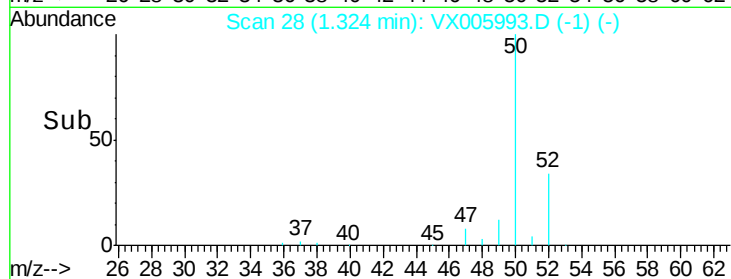
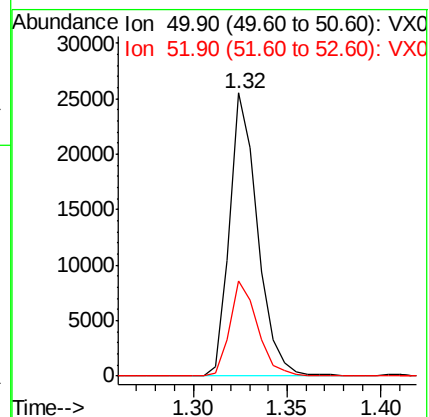
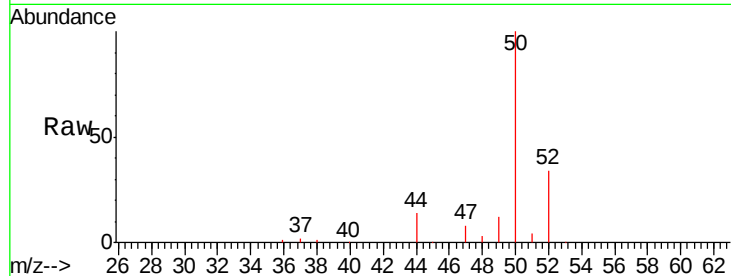
52 33.6 26.2 39.2

Manual Integrations

APPROVED

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11/15/2018 1:03:58 PM



#4

Vinyl Chloride

Concen: 17.36 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX005993.D

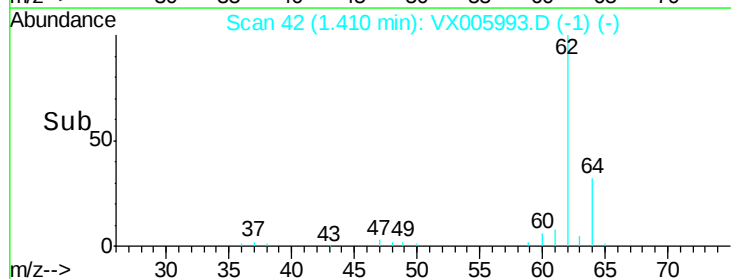
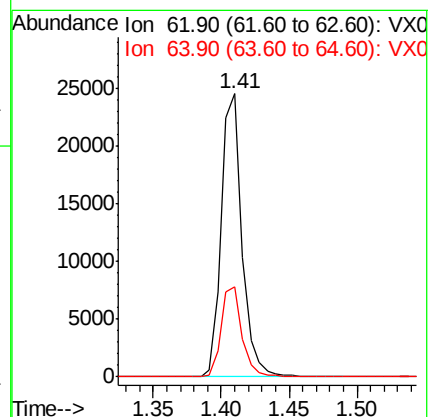
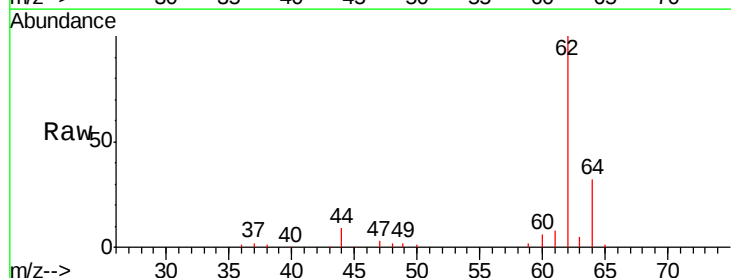
Acq: 15 Nov 2018 00:34

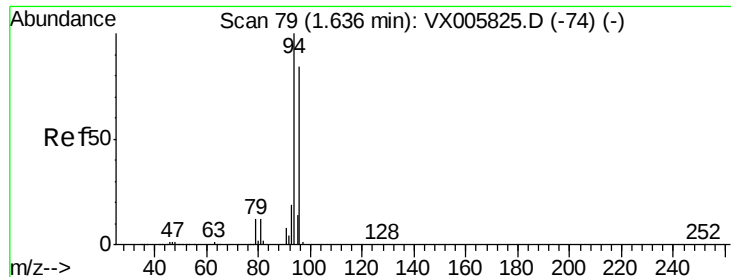
Tgt Ion: 62 Resp: 25857

Ion Ratio Lower Upper

62 100

64 31.8 25.3 37.9





#5

Bromomethane

Concen: 17.35 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

Instrument :

MSVOA\_X

ClientSampleId :

VX1114WBS02

Tgt Ion: 94 Resp: 15818

Ion Ratio Lower Upper

94 100

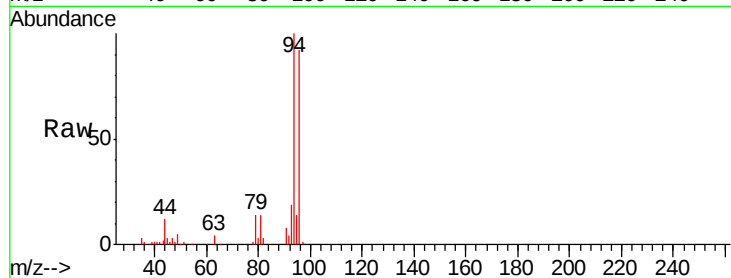
96 92.2 75.2 112.8

Manual Integrations

APPROVED

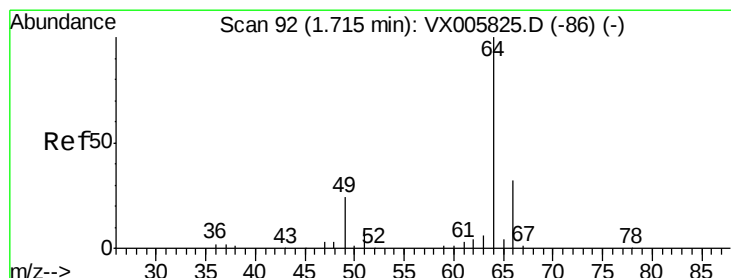
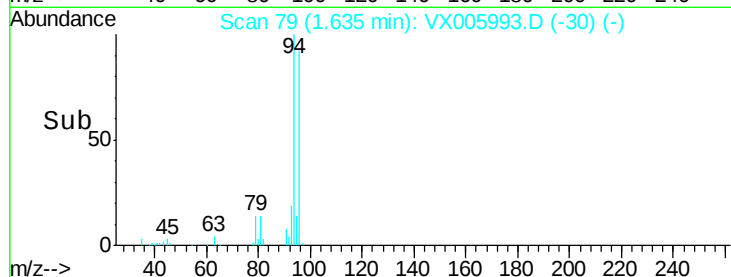
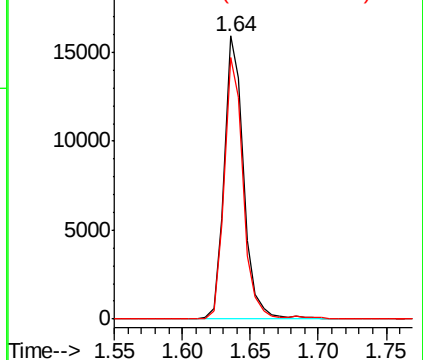
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11/15/2018 1:03:58 PM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.13 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005993.D

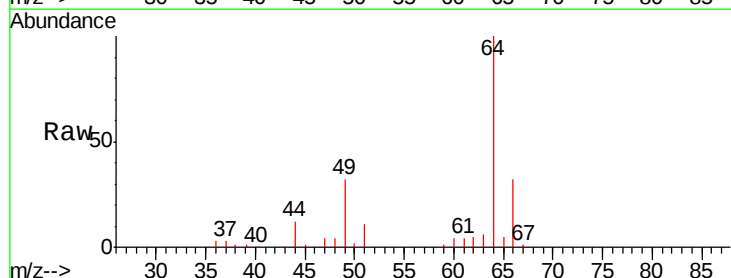
Acq: 15 Nov 2018 00:34

Tgt Ion: 64 Resp: 17004

Ion Ratio Lower Upper

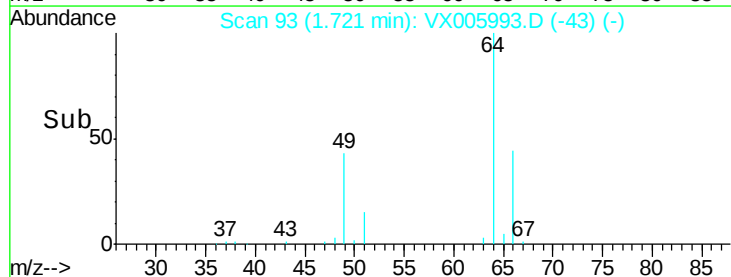
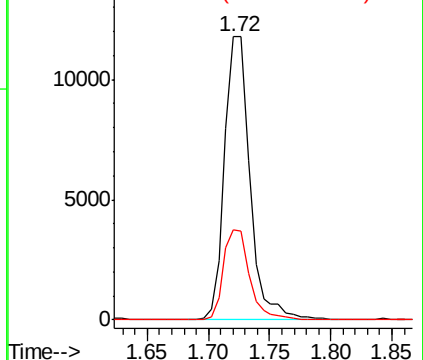
64 100

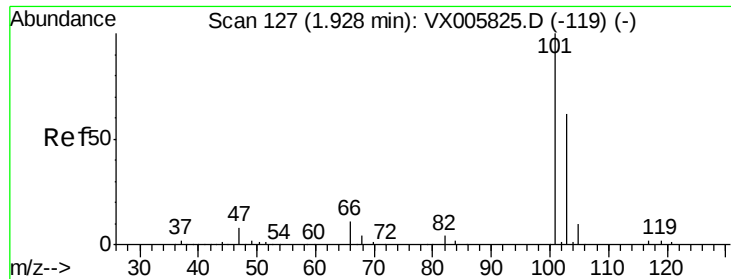
66 32.0 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 18.42 ug/l

RT: 1.93 min Scan# 127

Delta R.T. -0.00 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

Instrument :

MSVOA\_X

ClientSampleId :

VX1114WBS02

Tgt Ion: 101 Resp: 36425

Ion Ratio Lower Upper

101 100

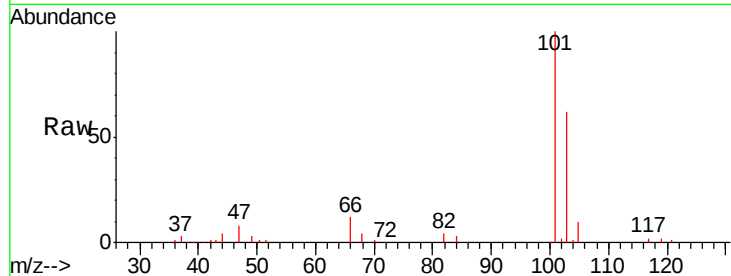
103 61.9 50.0 75.0

Manual Integrations

APPROVED

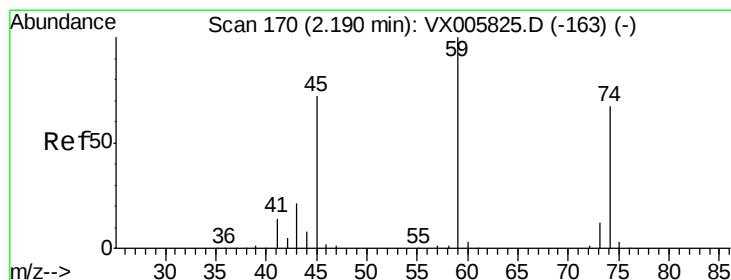
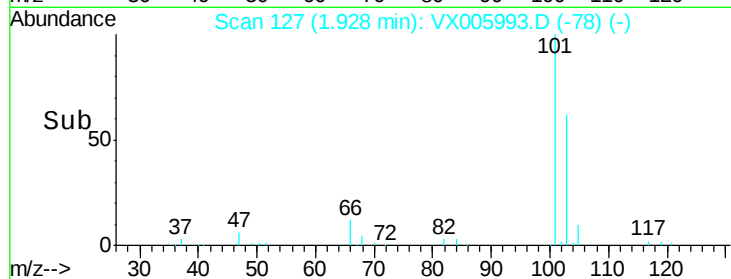
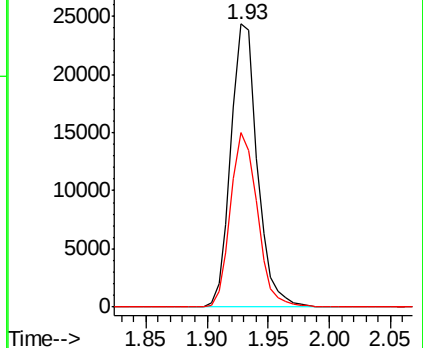
MMDadoda

11/15/2018 1:03:58 PM



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 19.34 ug/l

RT: 2.19 min Scan# 170

Delta R.T. -0.00 min

Lab File: VX005993.D

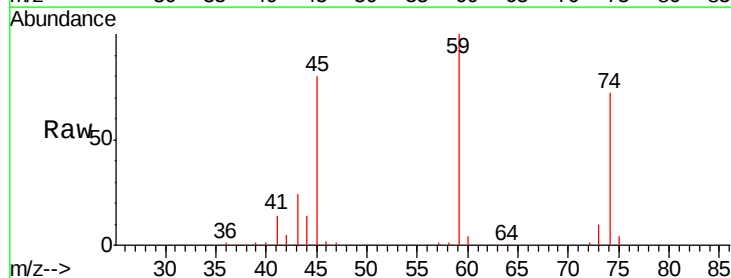
Acq: 15 Nov 2018 00:34

Tgt Ion: 74 Resp: 14982

Ion Ratio Lower Upper

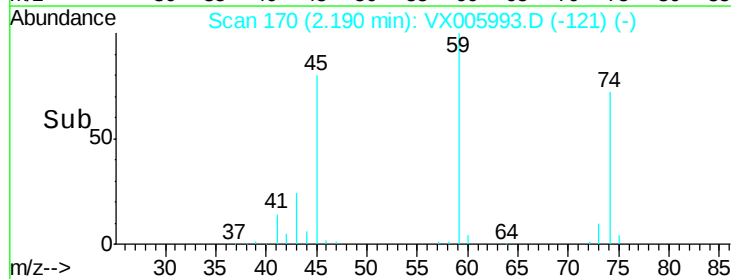
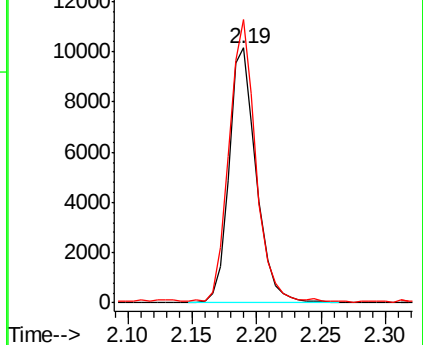
74 100

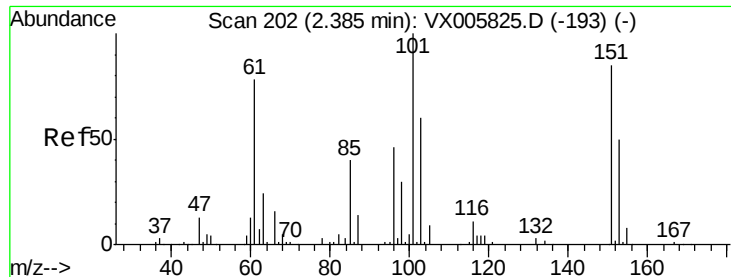
45 111.6 54.1 162.3



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





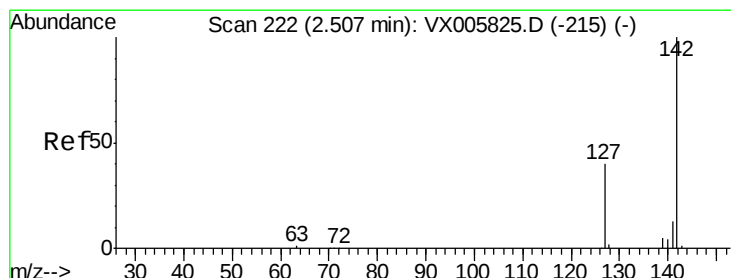
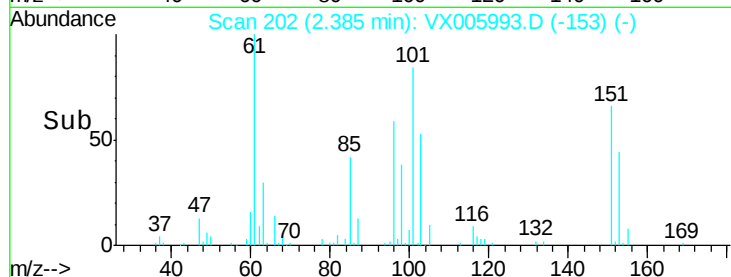
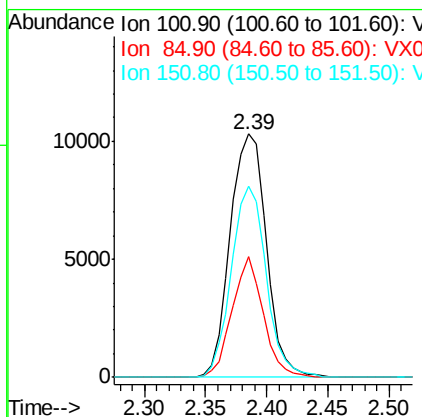
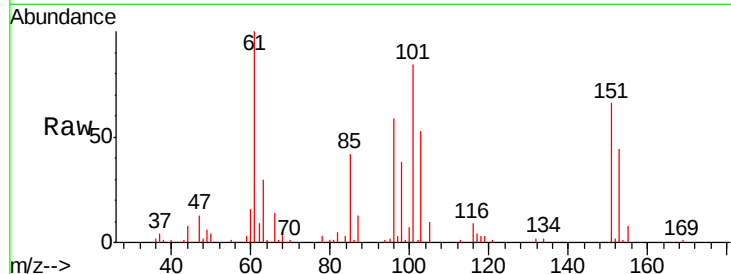
#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 18.61 ug/l  
 RT: 2.39 min Scan# 202  
 Delta R.T. -0.00 min  
 Lab File: VX005993.D  
 Acq: 15 Nov 2018 00:34

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1114WBS02

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 101     | 100   | 21167 |       |       |
| 85      | 42.5  | 35.0  | 52.4  |       |
| 151     | 75.8  | 66.2  | 99.2  |       |

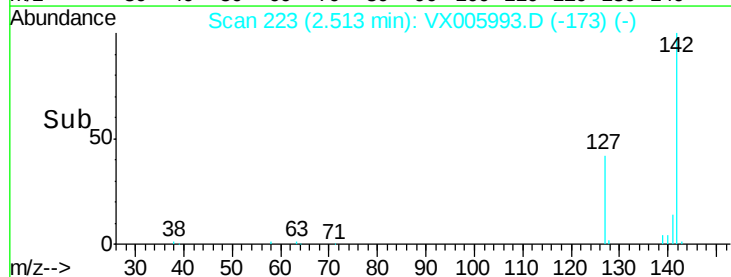
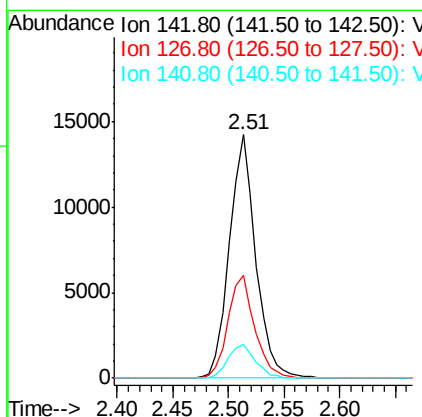
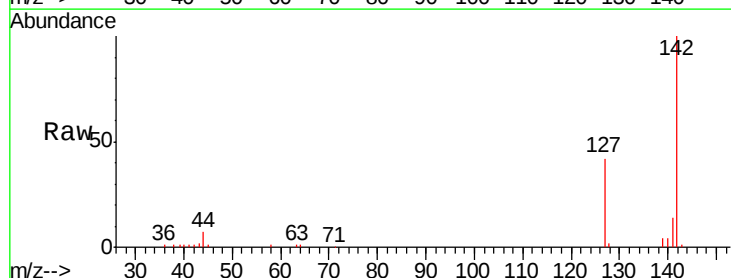
Manual Integrations  
 APPROVED

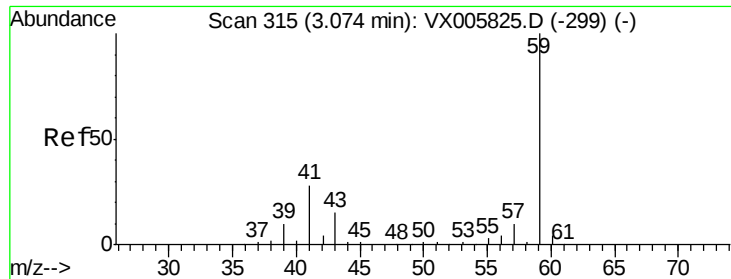
MMDadoda  
 11/15/2018 1:03:58 PM



#10  
 Methyl Iodide  
 Concen: 16.87 ug/l  
 RT: 2.51 min Scan# 223  
 Delta R.T. 0.01 min  
 Lab File: VX005993.D  
 Acq: 15 Nov 2018 00:34

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 142     | 100   | 23255 |       |       |
| 127     | 42.9  | 36.0  | 54.0  |       |
| 141     | 14.3  | 11.7  | 17.5  |       |





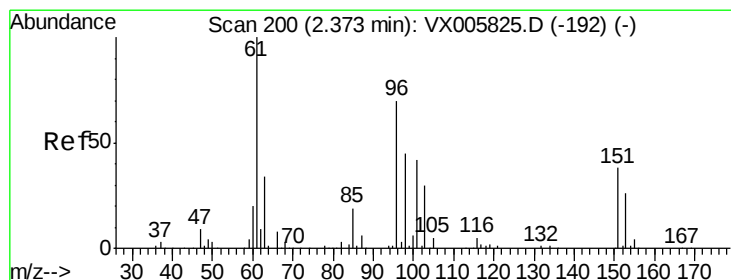
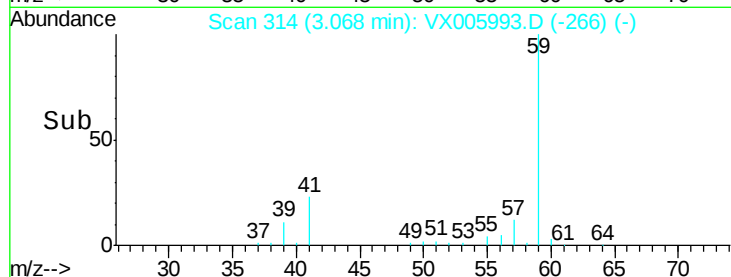
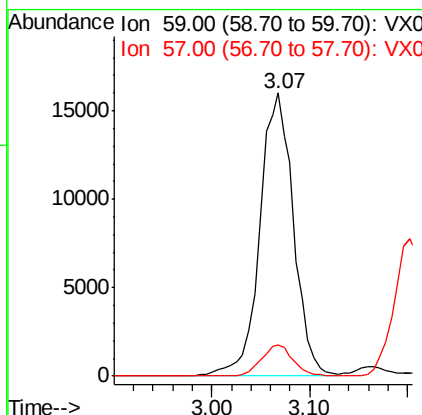
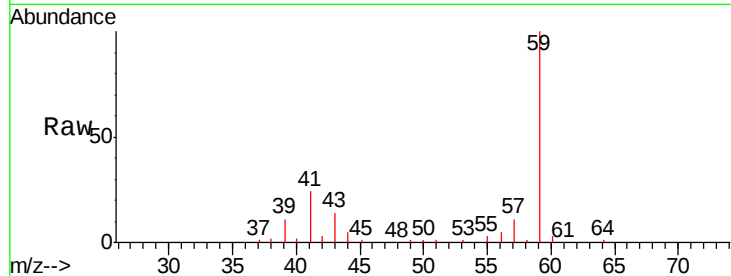
#11  
Tert butyl alcohol  
Concen: 93.17 ug/l  
RT: 3.07 min Scan# 314  
Delta R.T. -0.01 min  
Lab File: VX005993.D  
Acq: 15 Nov 2018 00:34

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1114WBS02

Tgt Ion: 59 Resp: 38480  
Ion Ratio Lower Upper  
59 100  
57 10.4 8.5 12.7

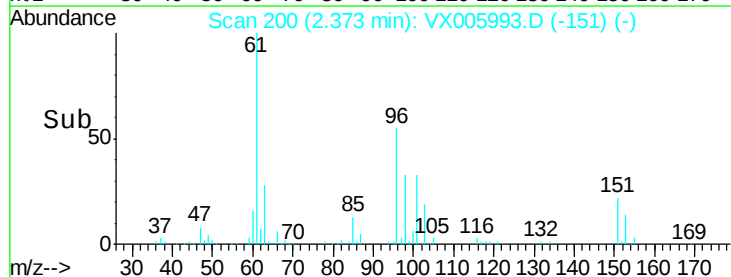
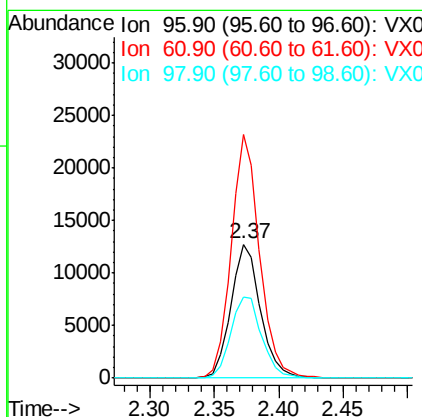
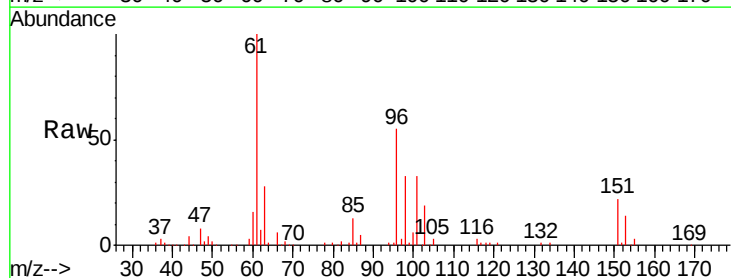
Manual Integrations  
APPROVED

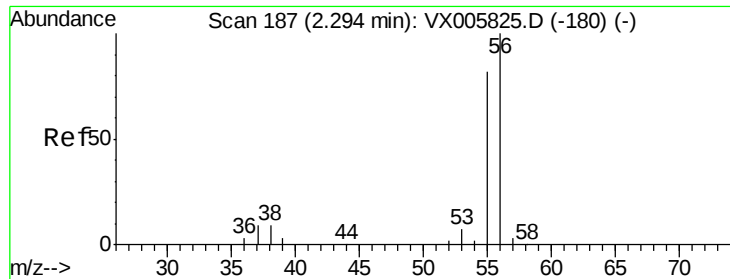
MMDadoda  
11/15/2018 1:03:58 PM



#12  
1,1-Dichloroethene  
Concen: 18.40 ug/l  
RT: 2.37 min Scan# 200  
Delta R.T. -0.00 min  
Lab File: VX005993.D  
Acq: 15 Nov 2018 00:34

Tgt Ion: 96 Resp: 20402  
Ion Ratio Lower Upper  
96 100  
61 181.7 131.8 197.8  
98 60.1 53.4 80.2





#13

Acrolein

Concen: 140.52 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

Instrument :

MSVOA\_X

ClientSampleId :

VX1114WBS02

Tgt Ion: 56 Resp: 25883

Ion Ratio Lower Upper

56 100

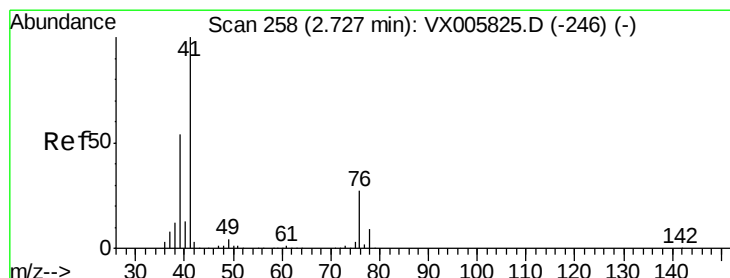
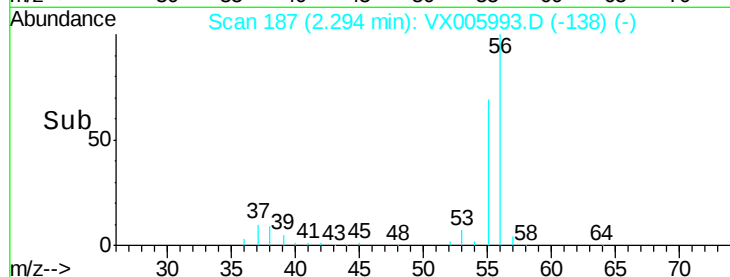
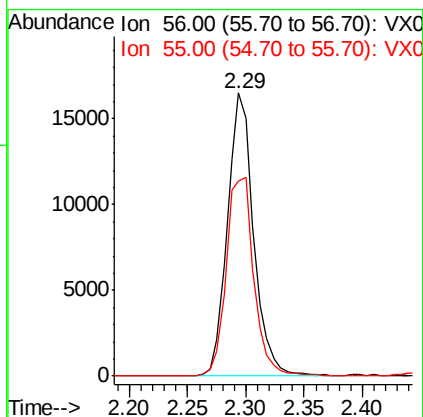
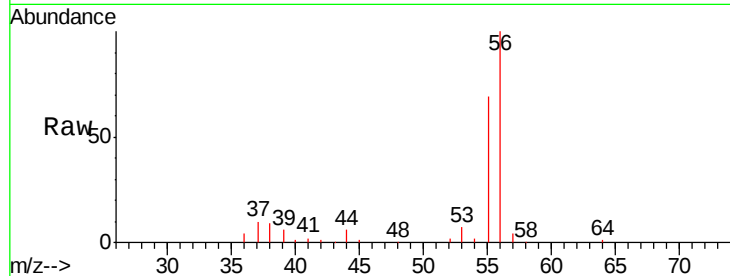
55 74.3 57.3 85.9

Manual Integrations

APPROVED

MMDadoda

11/15/2018 1:03:58 PM



#14

Allyl chloride

Concen: 19.11 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

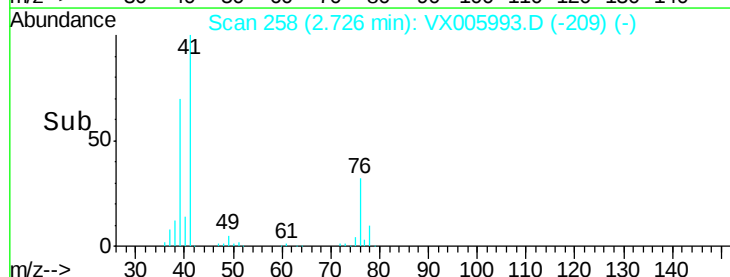
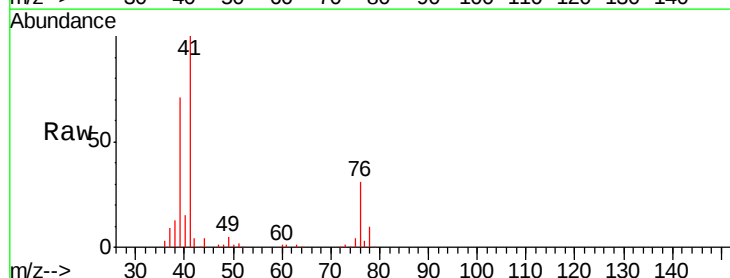
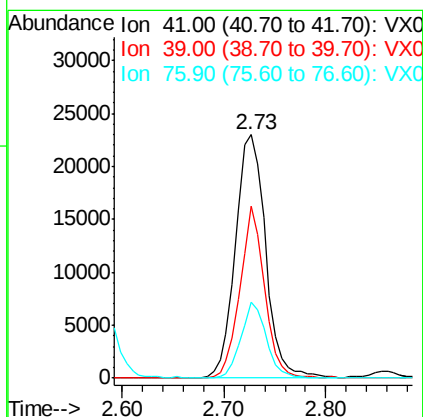
Tgt Ion: 41 Resp: 47309

