

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\VX060818\  
 Data File : VX002399.D  
 Acq On : 08 Jun 2018 13:55  
 Operator : JC/MD  
 Sample : VX0608WBS02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0608WBS02

Manual Integrations  
 APPROVED

MMDadoda  
 6/11/2018 9:30:27 AM

Quant Time: Jun 09 01:57:53 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X060418W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 05 03:22:35 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 286543   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.87  | 114  | 414452   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 397363   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 243589   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |        |      |
|-----------------------------|--------|-----|----------|-------|--------|------|
| System Monitoring Compounds |        |     |          |       |        |      |
| 33) 1,2-Dichloroethane-d4   | 6.07   | 65  | 204128   | 49.80 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 99.60% |      |
| 35) Dibromofluoromethane    | 5.51   | 113 | 159620   | 48.97 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 97.94% |      |
| 50) Toluene-d8              | 8.72   | 98  | 601237   | 48.13 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 96.26% |      |
| 62) 4-Bromofluorobenzene    | 11.14  | 95  | 225618   | 46.83 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 93.66% |      |

|                               |      |     |        |        |        |     |
|-------------------------------|------|-----|--------|--------|--------|-----|
| Target Compounds              |      |     |        |        | Qvalue |     |
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 59328  | 19.92  | ug/l   | 100 |
| 3) Chloromethane              | 1.32 | 50  | 66533  | 17.64  | ug/l   | 99  |
| 4) Vinyl Chloride             | 1.41 | 62  | 75714  | 20.17  | ug/l   | 97  |
| 5) Bromomethane               | 1.64 | 94  | 47763  | 20.51  | ug/l   | 98  |
| 6) Chloroethane               | 1.73 | 64  | 51222  | 21.09  | ug/l   | 99  |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 127049 | 22.21  | ug/l   | 99  |
| 8) Diethyl Ether              | 2.19 | 74  | 47517  | 22.04  | ug/l   | 96  |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101 | 72449  | 23.47  | ug/l   | 100 |
| 10) Methyl Iodide             | 2.51 | 142 | 67024  | 15.44  | ug/l   | 99  |
| 11) Tert butyl alcohol        | 3.07 | 59  | 92622  | 98.28  | ug/l   | 98  |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 63857  | 20.93  | ug/l   | 96  |
| 13) Acrolein                  | 2.30 | 56  | 44448  | 103.53 | ug/l   | 100 |
| 14) Allyl chloride            | 2.73 | 41  | 125345 | 18.93  | ug/l   | 97  |
| 15) Acrylonitrile             | 3.15 | 53  | 196778 | 107.31 | ug/l   | 100 |
| 16) Acetone                   | 2.45 | 43  | 210056 | 108.33 | ug/l   | 99  |
| 17) Carbon Disulfide          | 2.57 | 76  | 141072 | 17.55  | ug/l   | 99  |
| 18) Methyl Acetate            | 2.78 | 43  | 94735  | 21.54  | ug/l   | 98  |
| 19) Methyl tert-butyl Ether   | 3.21 | 73  | 240914 | 21.31  | ug/l   | 100 |
| 20) Methylene Chloride        | 2.86 | 84  | 72586  | 20.79  | ug/l   | 98  |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96  | 68154  | 20.26  | ug/l   | 99  |
| 22) Diisopropyl ether         | 3.87 | 45  | 223749 | 19.32  | ug/l   | 95  |
| 23) Vinyl Acetate             | 3.83 | 43  | 971551 | 90.53  | ug/l   | 100 |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 134416 | 20.54  | ug/l   | 99  |
| 25) 2-Butanone                | 4.71 | 43  | 261379 | 93.03  | ug/l   | 97  |
| 26) 2,2-Dichloropropane       | 4.59 | 77  | 93660  | 18.31  | ug/l   | 98  |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96  | 68887  | 18.83  | ug/l   | 95  |
| 28) Bromochloromethane        | 5.02 | 49  | 64589  | 21.16  | ug/l   | 99  |
| 29) Tetrahydrofuran           | 5.17 | 42  | 164494 | 90.81  | ug/l   | 98  |
| 30) Chloroform                | 5.22 | 83  | 120653 | 19.11  | ug/l   | 99  |
| 31) Cyclohexane               | 5.58 | 56  | 103207 | 19.95  | ug/l   | 99  |
| 32) 1,1,1-Trichloroethane     | 5.50 | 97  | 104843 | 19.58  | ug/l   | 99  |
| 36) 1,1-Dichloropropene       | 5.80 | 75  | 85886  | 19.71  | ug/l   | 100 |
| 37) Ethyl Acetate             | 4.87 | 43  | 100948 | 19.27  | ug/l   | 100 |
| 38) Carbon Tetrachloride      | 5.79 | 117 | 89960  | 19.74  | ug/l   | 98  |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\VX060818\  
 Data File : VX002399.D  
 Acq On : 08 Jun 2018 13:55  
 Operator : JC/MD  
 Sample : VX0608WBS02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VX0608WBS02

Manual Integrations  
 APPROVED

MMDadoda  
 6/11/2018 9:30:27 AM

Quant Time: Jun 09 01:57:53 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X060418W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 05 03:22:35 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 106317   | 19.91  | ug/l   | 98       |
| 40) Benzene                    | 6.15  | 78   | 264127   | 19.77  | ug/l   | 99       |
| 41) Methacrylonitrile          | 5.06  | 41   | 55787    | 18.60  | ug/l   | 97       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 103849   | 19.57  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 6.47  | 43   | 165569   | 18.60  | ug/l   | 100      |
| 44) Trichloroethene            | 7.22  | 130  | 72204    | 19.47  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 68676    | 19.04  | ug/l   | 98       |
| 46) Dibromomethane             | 7.67  | 93   | 46553    | 19.04  | ug/l   | 98       |
| 47) Bromodichloromethane       | 7.90  | 83   | 83293    | 18.84  | ug/l   | 99       |
| 48) Methyl methacrylate        | 7.78  | 41   | 85313    | 19.08  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 7.76  | 88   | 32518    | 389.02 | ug/l   | 100      |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 542768   | 97.93  | ug/l   | 99       |
| 52) Toluene                    | 8.79  | 92   | 172233   | 20.27  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 8.44  | 75   | 99483    | 18.76  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 9.05  | 75   | 91473    | 18.28  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 9.22  | 97   | 70066    | 20.05  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 107445   | 19.26  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 9.38  | 76   | 113480   | 19.36  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.32  | 63   | 282330   | 109.33 | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.50  | 43   | 425851   | 99.47  | ug/l   | 100      |
| 60) Dibromochloromethane       | 9.59  | 129  | 66263    | 18.85  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 9.68  | 107  | 72102    | 19.79  | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.34  | 164  | 80059    | 19.54  | ug/l   | 98       |
| 65) Chlorobenzene              | 10.14 | 112  | 194558   | 19.68  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 10.23 | 131  | 69077    | 19.29  | ug/l   | 100      |
| 67) Ethyl Benzene              | 10.26 | 91   | 337684   | 20.41  | ug/l   | 99       |
| 68) m/p-Xylenes                | 10.37 | 106  | 257131   | 39.98  | ug/l   | 100      |
| 69) o-Xylene                   | 10.70 | 106  | 128273   | 20.04  | ug/l   | 98       |
| 70) Styrene                    | 10.71 | 104  | 208163   | 19.89  | ug/l   | 99       |
| 71) Bromoform                  | 10.86 | 173  | 49134    | 17.72  | ug/l # | 100      |
| 73) Isopropylbenzene           | 11.02 | 105  | 348342   | 20.56  | ug/l   | 100      |
| 74) N-amyl acetate             | 6.47  | 43   | 165569   | 18.13  | ug/l # | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 103637   | 19.45  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 100787m  | 18.86  | ug/l   |          |
| 77) Bromobenzene               | 11.26 | 156  | 92669    | 19.48  | ug/l   | 99       |
| 78) n-propylbenzene            | 11.37 | 91   | 388806   | 20.64  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.43 | 91   | 232561   | 19.56  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 291628   | 20.06  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.08 | 75   | 25139    | 16.49  | ug/l   | 92       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 273312   | 19.91  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 11.77 | 119  | 291632   | 20.61  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 302127   | 20.19  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.95 | 105  | 356431   | 21.48  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 318767   | 21.09  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.03 | 146  | 167007   | 19.63  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 171612   | 19.57  | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.39 | 91   | 270946   | 21.38  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.60 | 117  | 44358    | 18.39  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene        | 12.40 | 146  | 172168   | 19.56  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.01 | 75   | 22292    | 19.13  | ug/l   | 98       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\VX060818\  
Data File : VX002399.D  
Acq On : 08 Jun 2018 13:55  
Operator : JC/MD  
Sample : VX0608WBS02  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0608WBS02

Manual Integrations  
APPROVED

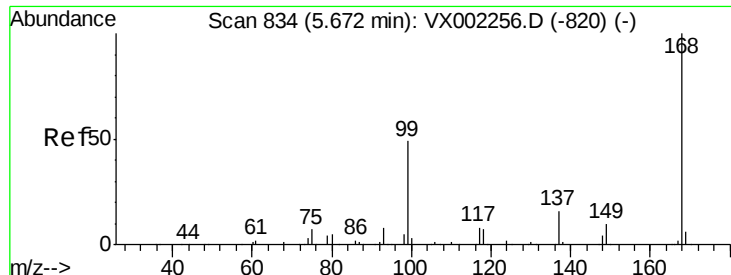
MMDadoda  
6/11/2018 9:30:27 AM

Quant Time: Jun 09 01:57:53 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X060418W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jun 05 03:22:35 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 123295   | 19.98 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.79 | 225  | 65975    | 21.64 | ug/l  | 100      |
| 95) Naphthalene            | 13.84 | 128  | 356034   | 20.08 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 126791   | 20.15 | ug/l  | 100      |

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

Instrument :

MSVOA\_X

ClientSampleId :

VX0608WBS02

Tgt Ion:168 Resp: 286543

Ion Ratio Lower Upper

168 100

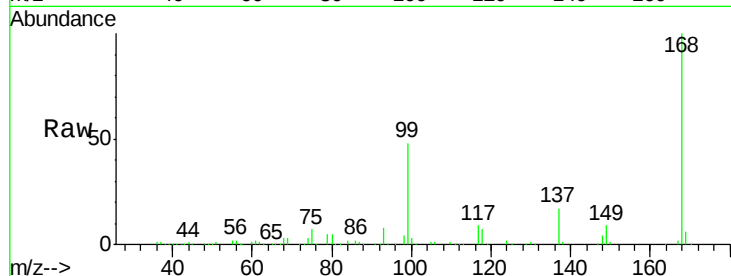
99 48.2 39.3 58.9

Manual Integrations

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6/11/2018 9:30:27 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

20000

0

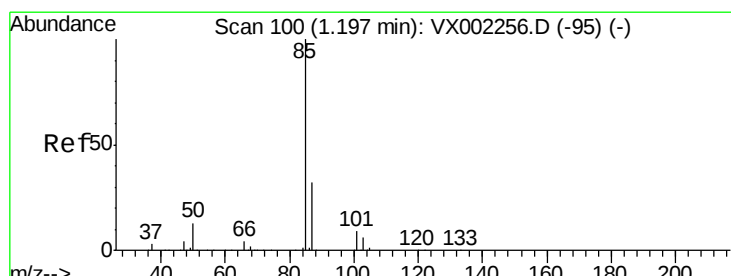
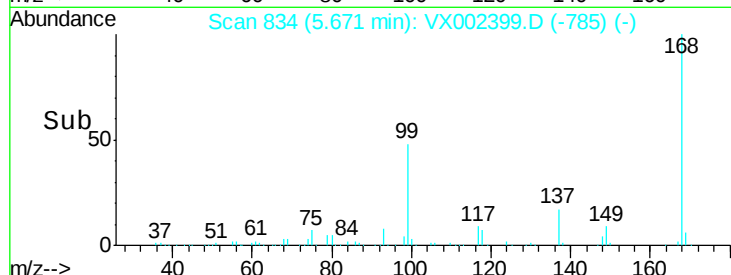
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.92 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002399.D

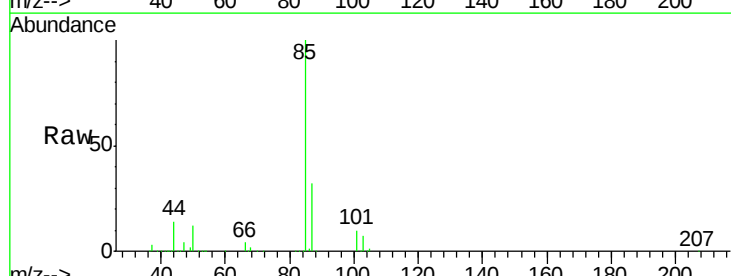
Acq: 08 Jun 2018 13:55

Tgt Ion: 85 Resp: 59328

Ion Ratio Lower Upper

85 100

87 31.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

60000

40000

20000

0

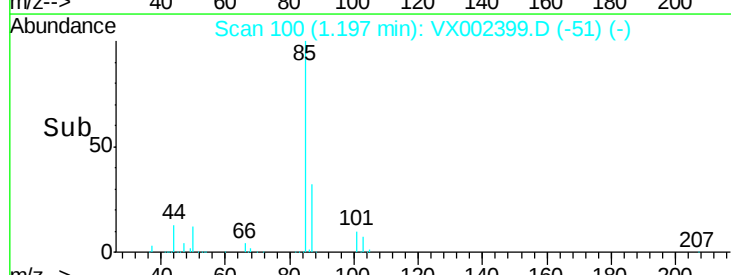
1.15

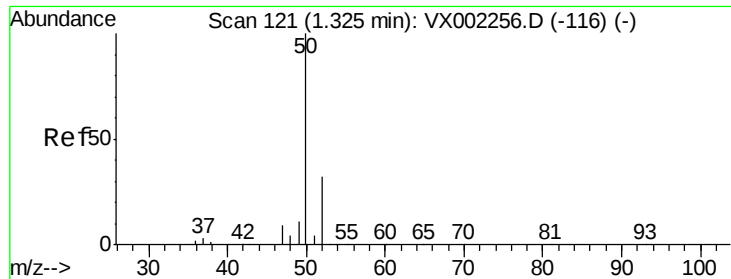
1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 17.64 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

Instrument :

MSVOA\_X

ClientSampleId :

VX0608WBS02

Tgt Ion: 50 Resp: 66533

Ion Ratio Lower Upper

50 100

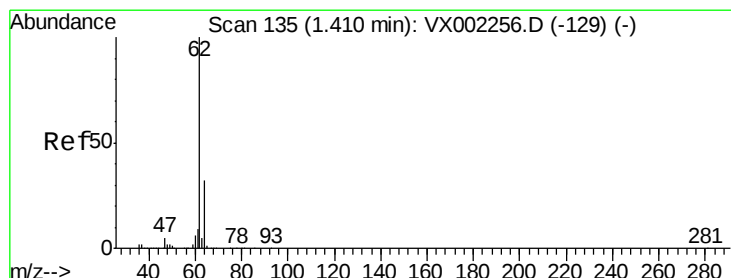
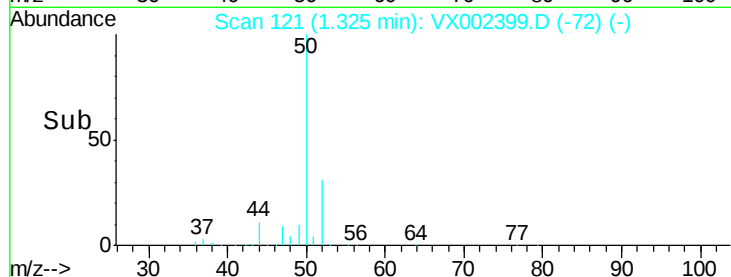
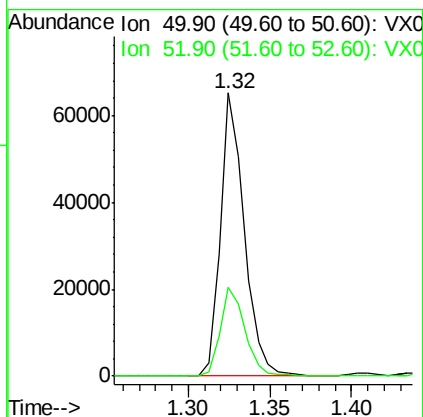
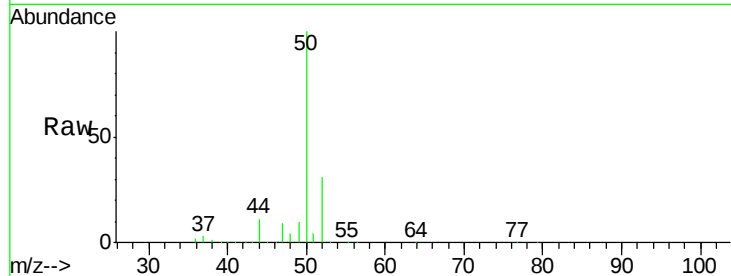
52 31.3 25.7 38.5