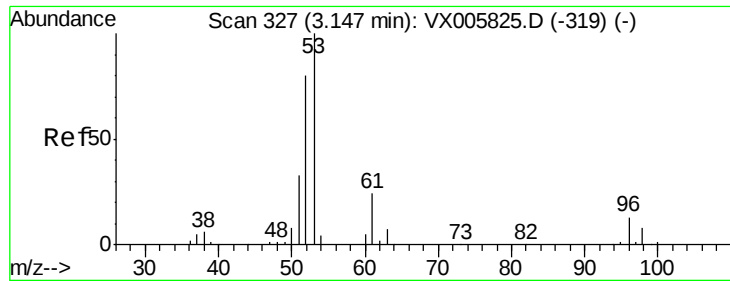
Ion Ratio Lower Upper

41 100

39 57.9 48.2 72.4

76 26.4 21.9 32.9





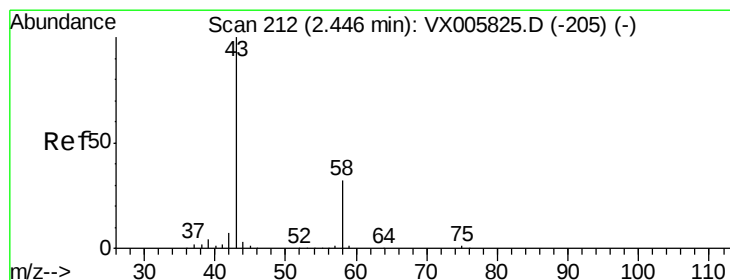
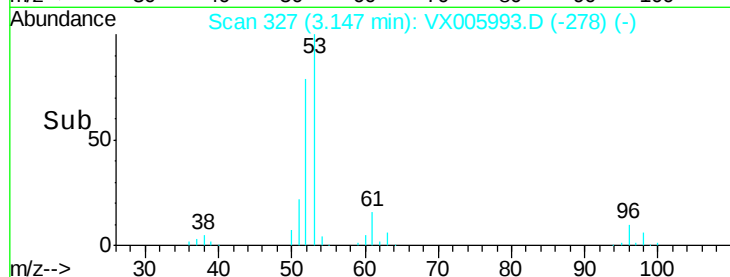
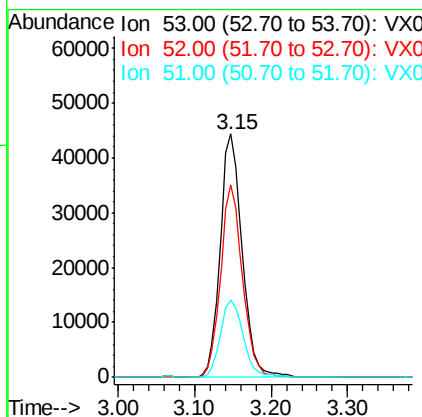
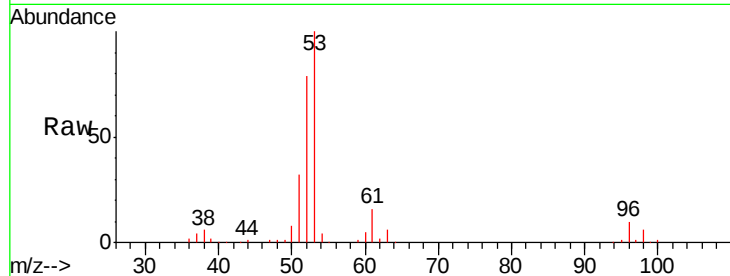
#15  
 Acrylonitrile  
 Concen: 103.27 ug/l  
 RT: 3.15 min Scan# 327  
 Delta R.T. -0.00 min  
 Lab File: VX005993.D  
 Acq: 15 Nov 2018 00:34

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1114WBS02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 53      | 100   |       |       |
| 52      | 78.6  | 66.6  | 99.8  |
| 51      | 33.5  | 28.4  | 42.6  |

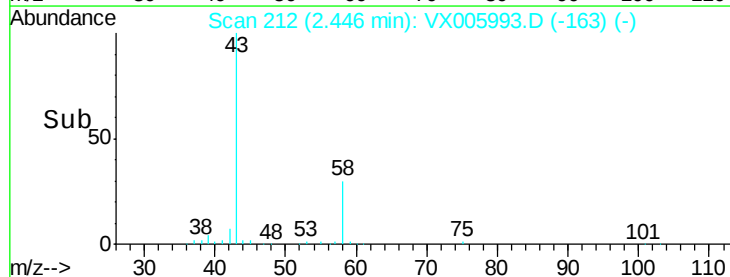
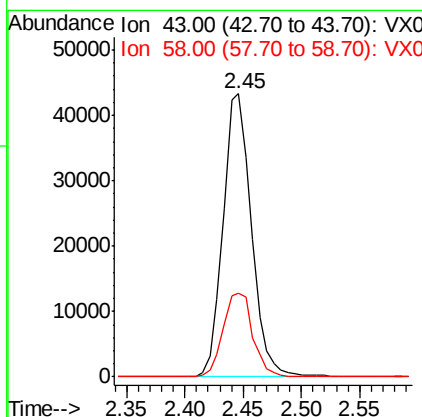
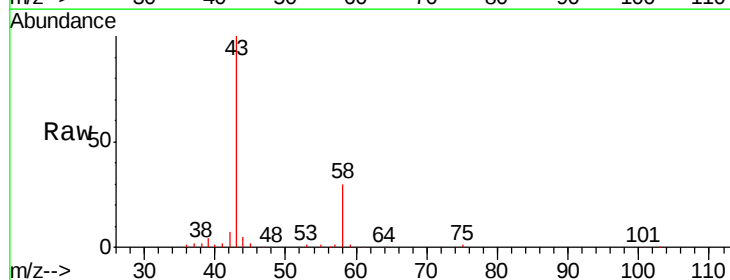
Manual Integrations  
 APPROVED

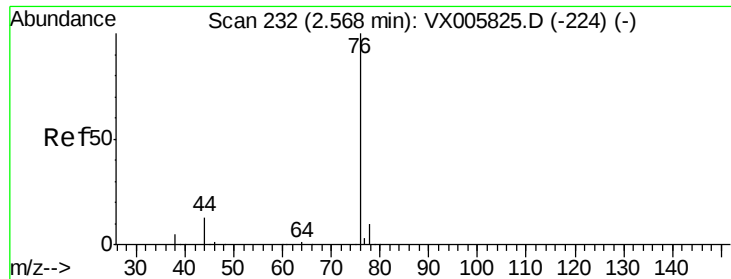
MMDadoda  
 11/15/2018 1:03:58 PM



#16  
 Acetone  
 Concen: 93.44 ug/l  
 RT: 2.45 min Scan# 212  
 Delta R.T. -0.00 min  
 Lab File: VX005993.D  
 Acq: 15 Nov 2018 00:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 29.8  | 23.8  | 35.6  |





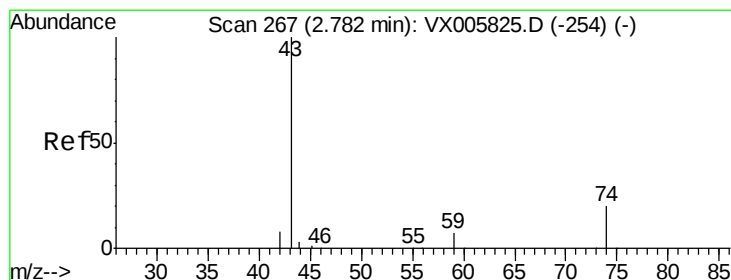
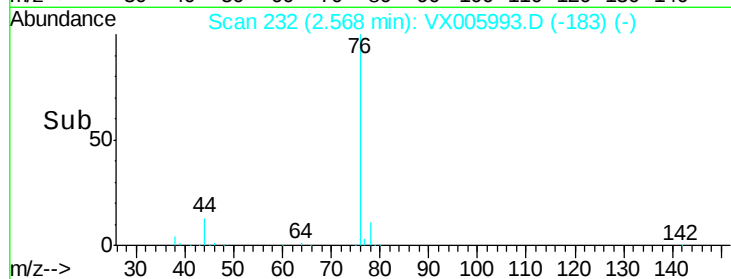
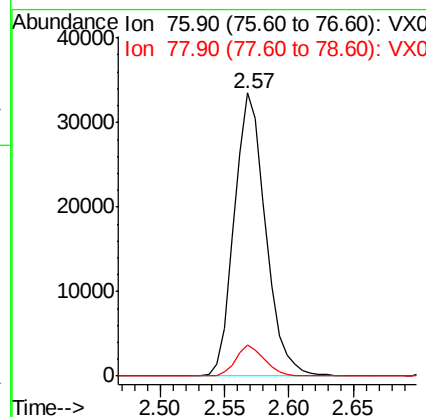
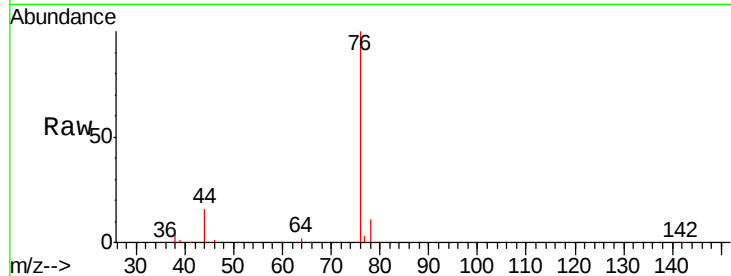
#17  
Carbon Disulfide  
Concen: 17.18 ug/l  
RT: 2.57 min Scan# 232  
Delta R.T. -0.00 min  
Lab File: VX005993.D  
Acq: 15 Nov 2018 00:34

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1114WBS02

Tgt Ion: 76 Resp: 56795  
Ion Ratio Lower Upper  
76 100  
78 10.9 7.3 10.9

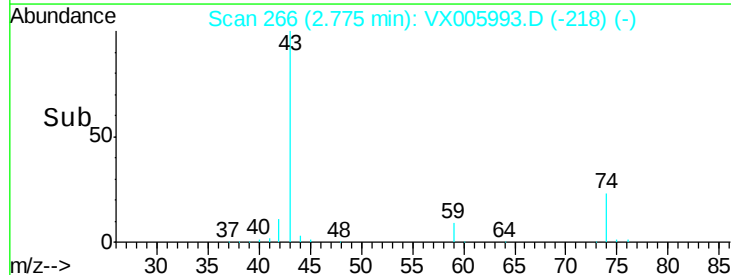
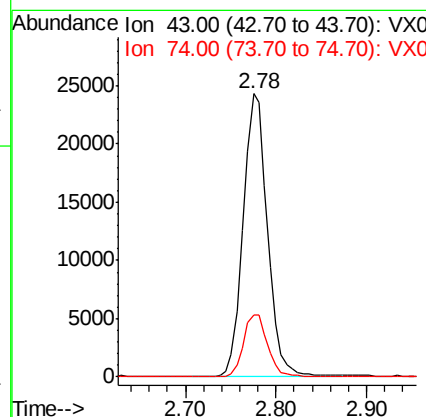
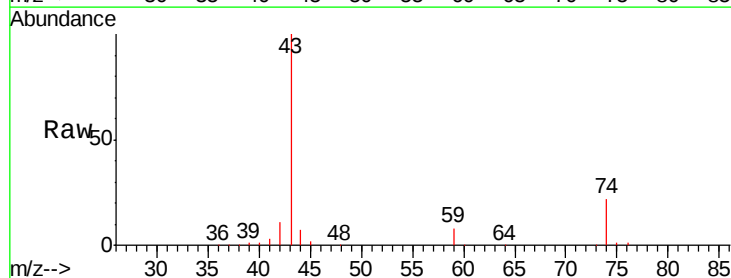
Manual Integrations  
APPROVED

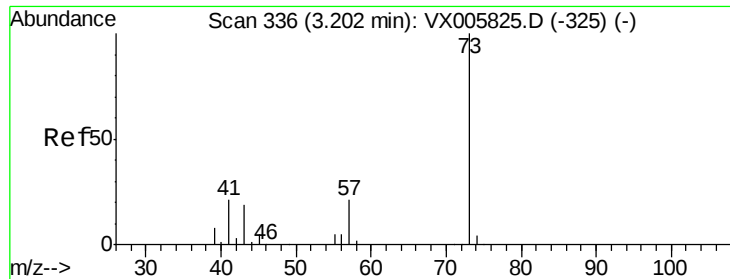
MMDadoda  
11/15/2018 1:03:58 PM



#18  
Methyl Acetate  
Concen: 20.73 ug/l  
RT: 2.78 min Scan# 266  
Delta R.T. -0.01 min  
Lab File: VX005993.D  
Acq: 15 Nov 2018 00:34

Tgt Ion: 43 Resp: 44924  
Ion Ratio Lower Upper  
43 100  
74 22.1 16.8 25.2





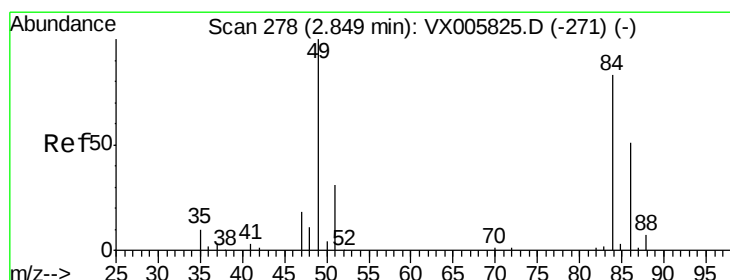
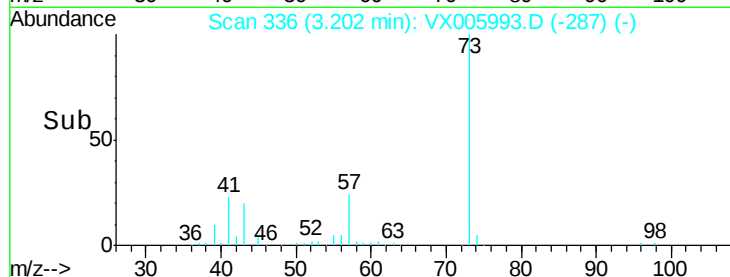
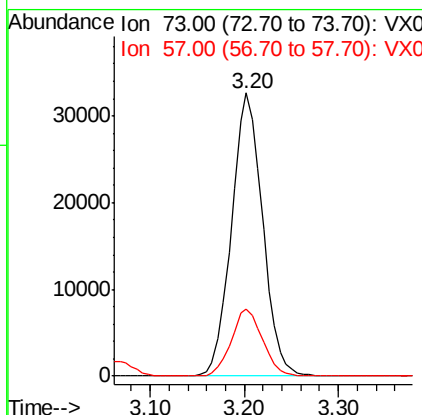
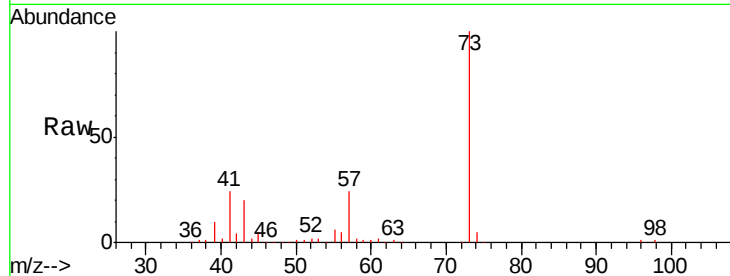
#19  
Methyl tert-butyl Ether  
Concen: 19.85 ug/l  
RT: 3.20 min Scan# 336  
Delta R.T. -0.00 min  
Lab File: VX005993.D  
Acq: 15 Nov 2018 00:34

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1114WBS02

Tgt Ion: 73 Resp: 75093  
Ion Ratio Lower Upper  
73 100  
57 23.9 18.8 28.2

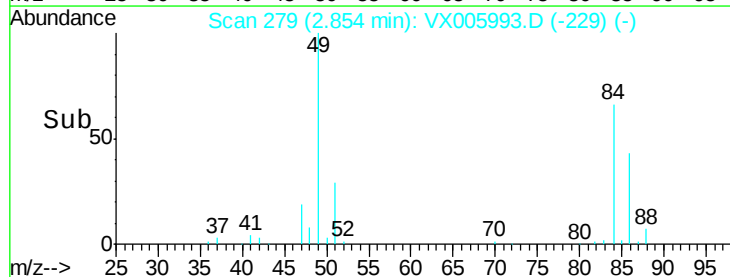
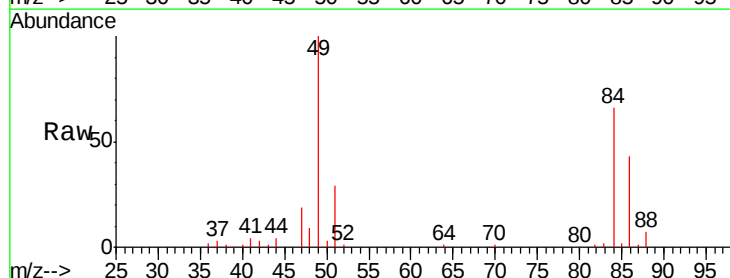
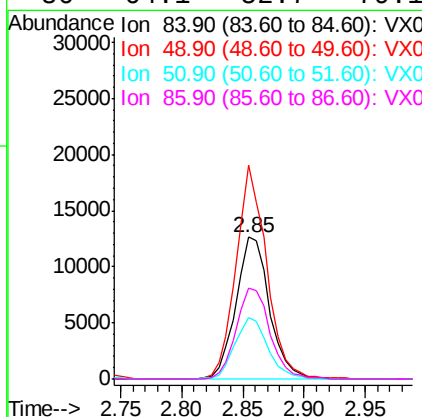
Manual Integrations  
APPROVED

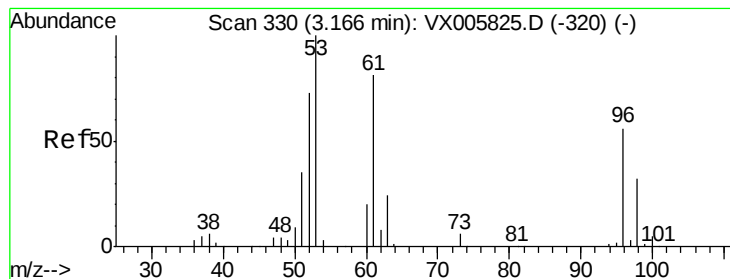
MMDadoda  
11/15/2018 1:03:58 PM



#20  
Methylene Chloride  
Concen: 18.78 ug/l  
RT: 2.85 min Scan# 279  
Delta R.T. 0.01 min  
Lab File: VX005993.D  
Acq: 15 Nov 2018 00:34

Tgt Ion: 84 Resp: 23950  
Ion Ratio Lower Upper  
84 100  
49 150.8 109.5 164.3  
51 43.6 33.3 49.9  
86 64.1 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 18.80 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

Instrument :

MSVOA\_X

ClientSampleId :

VX1114WBS02

Tgt Ion: 96 Resp: 21982

Ion Ratio Lower Upper

96 100

61 160.4 115.6 173.4

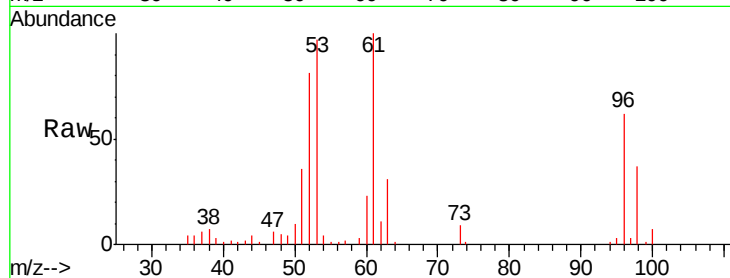
98 59.7 50.2 75.2

Manual Integrations

APPROVED

MMDadoda

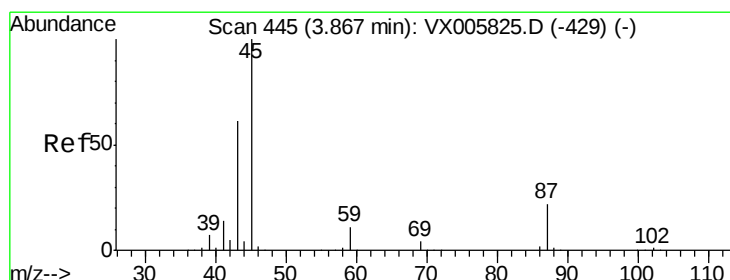
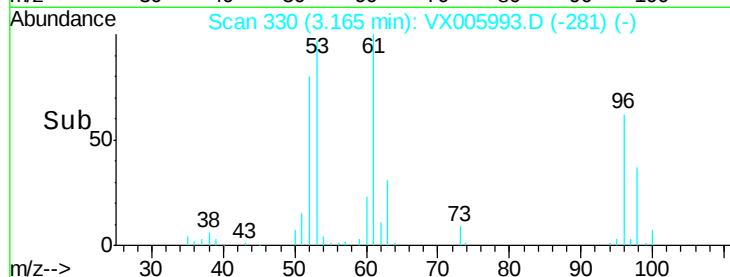
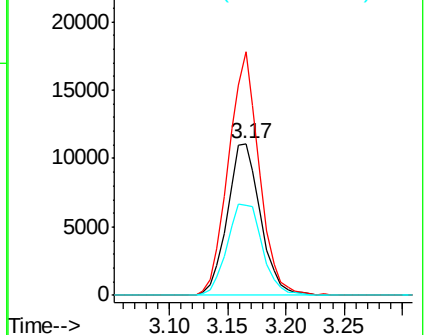
11/15/2018 1:03:58 PM



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.95 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

Tgt Ion: 45 Resp: 86532

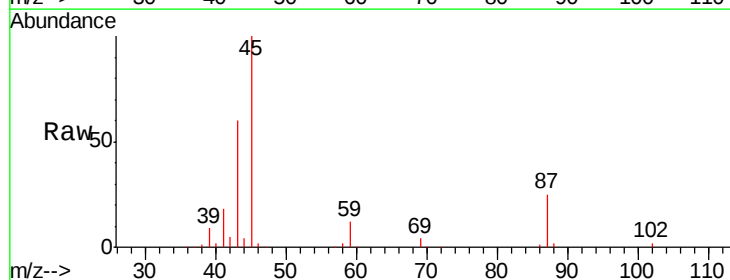
Ion Ratio Lower Upper

45 100

43 59.5 47.4 71.2

87 25.0 15.9 23.9#

59 12.3 7.7 11.5#

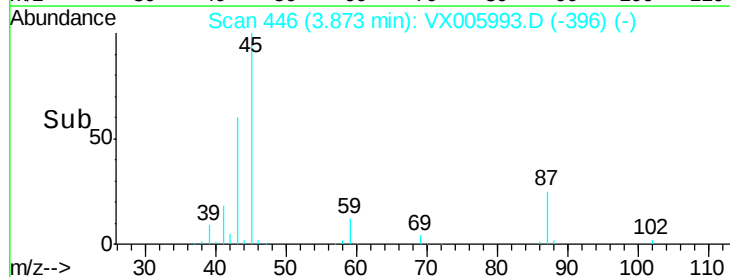
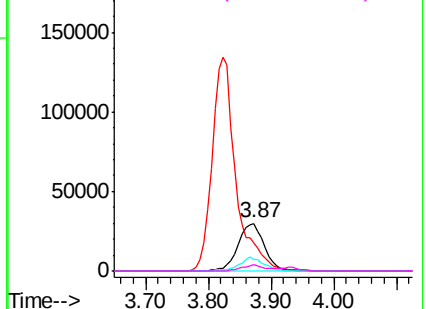


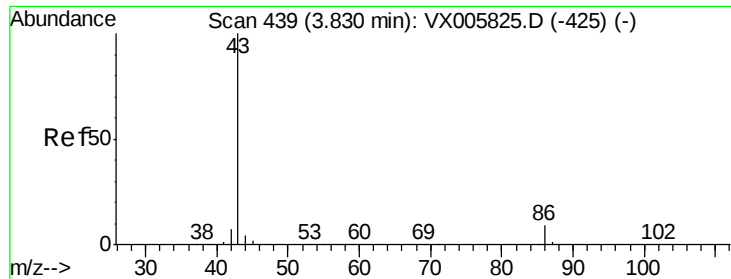
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 94.72 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.01 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

Instrument :

MSVOA\_X

ClientSampleId :

VX1114WBS02

Tgt Ion: 43 Resp: 352208

Ion Ratio Lower Upper

43 100

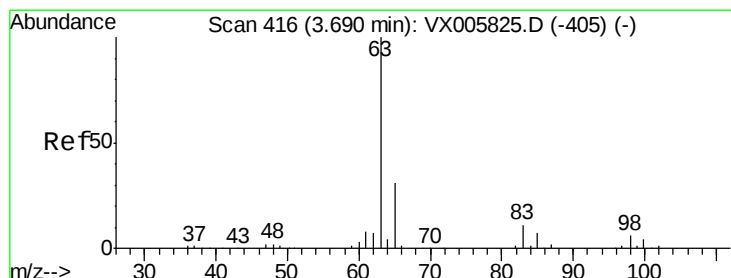
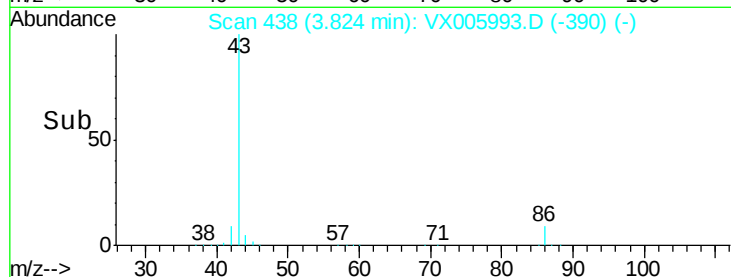
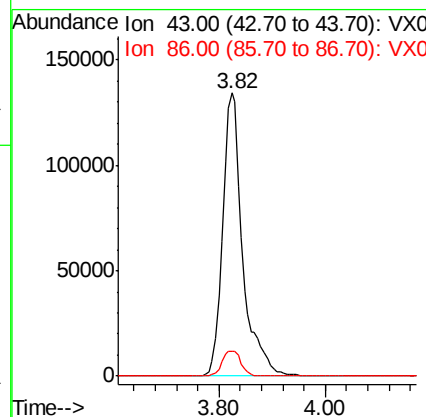
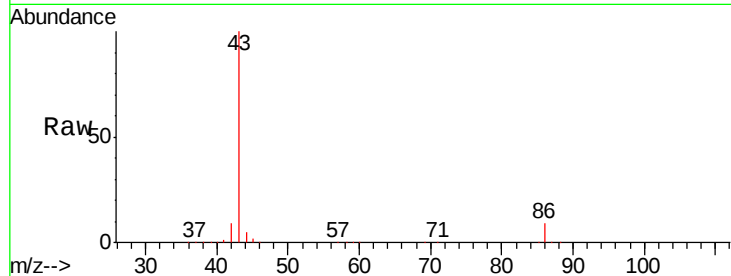
86 8.9 7.4 11.2

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.55 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

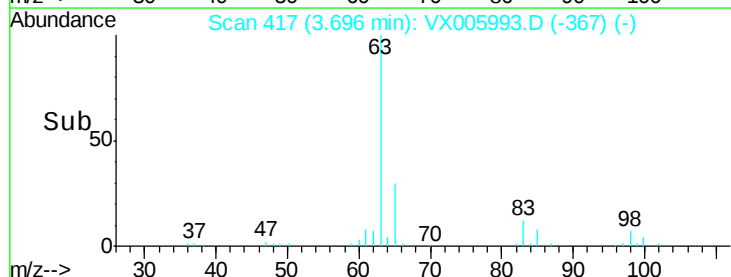
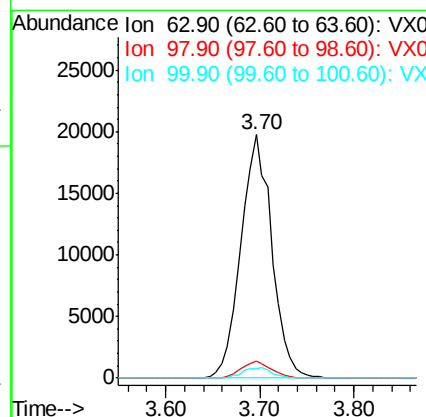
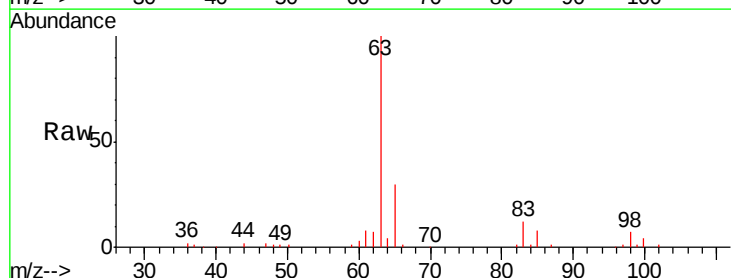
Tgt Ion: 63 Resp: 45243

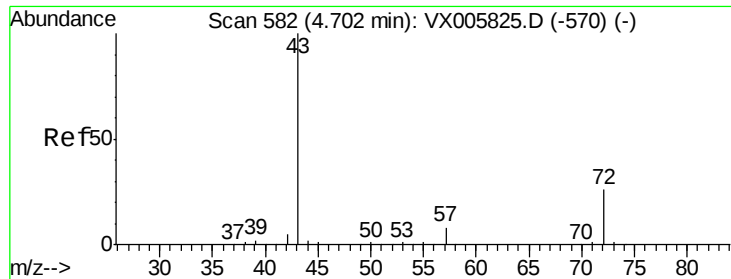
Ion Ratio Lower Upper

63 100

98 7.0 3.2 9.6

100 3.9 2.1 6.2





#25

2-Butanone

Concen: 96.08 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

Instrument :

MSVOA\_X

ClientSampleId :

VX1114WBS02

Tgt Ion: 43 Resp: 117263

Ion Ratio Lower Upper

43 100

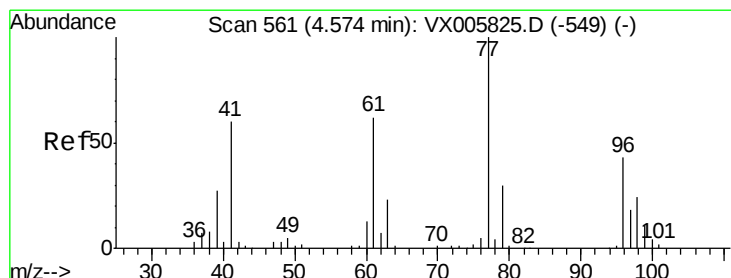
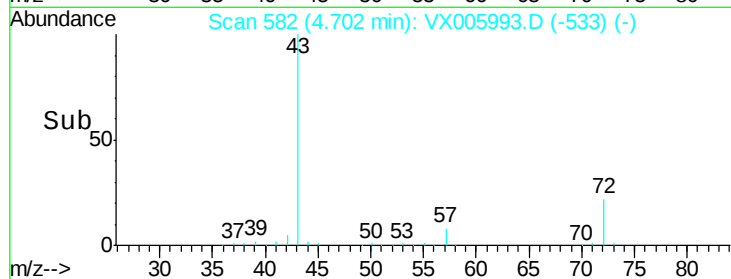
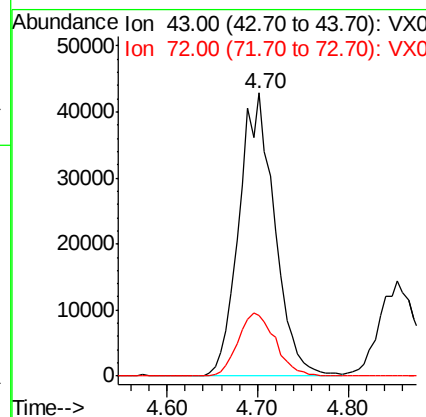
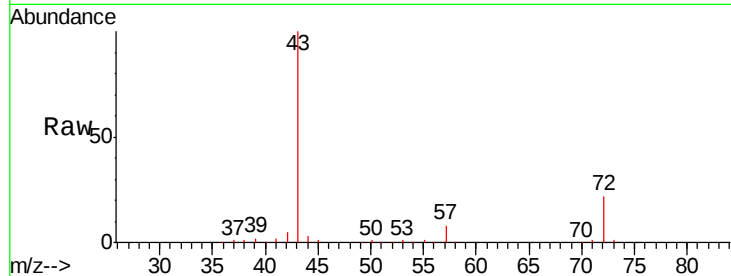
72 21.5 19.2 28.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 16.30 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX005993.D

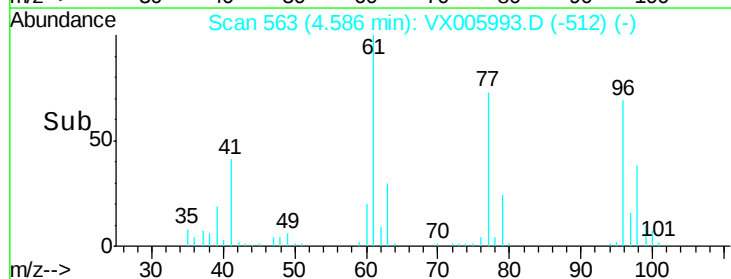
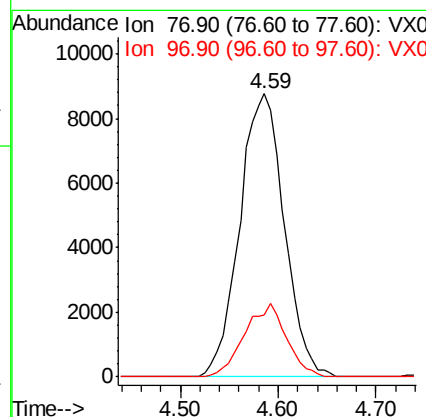
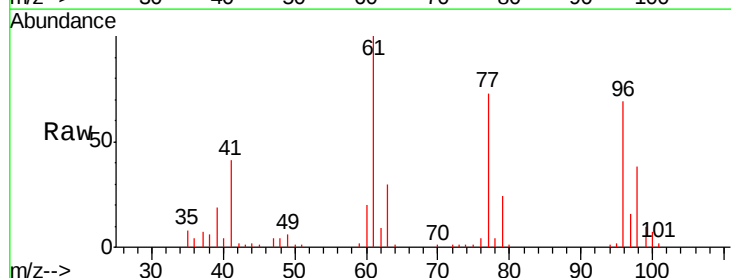
Acq: 15 Nov 2018 00:34

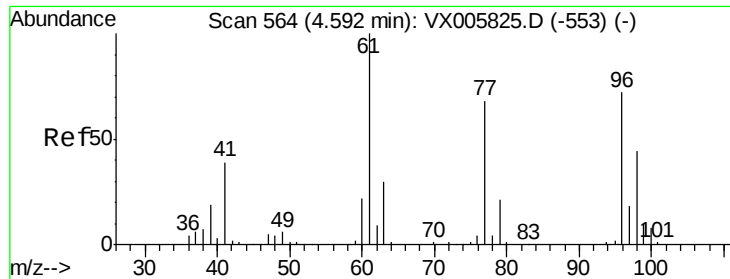
Tgt Ion: 77 Resp: 27663

Ion Ratio Lower Upper

77 100

97 24.3 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 19.73 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.00 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

Instrument :

MSVOA\_X

ClientSampleId :

VX1114WBS02

Tgt Ion: 96 Resp: 25473

Ion Ratio Lower Upper

96 100

61 150.7 0.0 304.6

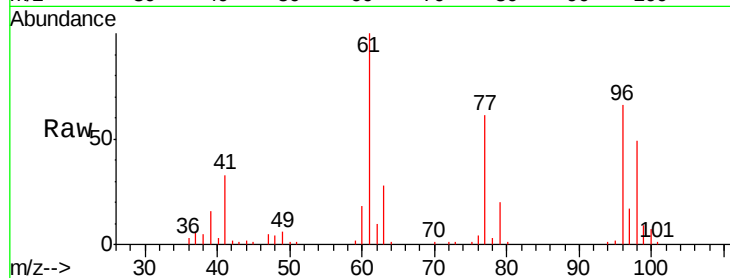
98 70.6 0.0 127.4

Manual Integrations

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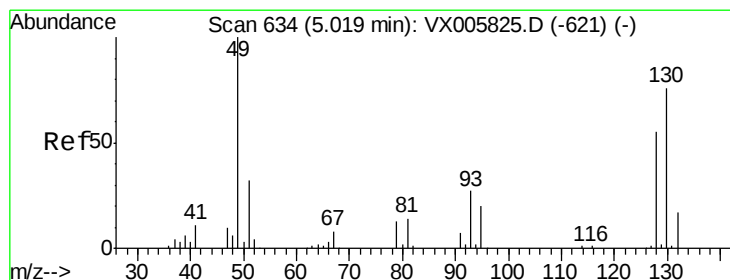
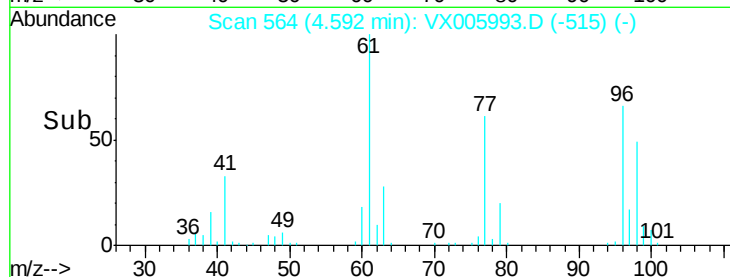
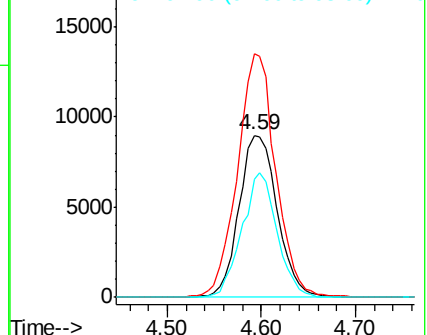
11/15/2018 1:03:58 PM



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 20.06 ug/l

RT: 5.01 min Scan# 633

Delta R.T. -0.01 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

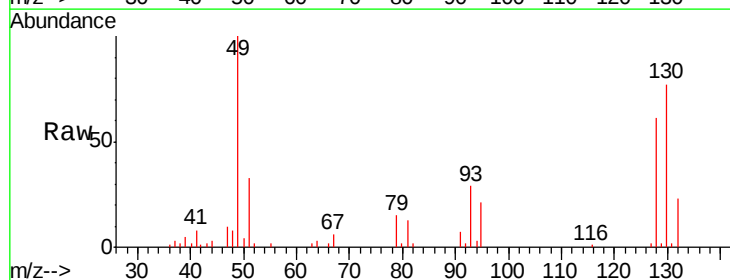
Tgt Ion: 49 Resp: 20745

Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.0

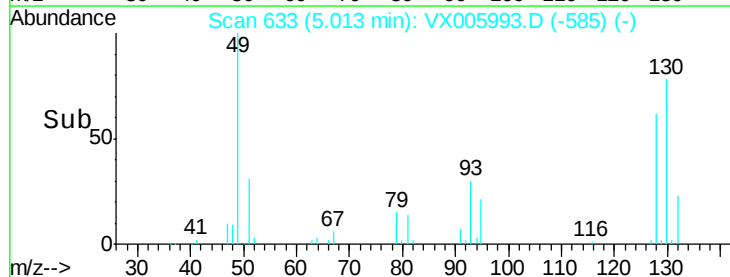
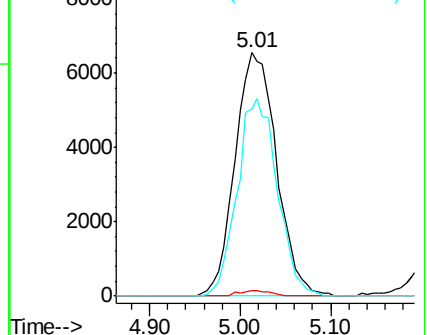
130 78.1 58.9 88.3

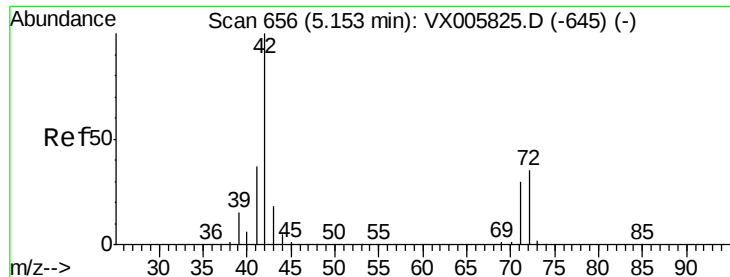


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





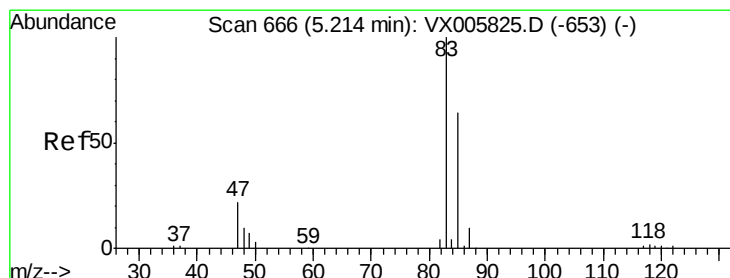
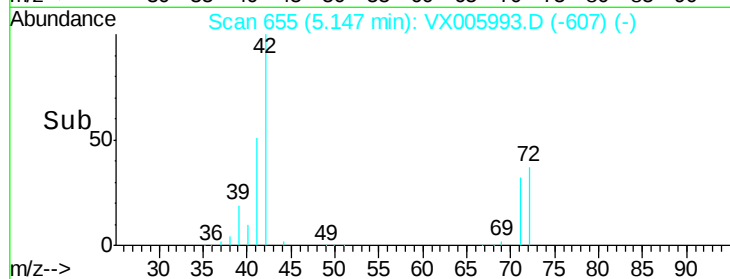
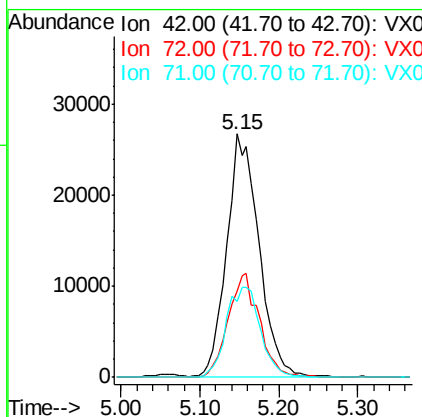
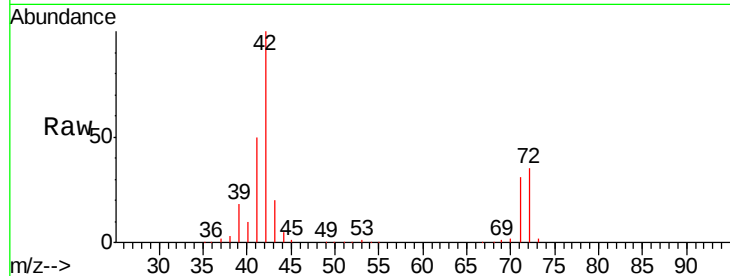
#29  
Tetrahydrofuran  
Concen: 96.45 ug/l  
RT: 5.15 min Scan# 655  
Delta R.T. -0.01 min  
Lab File: VX005993.D  
Acq: 15 Nov 2018 00:34

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1114WBS02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 41.8  | 32.0  | 48.0  |
| 71      | 39.5  | 29.8  | 44.8  |

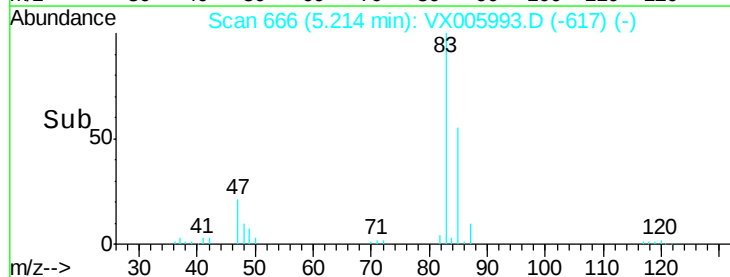
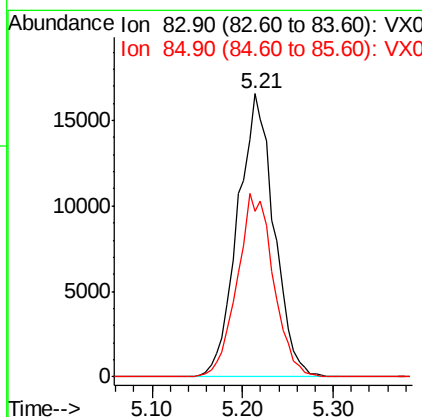
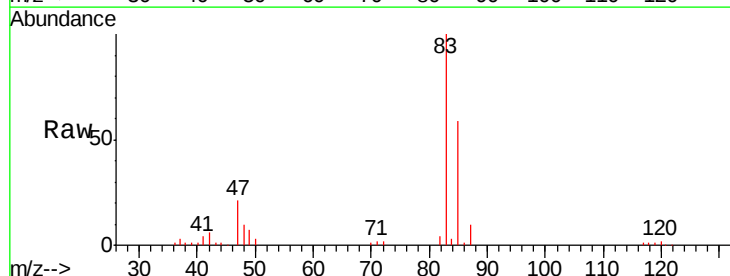
Manual Integrations  
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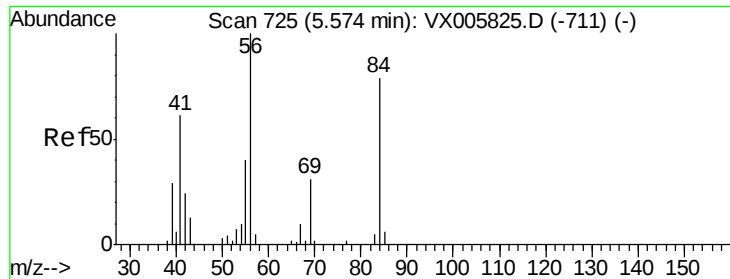
MMDadoda  
11/15/2018 1:03:58 PM



#30  
Chloroform  
Concen: 20.59 ug/l  
RT: 5.21 min Scan# 666  
Delta R.T. -0.00 min  
Lab File: VX005993.D  
Acq: 15 Nov 2018 00:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 58.5  | 50.6  | 76.0  |





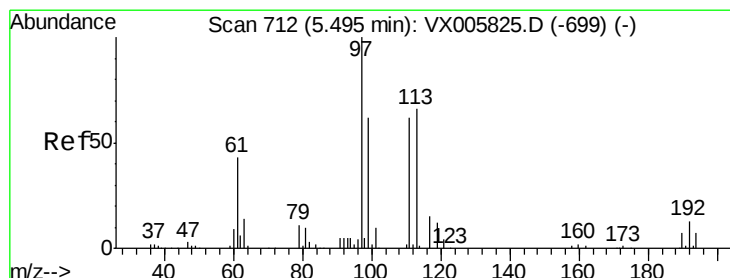
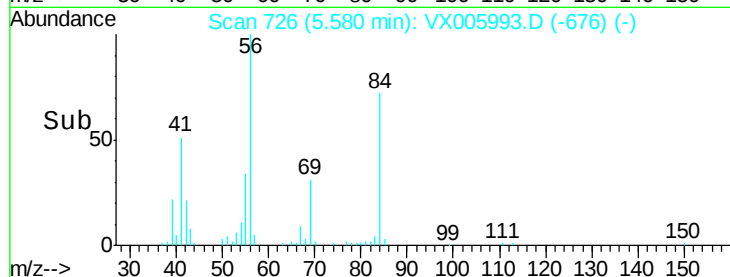
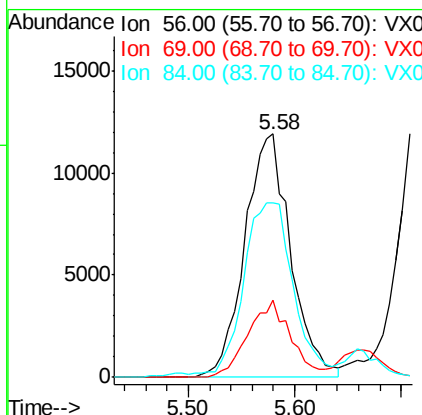
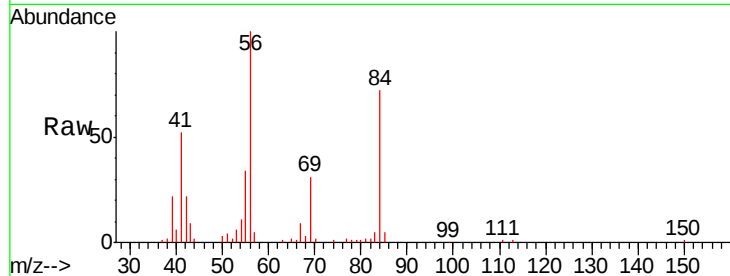
#31  
Cyclohexane  
Concen: 17.80 ug/l  
RT: 5.58 min Scan# 726  
Delta R.T. 0.01 min  
Lab File: VX005993.D  
Acq: 15 Nov 2018 00:34

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1114WBS02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 31.5  | 22.6  | 34.0  |
| 84      | 70.3  | 62.7  | 94.1  |

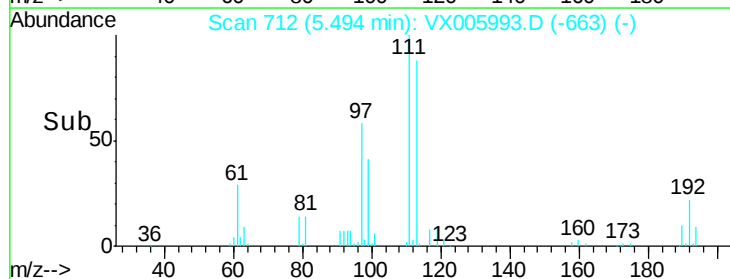
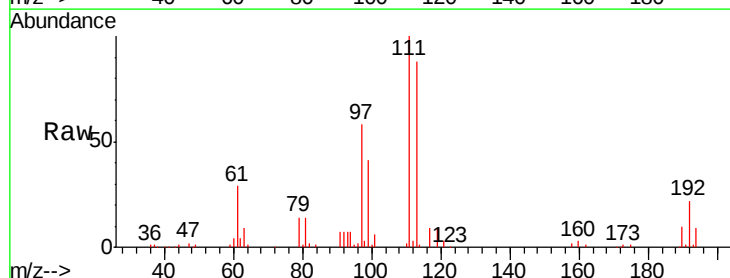
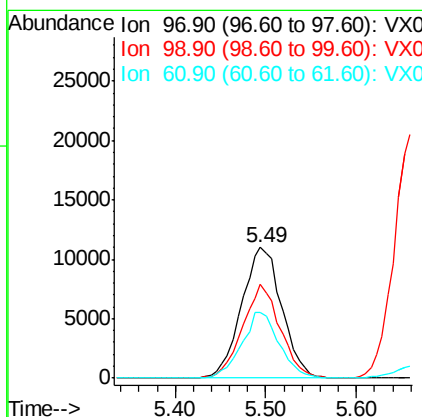
Manual Integrations  
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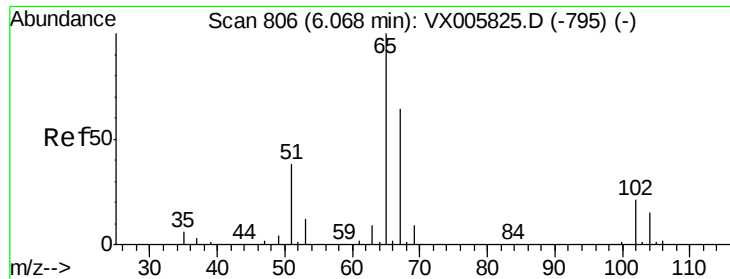
MMDadoda  
11/15/2018 1:03:58 PM



#32  
1,1,1-Trichloroethane  
Concen: 18.12 ug/l  
RT: 5.49 min Scan# 712  
Delta R.T. -0.00 min  
Lab File: VX005993.D  
Acq: 15 Nov 2018 00:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 66.7  | 52.3  | 78.5  |
| 61      | 47.0  | 35.2  | 52.8  |





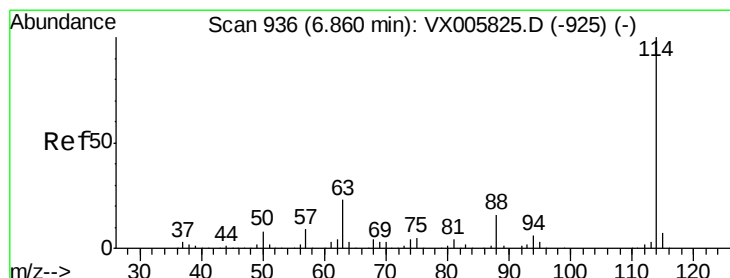
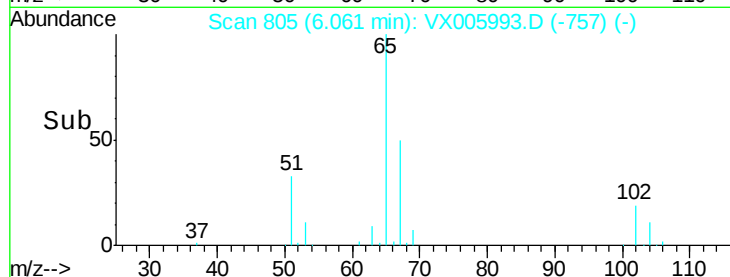
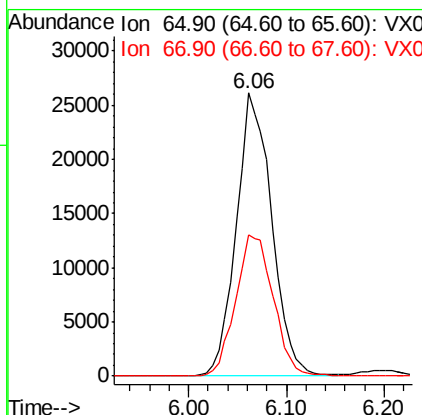
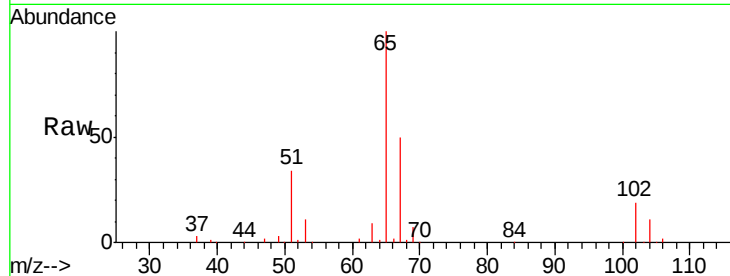
#33  
 1,2-Dichloroethane-d4  
 Concen: 45.46 ug/l  
 RT: 6.06 min Scan# 805  
 Delta R.T. -0.01 min  
 Lab File: VX005993.D  
 Acq: 15 Nov 2018 00:34

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1114WBS02

Tgt Ion: 65 Resp: 65537  
 Ion Ratio Lower Upper  
 65 100  
 67 53.1 0.0 105.0

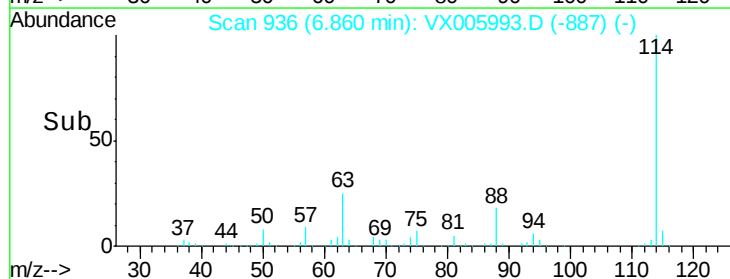
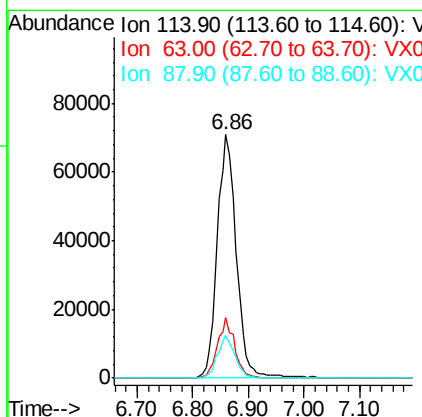
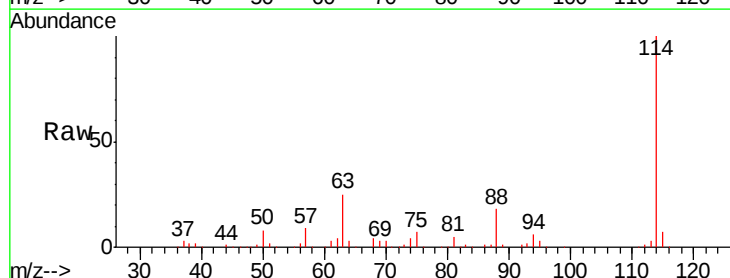
Manual Integrations  
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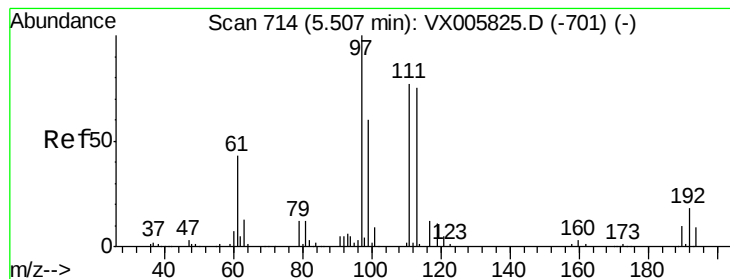
MMDadoda  
 11/15/2018 1:03:58 PM



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. -0.00 min  
 Lab File: VX005993.D  
 Acq: 15 Nov 2018 00:34

Tgt Ion: 114 Resp: 169030  
 Ion Ratio Lower Upper  
 114 100  
 63 25.1 0.0 42.8  
 88 17.5 0.0 31.2





#35

Dibromofluoromethane

Concen: 48.13 ug/l

RT: 5.51 min Scan# 714

Delta R.T. -0.00 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

Instrument :

MSVOA\_X

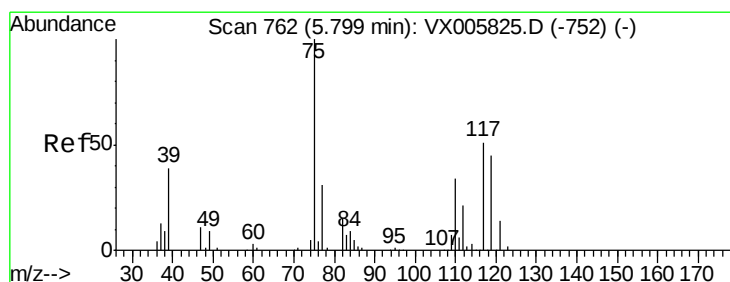
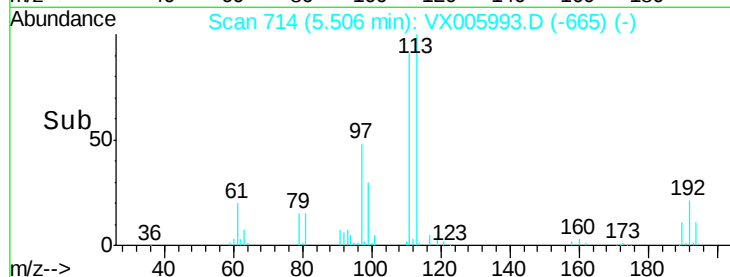
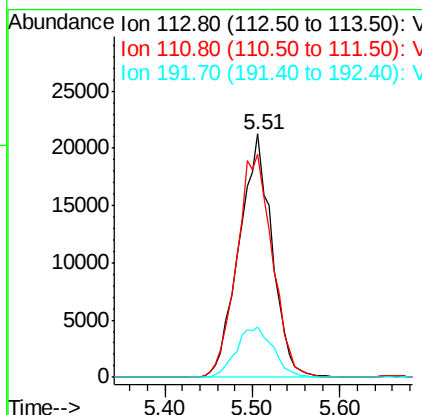
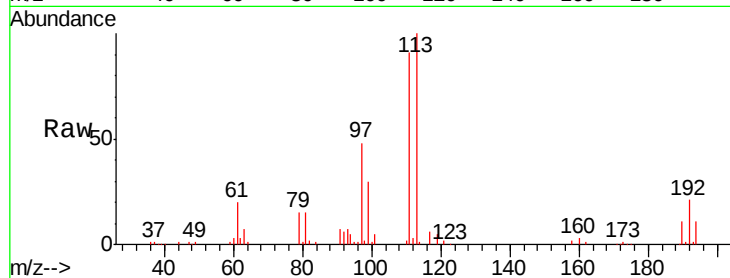
ClientSampleId :

VX1114WBS02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 113   | Resp: | 55329 |
| Ion Ratio | Lower | Upper |       |
| 113       | 100   |       |       |
| 111       | 99.4  | 82.3  | 123.5 |
| 192       | 23.2  | 17.9  | 26.9  |

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11/15/2018 1:03:58 PM



#36

1,1-Dichloropropene

Concen: 17.42 ug/l

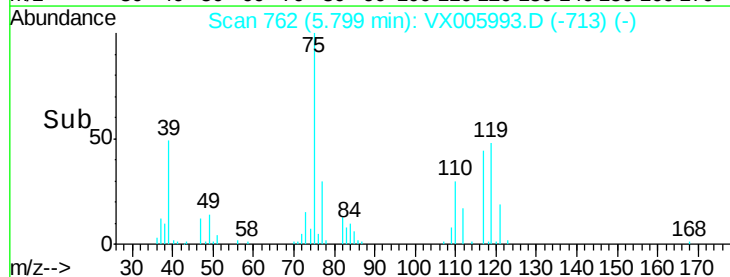
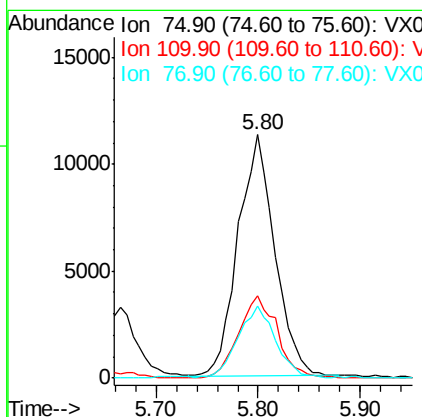
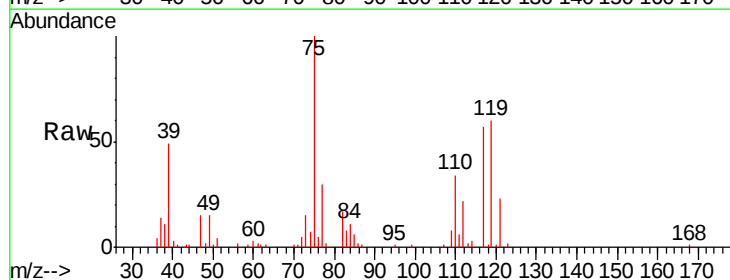
RT: 5.80 min Scan# 762

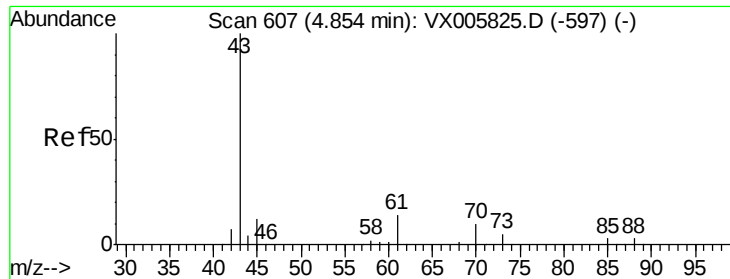
Delta R.T. -0.00 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 28388 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 110       | 35.7  | 17.4  | 52.2  |
| 77        | 30.6  | 25.8  | 38.6  |





#37

Ethyl Acetate

Concen: 19.32 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

Instrument :

MSVOA\_X

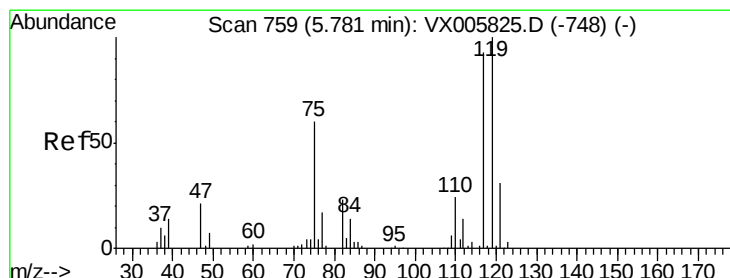
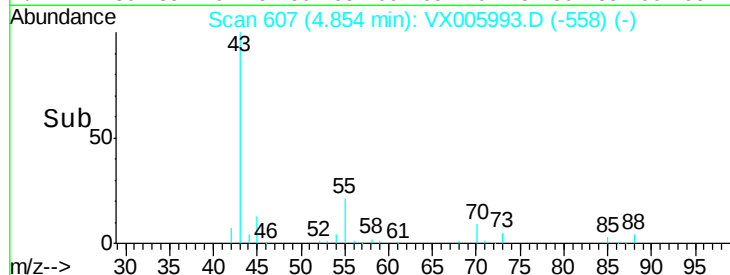
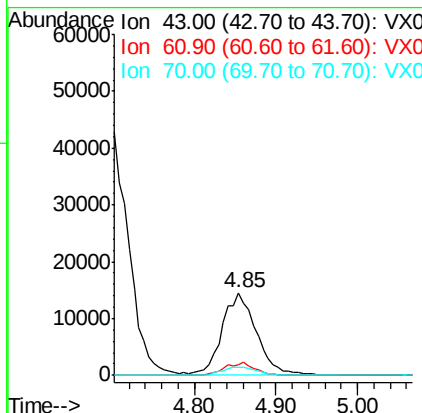
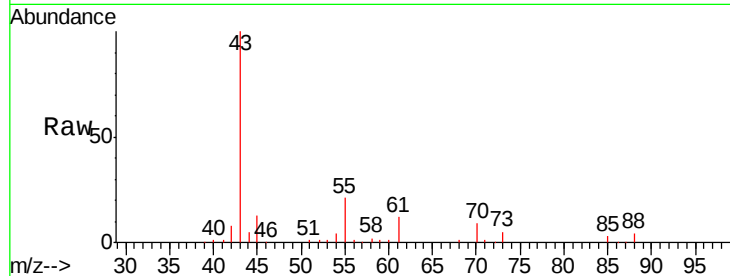
ClientSampleId :

VX1114WBS02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 41389 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 13.9  | 10.8  | 16.2  |
| 70       | 10.2  | 7.8   | 11.8  |

Manual Integrations  
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11/15/2018 1:03:58 PM