Manual Integrations

APPROVED

MMDadoda

6/11/2018 9:30:27 AM



#4

Vinyl Chloride

Concen: 20.17 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX002399.D

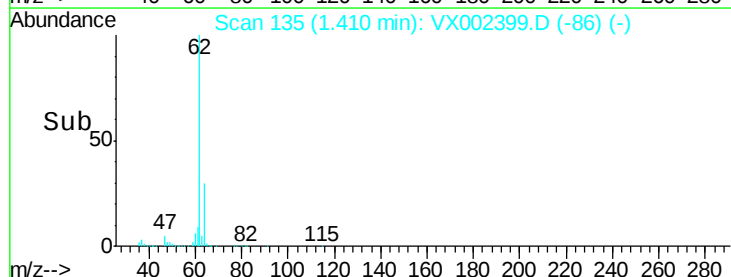
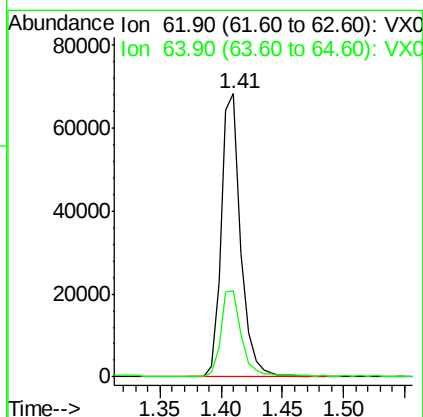
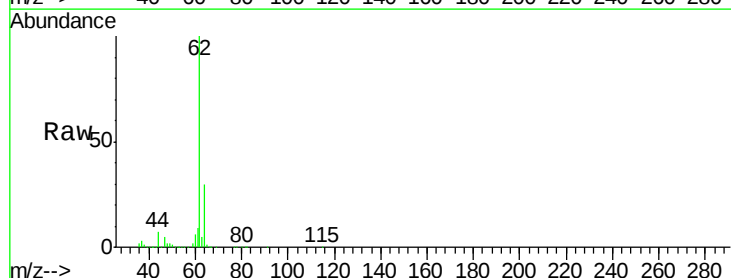
Acq: 08 Jun 2018 13:55

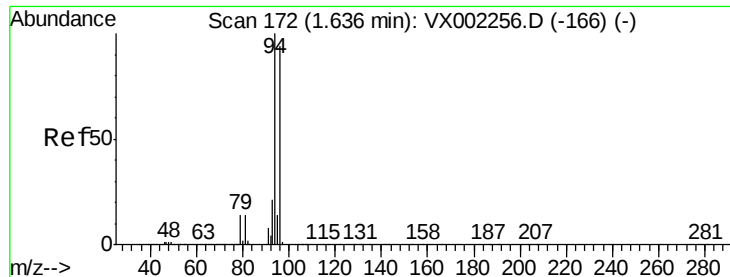
Tgt Ion: 62 Resp: 75714

Ion Ratio Lower Upper

62 100

64 30.0 25.4 38.2





#5

Bromomethane

Concen: 20.51 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

Instrument :

MSVOA\_X

ClientSampleId :

VX0608WBS02

Tgt Ion: 94 Resp: 47763

Ion Ratio Lower Upper

94 100

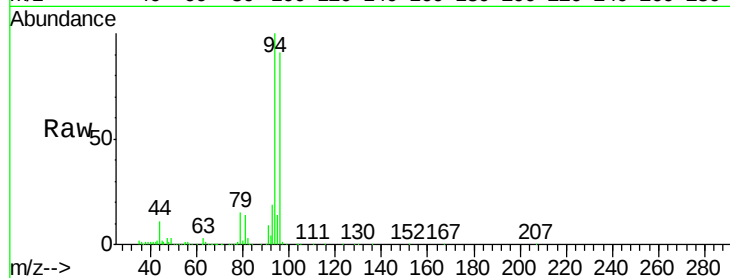
96 91.3 74.9 112.3

Manual Integrations

APPROVED

MMDadoda

6/11/2018 9:30:27 AM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

50000

40000

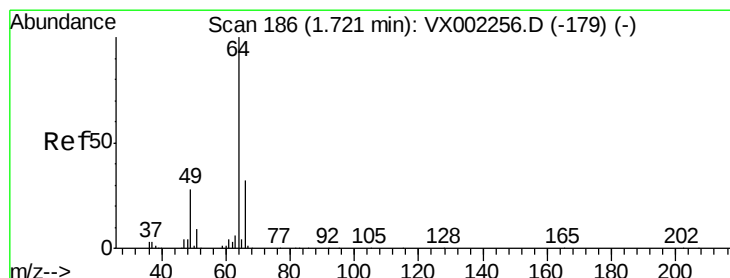
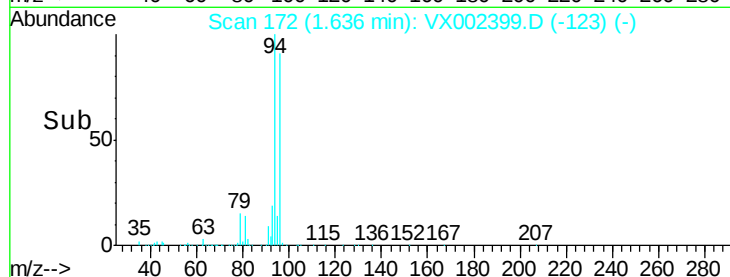
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: 21.09 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002399.D

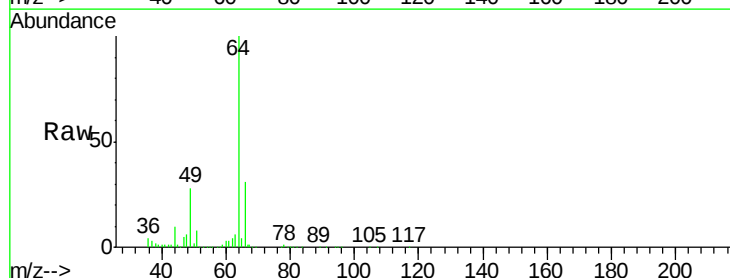
Acq: 08 Jun 2018 13:55

Tgt Ion: 64 Resp: 51222

Ion Ratio Lower Upper

64 100

66 31.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.73

40000

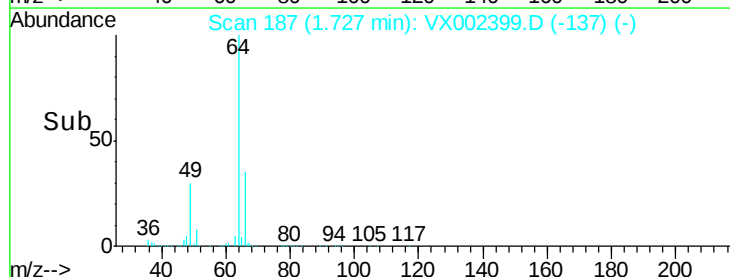
30000

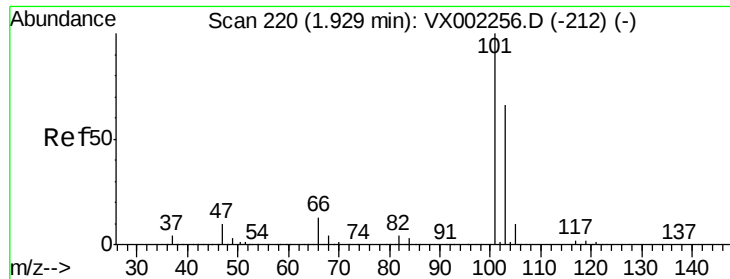
20000

10000

0

Time-->





#7

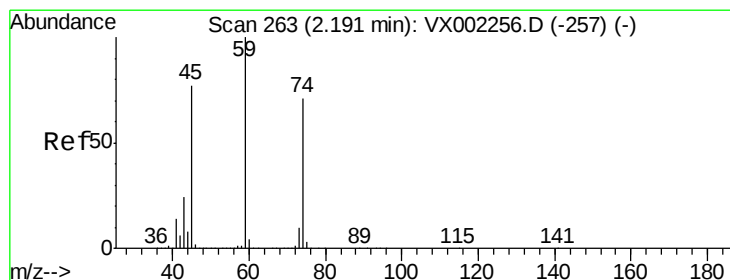
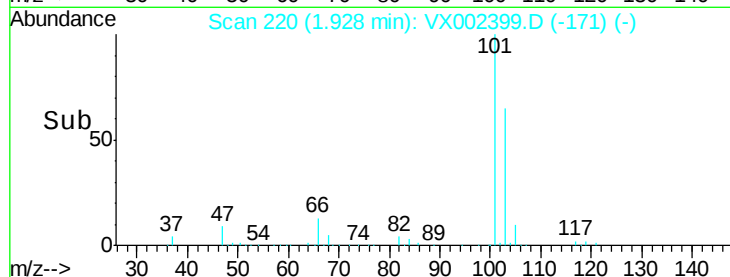
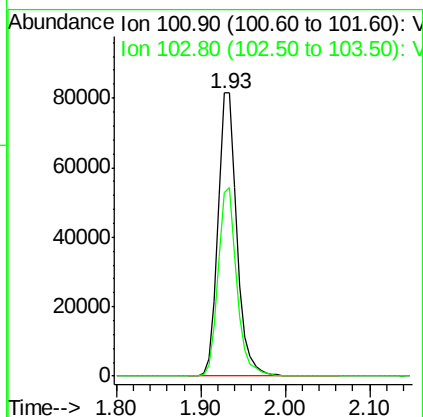
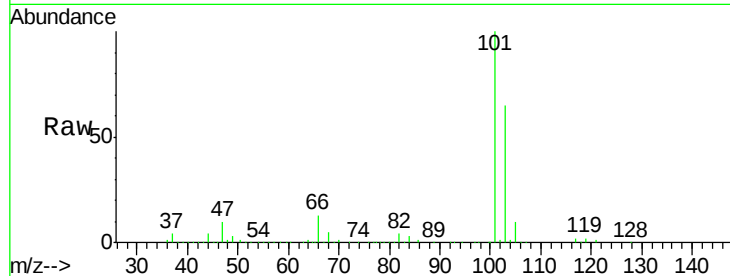
Trichlorofluoromethane  
 Concen: 22.21 ug/l  
 RT: 1.93 min Scan# 220  
 Delta R.T. -0.00 min  
 Lab File: VX002399.D  
 Acq: 08 Jun 2018 13:55

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0608WBS02

Tgt Ion:101 Resp: 127049  
 Ion Ratio Lower Upper  
 101 100  
 103 64.9 52.8 79.2

Manual Integrations  
 APPROVED

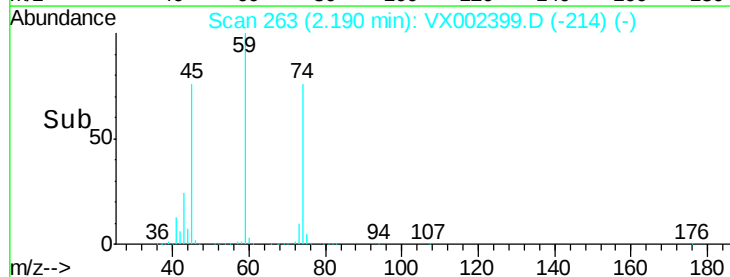
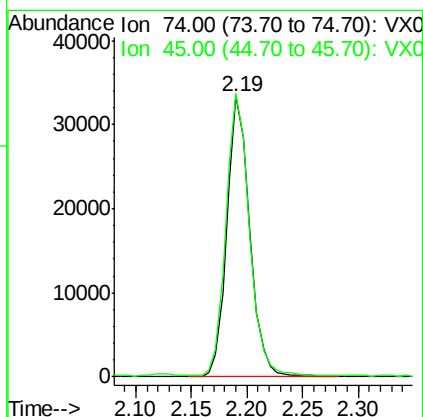
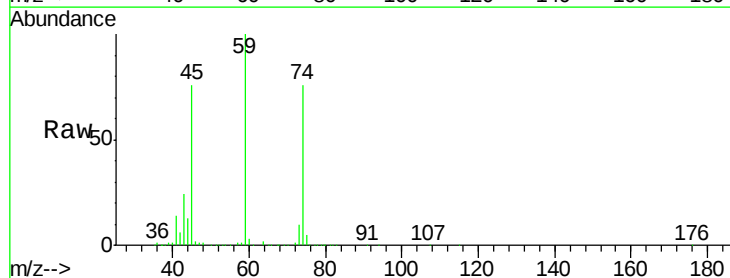
MMDadoda  
 6/11/2018 9:30:27 AM

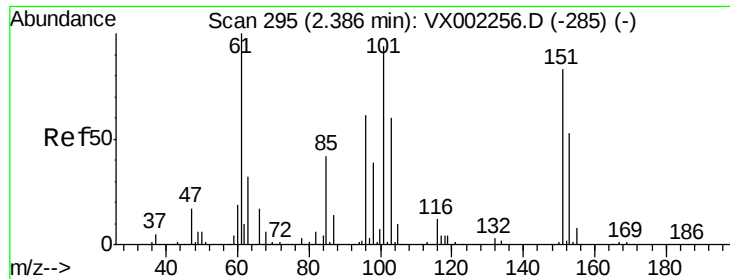


#8

Diethyl Ether  
 Concen: 22.04 ug/l  
 RT: 2.19 min Scan# 263  
 Delta R.T. 0.00 min  
 Lab File: VX002399.D  
 Acq: 08 Jun 2018 13:55

Tgt Ion: 74 Resp: 47517  
 Ion Ratio Lower Upper  
 74 100  
 45 102.3 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.47 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

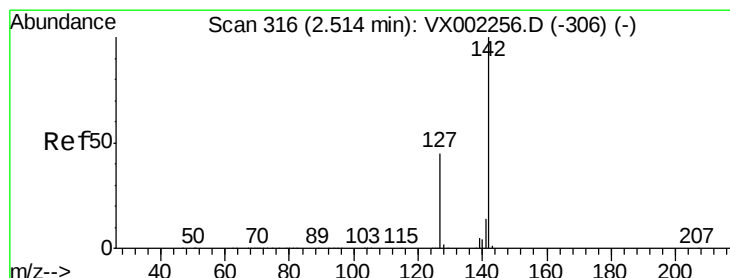
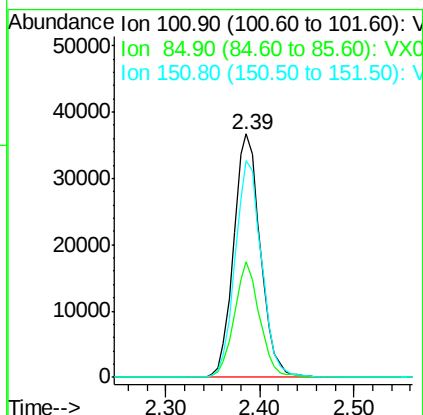
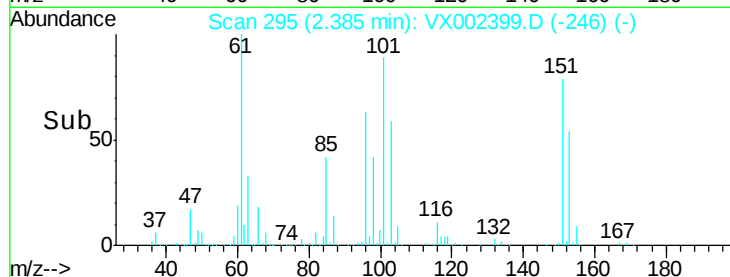
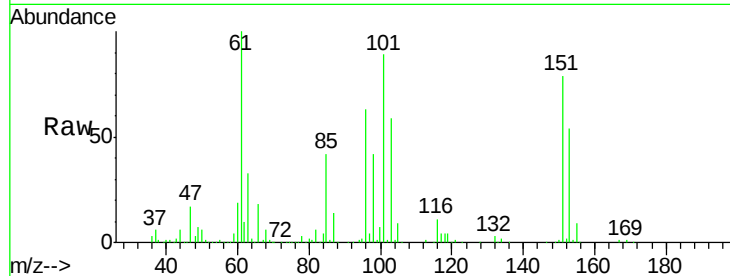
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0608WBS02

Tgt Ion:101 Resp: 72449

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 101 | 100   |       |       |
| 85  | 44.9  | 36.0  | 54.0  |
| 151 | 88.0  | 70.9  | 106.3 |

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#10

Methyl Iodide

Concen: 15.44 ug/l

RT: 2.51 min Scan# 316

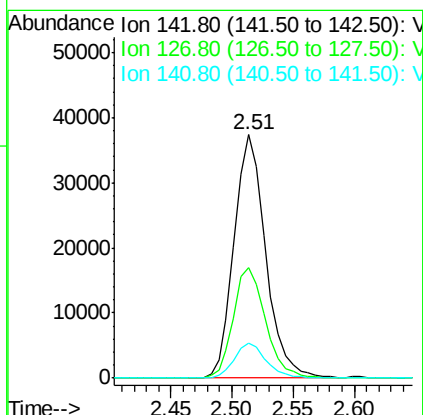
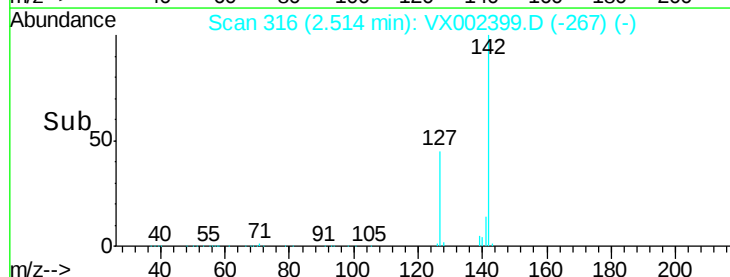
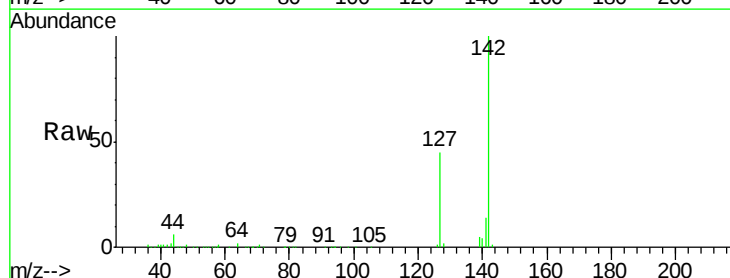
Delta R.T. -0.00 min

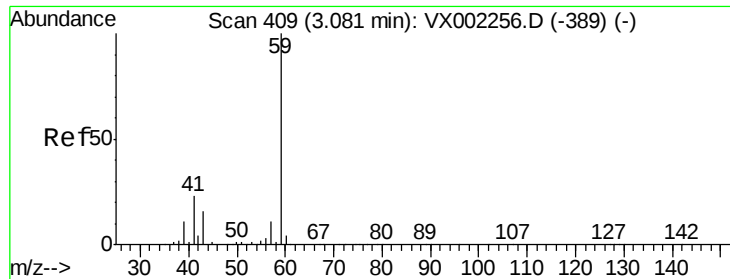
Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

Tgt Ion:142 Resp: 67024

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 142 | 100   |       |       |
| 127 | 46.5  | 36.6  | 55.0  |
| 141 | 14.4  | 11.3  | 16.9  |





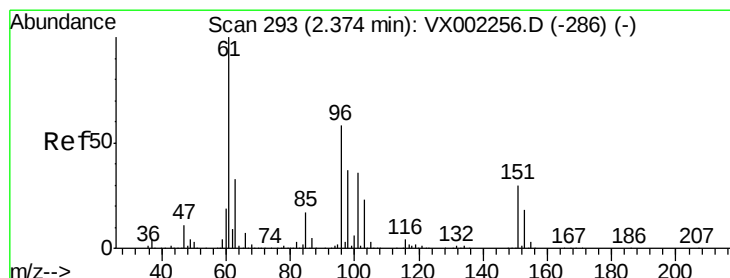
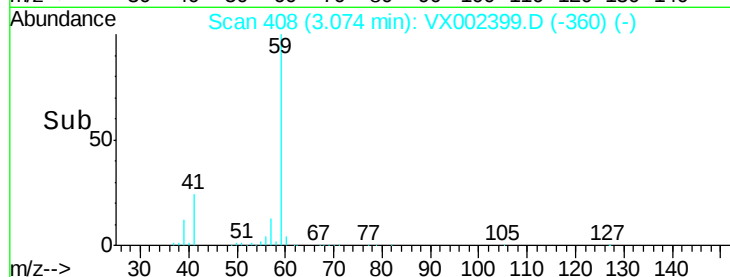
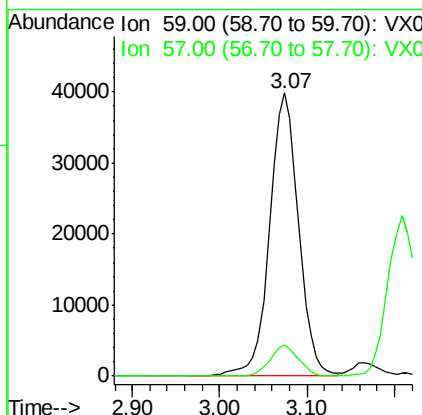
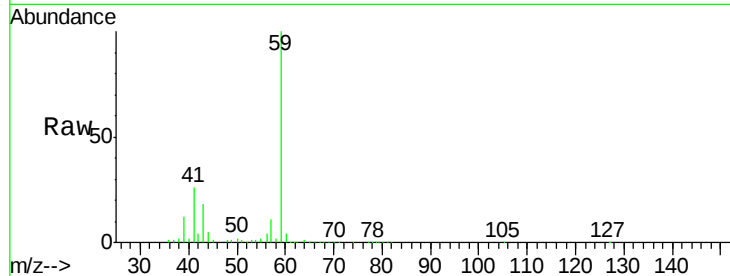
#11  
Tert butyl alcohol  
Concen: 98.28 ug/l  
RT: 3.07 min Scan# 408  
Delta R.T. -0.01 min  
Lab File: VX002399.D  
Acq: 08 Jun 2018 13:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0608WBS02

Tgt Ion: 59 Resp: 92622  
Ion Ratio Lower Upper  
59 100  
57 11.0 8.2 12.2

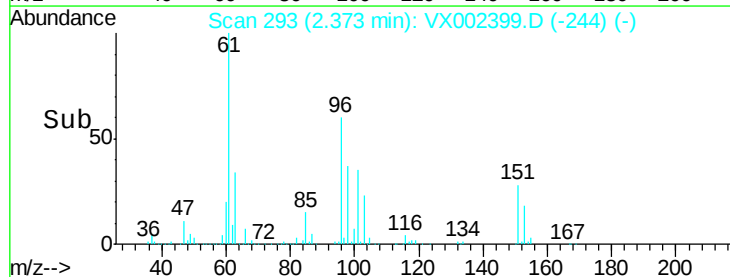
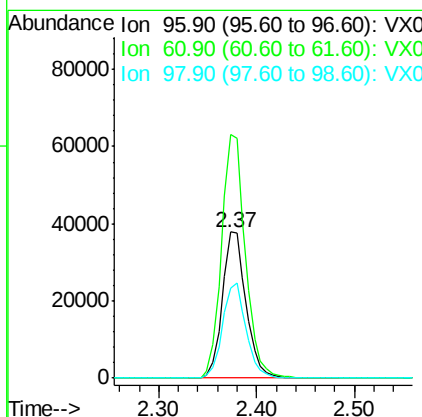
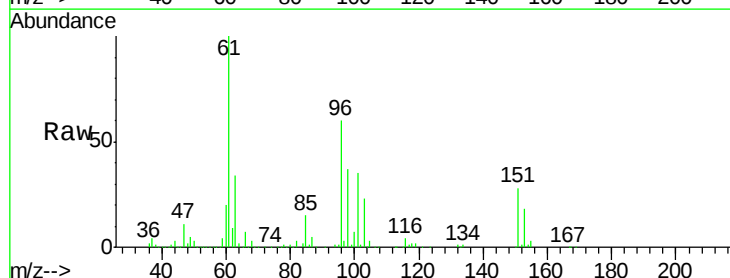
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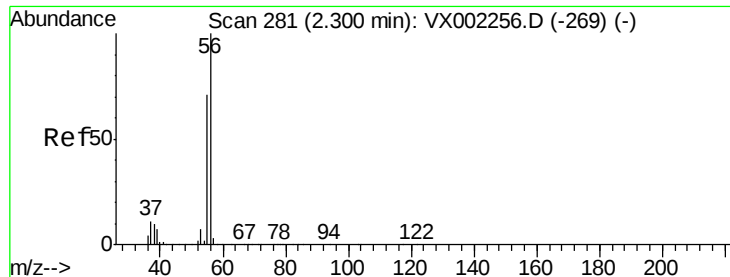
MMDadoda  
6/11/2018 9:30:27 AM



#12  
1,1-Dichloroethene  
Concen: 20.93 ug/l  
RT: 2.37 min Scan# 293  
Delta R.T. -0.00 min  
Lab File: VX002399.D  
Acq: 08 Jun 2018 13:55

Tgt Ion: 96 Resp: 63857  
Ion Ratio Lower Upper  
96 100  
61 166.4 137.9 206.9  
98 61.8 51.6 77.4





#13

Acrolein

Concen: 103.53 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

Instrument :

MSVOA\_X

ClientSampleId :

VX0608WBS02

Tgt Ion: 56 Resp: 44448

Ion Ratio Lower Upper

56 100

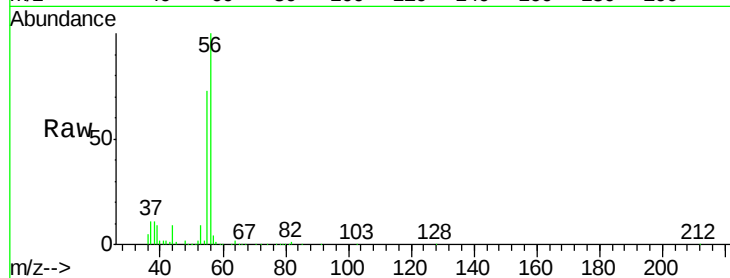
55 71.2 57.0 85.4

Manual Integrations

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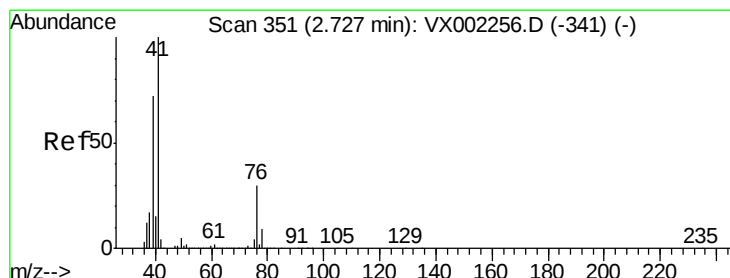
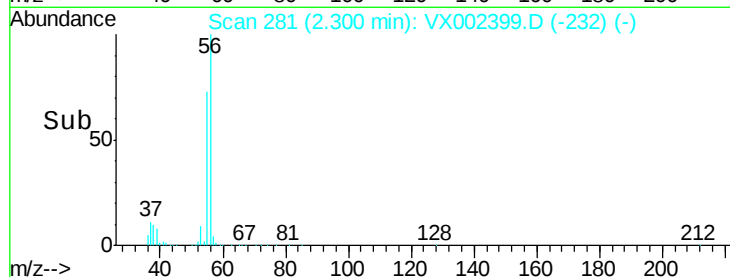
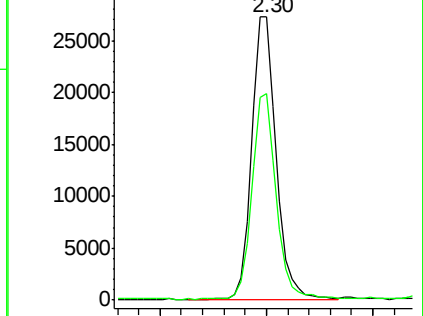
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 18.93 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

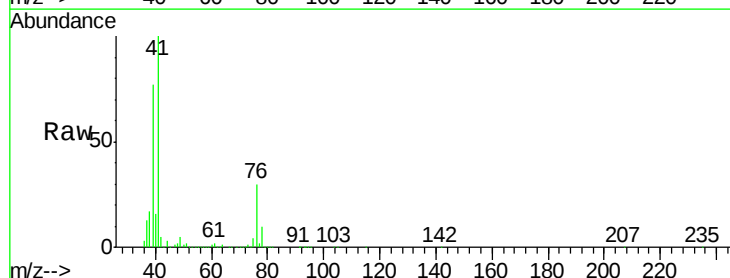
Tgt Ion: 41 Resp: 125345

Ion Ratio Lower Upper

41 100

39 74.1 56.8 85.2

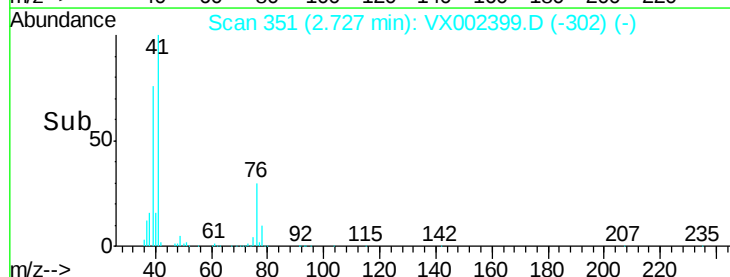
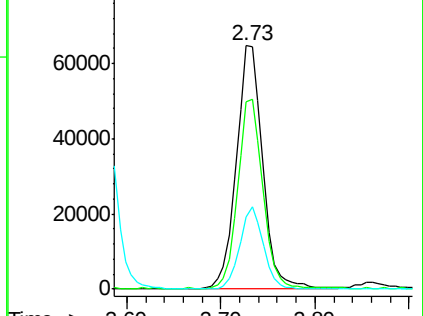
76 30.5 23.8 35.8

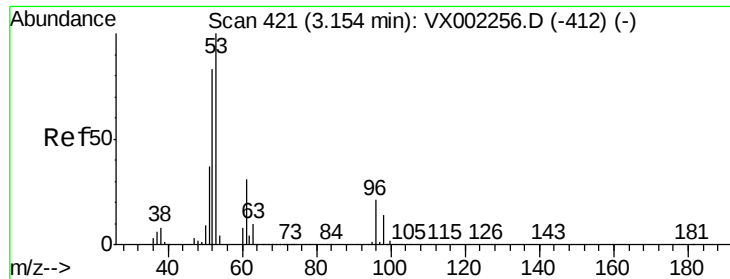


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 107.31 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

Instrument :

MSVOA\_X

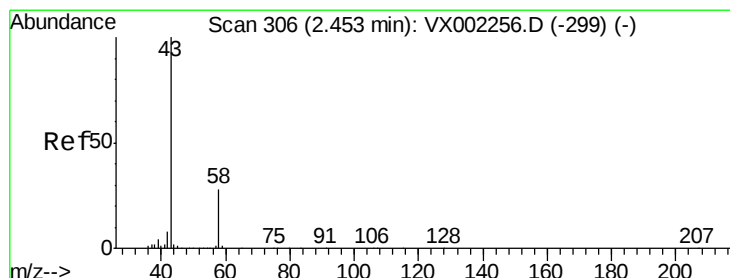
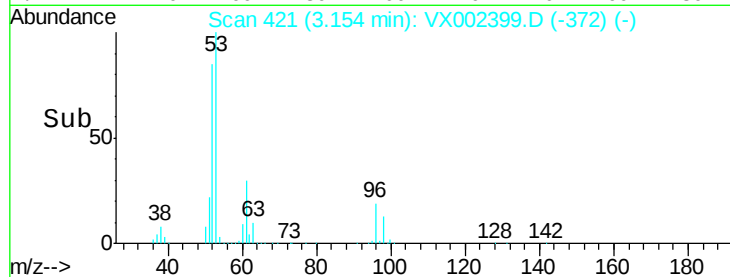
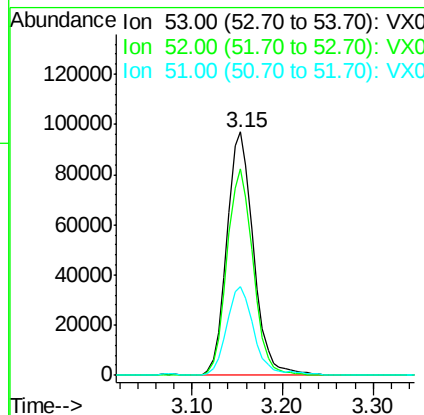
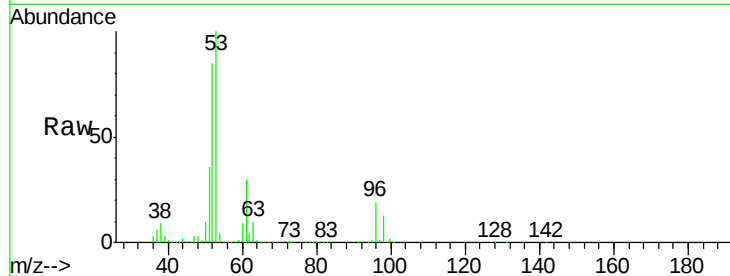
ClientSampleId :

VX0608WBS02

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 53   | Resp: | 196778 |
| Ion Ratio |      | Lower | Upper  |
| 53        | 100  |       |        |
| 52        | 83.6 | 66.7  | 100.1  |
| 51        | 37.5 | 29.9  | 44.9   |

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#16

Acetone

Concen: 108.33 ug/l

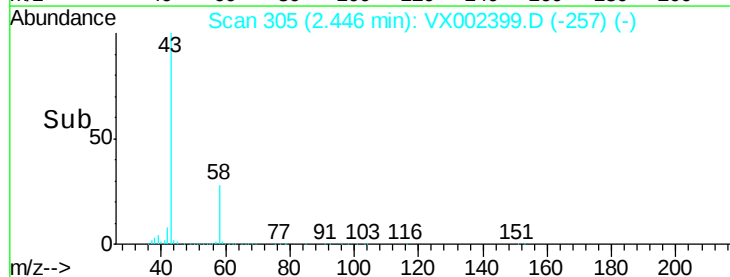
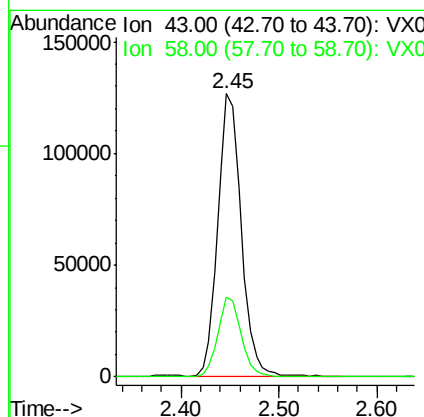
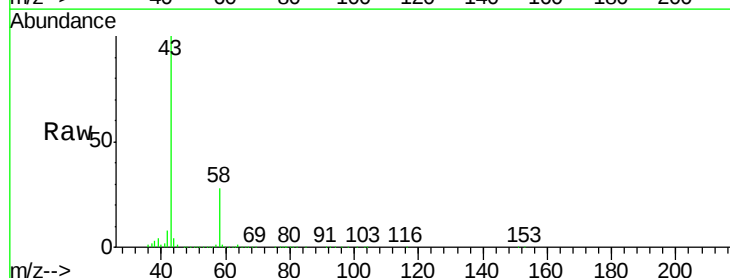
RT: 2.45 min Scan# 305