#38

Carbon Tetrachloride

Concen: 17.53 ug/l

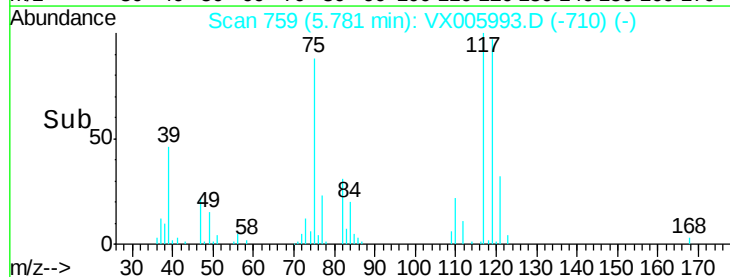
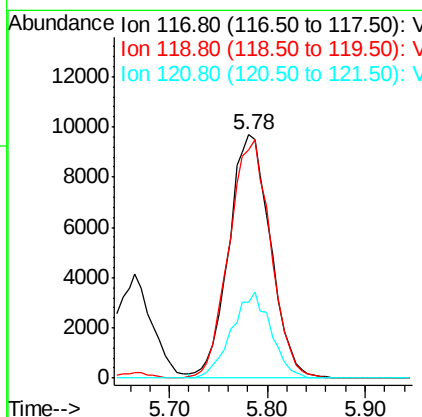
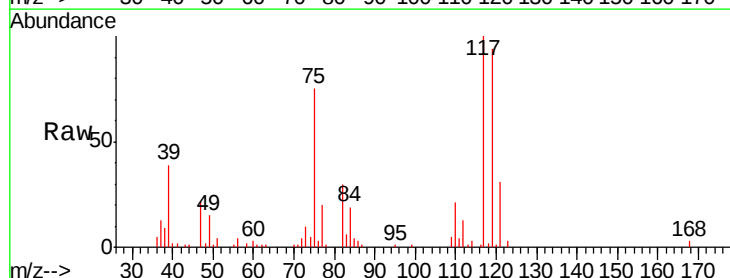
RT: 5.78 min Scan# 759

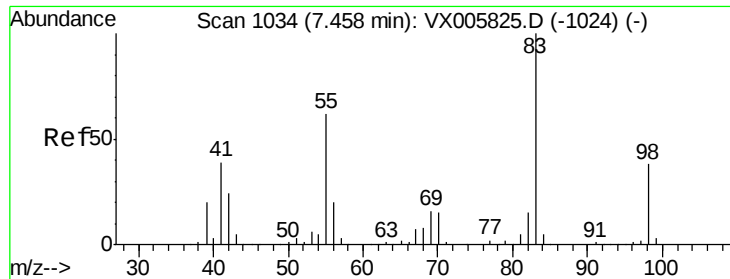
Delta R.T. -0.00 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 28600 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 93.9  | 78.1  | 117.1 |
| 121      | 31.3  | 24.6  | 36.8  |





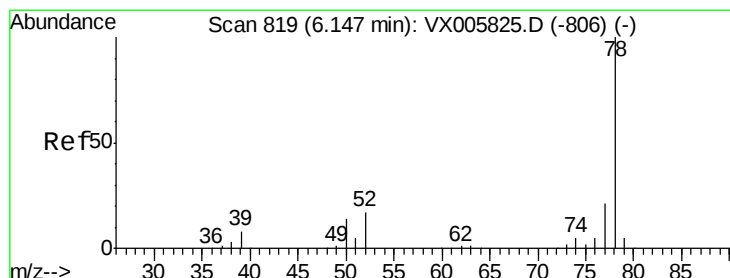
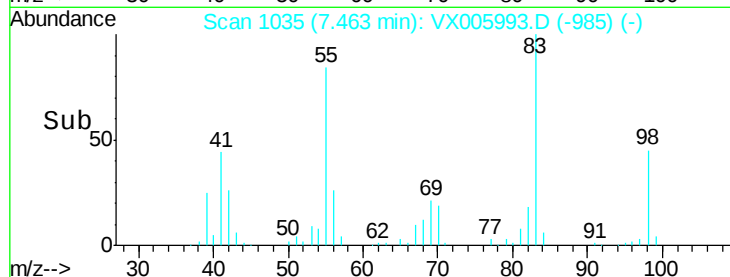
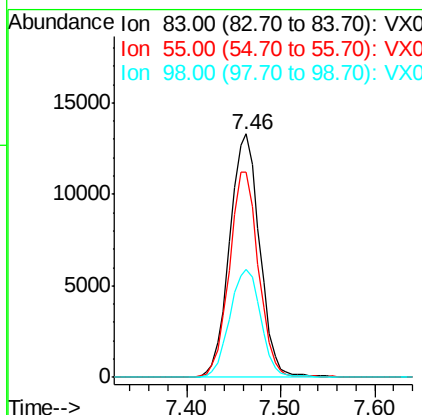
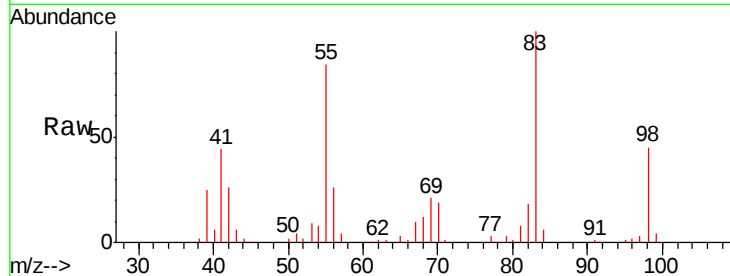
#39  
Methylcyclohexane  
Concen: 17.76 ug/l  
RT: 7.46 min Scan# 1035  
Delta R.T. 0.01 min  
Lab File: VX005993.D  
Acq: 15 Nov 2018 00:34

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1114WBS02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 84.1  | 63.7  | 95.5  |
| 98      | 44.5  | 36.2  | 54.2  |

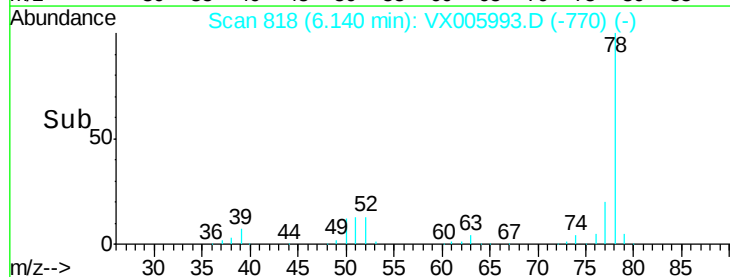
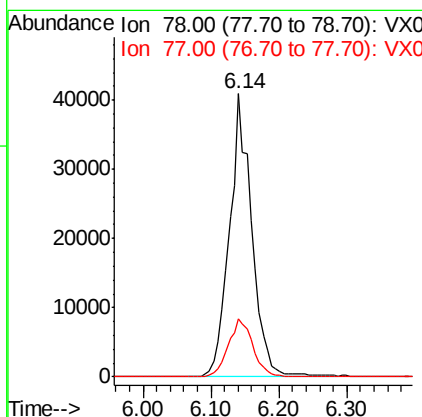
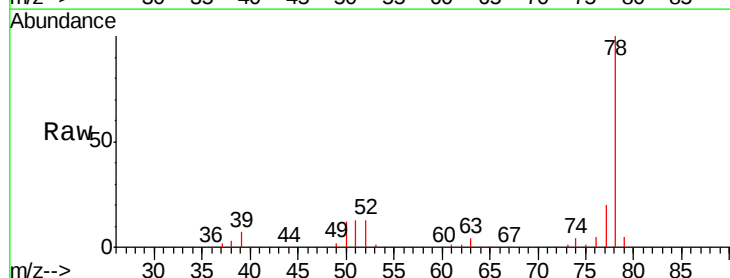
Manual Integrations  
APPROVED

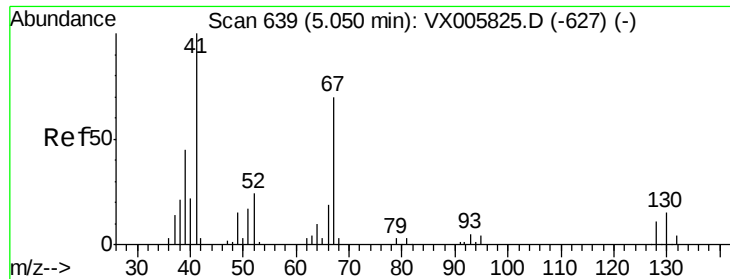
MMDadoda  
11/15/2018 1:03:58 PM



#40  
Benzene  
Concen: 19.67 ug/l  
RT: 6.14 min Scan# 818  
Delta R.T. -0.01 min  
Lab File: VX005993.D  
Acq: 15 Nov 2018 00:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 20.5  | 18.4  | 27.6  |





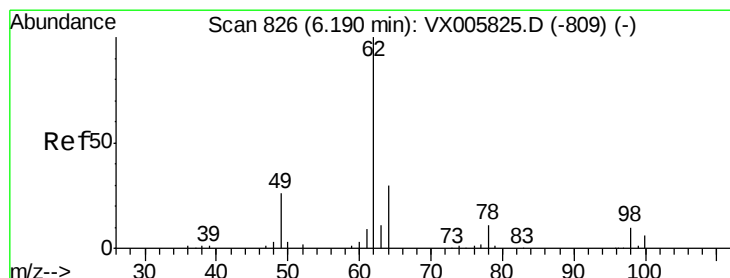
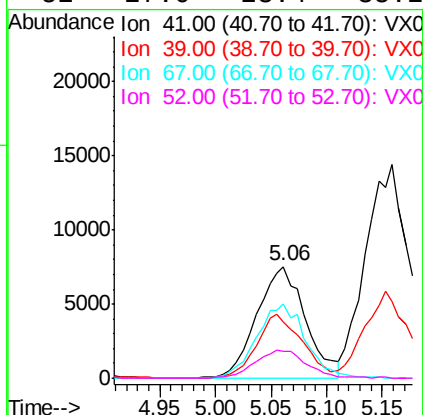
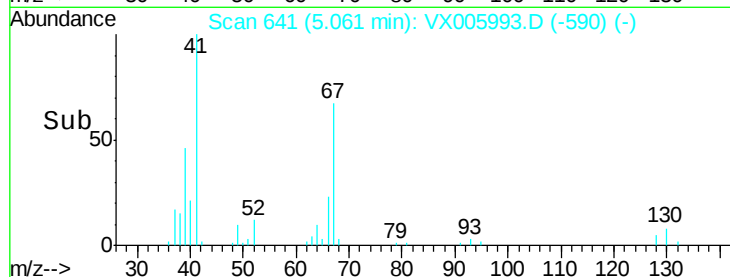
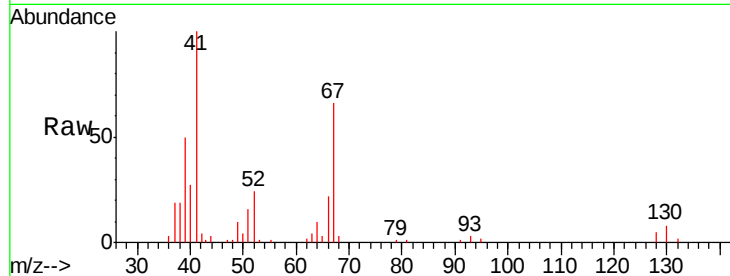
#41  
Methacrylonitrile  
Concen: 19.83 ug/l  
RT: 5.06 min Scan# 641  
Delta R.T. 0.01 min  
Lab File: VX005993.D  
Acq: 15 Nov 2018 00:34

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1114WBS02

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 53.7 | 42.2  | 63.2  |       |
| 67      | 66.6 | 53.4  | 80.0  |       |
| 52      | 27.0 | 23.4  | 35.2  |       |

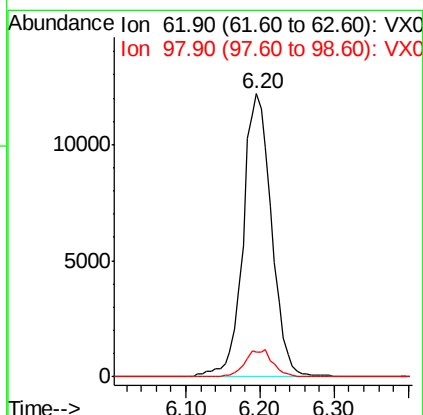
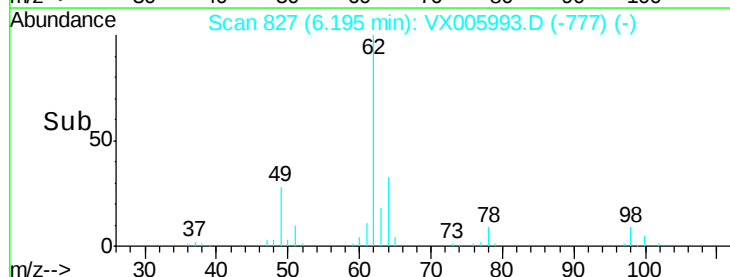
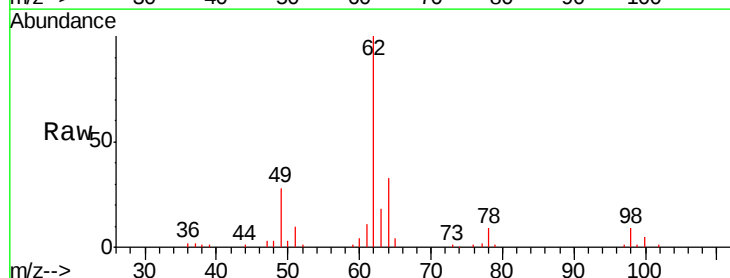
Manual Integrations  
APPROVED

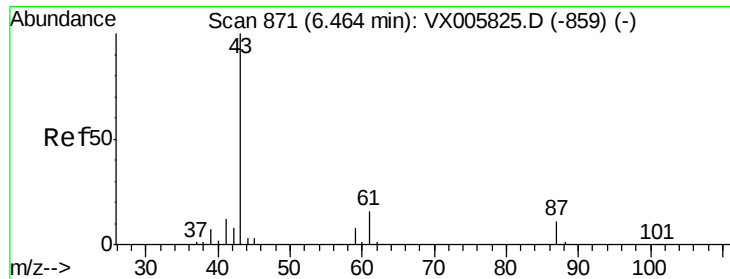
MMDadoda  
11/15/2018 1:03:58 PM



#42  
1,2-Dichloroethane  
Concen: 19.15 ug/l  
RT: 6.20 min Scan# 827  
Delta R.T. 0.01 min  
Lab File: VX005993.D  
Acq: 15 Nov 2018 00:34

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 62      | 100 |       |       |       |
| 98      | 9.2 | 0.0   | 17.8  |       |





#43

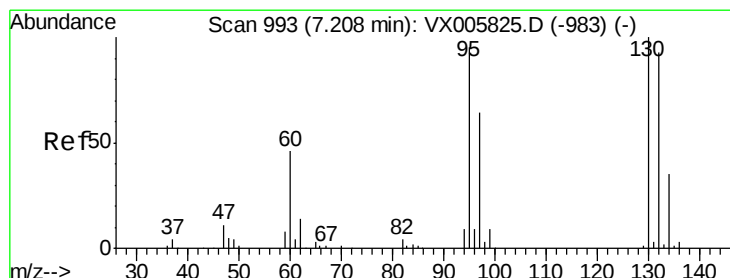
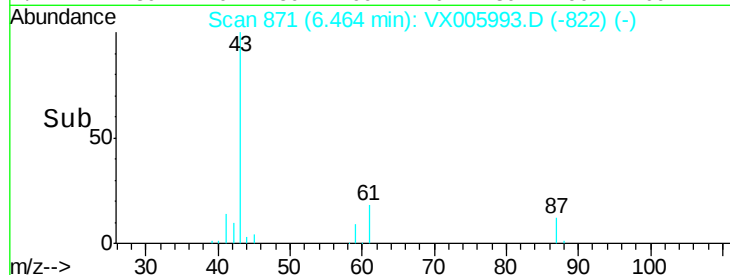
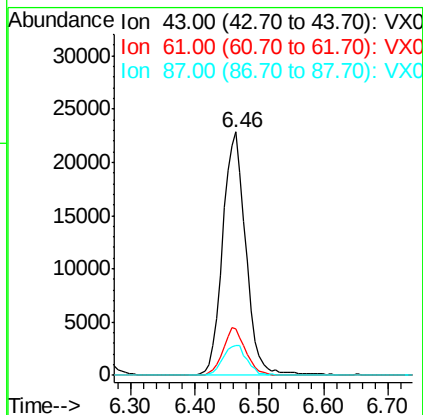
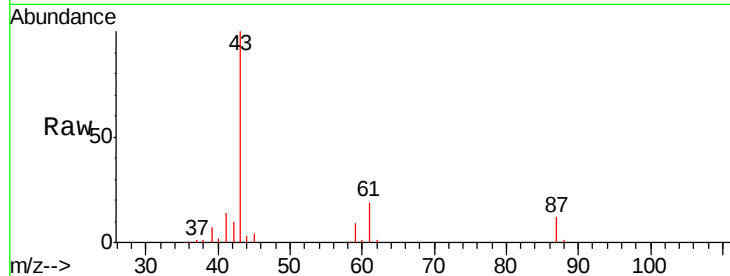
Isopropyl Acetate  
 Concen: 18.75 ug/l  
 RT: 6.46 min Scan# 871  
 Delta R.T. -0.00 min  
 Lab File: VX005993.D  
 Acq: 15 Nov 2018 00:34

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1114WBS02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 19.1  | 14.6  | 22.0  |
| 87      | 12.6  | 9.6   | 14.4  |

Manual Integrations  
 APPROVED

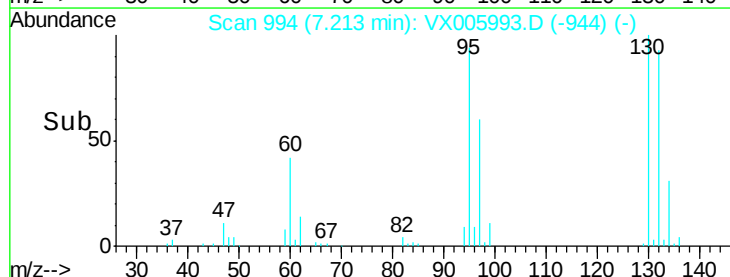
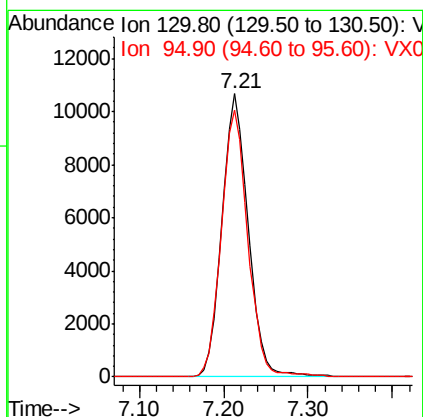
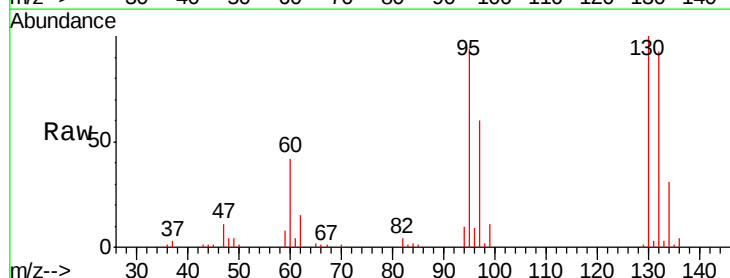
MMDadoda  
 11/15/2018 1:03:58 PM

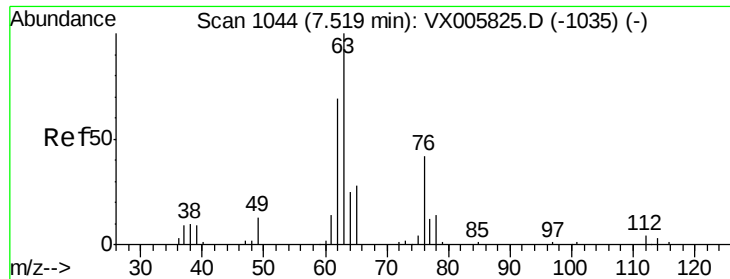


#44

Trichloroethene  
 Concen: 18.98 ug/l  
 RT: 7.21 min Scan# 994  
 Delta R.T. 0.01 min  
 Lab File: VX005993.D  
 Acq: 15 Nov 2018 00:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 94.4  | 0.0   | 194.2 |





#45

1,2-Dichloropropane

Concen: 20.55 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

Instrument :

MSVOA\_X

ClientSampleId :

VX1114WBS02

Tgt Ion: 63 Resp: 23698

Ion Ratio Lower Upper

63 100

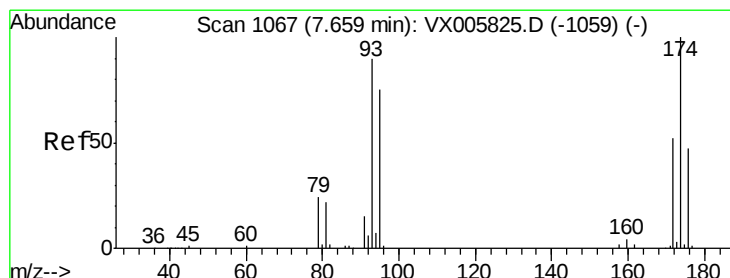
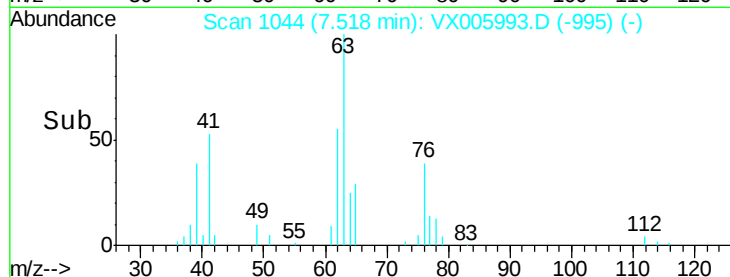
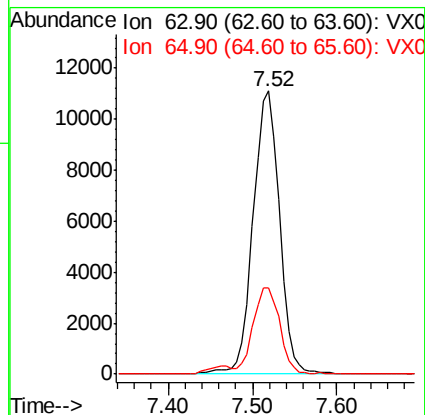
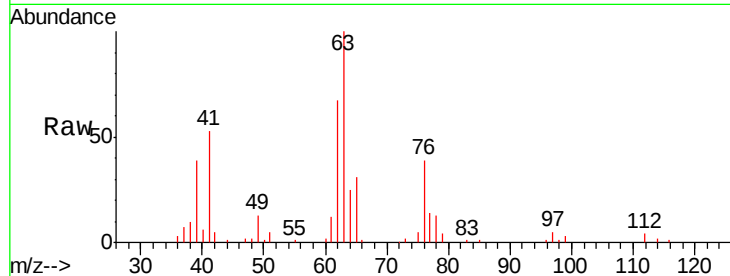
65 30.6 24.8 37.2

Manual Integrations

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11/15/2018 1:03:58 PM



#46

Dibromomethane

Concen: 20.54 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

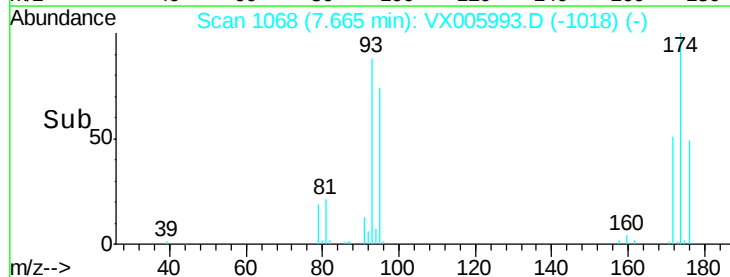
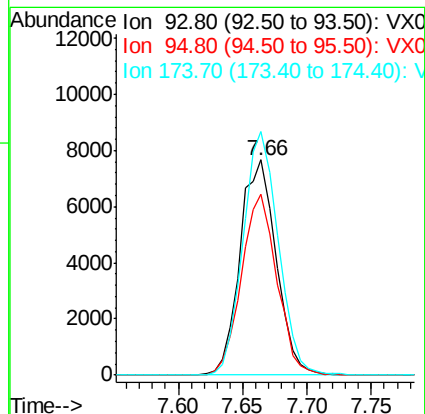
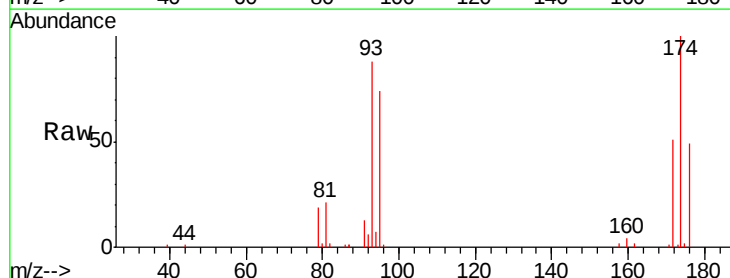
Tgt Ion: 93 Resp: 14862

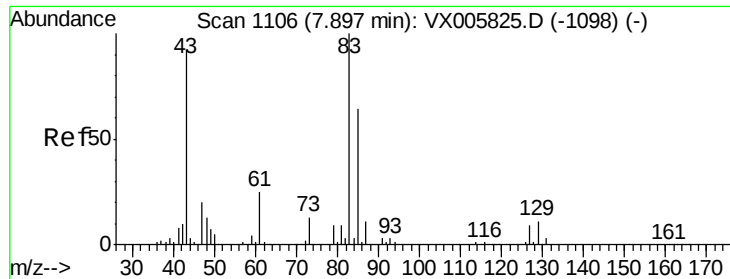
Ion Ratio Lower Upper

93 100

95 82.0 67.4 101.0

174 110.7 91.5 137.3





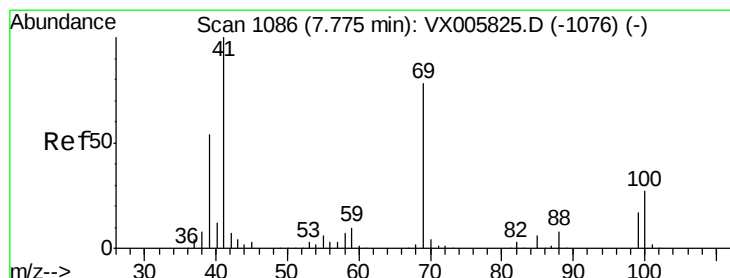
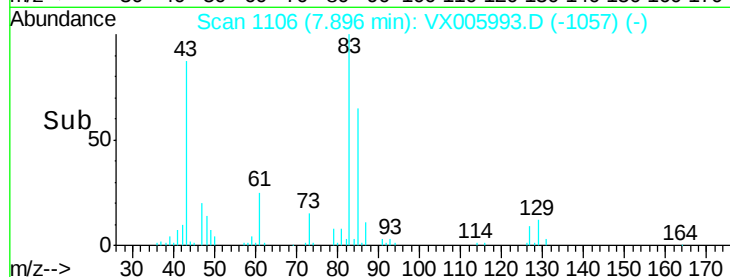
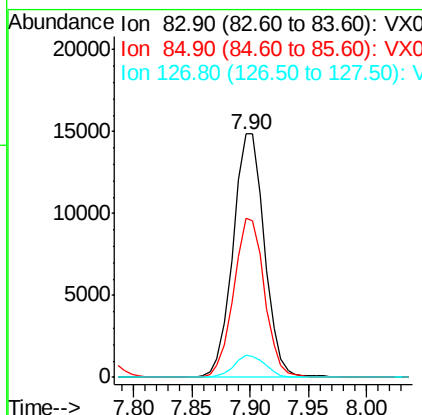
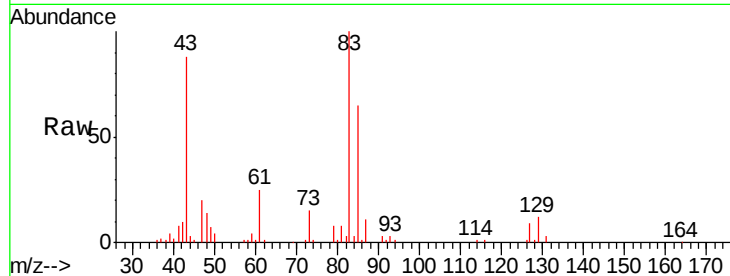
#47  
Bromodichloromethane  
Concen: 20.50 ug/l  
RT: 7.90 min Scan# 1106  
Delta R.T. -0.00 min  
Lab File: VX005993.D  
Acq: 15 Nov 2018 00:34

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1114WBS02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.1  | 50.2  | 75.4  |
| 127     | 9.4   | 6.9   | 10.3  |

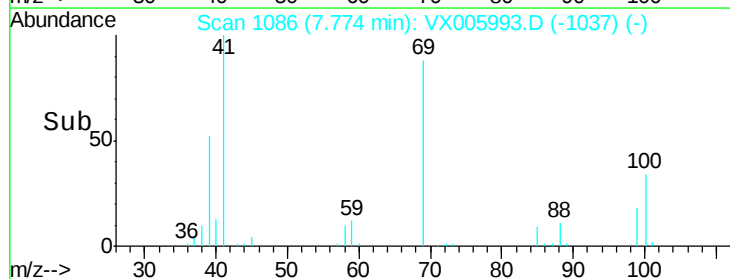
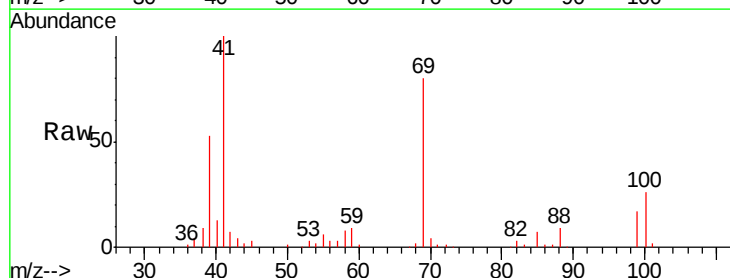
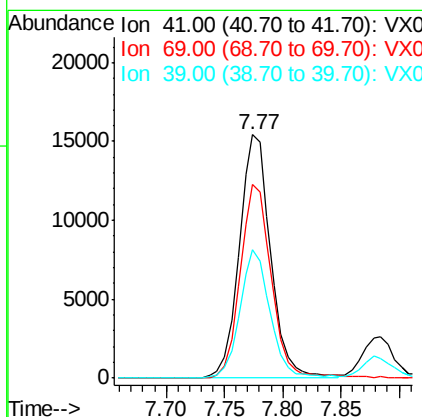
Manual Integrations  
APPROVED

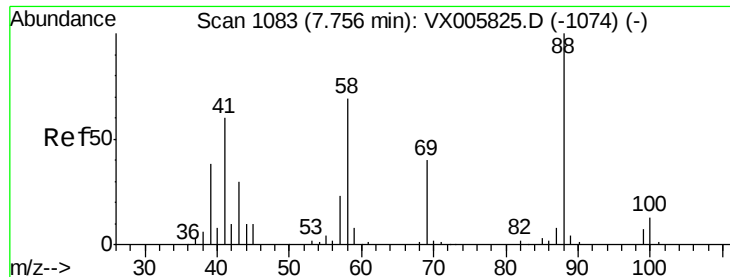
MMDadoda  
11/15/2018 1:03:58 PM



#48  
Methyl methacrylate  
Concen: 20.77 ug/l  
RT: 7.77 min Scan# 1086  
Delta R.T. -0.00 min  
Lab File: VX005993.D  
Acq: 15 Nov 2018 00:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 69      | 79.0  | 63.2  | 94.8  |
| 39      | 50.6  | 42.2  | 63.2  |





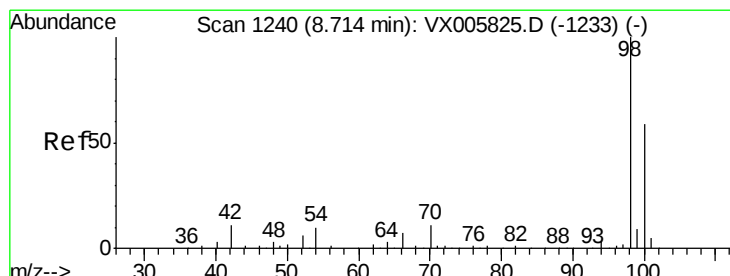
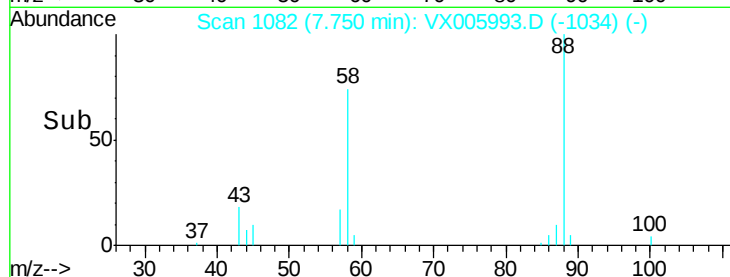
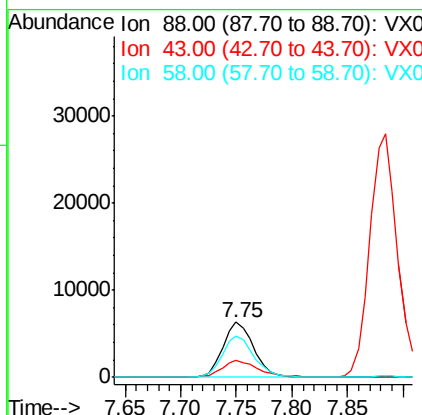
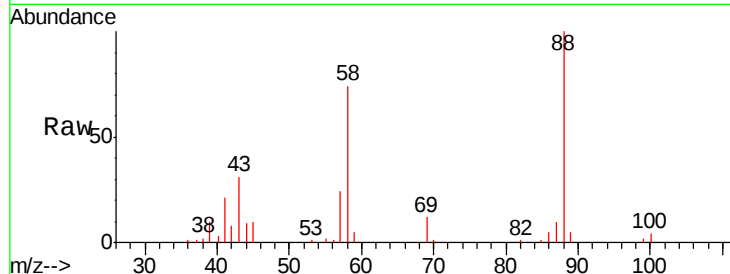
#49  
1,4-Dioxane  
Concen: 404.72 ug/l  
RT: 7.75 min Scan# 1082  
Delta R.T. -0.01 min  
Lab File: VX005993.D  
Acq: 15 Nov 2018 00:34