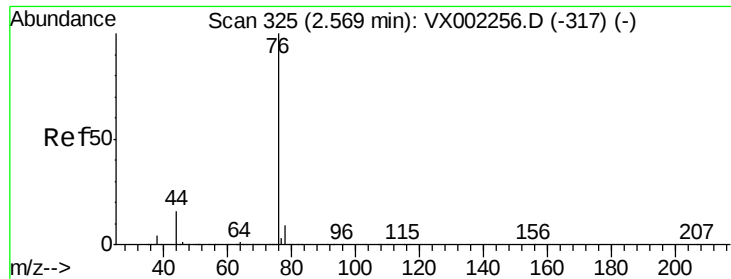
Delta R.T. -0.01 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 43   | Resp: | 210056 |
| Ion Ratio |      | Lower | Upper  |
| 43        | 100  |       |        |
| 58        | 28.1 | 22.1  | 33.1   |





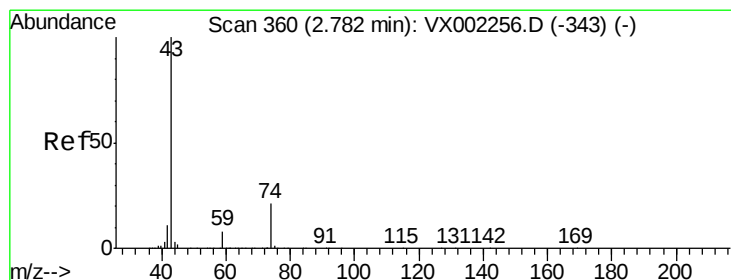
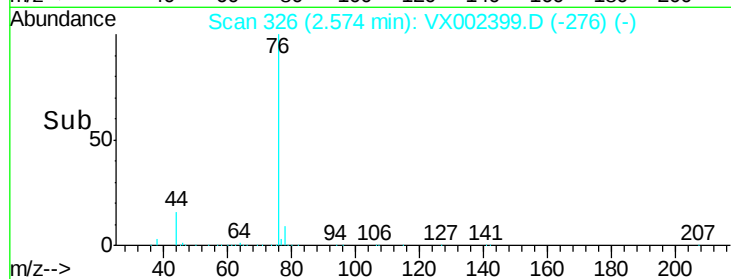
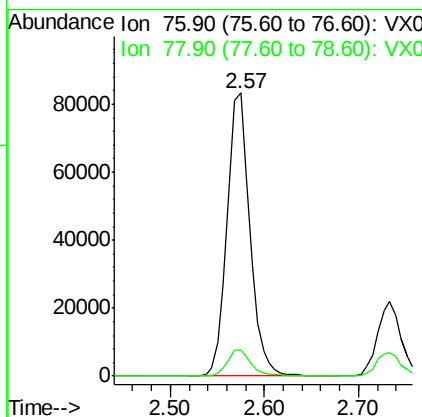
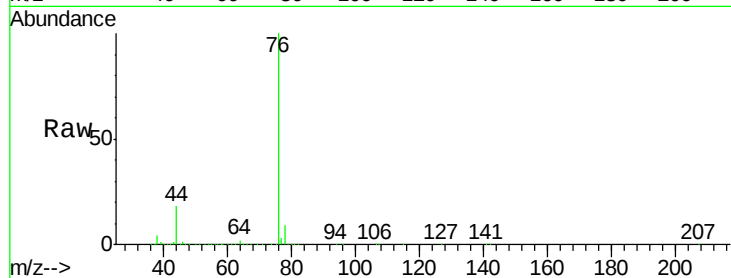
#17  
Carbon Disulfide  
Concen: 17.55 ug/l  
RT: 2.57 min Scan# 326  
Delta R.T. 0.01 min  
Lab File: VX002399.D  
Acq: 08 Jun 2018 13:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0608WBS02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 8.9   | 6.9   | 10.3  |

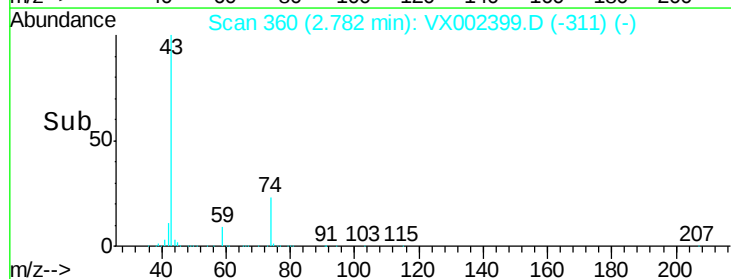
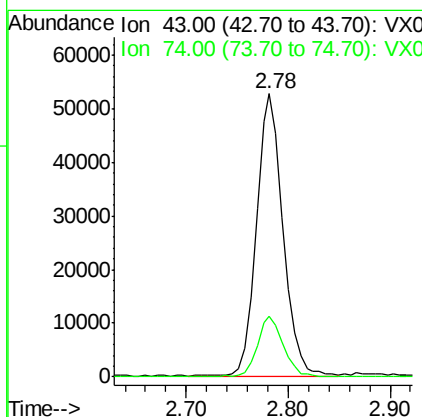
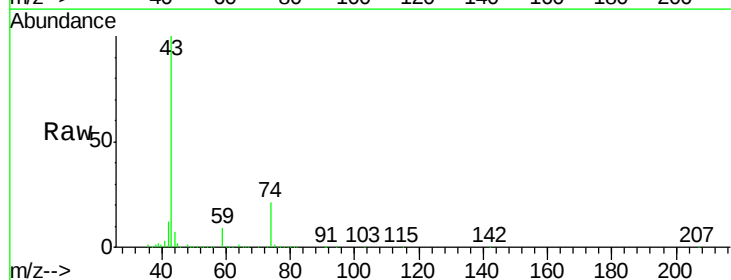
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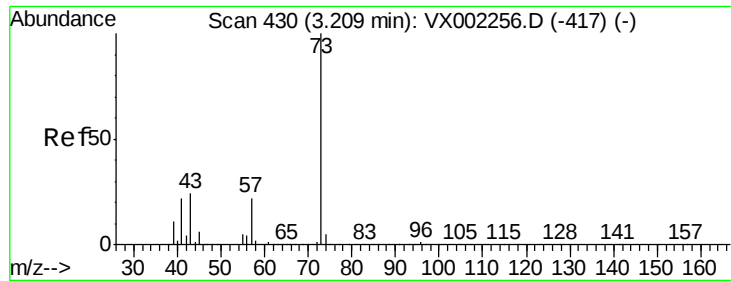
MMDadoda  
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#18  
Methyl Acetate  
Concen: 21.54 ug/l  
RT: 2.78 min Scan# 360  
Delta R.T. -0.00 min  
Lab File: VX002399.D  
Acq: 08 Jun 2018 13:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 21.6  | 16.7  | 25.1  |





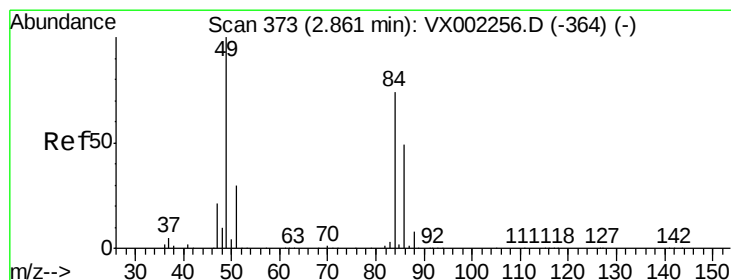
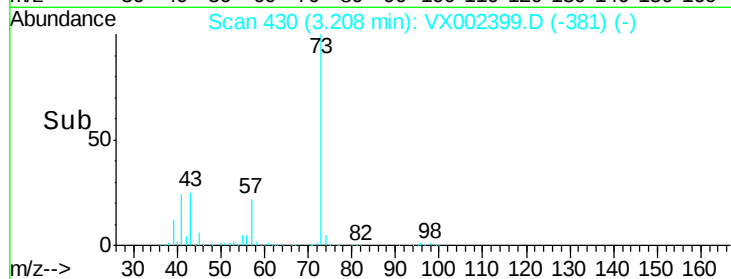
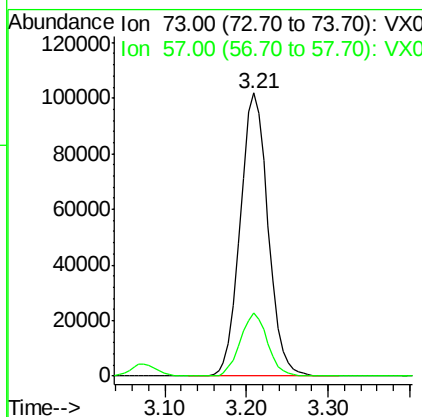
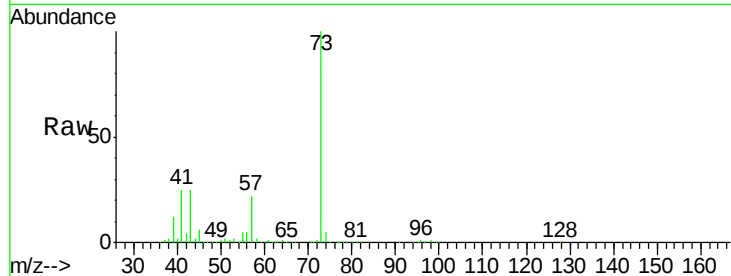
#19  
Methyl tert-butyl Ether  
Concen: 21.31 ug/l  
RT: 3.21 min Scan# 430  
Delta R.T. 0.00 min  
Lab File: VX002399.D  
Acq: 08 Jun 2018 13:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0608WBS02

Tgt Ion: 73 Resp: 240914  
Ion Ratio Lower Upper  
73 100  
57 22.1 17.7 26.5

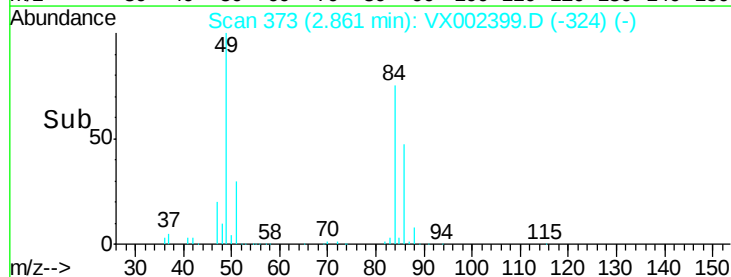
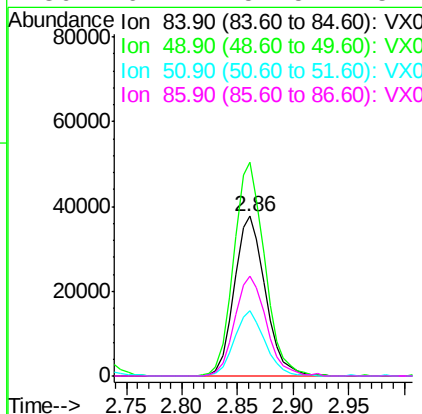
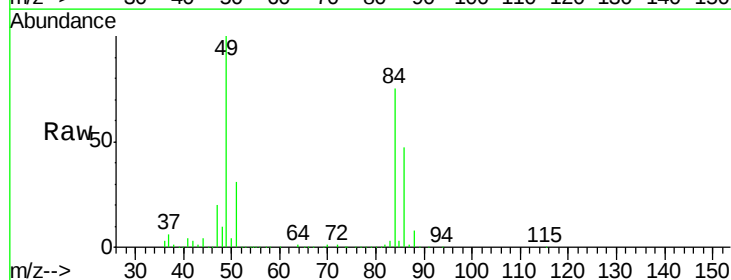
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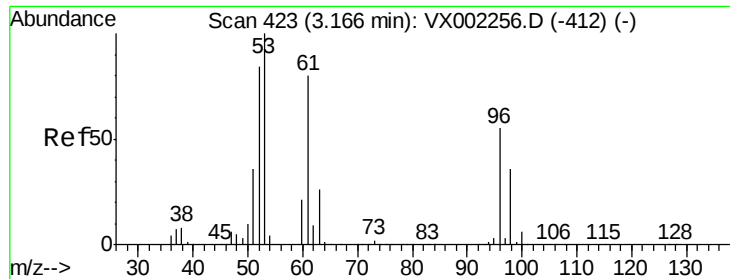
MMDadoda  
6/11/2018 9:30:27 AM



#20  
Methylene Chloride  
Concen: 20.79 ug/l  
RT: 2.86 min Scan# 373  
Delta R.T. 0.00 min  
Lab File: VX002399.D  
Acq: 08 Jun 2018 13:55

Tgt Ion: 84 Resp: 72586  
Ion Ratio Lower Upper  
84 100  
49 133.6 107.8 161.6  
51 40.5 32.8 49.2  
86 62.2 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 20.26 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

Instrument :

MSVOA\_X

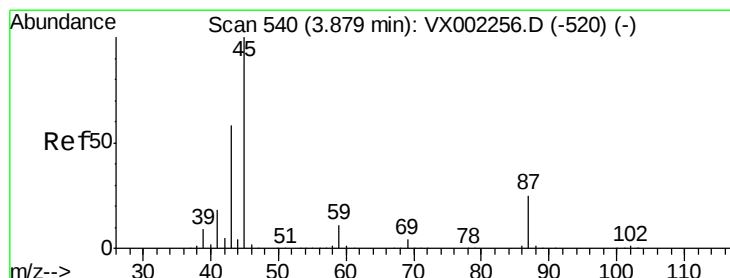
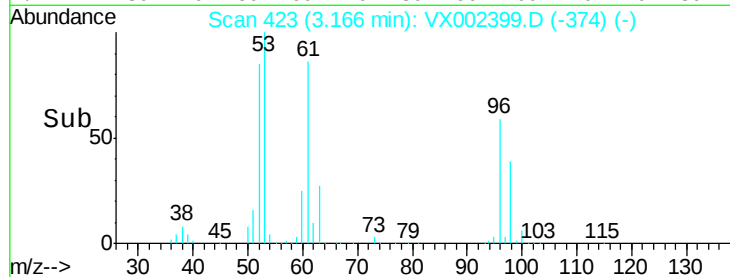
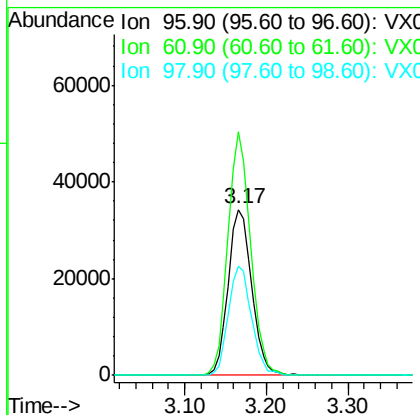
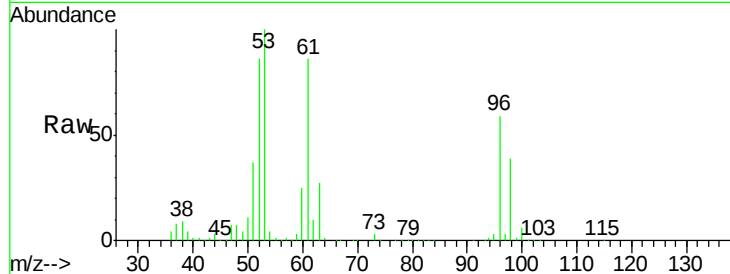
ClientSampleId :

VX0608WBS02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 68154 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 146.8 | 117.0 | 175.4 |
| 98       | 65.9  | 52.4  | 78.6  |

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#22

Diisopropyl ether

Concen: 19.32 ug/l

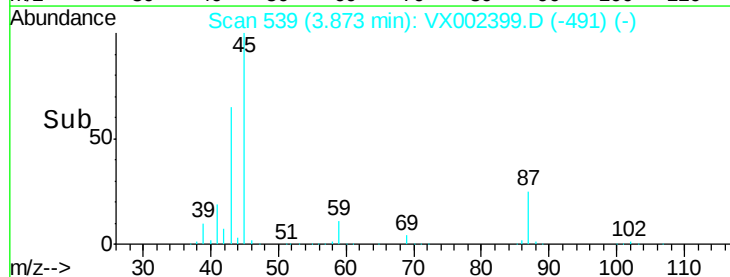
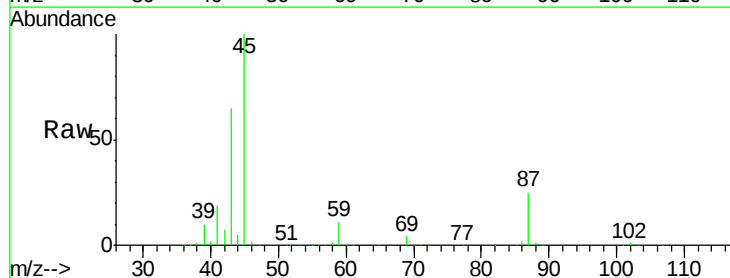
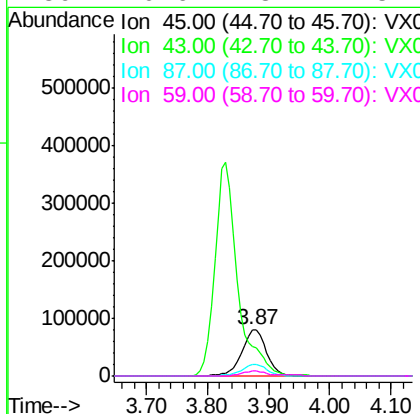
RT: 3.87 min Scan# 539

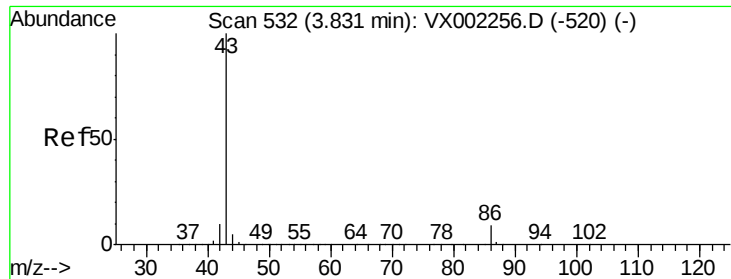
Delta R.T. -0.01 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 223749 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 64.6  | 46.8  | 70.2   |
| 87       | 25.3  | 20.2  | 30.4   |
| 59       | 10.6  | 8.7   | 13.1   |





#23

Vinyl Acetate

Concen: 90.53 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

Instrument :

MSVOA\_X

ClientSampleId :

VX0608WBS02

Tgt Ion: 43 Resp: 971551

Ion Ratio Lower Upper

43 100

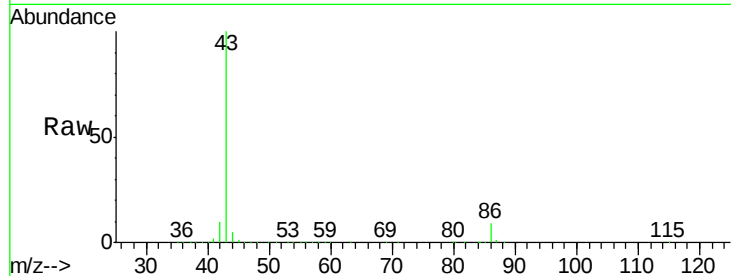
86 9.3 7.4 11.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

400000

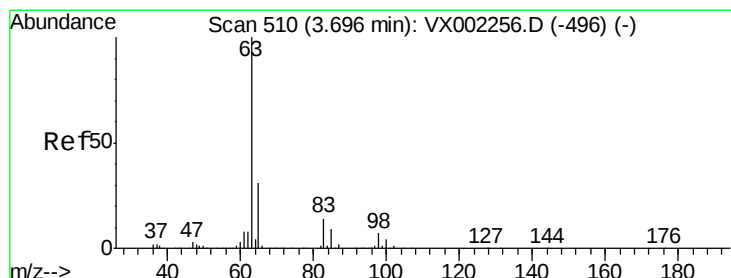
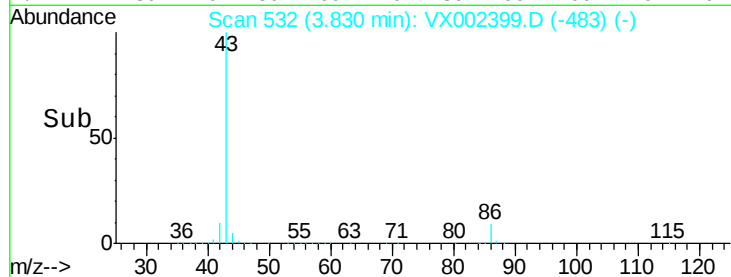
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.54 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

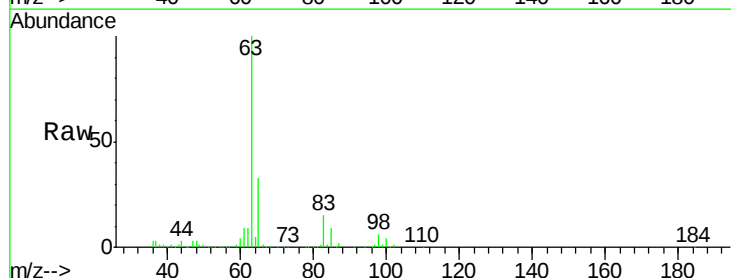
Tgt Ion: 63 Resp: 134416

Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.2

100 4.5 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

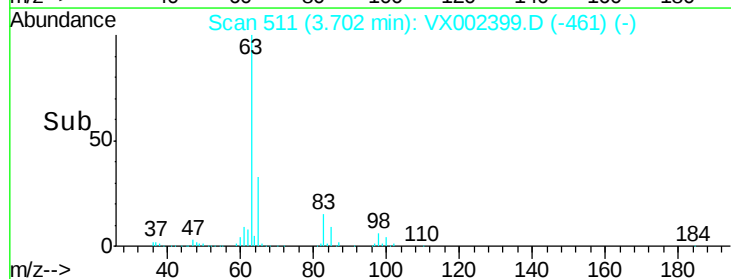
60000

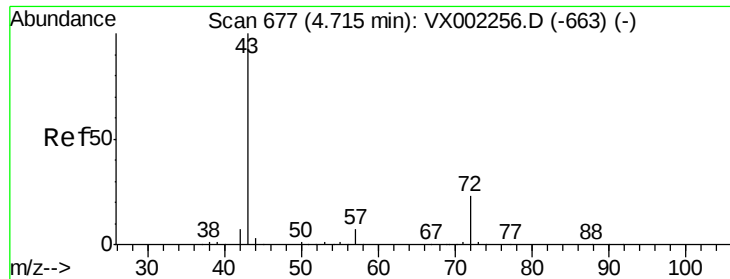
40000

20000

0

Time-->





#25

2-Butanone

Concen: 93.03 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

Instrument :

MSVOA\_X

ClientSampleId :

VX0608WBS02

Tgt Ion: 43 Resp: 261379

Ion Ratio Lower Upper

43 100

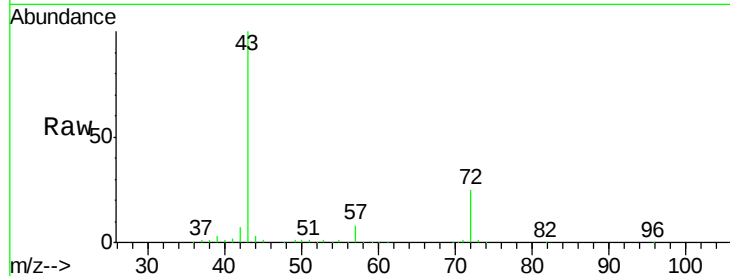
72 24.6 18.5 27.7

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

100000

80000

60000

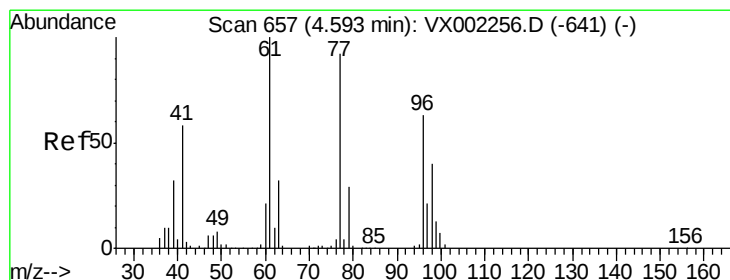
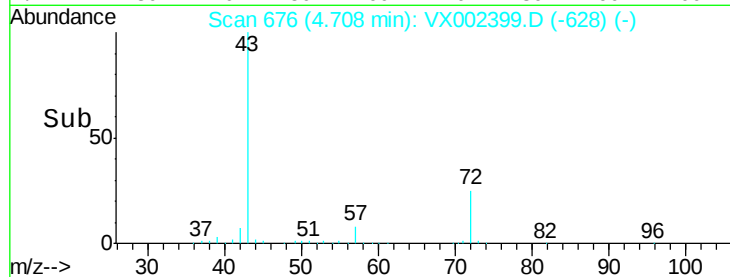
40000

20000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 18.31 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002399.D

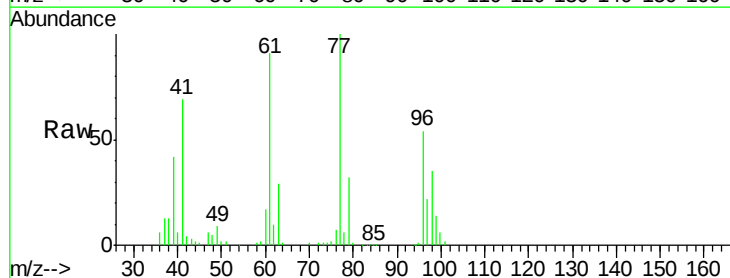
Acq: 08 Jun 2018 13:55

Tgt Ion: 77 Resp: 93660

Ion Ratio Lower Upper

77 100

97 23.1 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

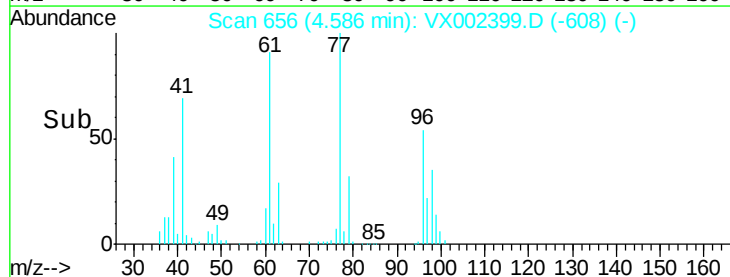
20000

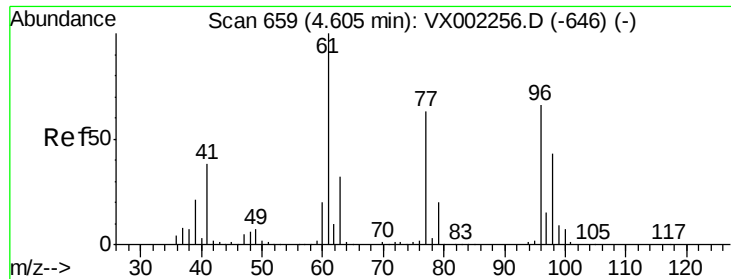
10000

0

4.40 4.50 4.60 4.70

Time-->





#27

cis-1,2-Dichloroethene

Concen: 18.83 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

Instrument :

MSVOA\_X

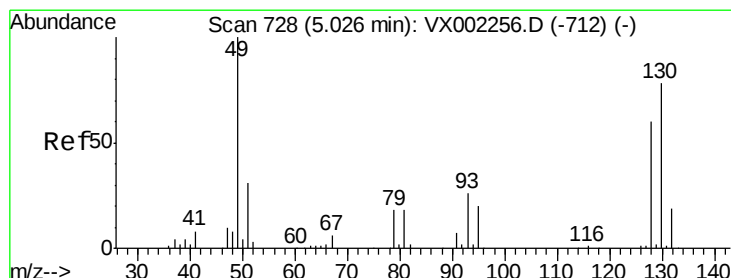
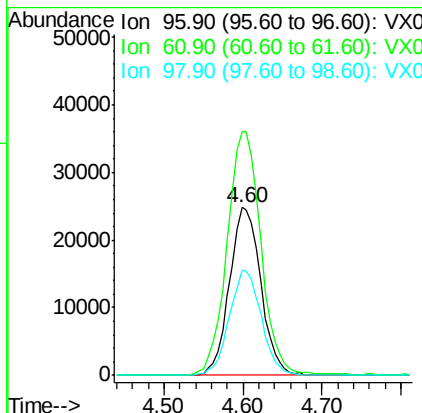
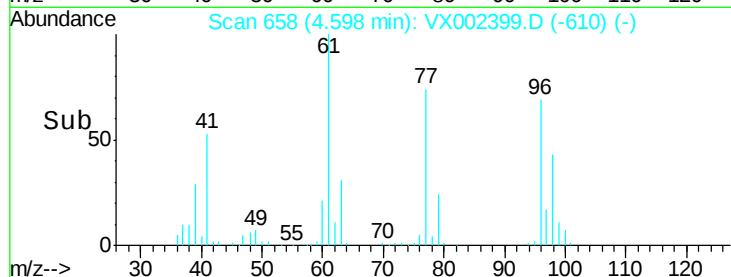
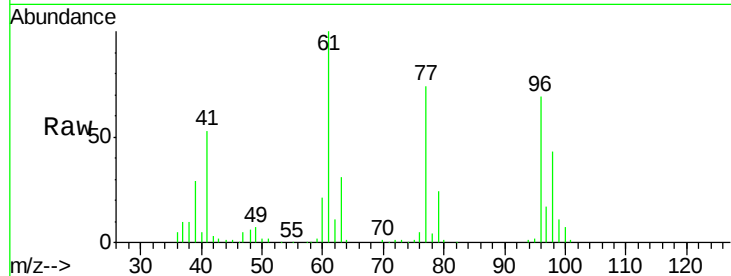
ClientSampleId :

VX0608WBS02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 68887 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 156.1 | 0.0   | 330.2 |
| 98       | 63.5  | 0.0   | 130.2 |

Manual Integrations  
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#28

Bromochloromethane

Concen: 21.16 ug/l

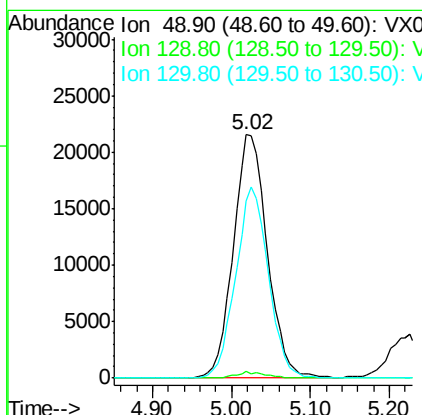
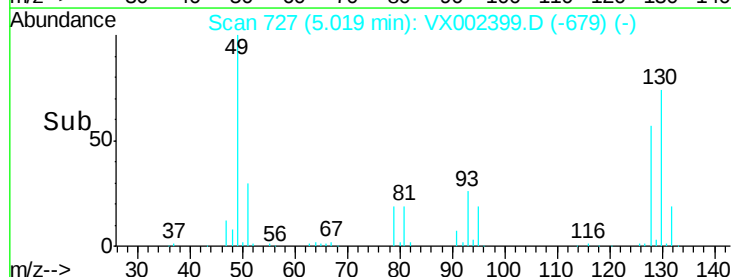
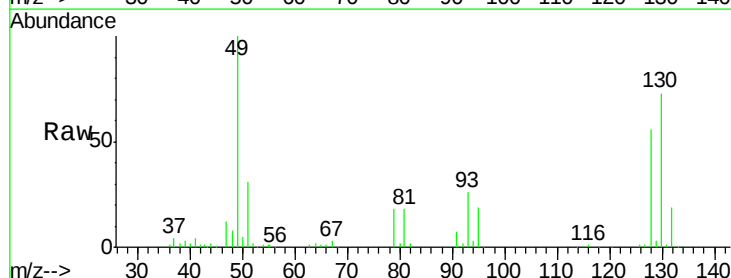
RT: 5.02 min Scan# 727

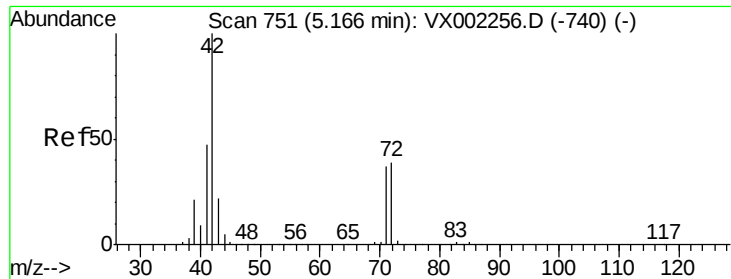
Delta R.T. -0.01 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 64589 |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 2.1   | 0.0   | 4.2   |
| 130      | 75.7  | 61.2  | 91.8  |





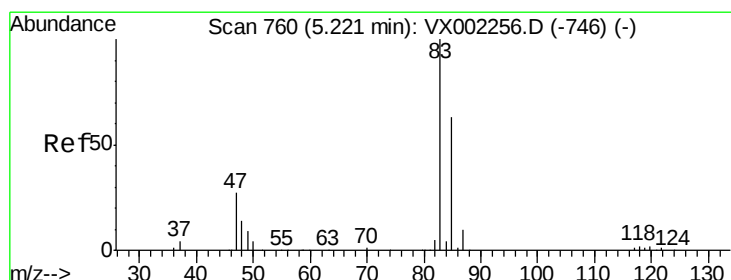
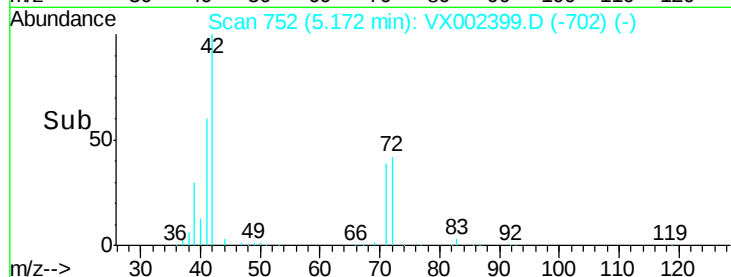
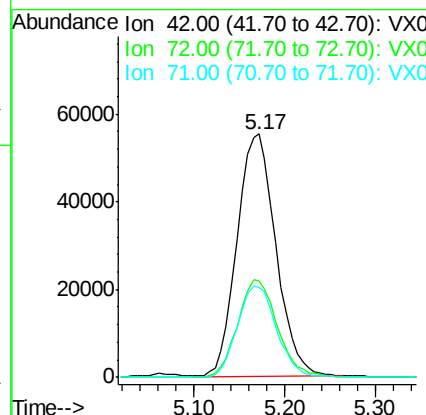
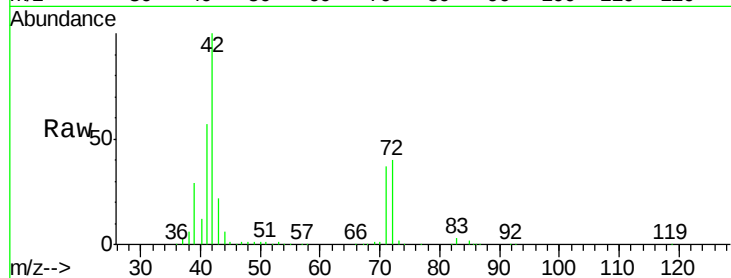
#29  
Tetrahydrofuran  
Concen: 90.81 ug/l  
RT: 5.17 min Scan# 752  
Delta R.T. 0.01 min  
Lab File: VX002399.D  
Acq: 08 Jun 2018 13:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0608WBS02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 41.4  | 32.0  | 48.0  |
| 71      | 38.1  | 30.1  | 45.1  |