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1114WBS02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 36.8  | 27.4  | 41.0  |
| 58      | 77.0  | 59.4  | 89.2  |

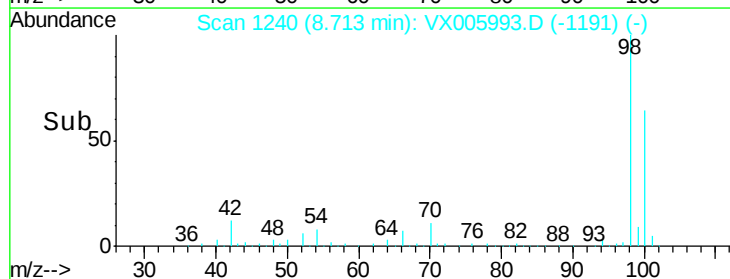
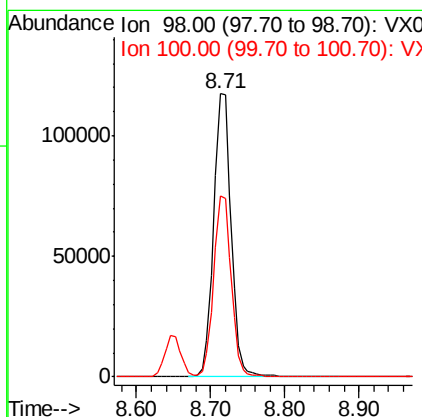
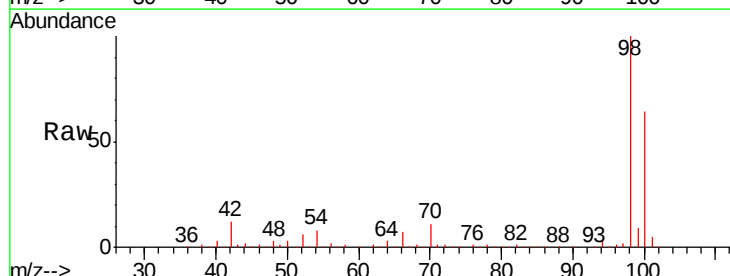
Manual Integrations  
APPROVED

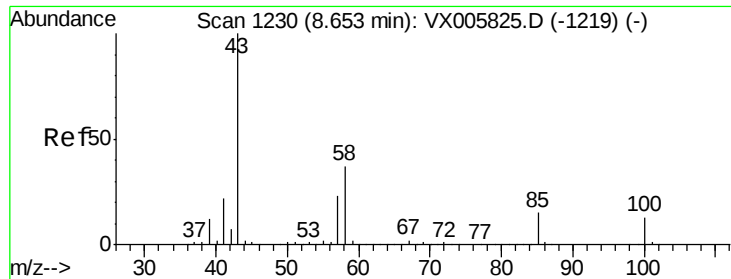
MMDadoda  
11/15/2018 1:03:58 PM



#50  
Toluene-d8  
Concen: 49.63 ug/l  
RT: 8.71 min Scan# 1240  
Delta R.T. -0.00 min  
Lab File: VX005993.D  
Acq: 15 Nov 2018 00:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 64.4  | 51.3  | 76.9  |





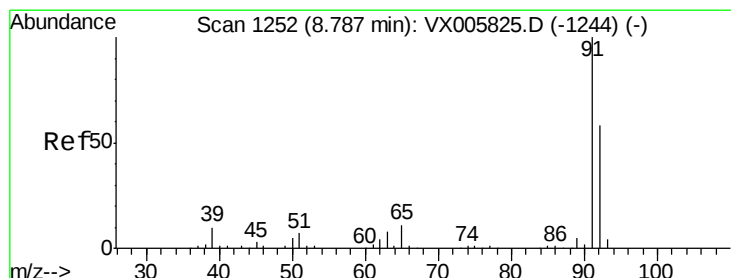
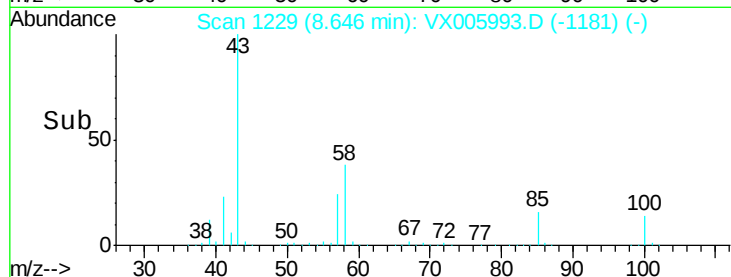
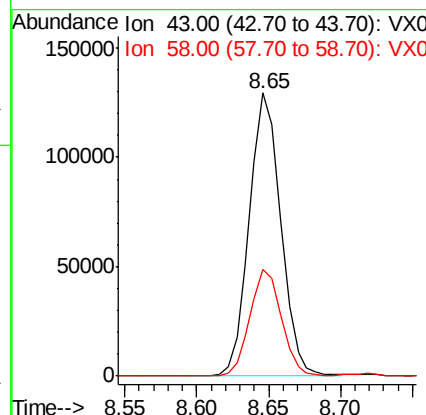
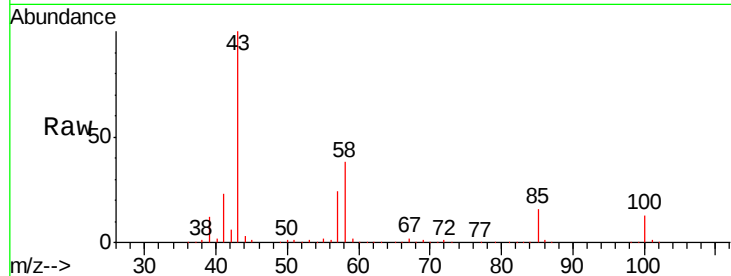
#51  
4-Methyl-2-Pentanone  
Concen: 100.41 ug/l  
RT: 8.65 min Scan# 1229  
Delta R.T. -0.01 min  
Lab File: VX005993.D  
Acq: 15 Nov 2018 00:34

Instrument :  
MSVOA\_X  
ClientSampled :  
VX1114WBS02

Tgt Ion: 43 Resp: 196494  
Ion Ratio Lower Upper  
43 100  
58 37.6 29.7 44.5

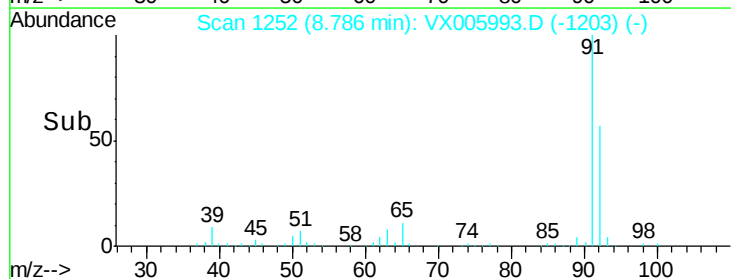
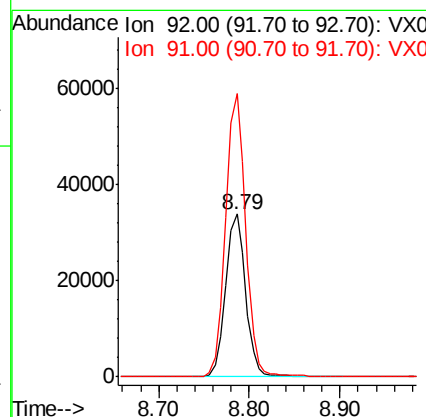
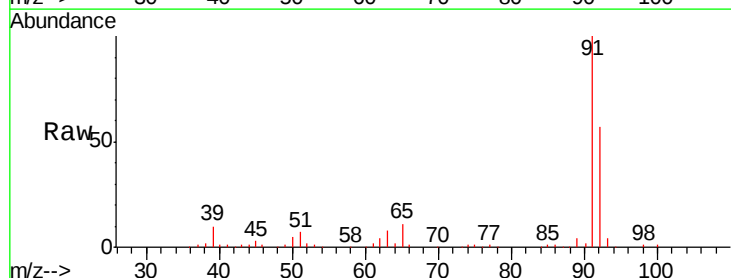
Manual Integrations  
APPROVED

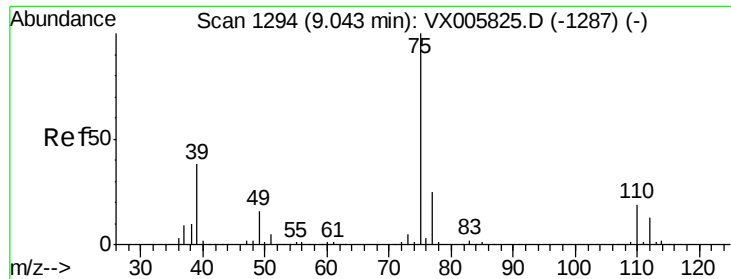
MMDadoda  
11/15/2018 1:03:58 PM



#52  
Toluene  
Concen: 19.69 ug/l  
RT: 8.79 min Scan# 1252  
Delta R.T. -0.00 min  
Lab File: VX005993.D  
Acq: 15 Nov 2018 00:34

Tgt Ion: 92 Resp: 52281  
Ion Ratio Lower Upper  
92 100  
91 174.7 140.4 210.6





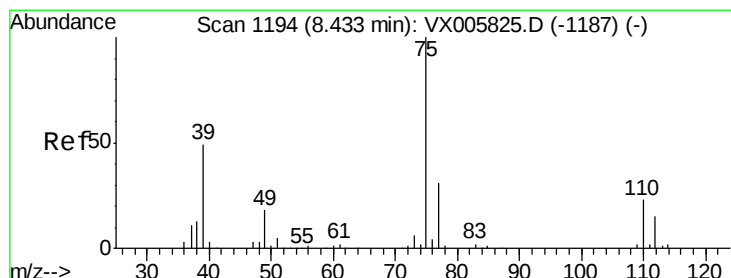
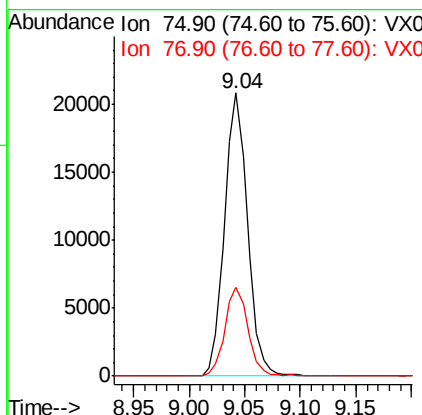
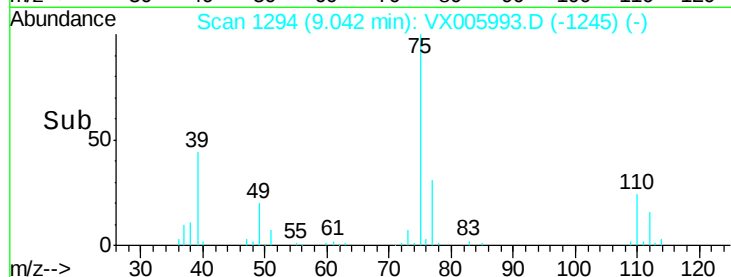
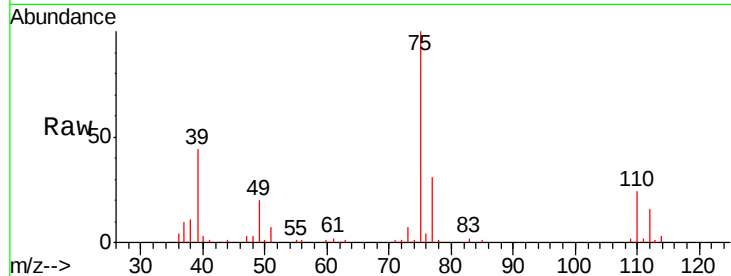
#53  
 t-1,3-Dichloropropene  
 Concen: 18.54 ug/l  
 RT: 9.04 min Scan# 1294  
 Delta R.T. -0.00 min  
 Lab File: VX005993.D  
 Acq: 15 Nov 2018 00:34

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1114WBS02

Tgt Ion: 75 Resp: 29911  
 Ion Ratio Lower Upper  
 75 100  
 77 31.3 25.4 38.2

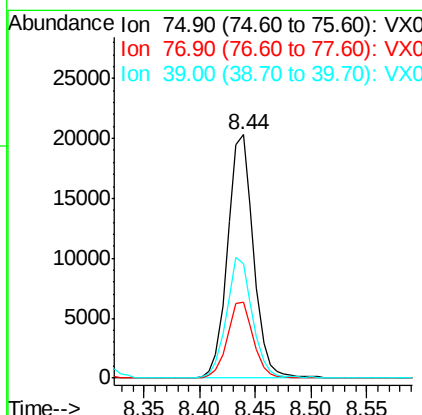
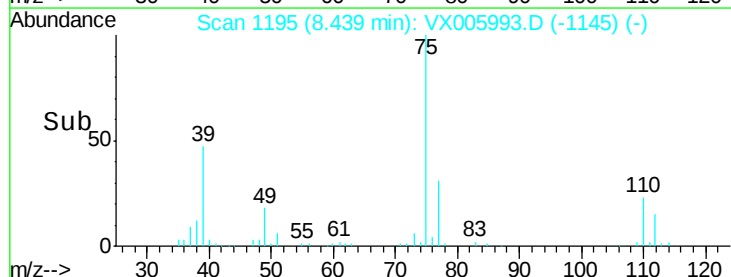
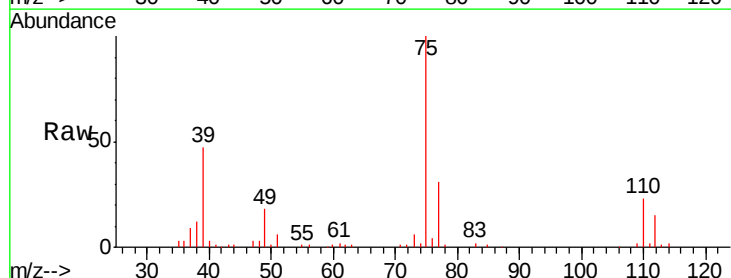
Manual Integrations  
 APPROVED

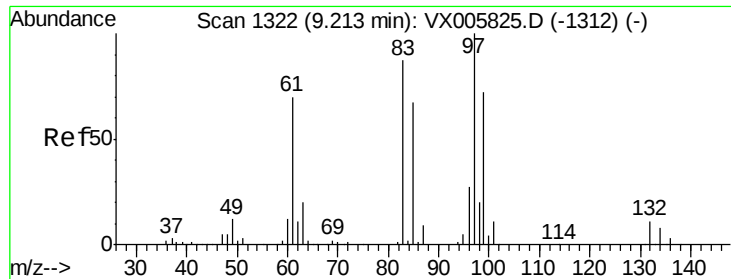
MMDadoda  
 11/15/2018 1:03:58 PM



#54  
 cis-1,3-Dichloropropene  
 Concen: 19.86 ug/l  
 RT: 8.44 min Scan# 1195  
 Delta R.T. 0.01 min  
 Lab File: VX005993.D  
 Acq: 15 Nov 2018 00:34

Tgt Ion: 75 Resp: 32666  
 Ion Ratio Lower Upper  
 75 100  
 77 31.2 25.2 37.8  
 39 46.8 38.2 57.2





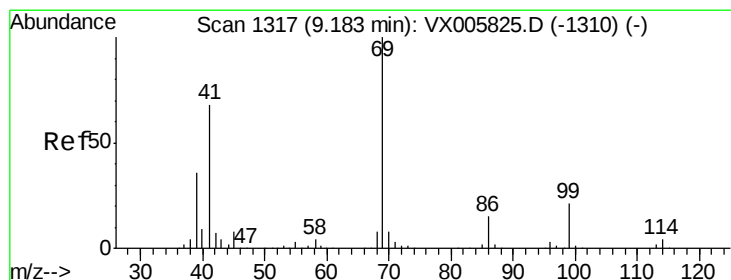
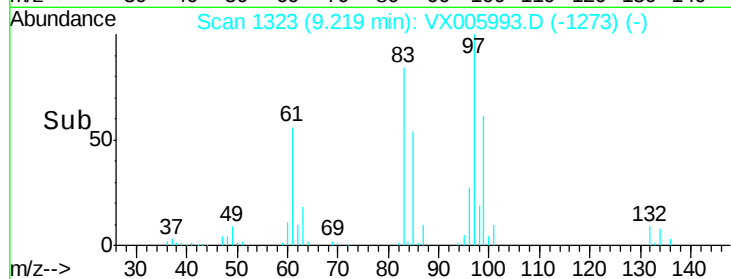
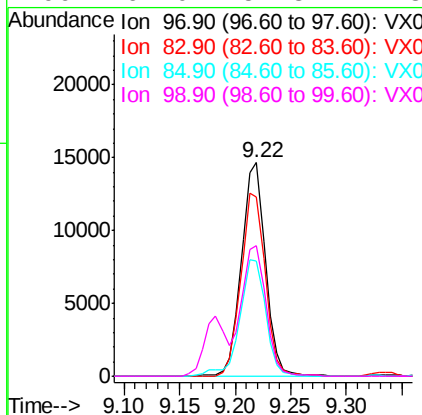
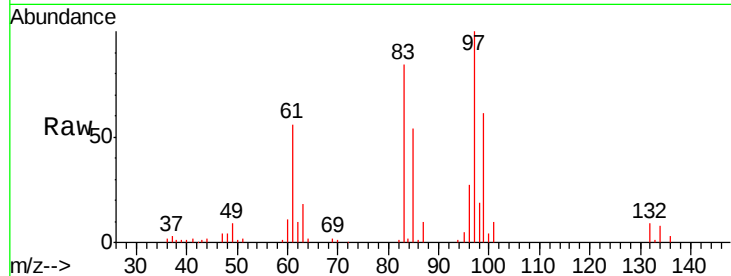
#55  
 1,1,2-Trichloroethane  
 Concen: 18.64 ug/l  
 RT: 9.22 min Scan# 1323  
 Delta R.T. 0.01 min  
 Lab File: VX005993.D  
 Acq: 15 Nov 2018 00:34

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1114WBS02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 83.8  | 70.7  | 106.1 |
| 85      | 53.7  | 45.8  | 68.6  |
| 99      | 61.0  | 51.8  | 77.8  |

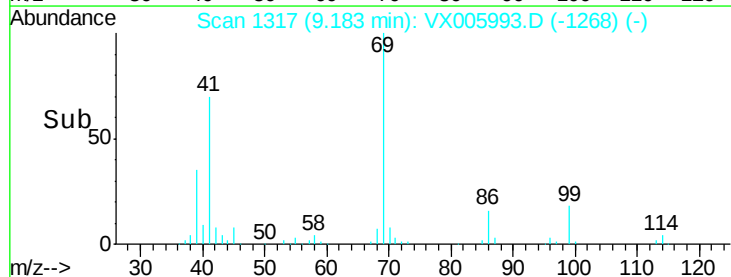
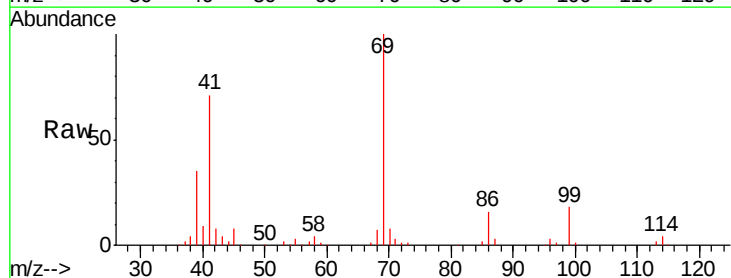
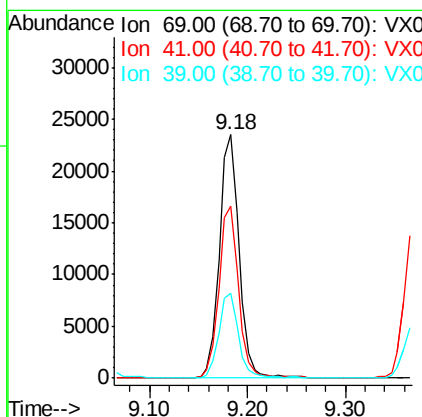
Manual Integrations  
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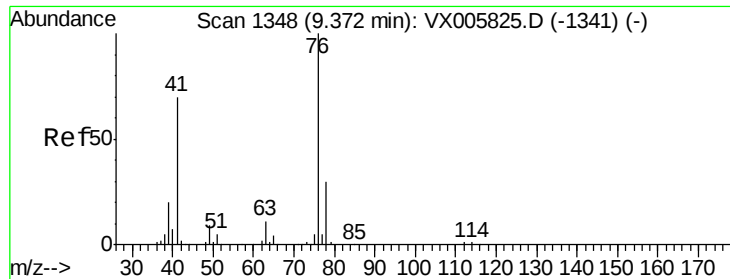
MMDadoda  
 11/15/2018 1:03:58 PM



#56  
 Ethyl methacrylate  
 Concen: 18.52 ug/l  
 RT: 9.18 min Scan# 1317  
 Delta R.T. -0.00 min  
 Lab File: VX005993.D  
 Acq: 15 Nov 2018 00:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 69      | 100   |       |       |
| 41      | 71.5  | 57.0  | 85.6  |
| 39      | 35.7  | 28.3  | 42.5  |





#57

1,3-Dichloropropane

Concen: 18.47 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

Instrument :

MSVOA\_X

ClientSampleId :

VX1114WBS02

Tgt Ion: 76 Resp: 36735

Ion Ratio Lower Upper

76 100

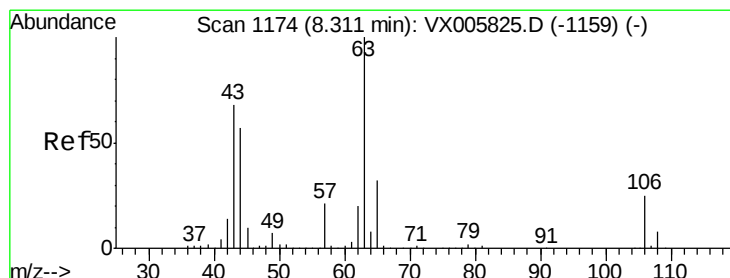
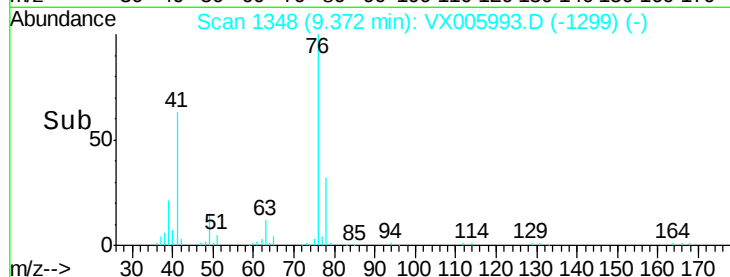
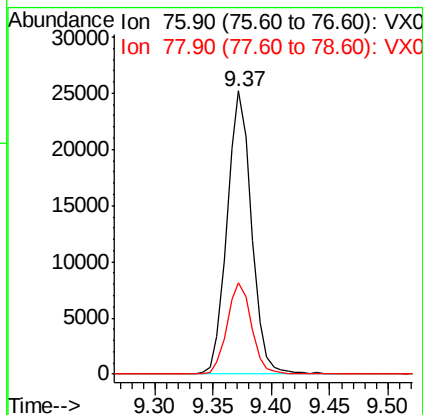
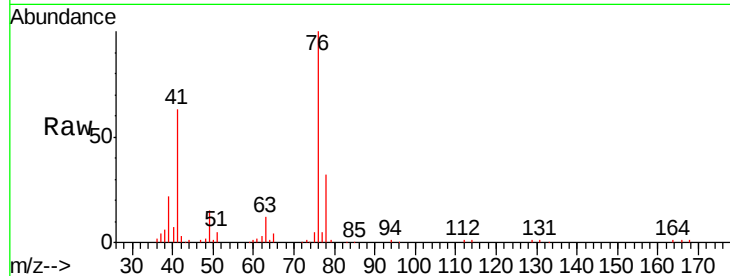
78 32.3 25.3 37.9

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#58

2-Chloroethyl Vinyl ether

Concen: 103.38 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX005993.D

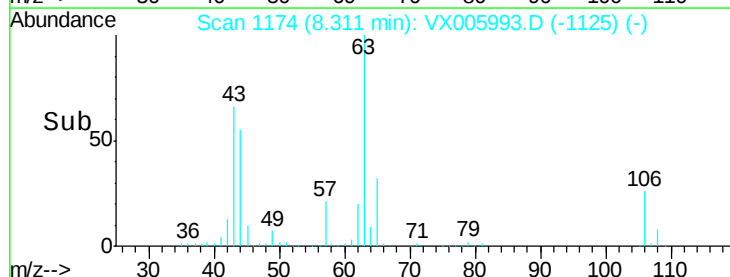
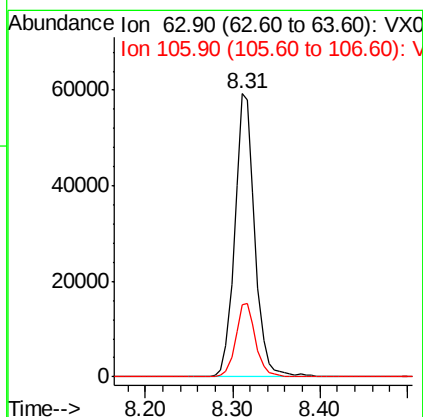
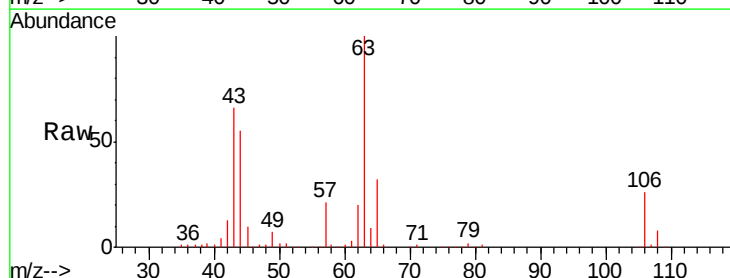
Acq: 15 Nov 2018 00:34

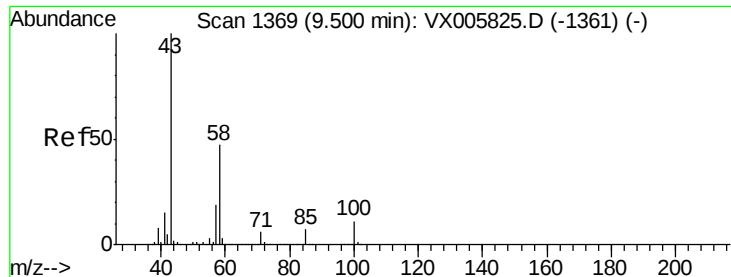
Tgt Ion: 63 Resp: 94884

Ion Ratio Lower Upper

63 100

106 25.8 21.3 31.9





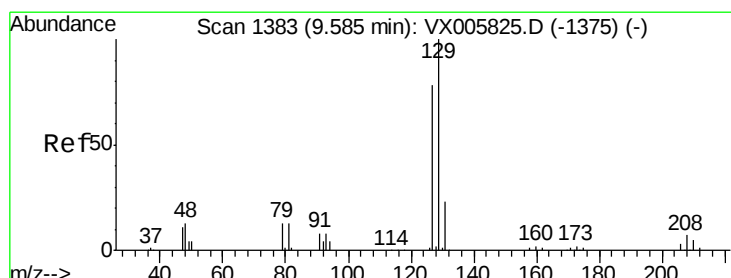
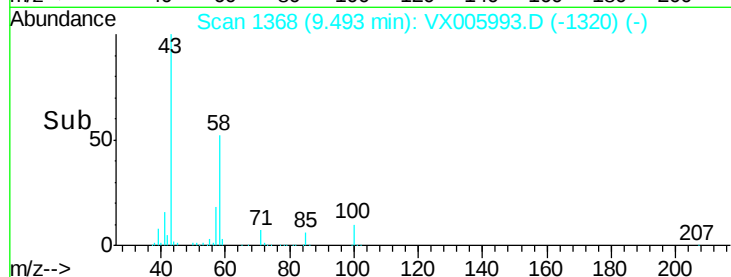
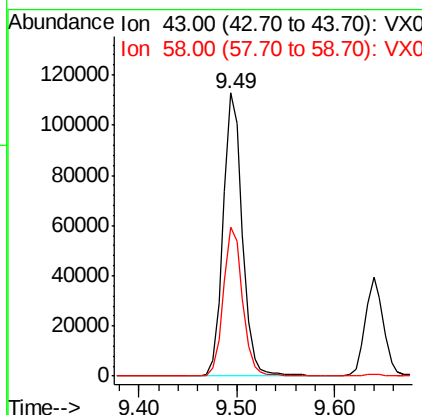
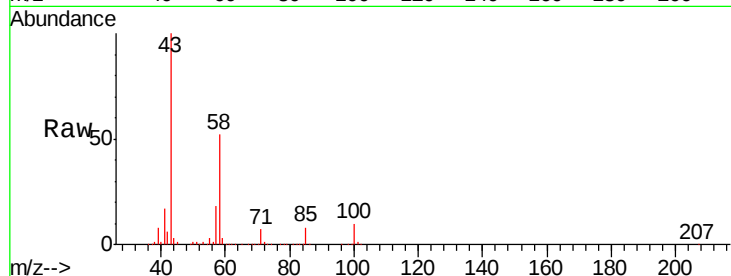
#59  
2-Hexanone  
Concen: 89.01 ug/l  
RT: 9.49 min Scan# 1368  
Delta R.T. -0.01 min  
Lab File: VX005993.D  
Acq: 15 Nov 2018 00:34

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1114WBS02

Tgt Ion: 43 Resp: 153539  
Ion Ratio Lower Upper  
43 100  
58 52.5 25.9 77.8

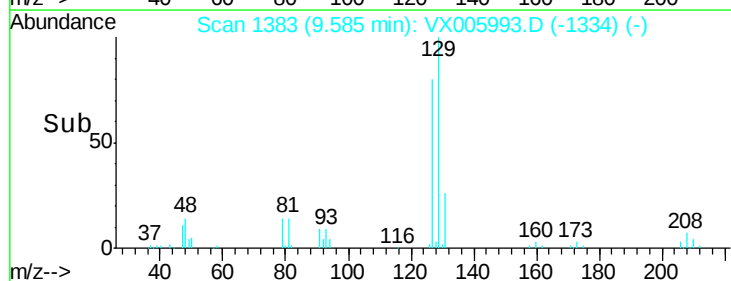
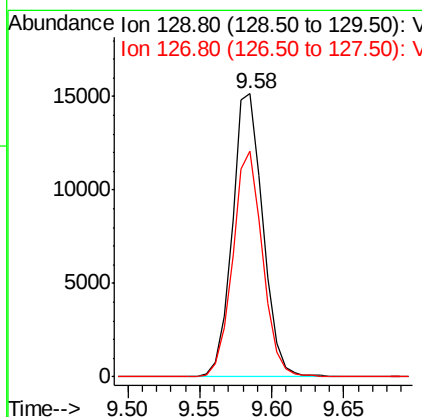
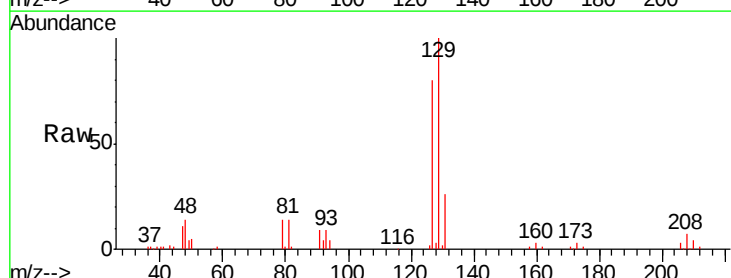
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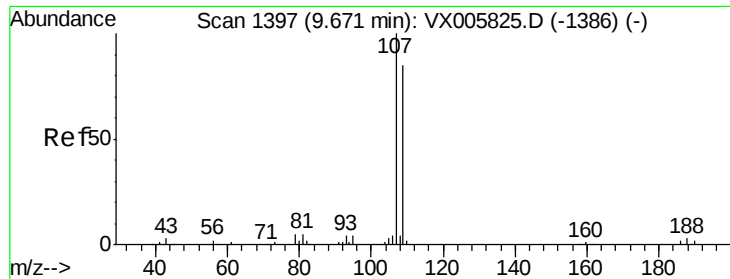
MMDadoda  
11/15/2018 1:03:58 PM