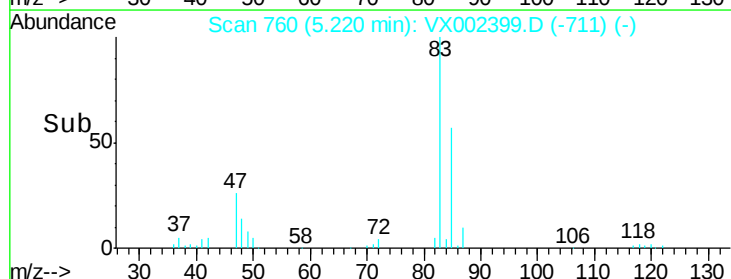
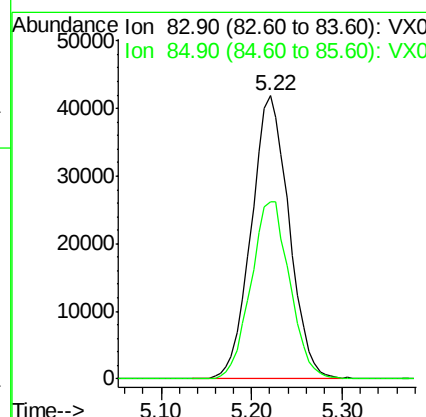
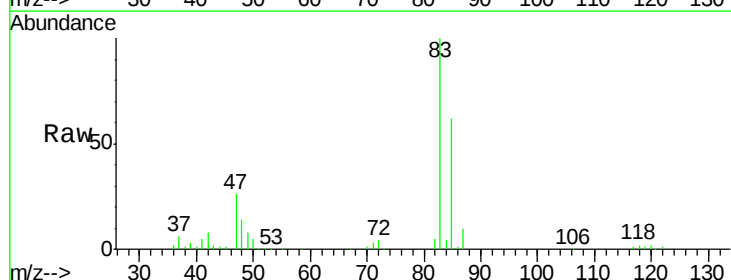
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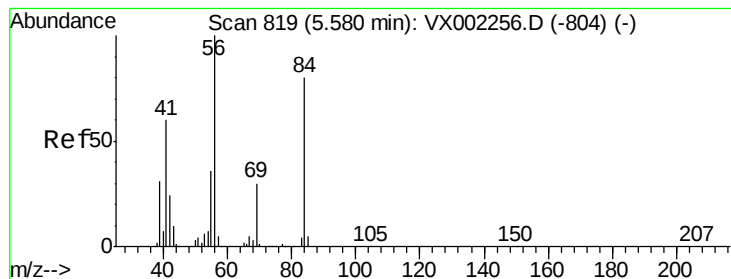
MMDadoda  
6/11/2018 9:30:27 AM



#30  
Chloroform  
Concen: 19.11 ug/l  
RT: 5.22 min Scan# 760  
Delta R.T. -0.00 min  
Lab File: VX002399.D  
Acq: 08 Jun 2018 13:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 62.4  | 50.4  | 75.6  |





#31

Cyclohexane

Concen: 19.95 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

Instrument :

MSVOA\_X

ClientSampleId :

VX0608WBS02

Tgt Ion: 56 Resp: 103207  
Ion Ratio Lower Upper

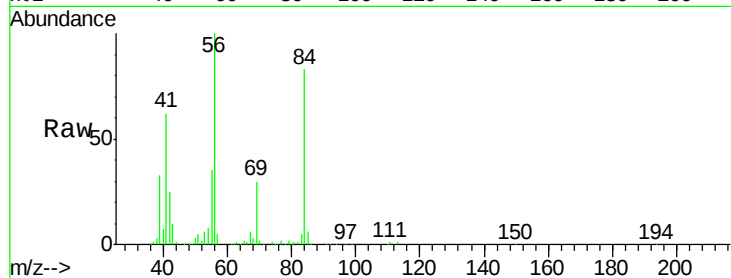
56 100

69 29.6 23.7 35.5

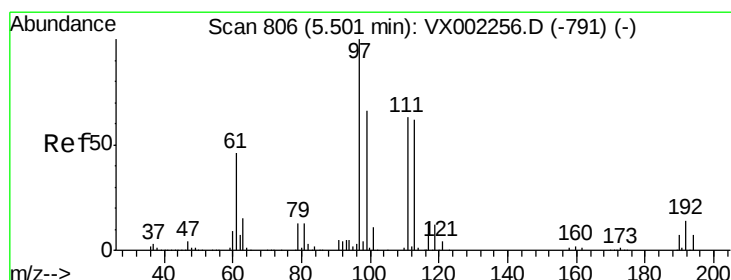
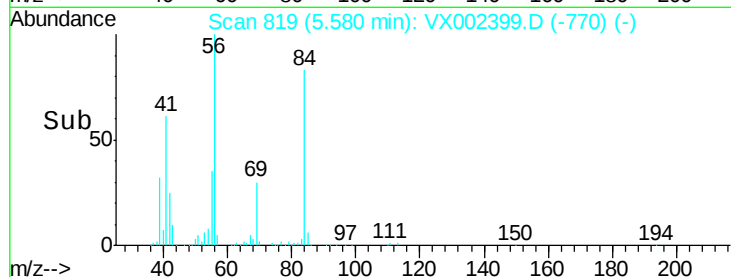
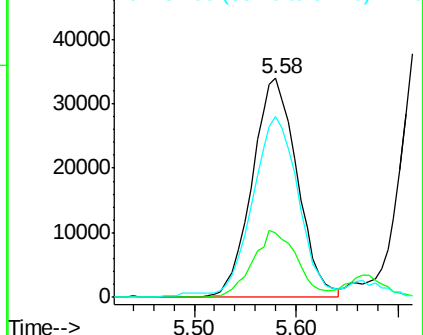
84 80.7 64.1 96.1

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6/11/2018 9:30:27 AM



Abundance Ion 56.00 (55.70 to 56.70): VX0  
Ion 69.00 (68.70 to 69.70): VX0  
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.58 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002399.D

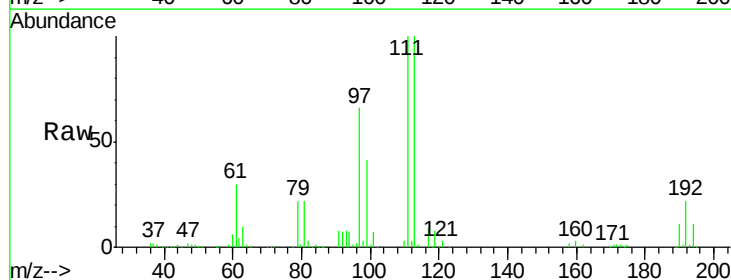
Acq: 08 Jun 2018 13:55

Tgt Ion: 97 Resp: 104843  
Ion Ratio Lower Upper

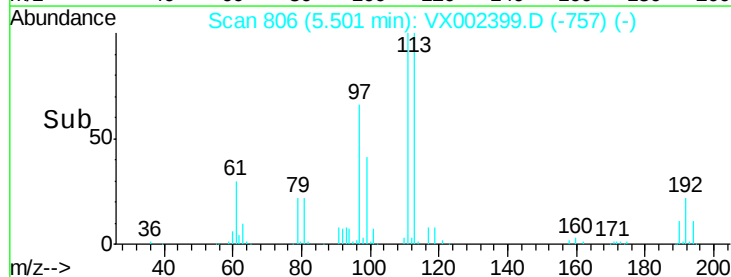
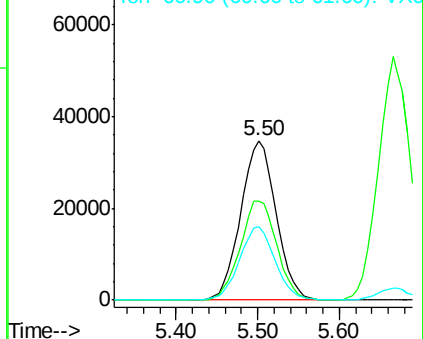
97 100

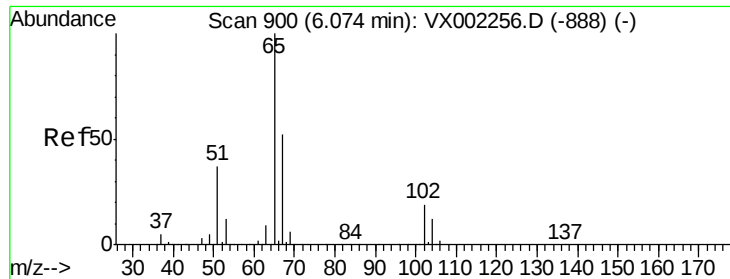
99 64.2 51.6 77.4

61 46.6 36.4 54.6



Abundance Ion 96.90 (96.60 to 97.60): VX0  
Ion 98.90 (98.60 to 99.60): VX0  
Ion 60.90 (60.60 to 61.60): VX0





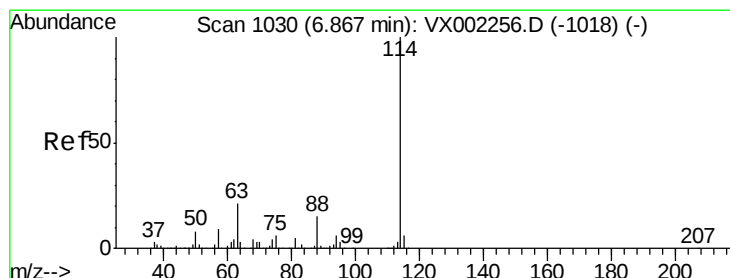
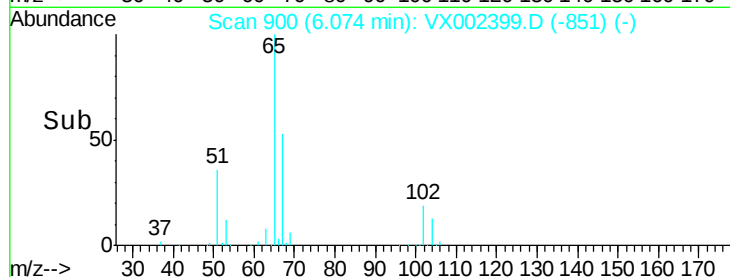
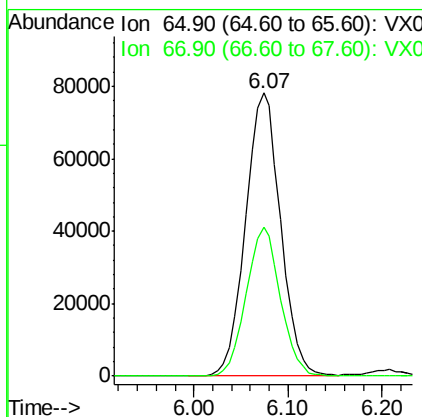
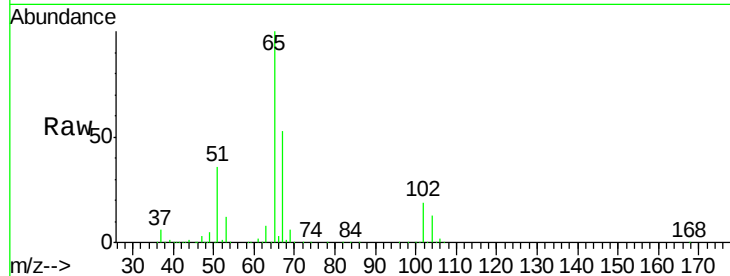
#33  
 1,2-Dichloroethane-d4  
 Concen: 49.80 ug/l  
 RT: 6.07 min Scan# 900  
 Delta R.T. -0.00 min  
 Lab File: VX002399.D  
 Acq: 08 Jun 2018 13:55

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0608WBS02

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 204128 |       |       |
| 67      | 51.4  | 0.0    | 102.6 |       |

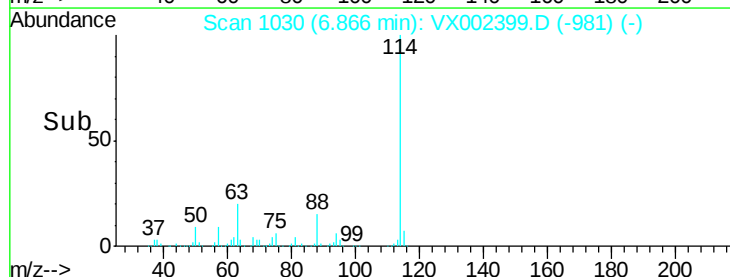
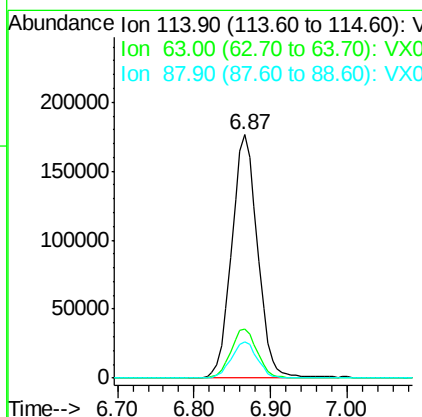
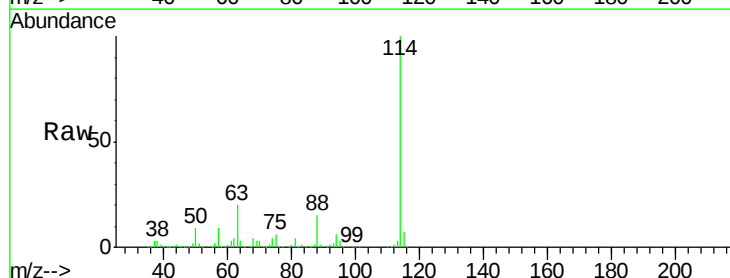
Manual Integrations  
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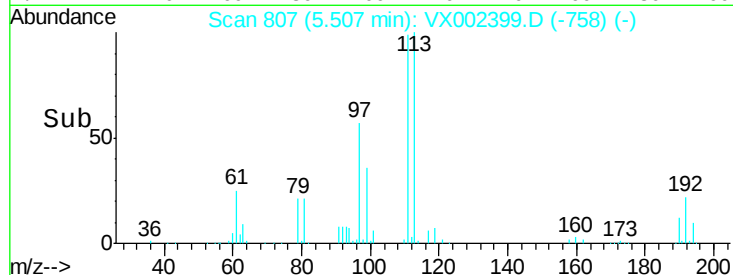
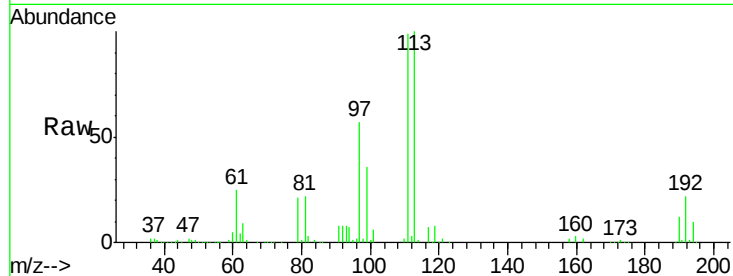
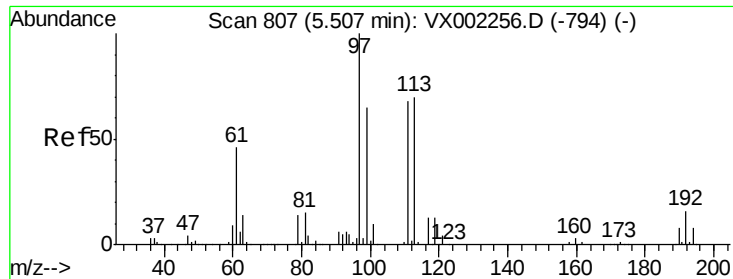
MMDadoda  
 6/11/2018 9:30:27 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 6.87 min Scan# 1030  
 Delta R.T. -0.00 min  
 Lab File: VX002399.D  
 Acq: 08 Jun 2018 13:55

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 414452 |       |       |
| 63      | 20.0  | 0.0    | 41.4  |       |
| 88      | 15.0  | 0.0    | 30.0  |       |