#60  
Dibromochloromethane  
Concen: 17.56 ug/l  
RT: 9.58 min Scan# 1383  
Delta R.T. -0.00 min  
Lab File: VX005993.D  
Acq: 15 Nov 2018 00:34

Tgt Ion: 129 Resp: 22452  
Ion Ratio Lower Upper  
129 100  
127 77.5 38.9 116.7





#61

1,2-Dibromoethane

Concen: 17.46 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

Instrument :

MSVOA\_X

ClientSampleId :

VX1114WBS02

Tgt Ion: 107 Resp: 22848

Ion Ratio Lower Upper

107 100

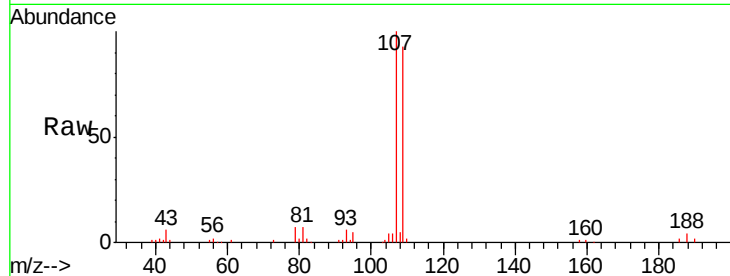
109 94.1 75.7 113.5

Manual Integrations

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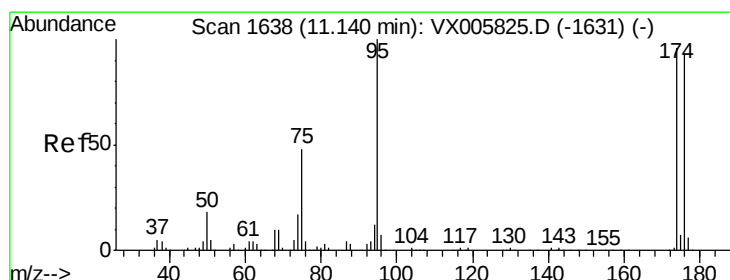
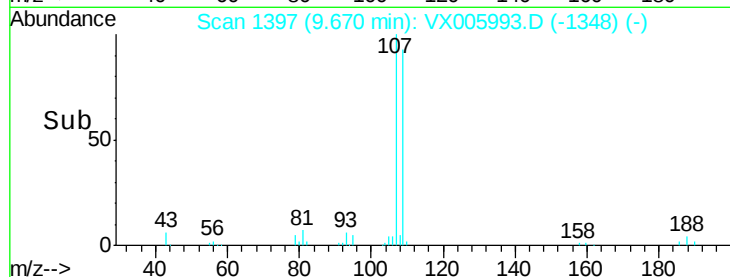
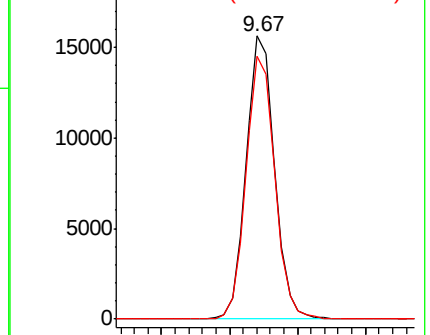
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.70 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

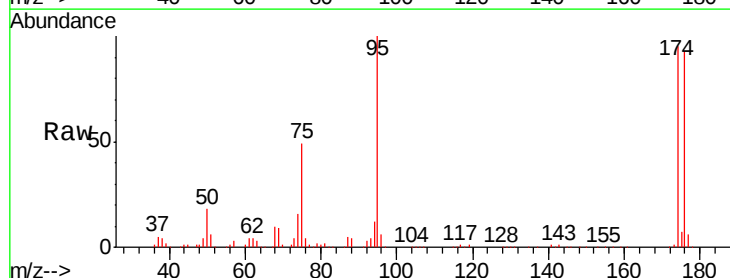
Tgt Ion: 95 Resp: 69674

Ion Ratio Lower Upper

95 100

174 90.4 0.0 184.4

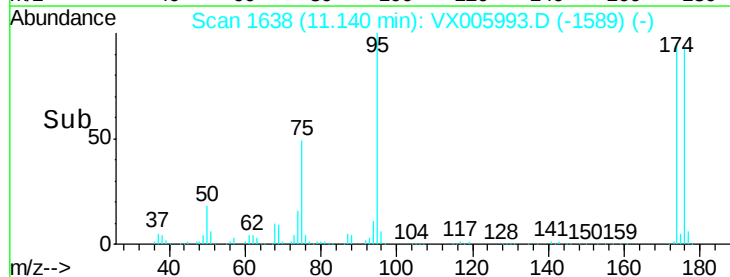
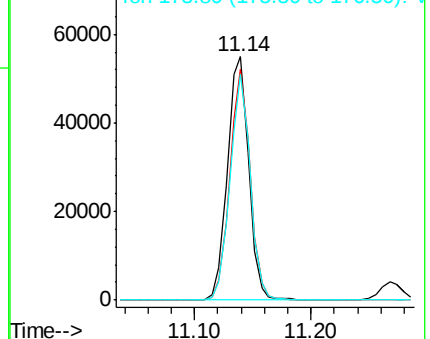
176 88.2 0.0 177.4

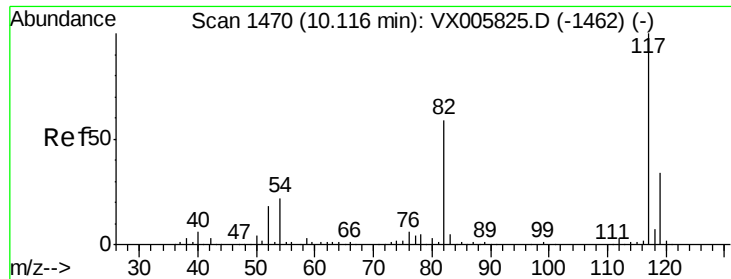


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

Instrument :

MSVOA\_X

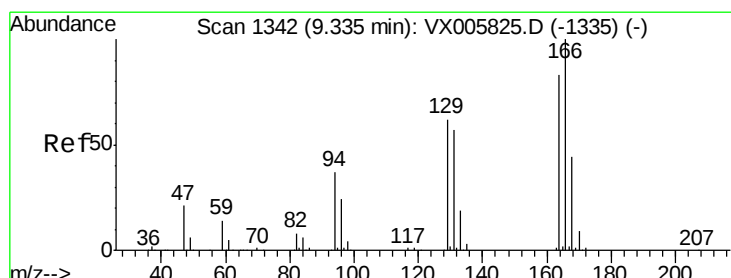
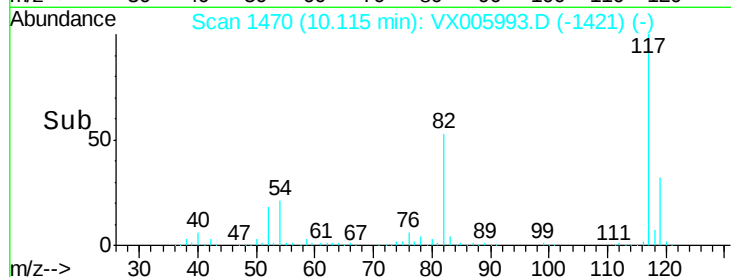
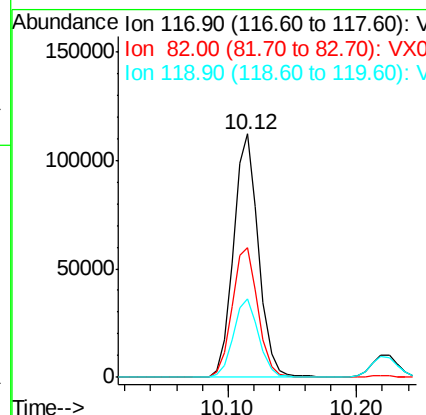
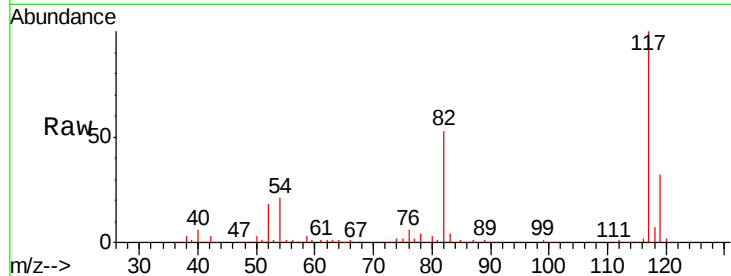
ClientSampleId :

VX1114WBS02

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 152274 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 53.5  | 44.1  | 66.1   |
| 119      | 32.2  | 26.2  | 39.2   |

Manual Integrations  
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#64

Tetrachloroethene

Concen: 18.47 ug/l

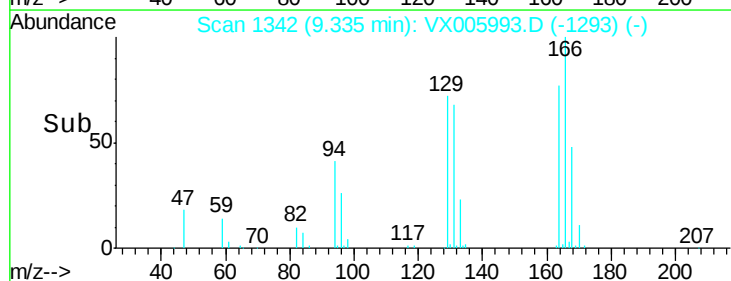
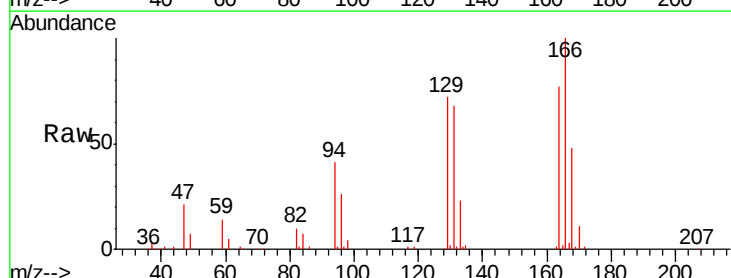
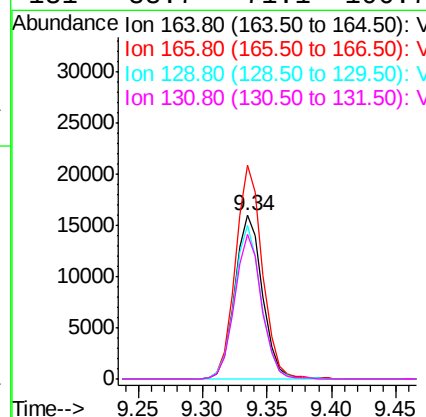
RT: 9.34 min Scan# 1342

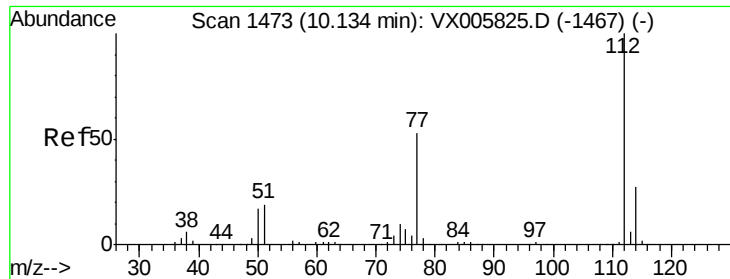
Delta R.T. -0.00 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 23940 |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 166      | 130.6 | 101.9 | 152.9 |
| 129      | 94.0  | 72.6  | 109.0 |
| 131      | 88.7  | 71.1  | 106.7 |





#65

Chlorobenzene

Concen: 19.26 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

Instrument :

MSVOA\_X

ClientSampleId :

VX1114WBS02

Tgt Ion:112 Resp: 58745

Ion Ratio Lower Upper

112 100

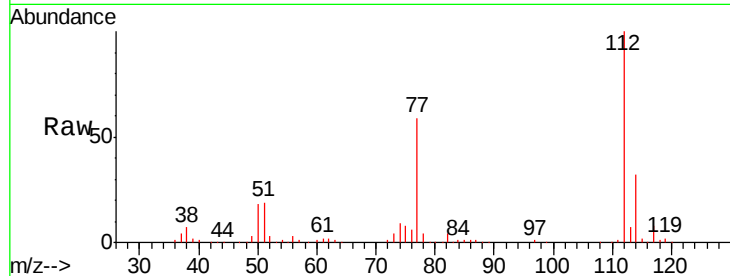
114 32.0 25.8 38.6

Manual Integrations

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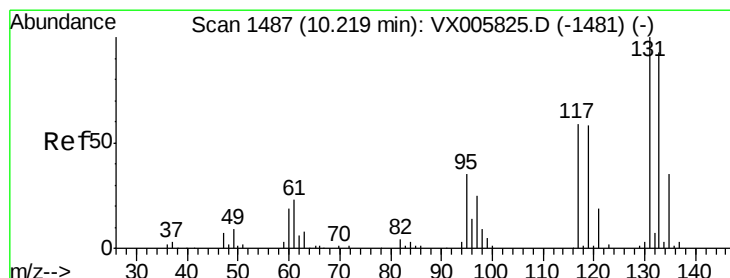
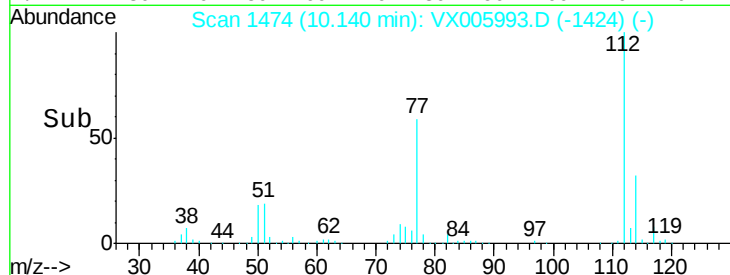
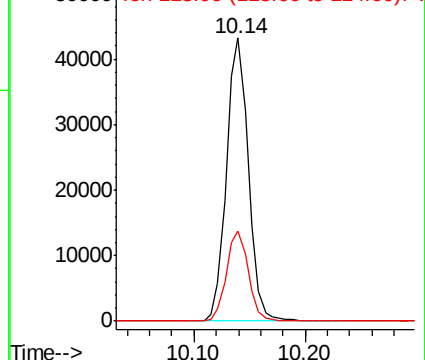
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.85 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

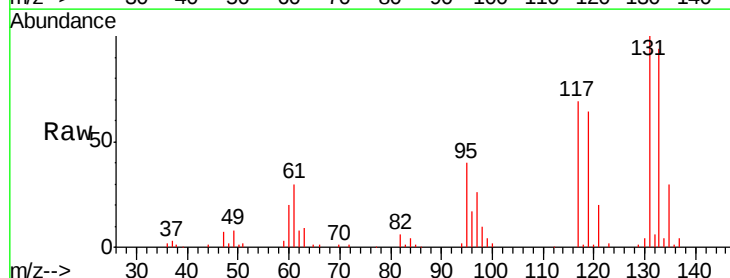
Tgt Ion:131 Resp: 21053

Ion Ratio Lower Upper

131 100

133 96.7 47.5 142.5

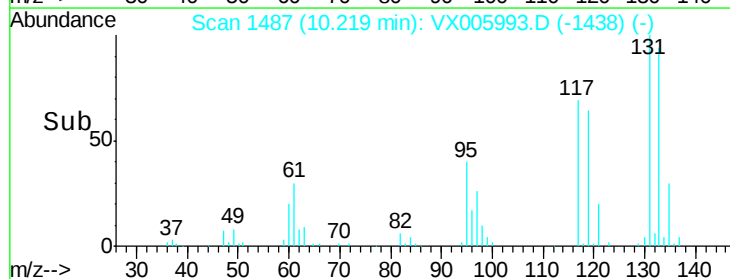
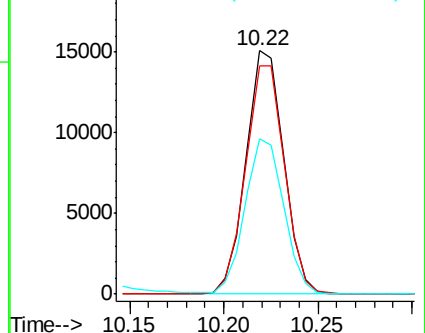
119 65.4 31.8 95.3

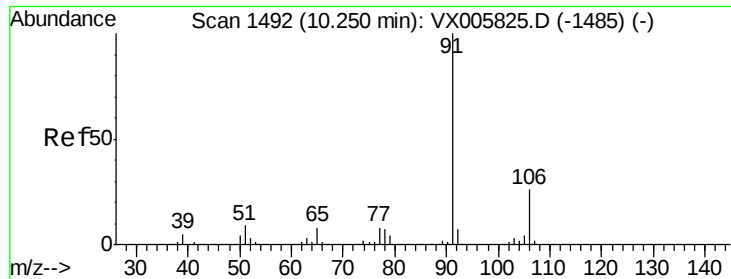


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 20.18 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

Instrument :

MSVOA\_X

ClientSampleId :

VX1114WBS02

Tgt Ion: 91 Resp: 98690

Ion Ratio Lower Upper

91 100

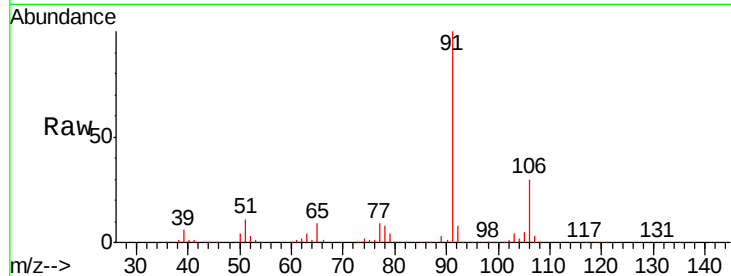
106 30.4 24.4 36.6

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX005825.D (-1485) (-)

Ion 106.00 (105.70 to 106.70): VX005825.D (-1485) (-)

100000

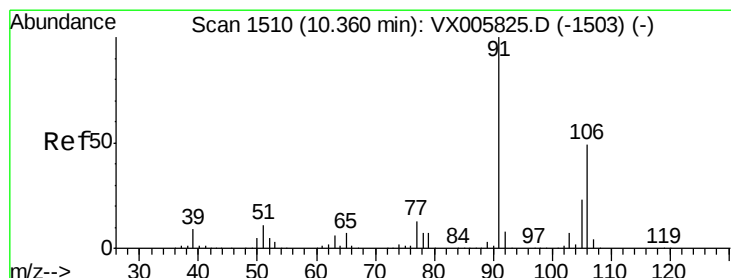
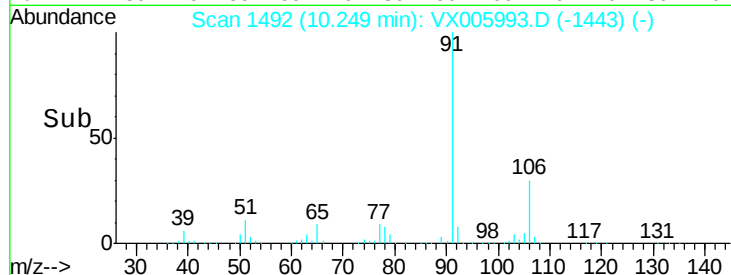
50000

0

10.25

10.30

Time-->



#68

m/p-Xylenes

Concen: 40.27 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005993.D

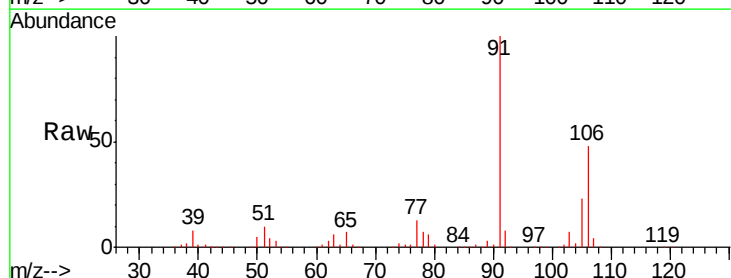
Acq: 15 Nov 2018 00:34

Tgt Ion: 106 Resp: 75144

Ion Ratio Lower Upper

106 100

91 206.5 164.2 246.4



Abundance Ion 106.00 (105.70 to 106.70): VX005825.D (-1503) (-)

Ion 91.00 (90.70 to 91.70): VX005825.D (-1503) (-)

100000

50000

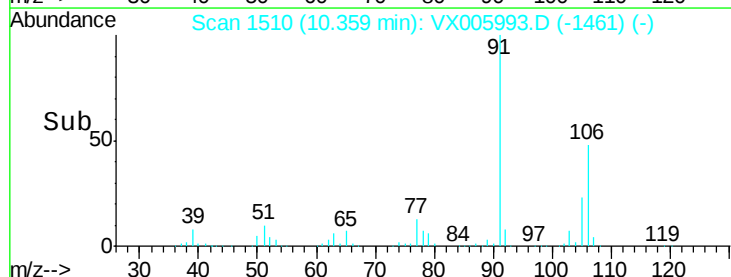
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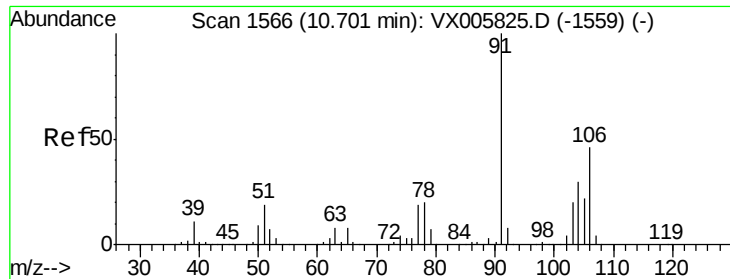
10.36

10.40

10.50

Time-->





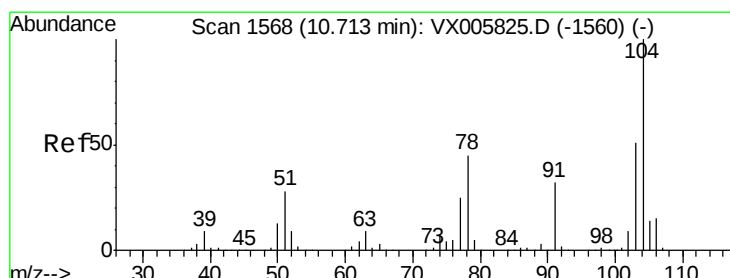
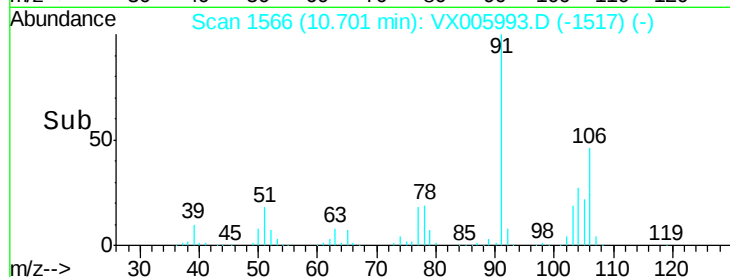
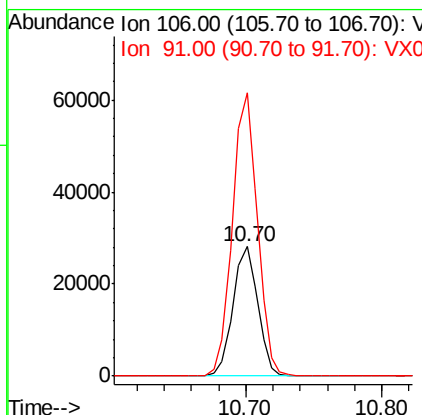
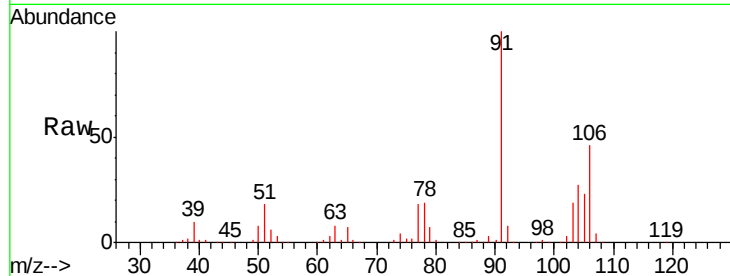
#69  
o-Xylene  
Concen: 21.43 ug/l  
RT: 10.70 min Scan# 1566  
Delta R.T. -0.00 min  
Lab File: VX005993.D  
Acq: 15 Nov 2018 00:34

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1114WBS02

Tgt Ion:106 Resp: 35858  
Ion Ratio Lower Upper  
106 100  
91 220.3 108.5 325.5

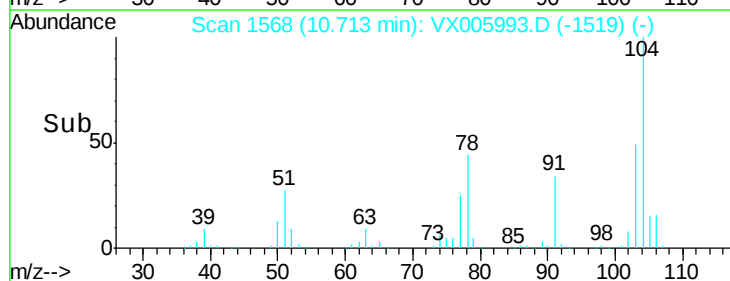
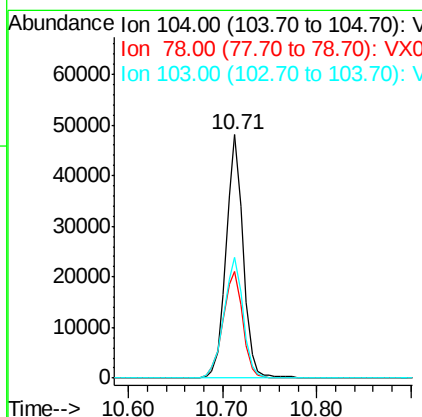
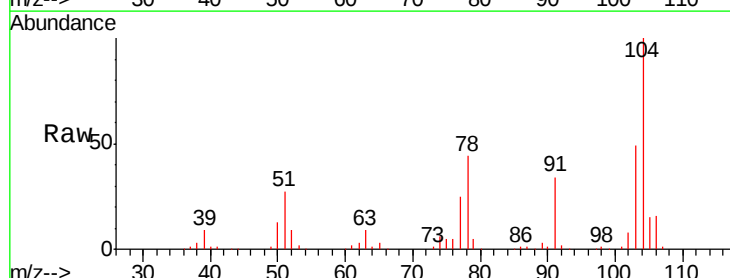
Manual Integrations  
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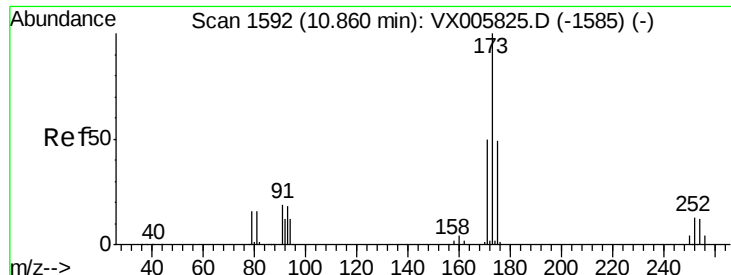
MMDadoda  
11/15/2018 1:03:58 PM



#70  
Styrene  
Concen: 21.93 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. -0.00 min  
Lab File: VX005993.D  
Acq: 15 Nov 2018 00:34

Tgt Ion:104 Resp: 60527  
Ion Ratio Lower Upper  
104 100  
78 50.8 40.2 60.4  
103 55.6 44.9 67.3





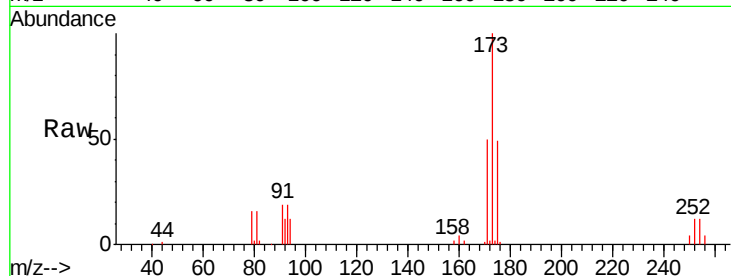
#71  
Bromoform  
Concen: 20.32 ug/l  
RT: 10.86 min Scan# 1592  
Delta R.T. -0.00 min  
Lab File: VX005993.D  
Acq: 15 Nov 2018 00:34

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1114WBS02

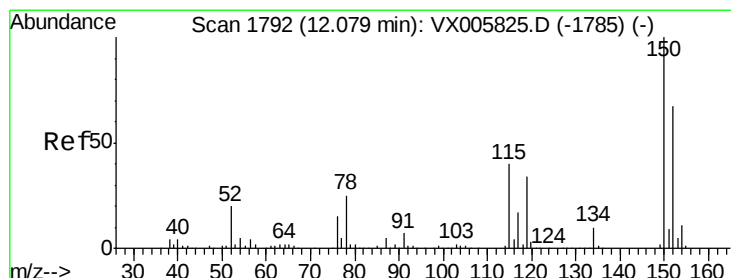
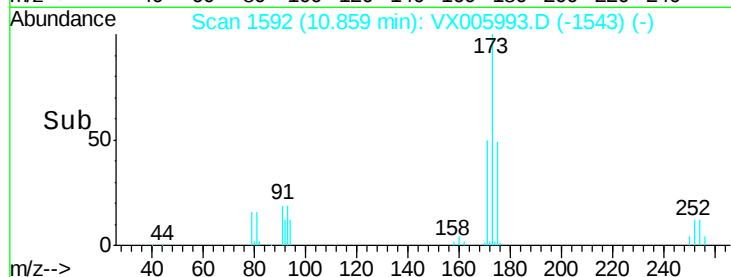
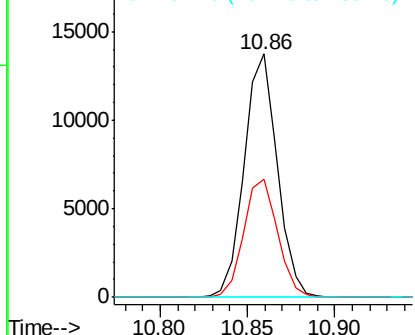
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 49.6  | 24.8  | 74.3  |
| 254     | 0.0   | 0.2   | 0.2   |

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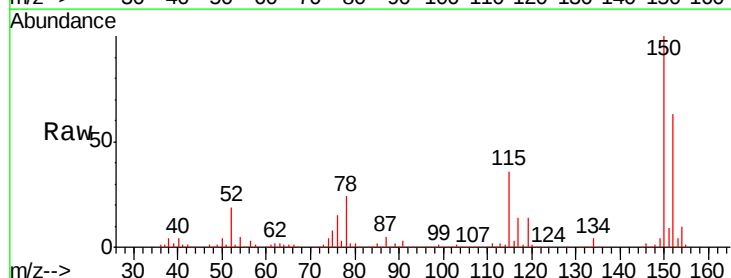


Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V

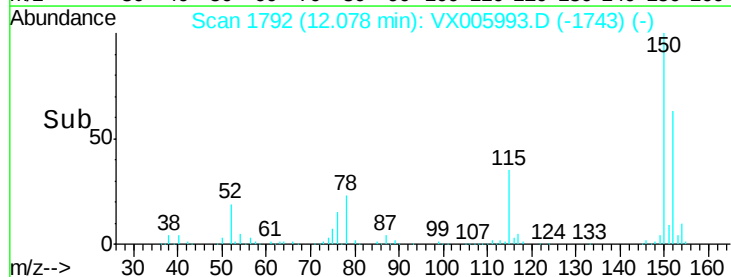
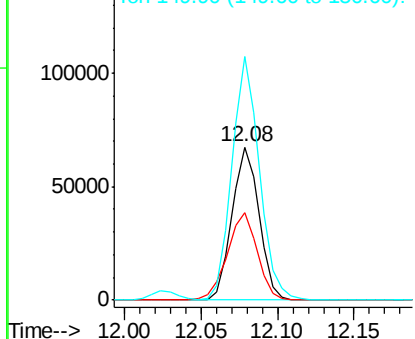


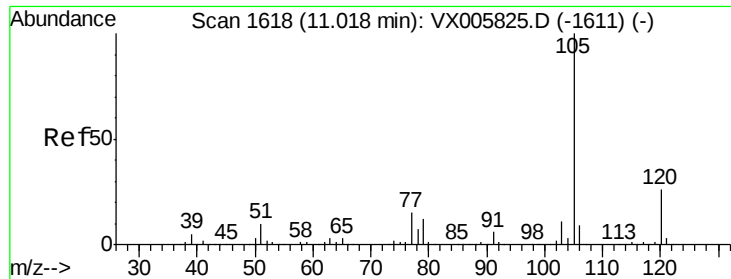
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.08 min Scan# 1792  
Delta R.T. -0.00 min  
Lab File: VX005993.D  
Acq: 15 Nov 2018 00:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 63.3  | 39.4  | 118.1 |
| 150     | 161.8 | 0.0   | 346.4 |



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.18 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

Instrument :

MSVOA\_X

ClientSampleId :

VX1114WBS02

Tgt Ion: 105 Resp: 101117

Ion Ratio Lower Upper

105 100

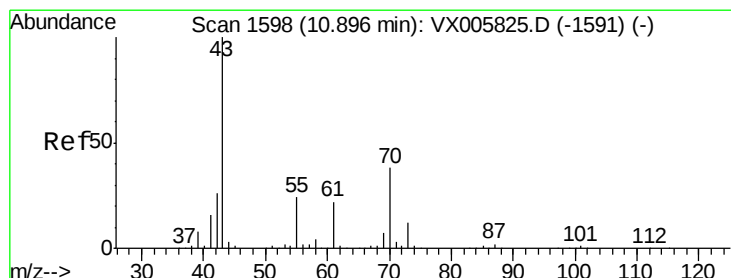
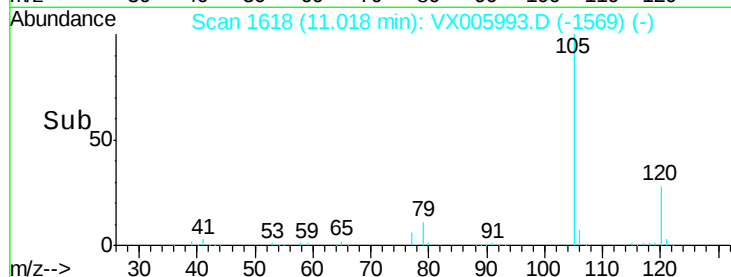
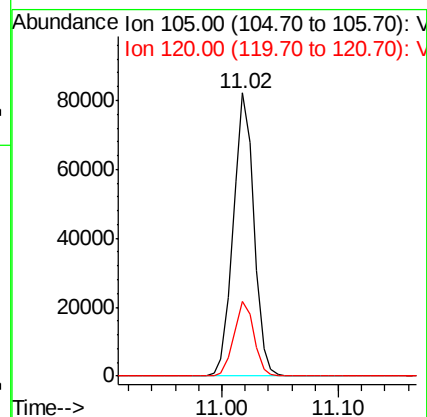
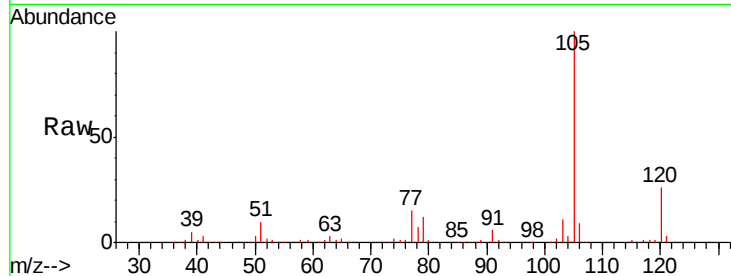
120 26.0 13.1 39.3

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#74

N-ethyl acetate

Concen: 19.00 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

Tgt Ion: 43 Resp: 48755

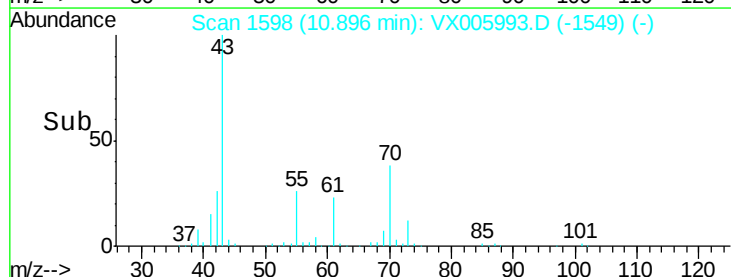
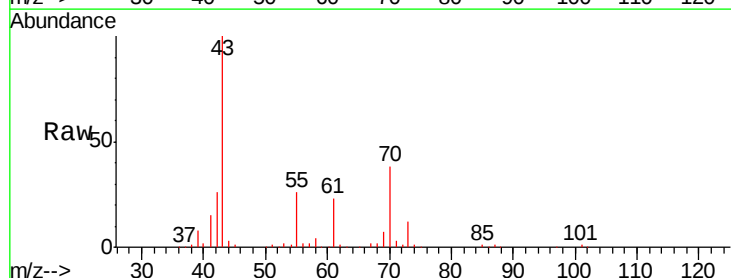
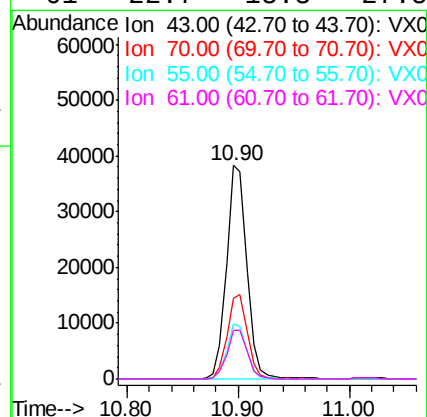
Ion Ratio Lower Upper

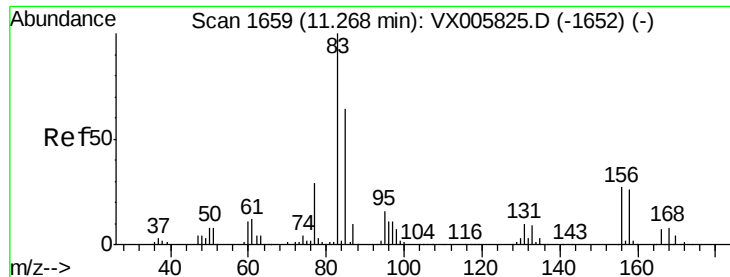
43 100

70 39.1 31.6 47.4

55 25.5 19.7 29.5

61 22.7 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.16 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

Instrument :

MSVOA\_X

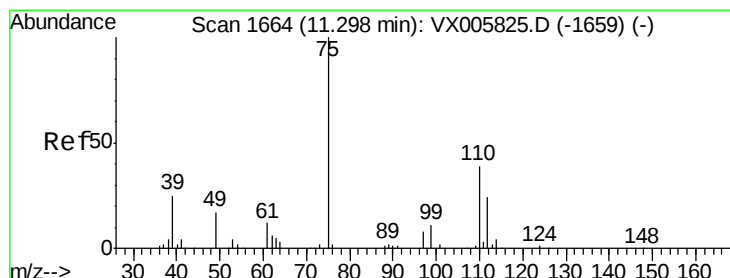
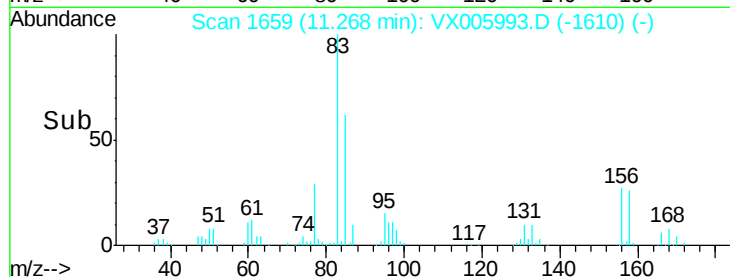
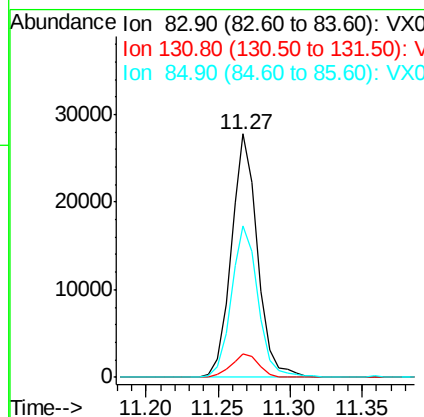
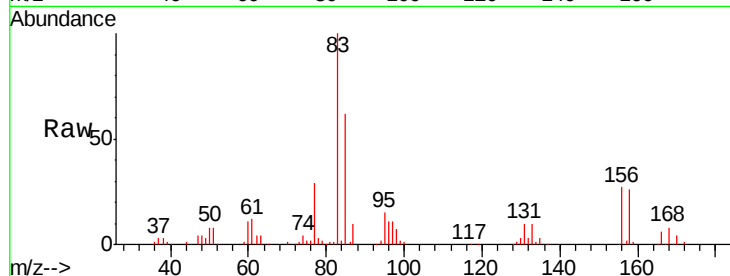
ClientSampleId :

VX1114WBS02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 83    | Resp: | 35319 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 10.2  | 5.3   | 15.9  |
| 85        | 63.7  | 32.0  | 96.2  |

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#76

1,2,3-Trichloropropane

Concen: 20.43 ug/l m

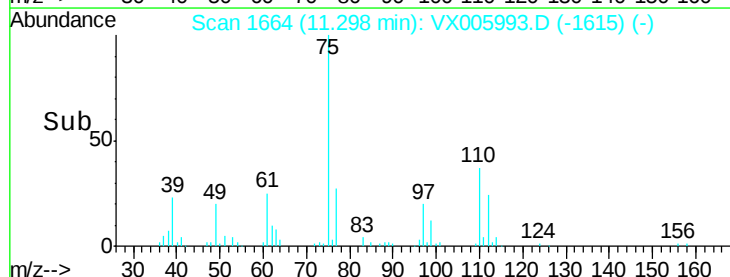
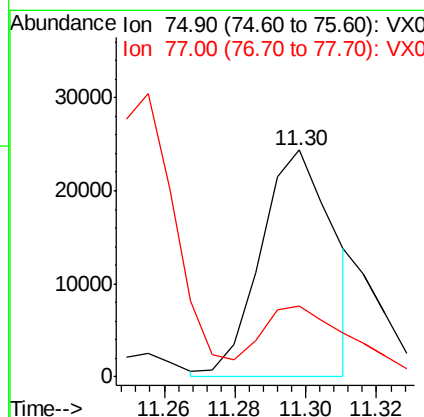
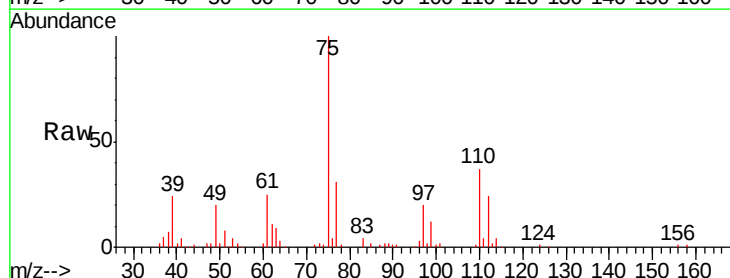
RT: 11.30 min Scan# 1664

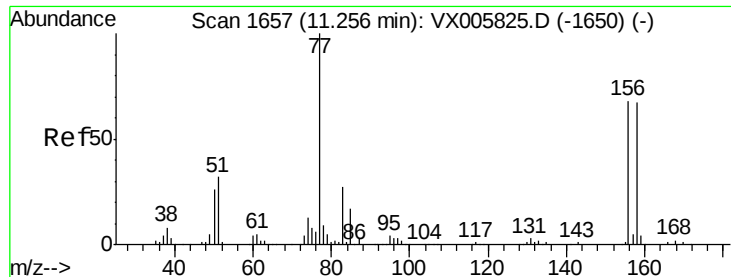
Delta R.T. -0.00 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 34342 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 38.9  | 20.5  | 61.6  |





#77

Bromobenzene

Concen: 19.80 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

Instrument :

MSVOA\_X

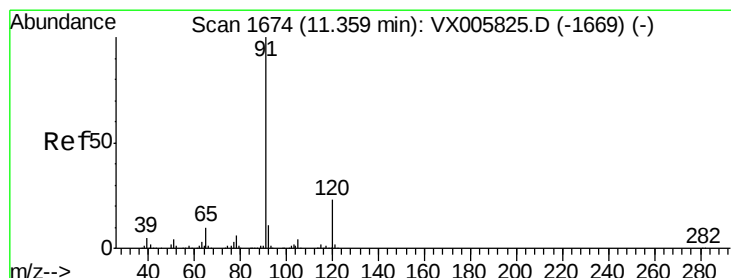
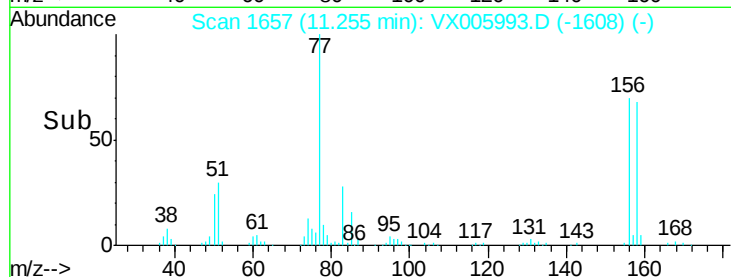
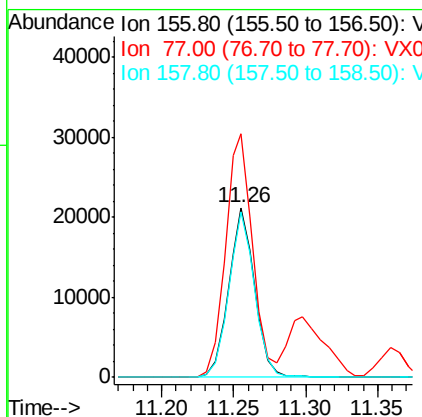
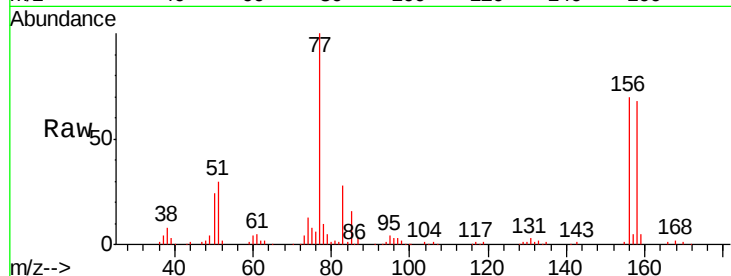
ClientSampleId :

VX1114WBS02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 156   | Resp: | 26647 |
| Ion Ratio | Lower | Upper |       |
| 156       | 100   |       |       |
| 77        | 151.1 | 74.8  | 224.4 |
| 158       | 97.4  | 49.1  | 147.3 |

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#78

n-propylbenzene

Concen: 20.11 ug/l

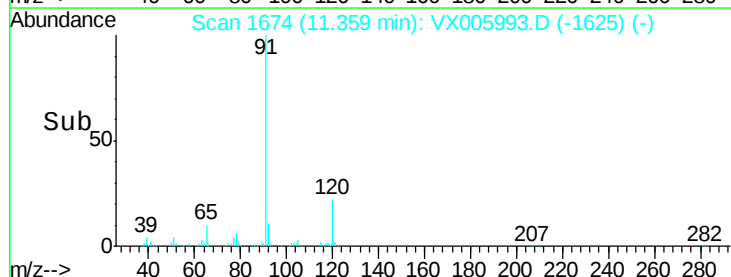
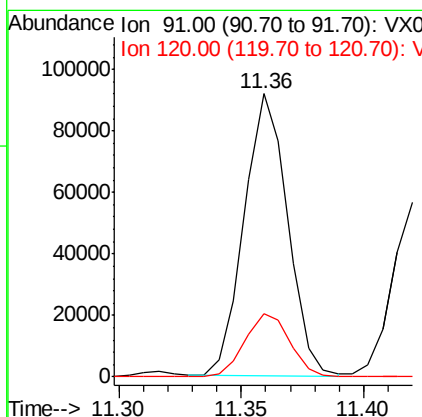
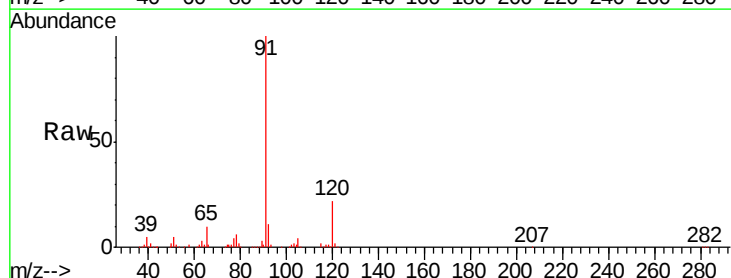
RT: 11.36 min Scan# 1674

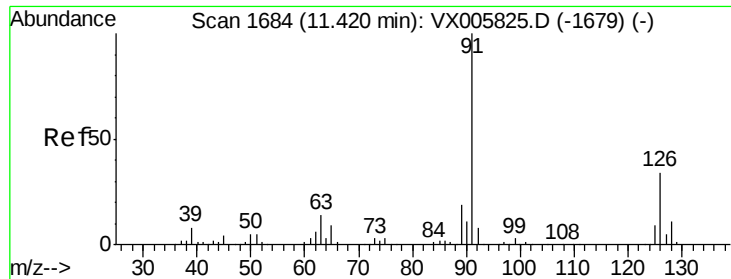
Delta R.T. -0.00 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 113155 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 23.4  | 11.9  | 35.5   |





#79

2-Chlorotoluene

Concen: 20.31 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

Instrument :

MSVOA\_X

ClientSampled :

VX1114WBS02

Tgt Ion: 91 Resp: 69082

Ion Ratio Lower Upper

91 100

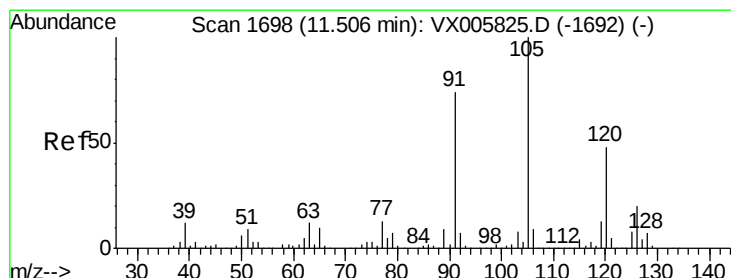
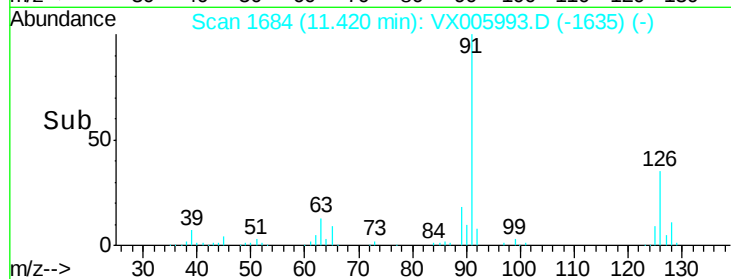
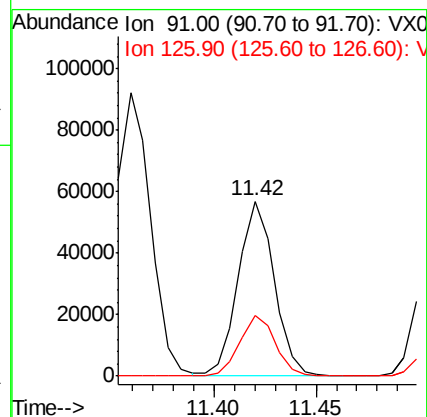
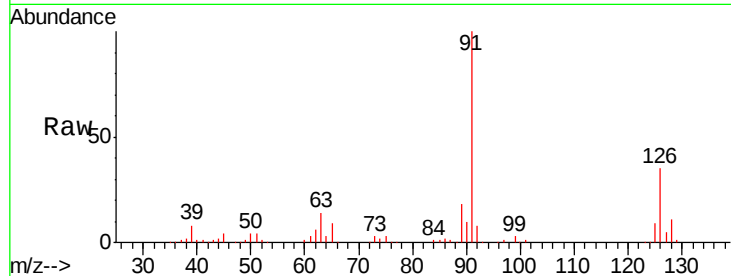
126 34.6 17.3 52.0

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#80

1,3,5-Trimethylbenzene

Concen: 20.66 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005993.D

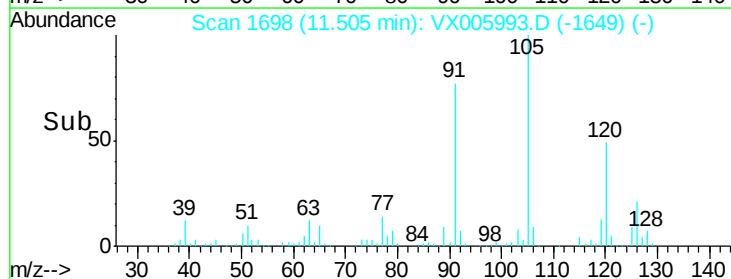
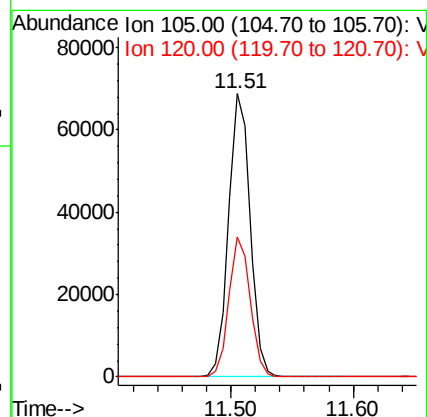
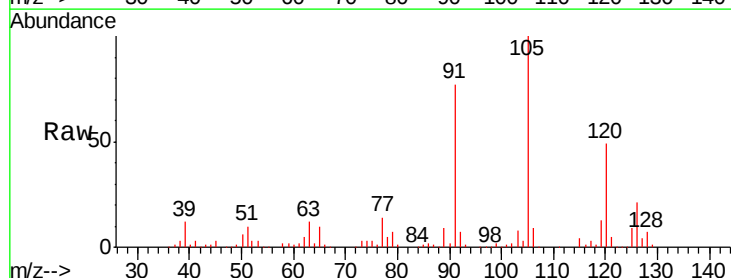
Acq: 15 Nov 2018 00:34

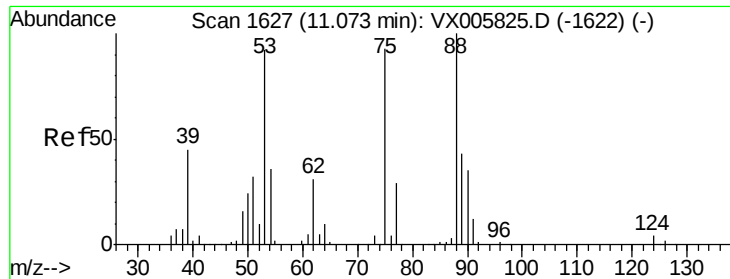
Tgt Ion: 105 Resp: 83823

Ion Ratio Lower Upper

105 100

120 48.8 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 18.61 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

Instrument :

MSVOA\_X

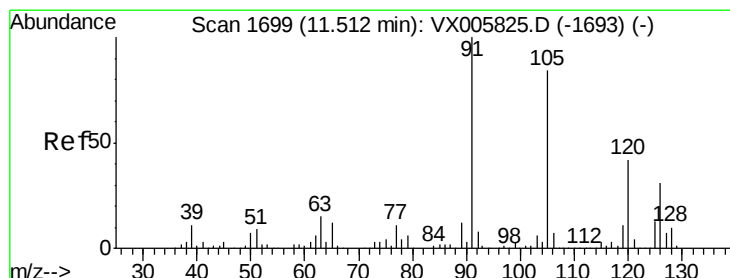
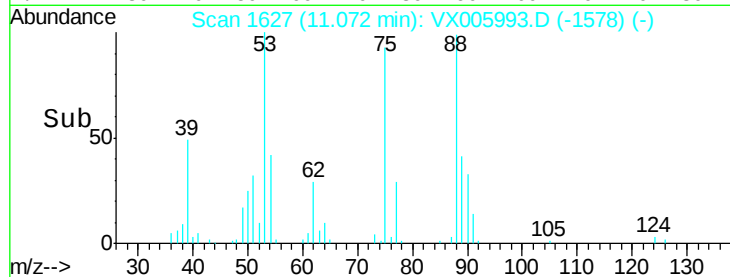
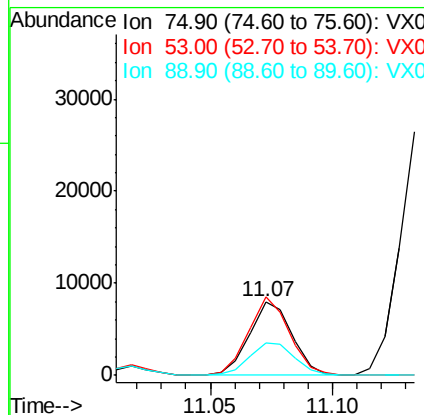
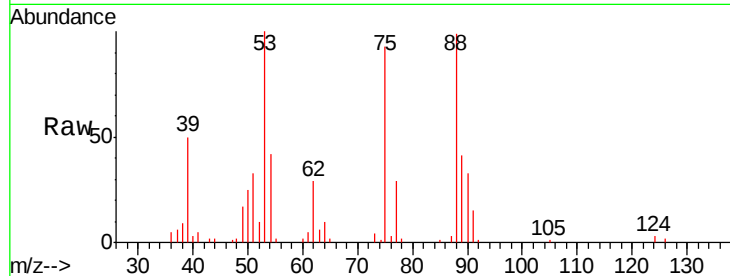
ClientSampleId :

VX1114WBS02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 9817  |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 53        | 101.5 | 80.2  | 120.2 |
| 89        | 45.6  | 39.8  | 59.8  |

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#82

4-Chlorotoluene

Concen: 20.26 ug/l

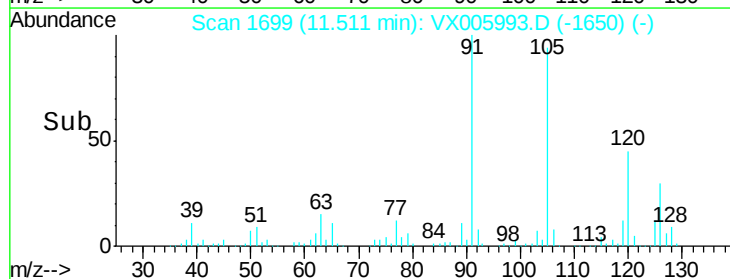
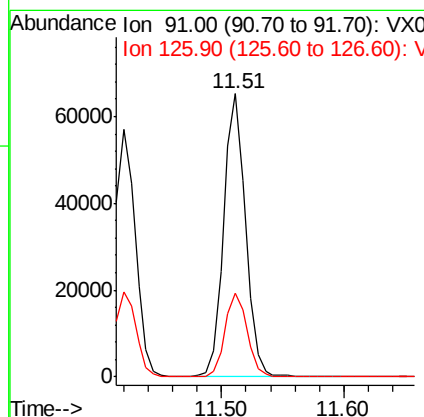
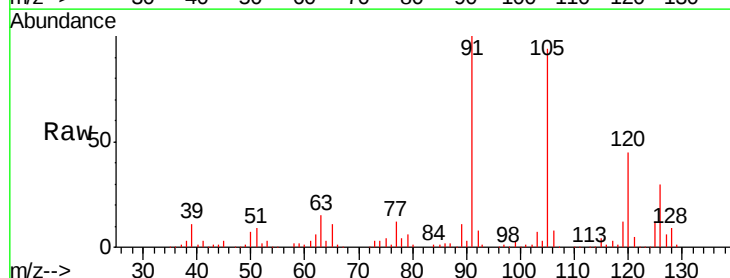
RT: 11.51 min Scan# 1699

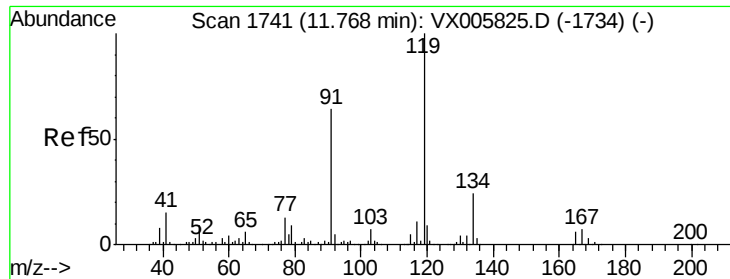
Delta R.T. -0.00 min

Lab File: VX005993.D

Acq: 15 Nov 2018 00:34

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 91    | Resp: | 81209 |
| Ion Ratio | Lower | Upper |       |
| 91        | 100   |       |       |
| 126       | 30.1  | 15.2  | 45.6  |





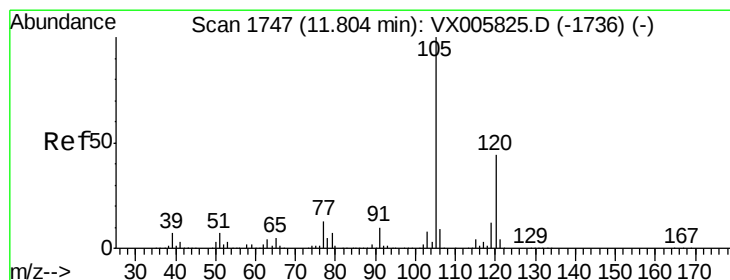
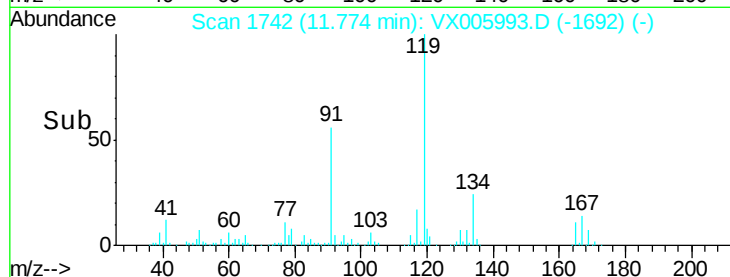
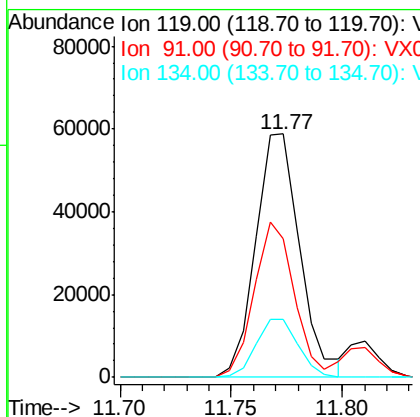
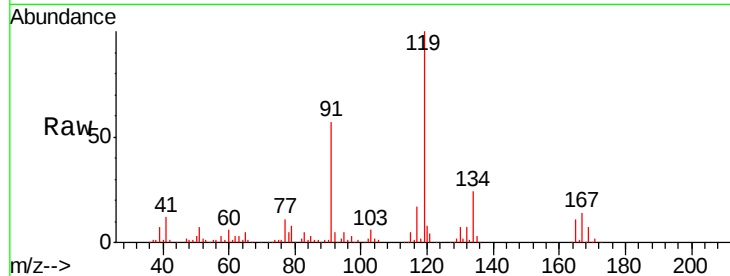
#83  
 tert-Butylbenzene  
 Concen: 19.83 ug/l  
 RT: 11.77 min Scan# 1742  
 Delta R.T. 0.01 min  
 Lab File: VX005993.D  
 Acq: 15 Nov 2018 00:34

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1114WBS02

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 119     | 100   | 81393 |       |       |
| 91      | 58.0  | 28.5  | 85.5  |       |
| 134     | 22.9  | 11.3  | 33.8  |       |

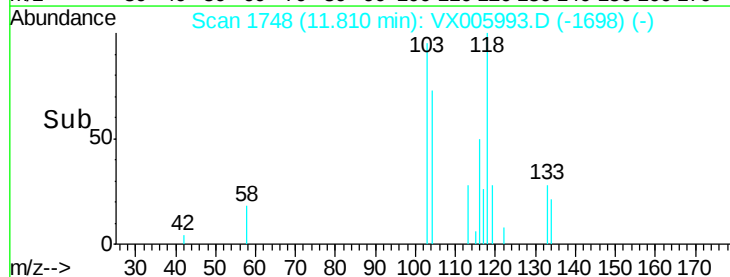
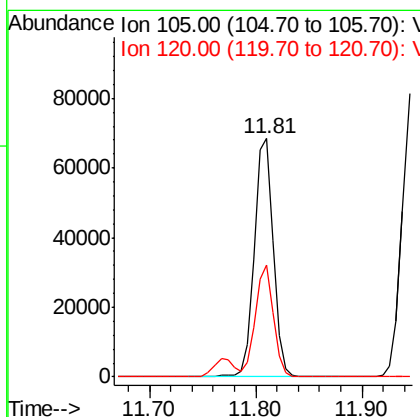
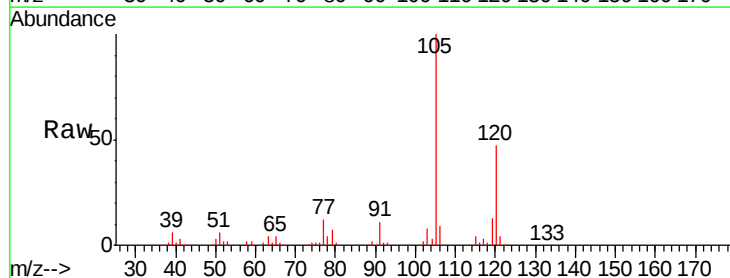
Manual Integrations  
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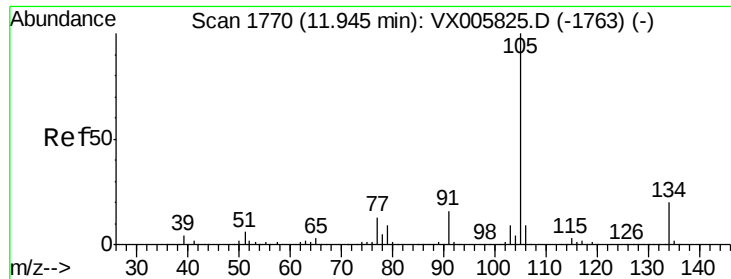
MMDadoda  
 11/15/2018 1:03:58 PM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 19.12 ug/l  
 RT: 11.81 min Scan# 1748  
 Delta R.T. 0.01 min  
 Lab File: VX005993.D  
 Acq: 15 Nov 2018 00:34