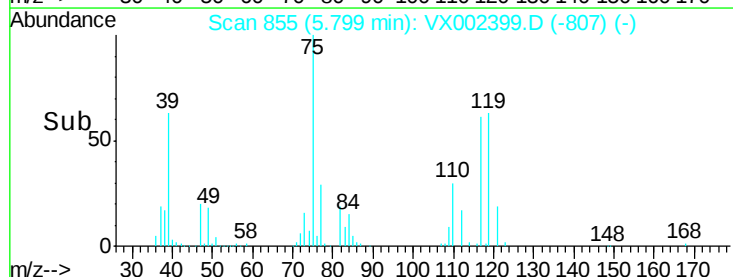
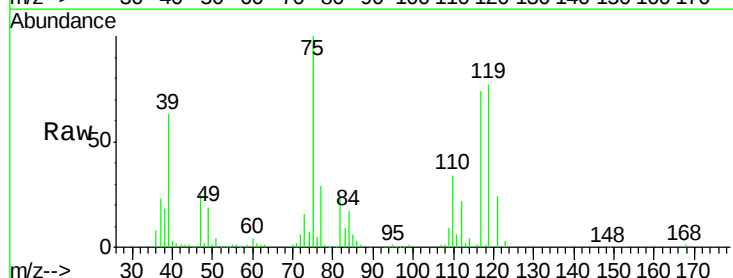
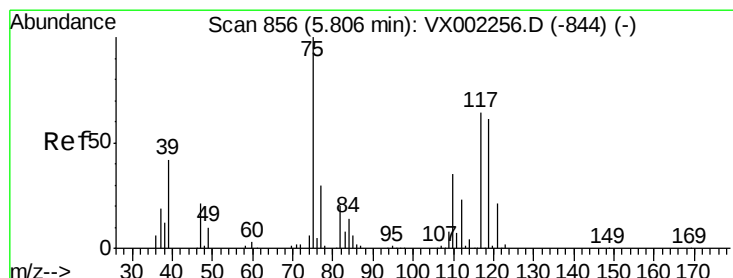
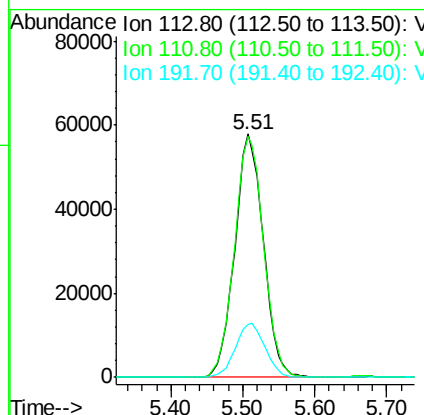
#35  
Dibromofluoromethane  
Concen: 48.97 ug/l  
RT: 5.51 min Scan# 807  
Delta R.T. -0.00 min  
Lab File: VX002399.D  
Acq: 08 Jun 2018 13:55

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 159620 |       |       |
| 111     | 101.3 | 81.4   | 122.0 |       |
| 192     | 22.9  | 19.1   | 28.7  |       |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0608WBS02

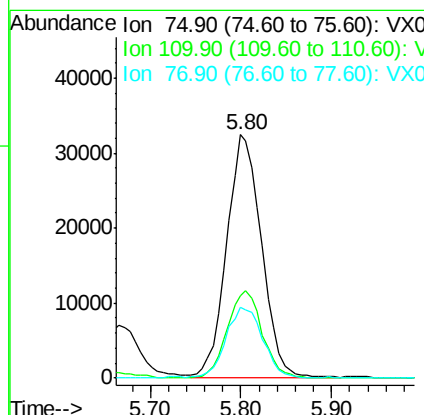
Manual Integrations  
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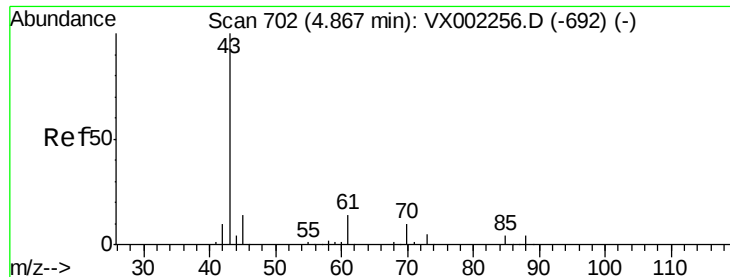
MMDadoda  
6/11/2018 9:30:27 AM



#36  
1,1-Dichloropropene  
Concen: 19.71 ug/l  
RT: 5.80 min Scan# 855  
Delta R.T. -0.01 min  
Lab File: VX002399.D  
Acq: 08 Jun 2018 13:55

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 85886 |       |       |
| 110     | 36.6  | 18.1  | 54.4  |       |
| 77      | 30.5  | 24.3  | 36.5  |       |





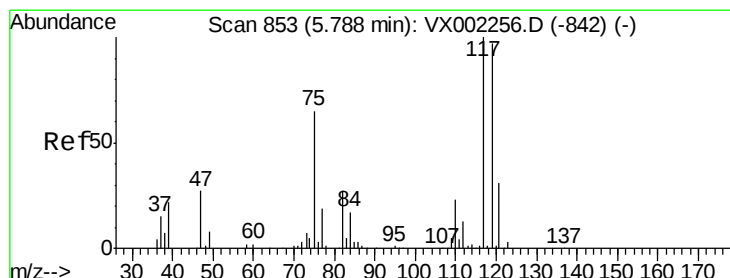
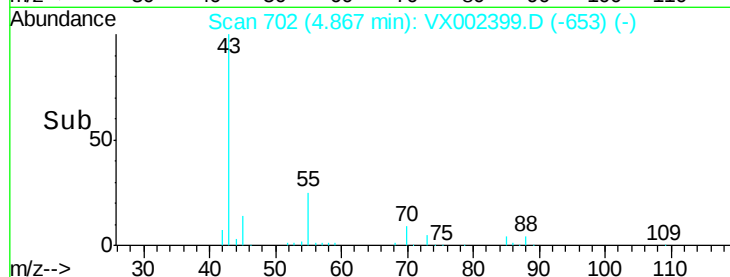
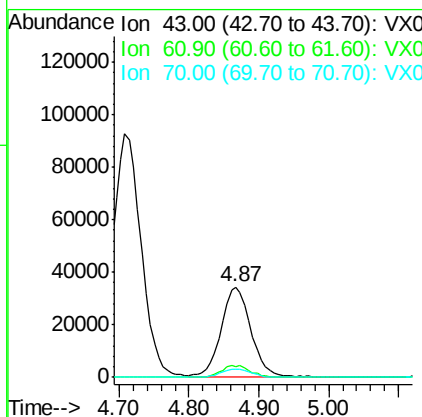
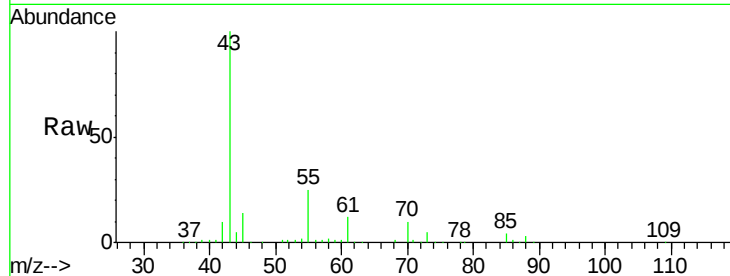
#37  
Ethyl Acetate  
Concen: 19.27 ug/l  
RT: 4.87 min Scan# 702  
Delta R.T. -0.00 min  
Lab File: VX002399.D  
Acq: 08 Jun 2018 13:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0608WBS02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 13.1  | 10.4  | 15.6  |
| 70      | 9.5   | 7.6   | 11.4  |

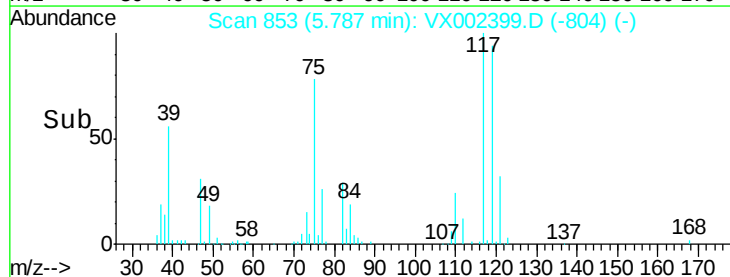
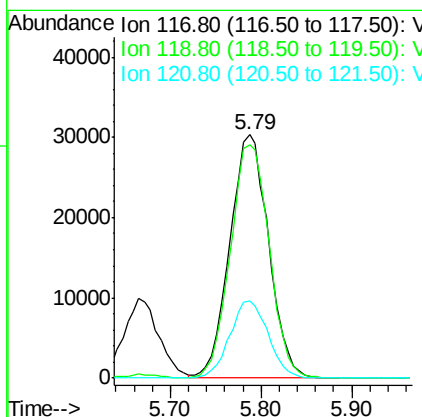
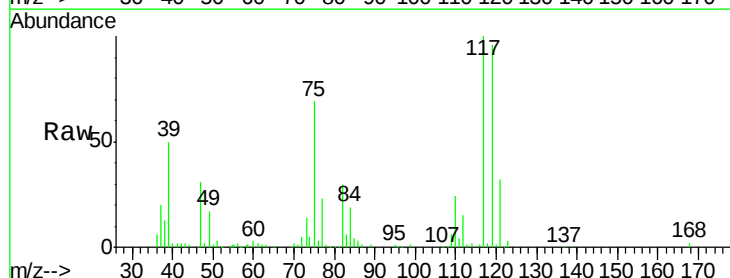
Manual Integrations  
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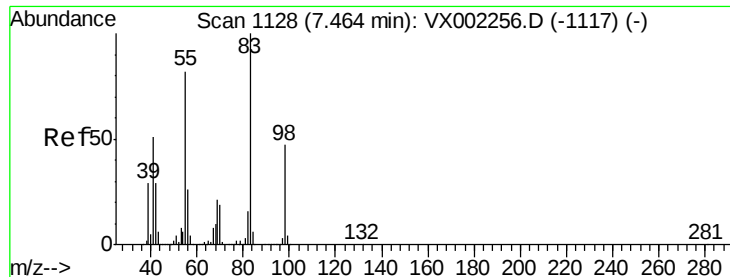
MMDadoda  
6/11/2018 9:30:27 AM



#38  
Carbon Tetrachloride  
Concen: 19.74 ug/l  
RT: 5.79 min Scan# 853  
Delta R.T. -0.00 min  
Lab File: VX002399.D  
Acq: 08 Jun 2018 13:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.4  | 77.4  | 116.0 |
| 121     | 31.9  | 24.4  | 36.6  |





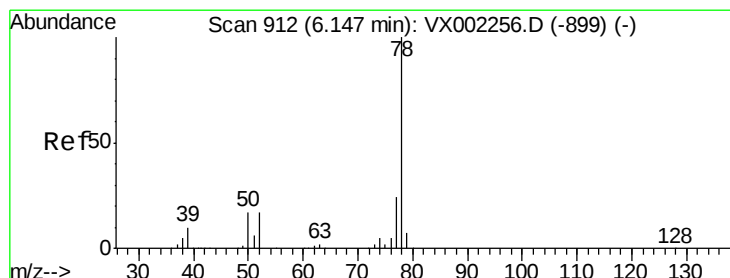
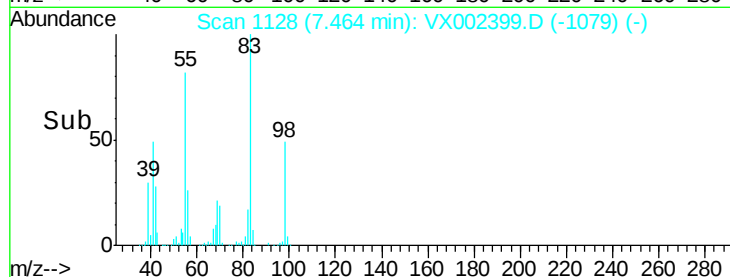
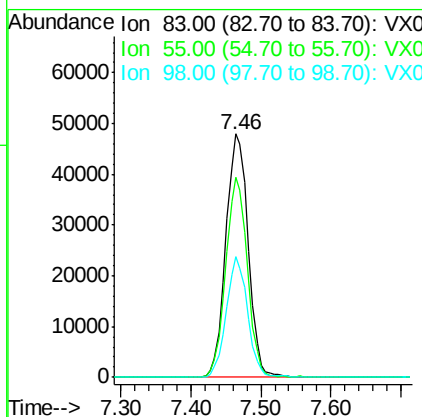
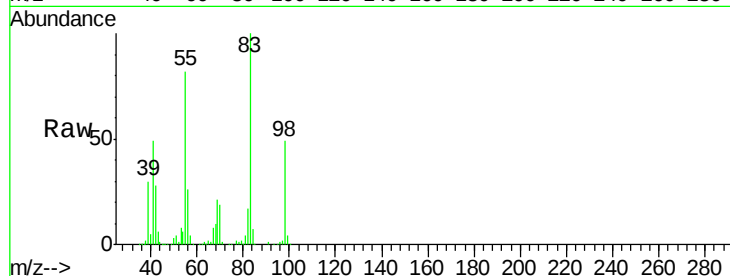
#39  
Methylcyclohexane  
Concen: 19.91 ug/l  
RT: 7.46 min Scan# 1128  
Delta R.T. -0.00 min  
Lab File: VX002399.D  
Acq: 08 Jun 2018 13:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0608WBS02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 82.3  | 65.4  | 98.0  |
| 98      | 49.4  | 37.4  | 56.0  |

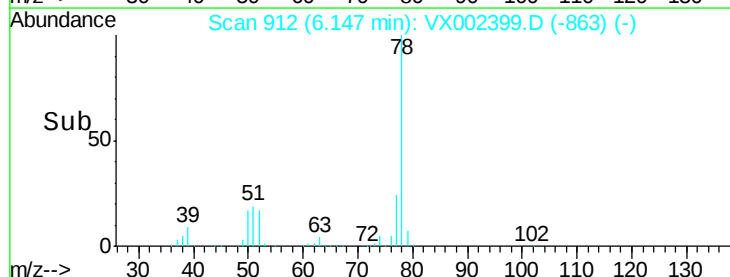
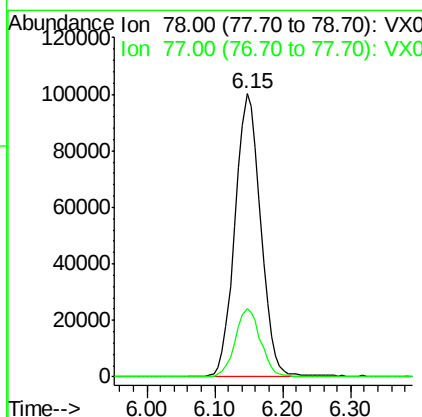
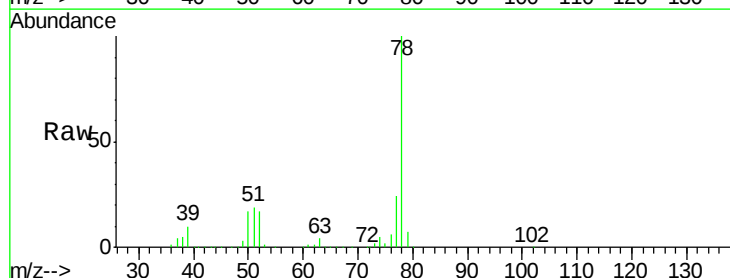
Manual Integrations  
APPROVED

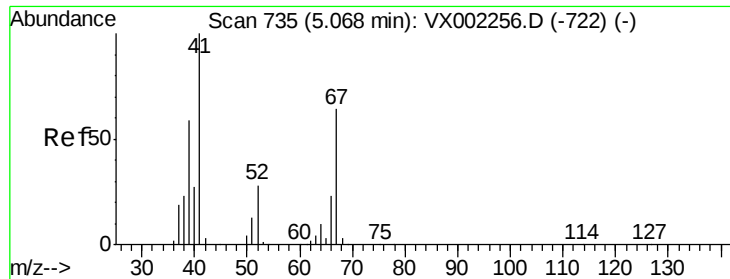
MMDadoda  
6/11/2018 9:30:27 AM



#40  
Benzene  
Concen: 19.77 ug/l  
RT: 6.15 min Scan# 912  
Delta R.T. -0.00 min  
Lab File: VX002399.D  
Acq: 08 Jun 2018 13:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 24.3  | 19.1  | 28.7  |





#41

Methacrylonitrile

Concen: 18.60 ug/l

RT: 5.06 min Scan# 734

Delta R.T. -0.01 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

Instrument :

MSVOA\_X

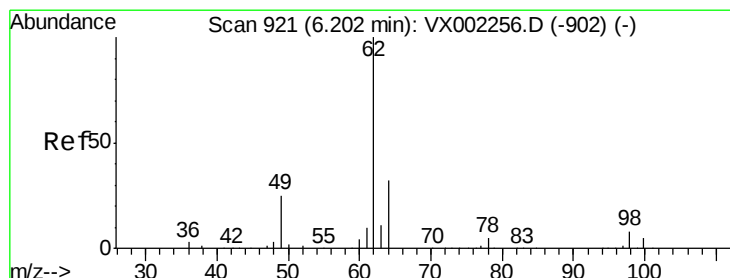
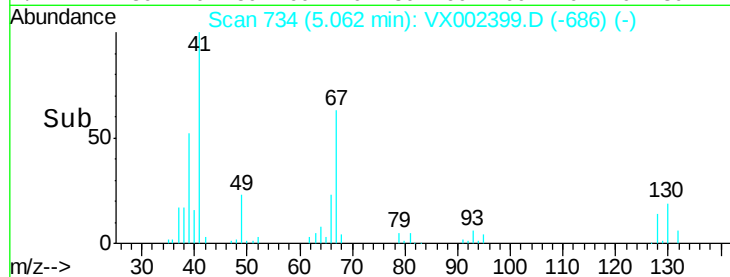
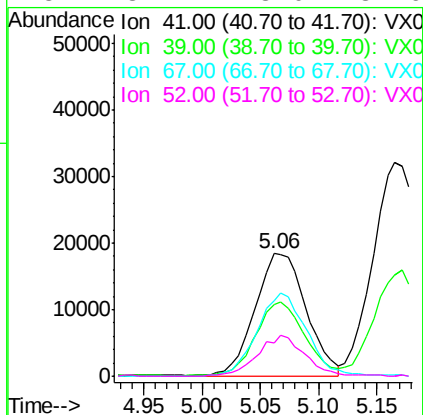
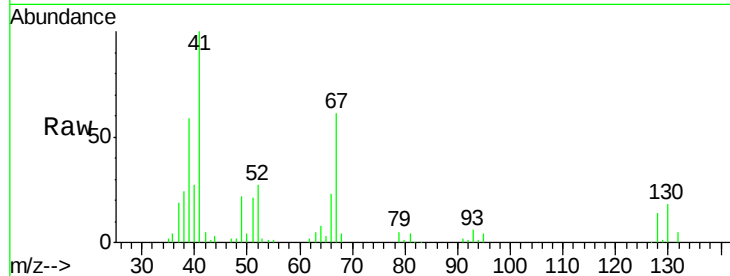
ClientSampleId :