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 105     | 100   | 85949 |       |       |
| 120     | 44.8  | 22.4  | 67.0  |       |





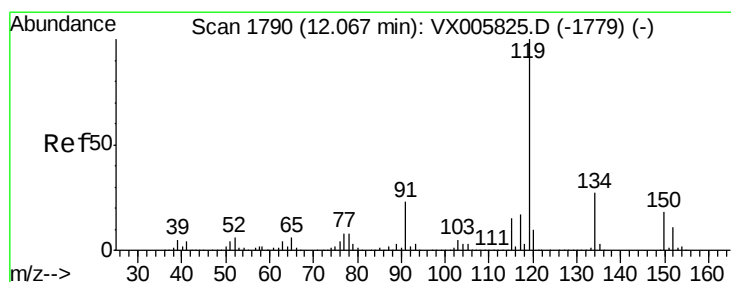
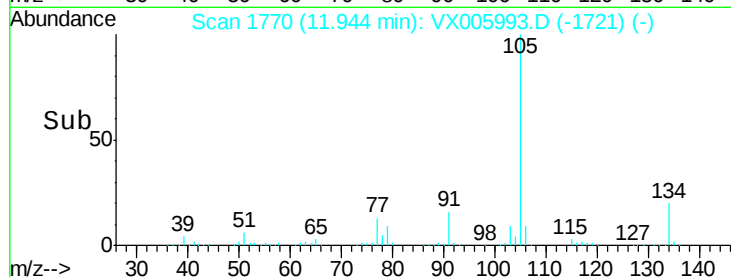
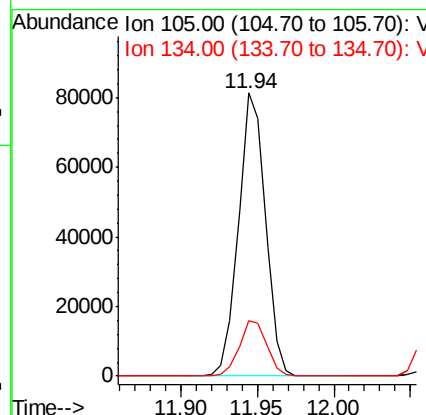
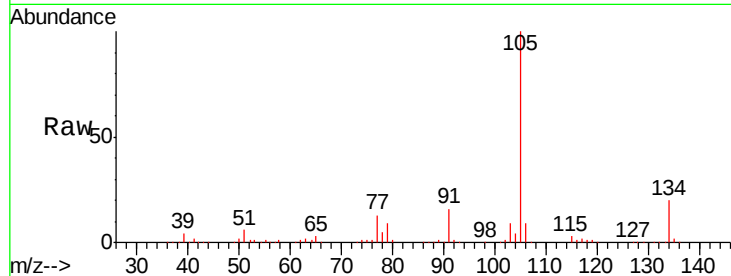
#85  
 sec-Butylbenzene  
 Concen: 19.79 ug/l  
 RT: 11.94 min Scan# 1770  
 Delta R.T. -0.00 min  
 Lab File: VX005993.D  
 Acq: 15 Nov 2018 00:34

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1114WBS02

Tgt Ion:105 Resp: 99296  
 Ion Ratio Lower Upper  
 105 100  
 134 20.0 10.2 30.4

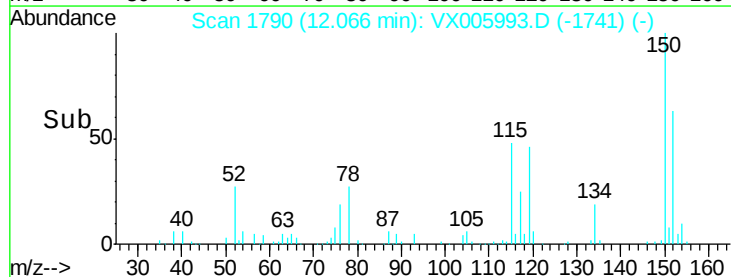
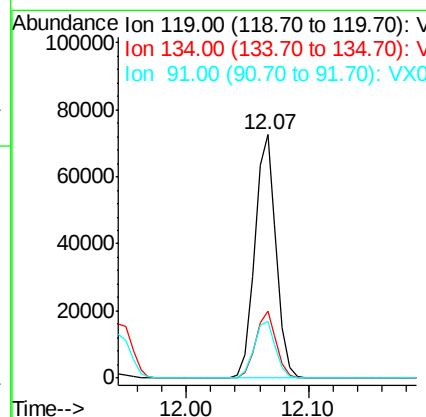
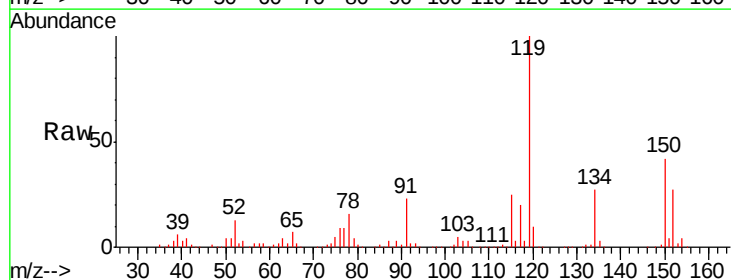
Manual Integrations  
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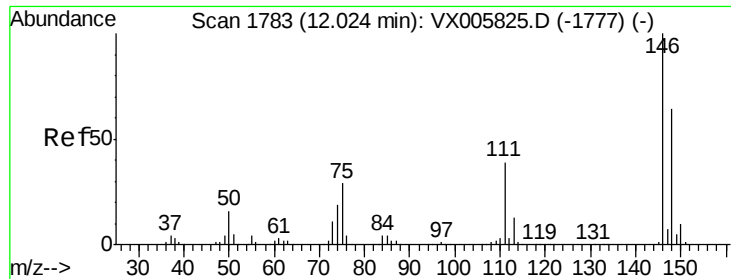
MMDadoda  
 11/15/2018 1:03:58 PM



#86  
 p-Isopropyltoluene  
 Concen: 19.72 ug/l  
 RT: 12.07 min Scan# 1790  
 Delta R.T. -0.00 min  
 Lab File: VX005993.D  
 Acq: 15 Nov 2018 00:34

Tgt Ion:119 Resp: 87669  
 Ion Ratio Lower Upper  
 119 100  
 134 26.6 13.0 39.0  
 91 23.7 11.4 34.2





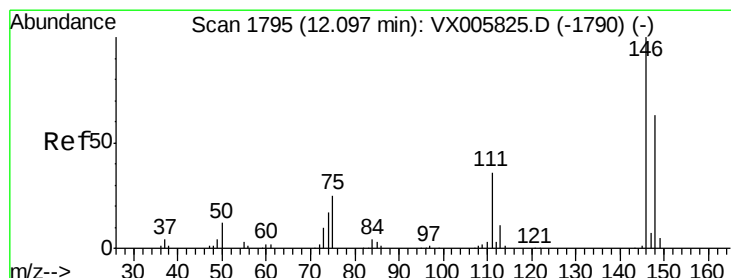
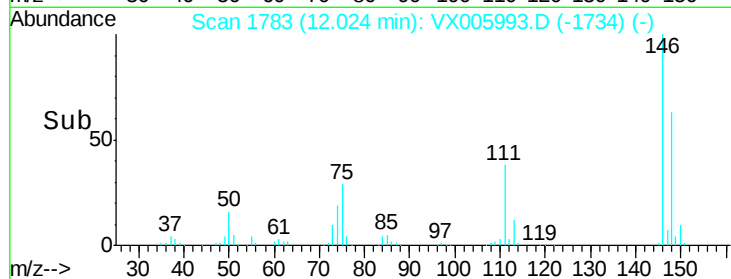
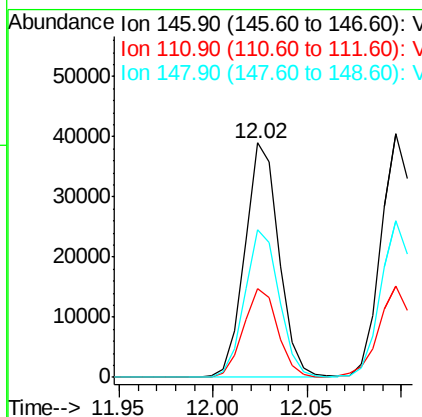
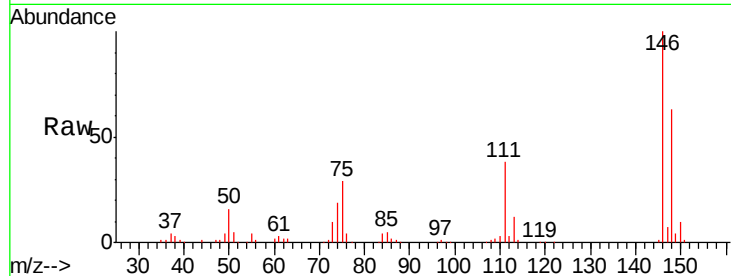
#87  
 1,3-Dichlorobenzene  
 Concen: 18.94 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. -0.00 min  
 Lab File: VX005993.D  
 Acq: 15 Nov 2018 00:34

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1114WBS02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.2  | 19.0  | 57.0  |
| 148     | 63.5  | 31.9  | 95.9  |

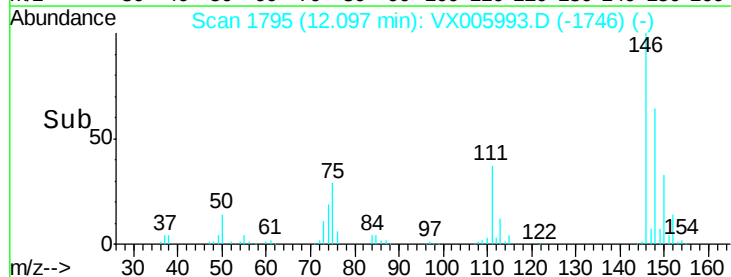
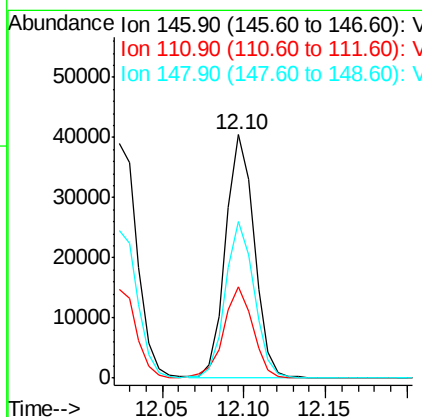
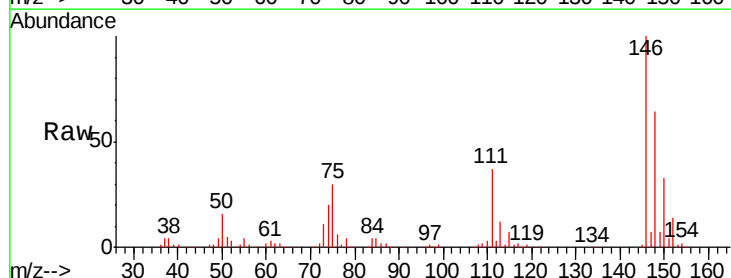
Manual Integrations  
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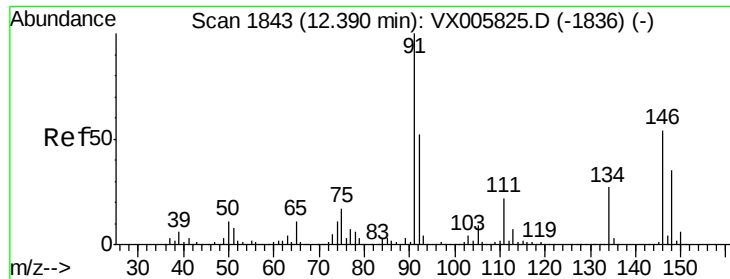
MMDadoda  
 11/15/2018 1:03:58 PM



#88  
 1,4-Dichlorobenzene  
 Concen: 18.78 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. -0.00 min  
 Lab File: VX005993.D  
 Acq: 15 Nov 2018 00:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.6  | 18.6  | 55.8  |
| 148     | 64.4  | 32.1  | 96.3  |





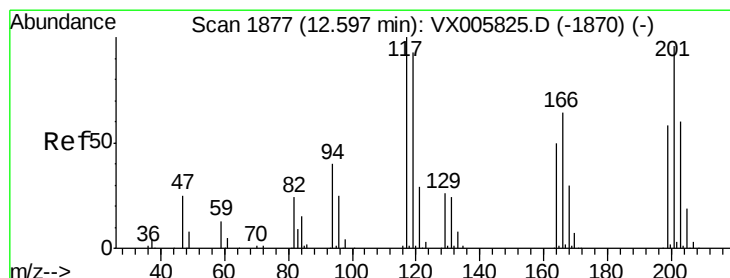
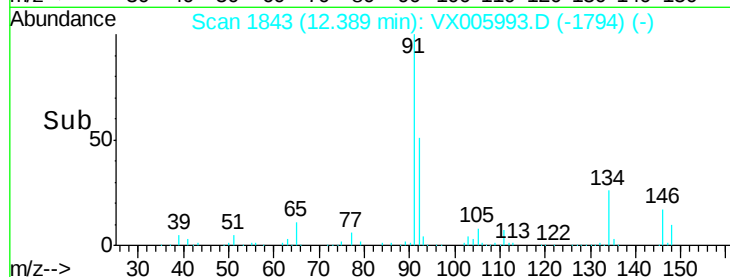
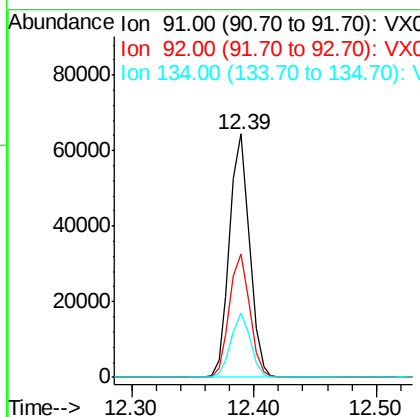
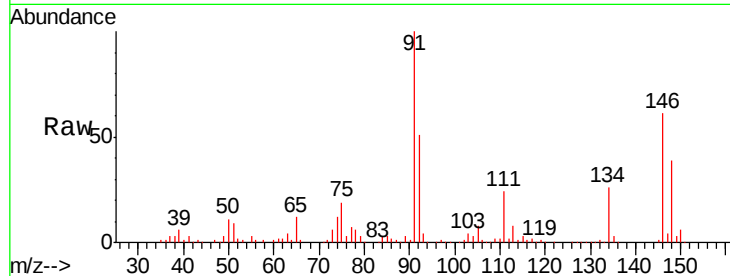
#89  
n-Butylbenzene  
Concen: 17.77 ug/l  
RT: 12.39 min Scan# 1843  
Delta R.T. -0.00 min  
Lab File: VX005993.D  
Acq: 15 Nov 2018 00:34

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1114WBS02

Tgt Ion: 91 Resp: 73220  
Ion Ratio Lower Upper  
91 100  
92 51.0 26.1 78.2  
134 25.7 13.1 39.3

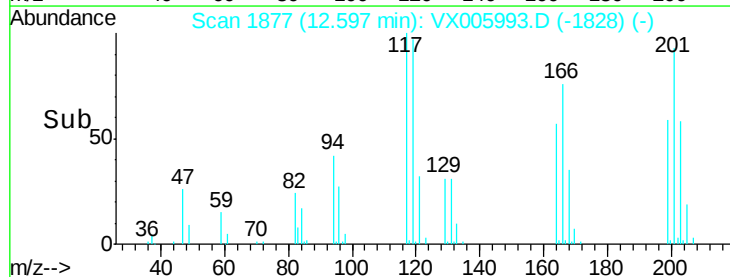
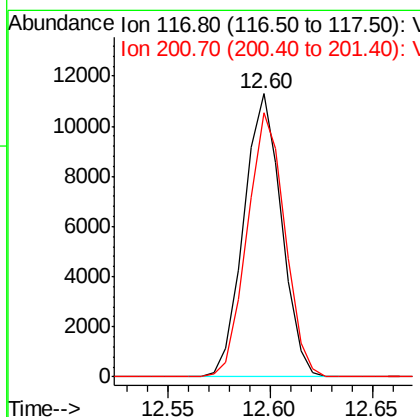
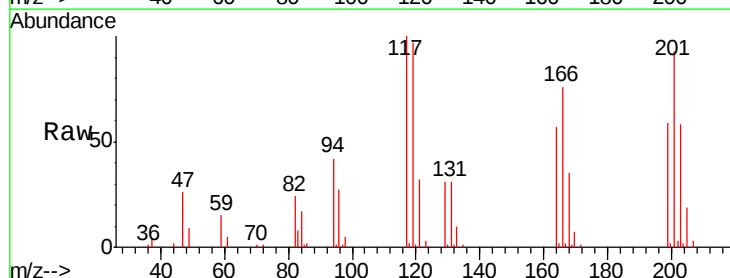
Manual Integrations  
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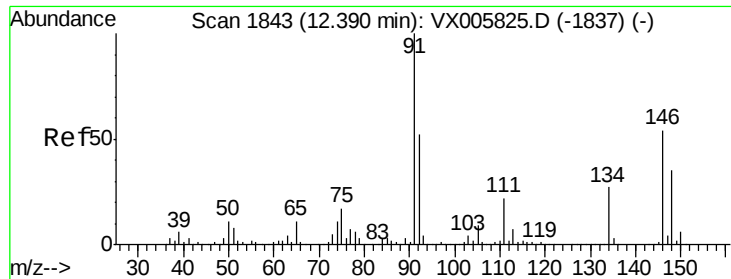
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#90  
Hexachloroethane  
Concen: 19.51 ug/l  
RT: 12.60 min Scan# 1877  
Delta R.T. -0.00 min  
Lab File: VX005993.D  
Acq: 15 Nov 2018 00:34

Tgt Ion: 117 Resp: 14477  
Ion Ratio Lower Upper  
117 100  
201 93.4 47.9 143.6





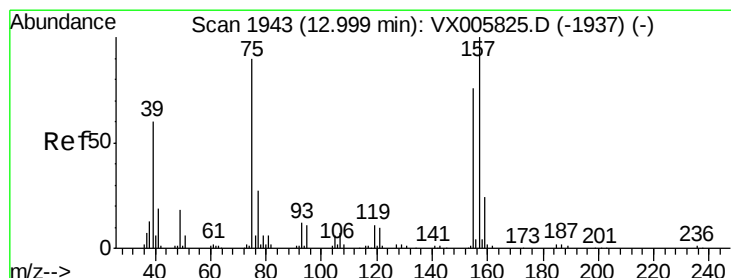
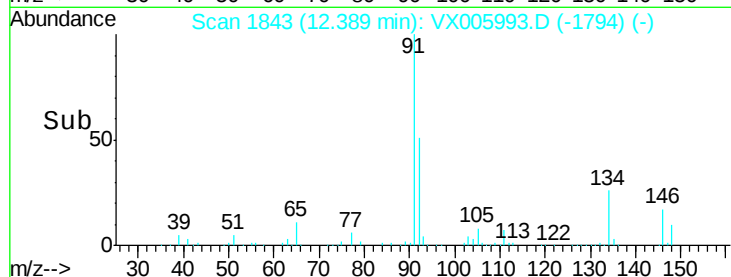
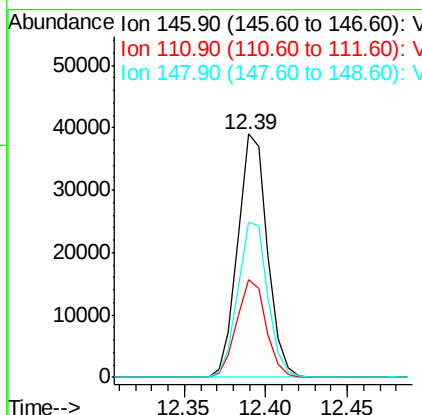
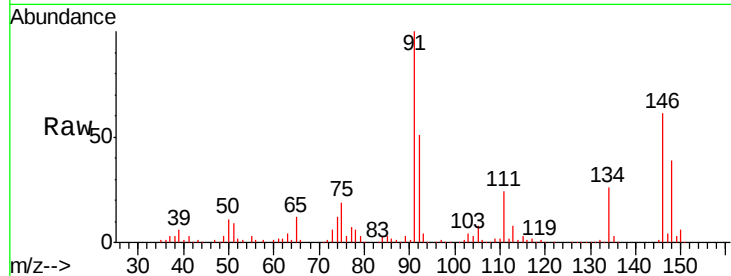
#91  
1,2-Dichlorobenzene  
Concen: 19.10 ug/l  
RT: 12.39 min Scan# 1843  
Delta R.T. -0.00 min  
Lab File: VX005993.D  
Acq: 15 Nov 2018 00:34

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1114WBS02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.8  | 20.0  | 59.9  |
| 148     | 64.4  | 32.2  | 96.6  |

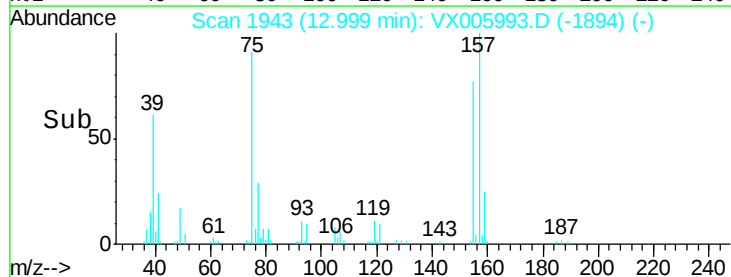
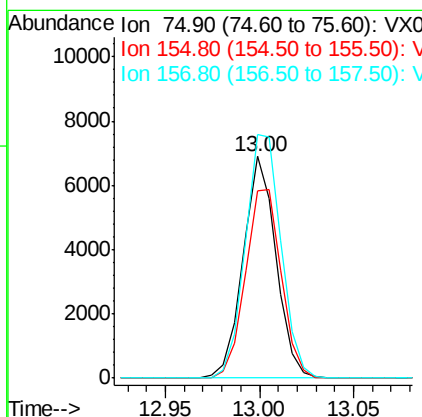
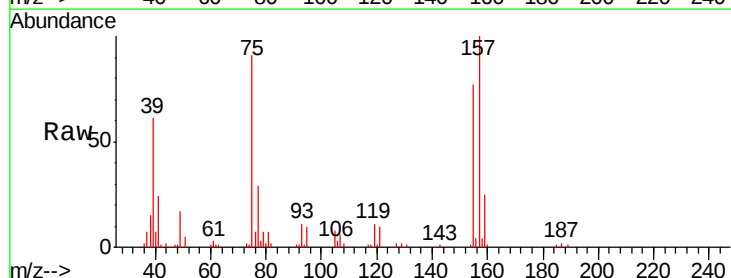
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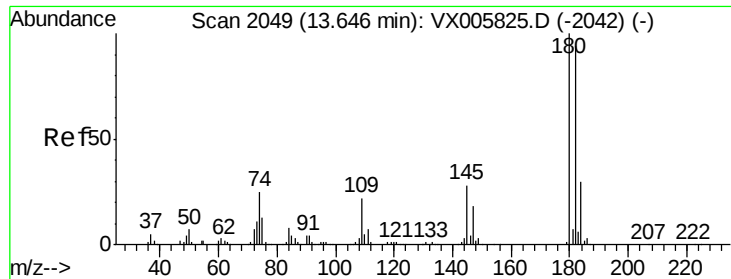
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#92  
1,2-Dibromo-3-Chloropropane  
Concen: 19.53 ug/l  
RT: 13.00 min Scan# 1943  
Delta R.T. -0.00 min  
Lab File: VX005993.D  
Acq: 15 Nov 2018 00:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 92.5  | 45.4  | 136.1 |
| 157     | 119.5 | 57.4  | 172.0 |





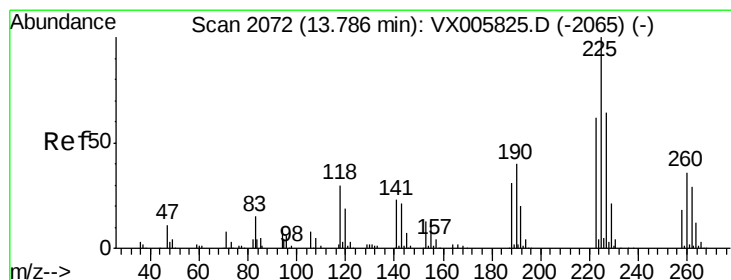
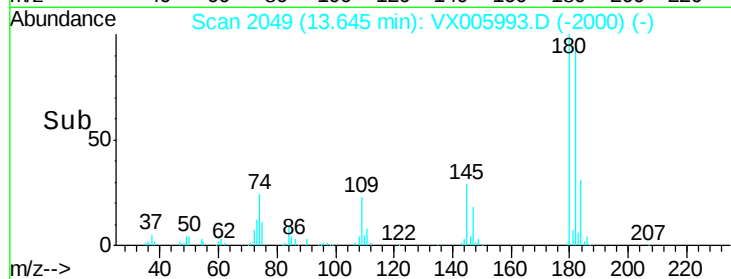
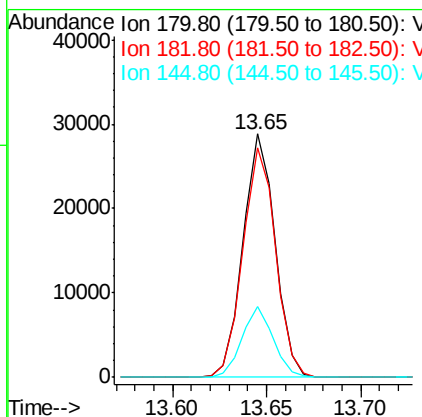
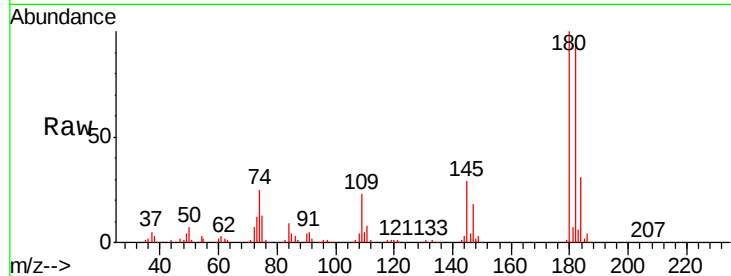
#93  
 1,2,4-Trichlorobenzene  
 Concen: 18.73 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. -0.00 min  
 Lab File: VX005993.D  
 Acq: 15 Nov 2018 00:34

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1114WBS02

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 34102 |       |       |
| 182     | 95.9  | 47.6  | 142.8 |       |
| 145     | 28.4  | 14.1  | 42.2  |       |

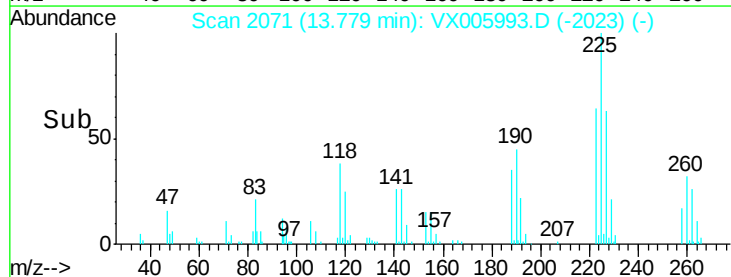
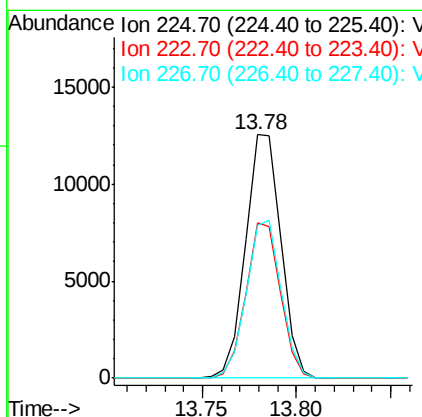
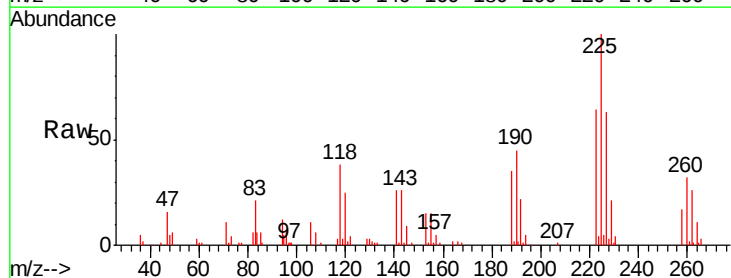
Manual Integrations  
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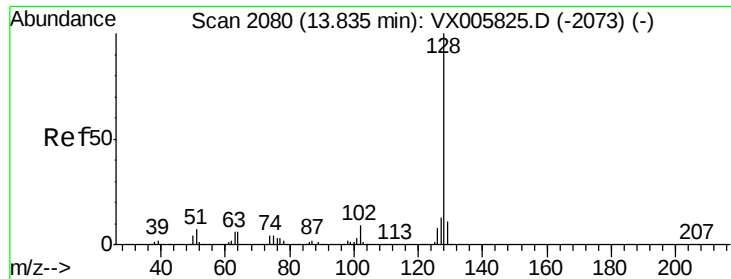
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#94  
 Hexachlorobutadiene  
 Concen: 17.07 ug/l  
 RT: 13.78 min Scan# 2071  
 Delta R.T. -0.01 min  
 Lab File: VX005993.D  
 Acq: 15 Nov 2018 00:34

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 16327 |       |       |
| 223     | 62.2  | 31.7  | 95.1  |       |
| 227     | 63.6  | 32.3  | 96.9  |       |





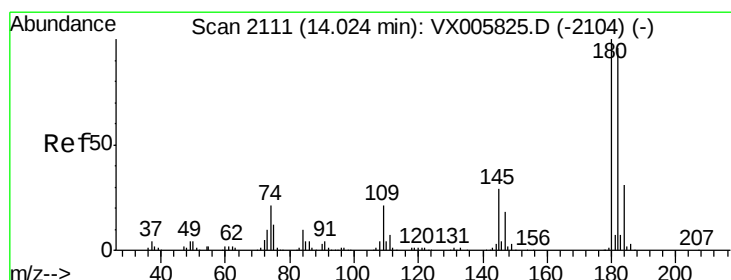
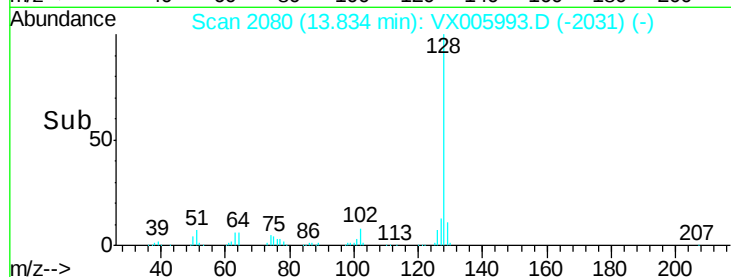
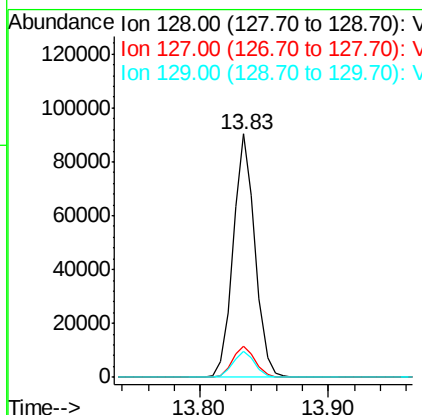
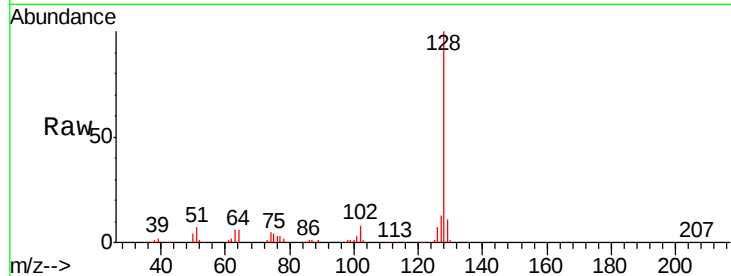
#95  
Naphthalene  
Concen: 18.65 ug/l  
RT: 13.83 min Scan# 2080  
Delta R.T. 0.00 min  
Lab File: VX005993.D  
Acq: 15 Nov 2018 00:34

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1114WBS02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.2  | 10.4  | 15.6  |
| 129     | 10.9  | 8.7   | 13.1  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 19.15 ug/l  
RT: 14.02 min Scan# 2110  
Delta R.T. -0.01 min  
Lab File: VX005993.D  
Acq: 15 Nov 2018 00:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.2  | 48.0  | 144.2 |
| 145     | 30.2  | 15.1  | 45.3  |