VX0608WBS02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 58.0  | 45.8  | 68.6  |
| 67      | 66.5  | 51.3  | 76.9  |
| 52      | 31.1  | 23.0  | 34.6  |

Manual Integrations  
APPROVED

MMDadoda  
6/11/2018 9:30:27 AM



#42

1,2-Dichloroethane

Concen: 19.57 ug/l

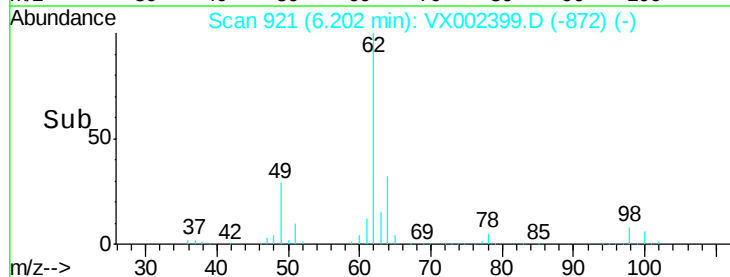
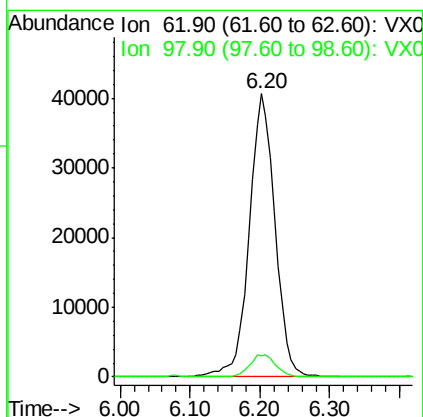
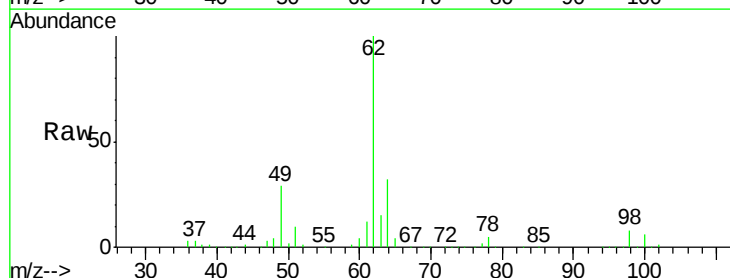
RT: 6.20 min Scan# 921

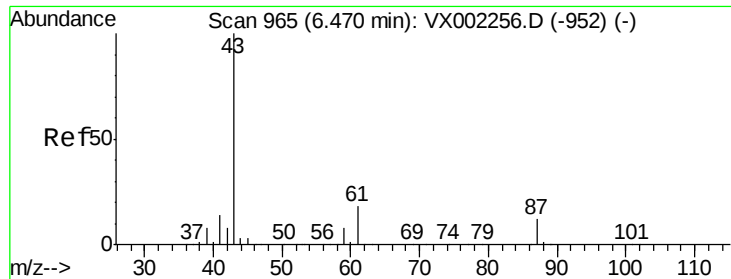
Delta R.T. -0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 8.1   | 0.0   | 16.6  |





#43

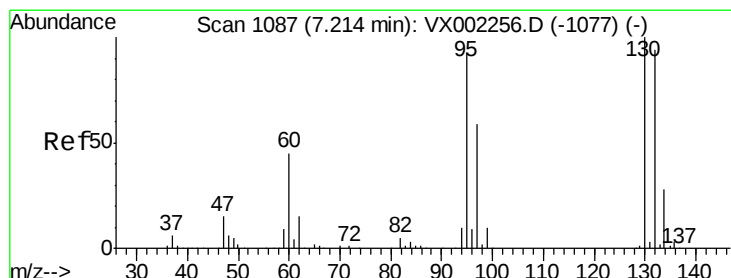
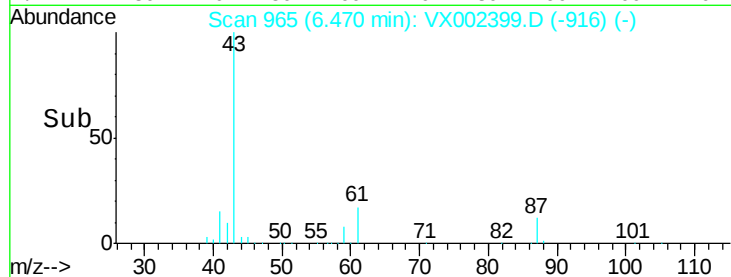
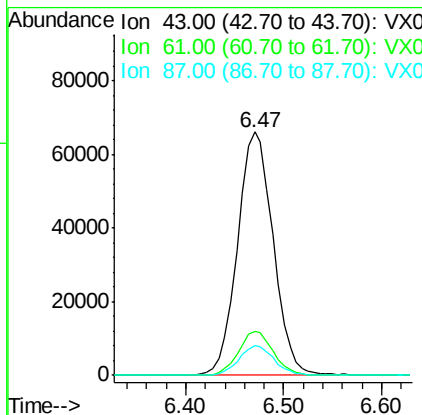
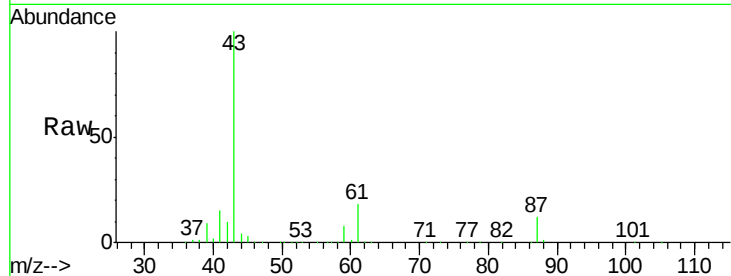
Isopropyl Acetate  
 Concen: 18.60 ug/l  
 RT: 6.47 min Scan# 965  
 Delta R.T. -0.00 min  
 Lab File: VX002399.D  
 Acq: 08 Jun 2018 13:55

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0608WBS02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 17.9  | 14.4  | 21.6  |
| 87      | 12.1  | 9.5   | 14.3  |

Manual Integrations  
 APPROVED

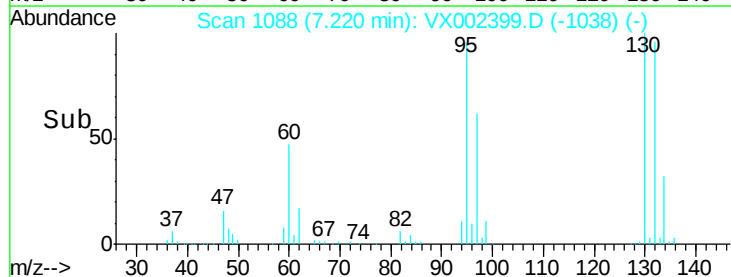
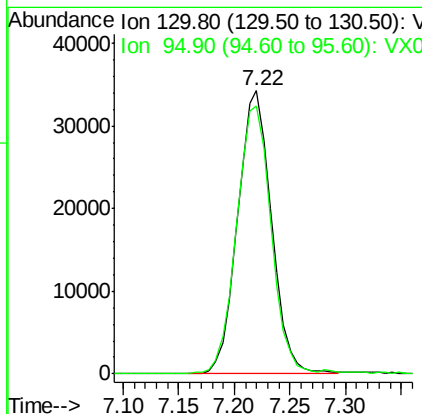
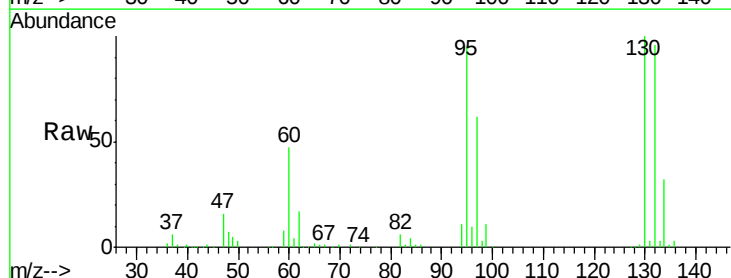
MMDadoda  
 6/11/2018 9:30:27 AM

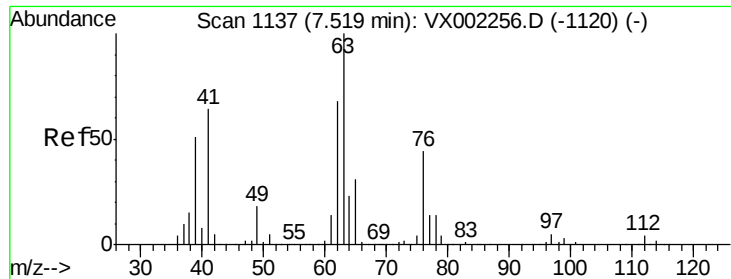


#44

Trichloroethene  
 Concen: 19.47 ug/l  
 RT: 7.22 min Scan# 1088  
 Delta R.T. 0.01 min  
 Lab File: VX002399.D  
 Acq: 08 Jun 2018 13:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 94.8  | 0.0   | 185.4 |





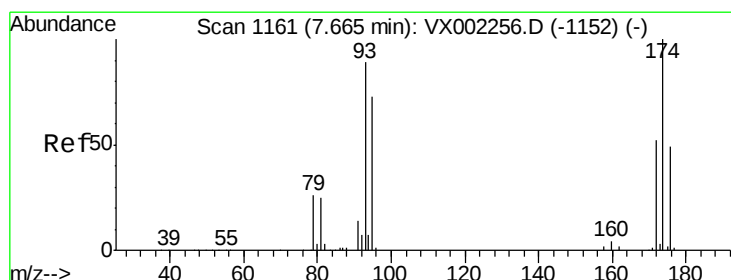
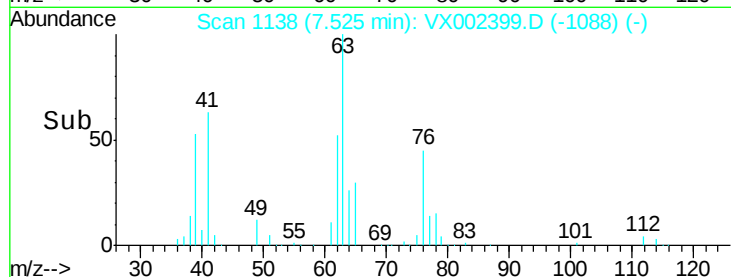
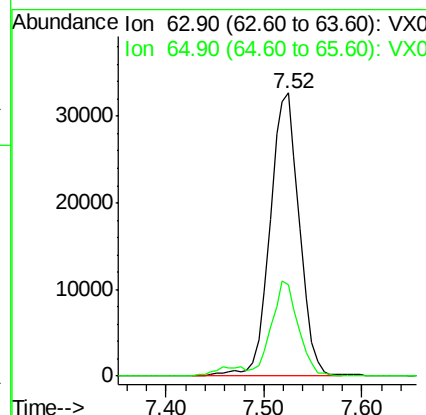
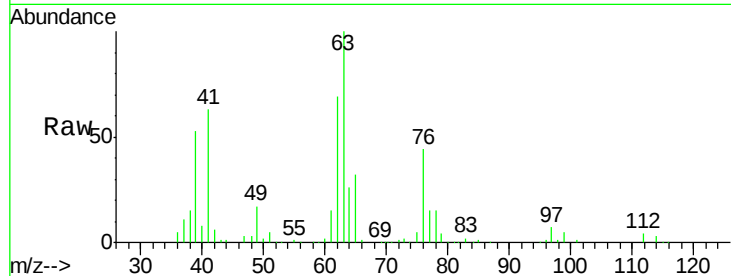
#45  
 1,2-Dichloropropane  
 Concen: 19.04 ug/l  
 RT: 7.52 min Scan# 1138  
 Delta R.T. 0.01 min  
 Lab File: VX002399.D  
 Acq: 08 Jun 2018 13:55

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0608WBS02

Tgt Ion: 63 Resp: 68676  
 Ion Ratio Lower Upper  
 63 100  
 65 32.1 24.7 37.1

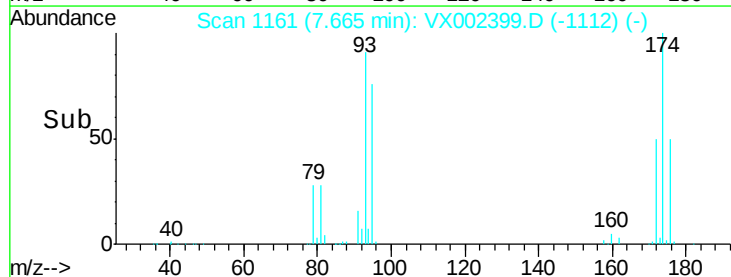
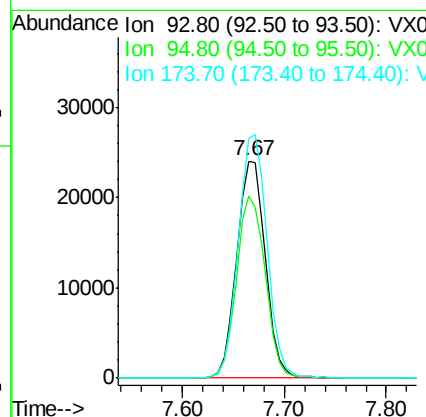
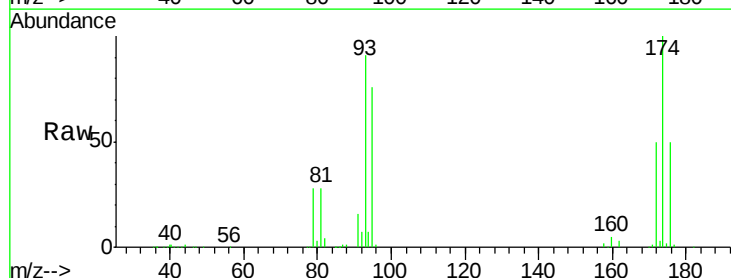
Manual Integrations  
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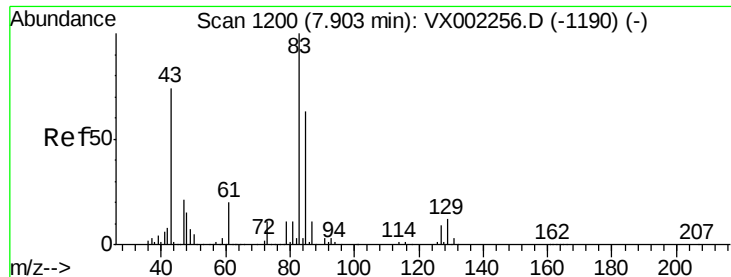
MMDadoda  
 6/11/2018 9:30:27 AM



#46  
 Dibromomethane  
 Concen: 19.04 ug/l  
 RT: 7.67 min Scan# 1161  
 Delta R.T. -0.00 min  
 Lab File: VX002399.D  
 Acq: 08 Jun 2018 13:55

Tgt Ion: 93 Resp: 46553  
 Ion Ratio Lower Upper  
 93 100  
 95 84.4 65.9 98.9  
 174 113.0 92.4 138.6





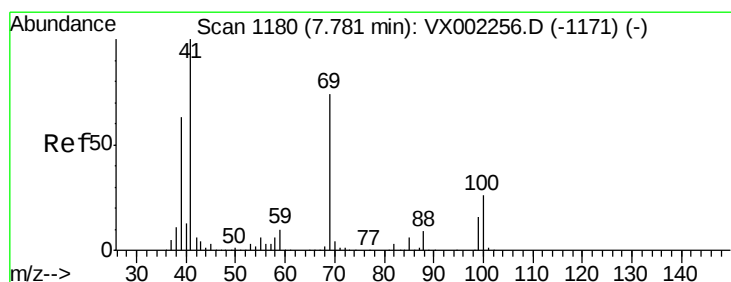
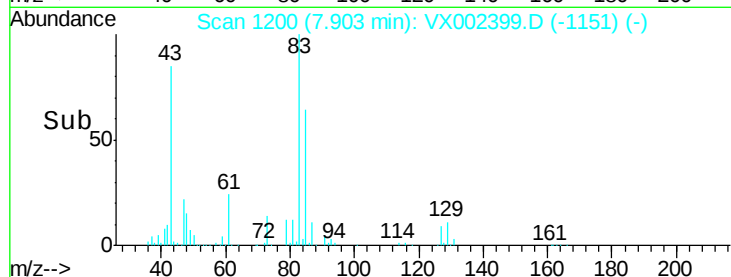
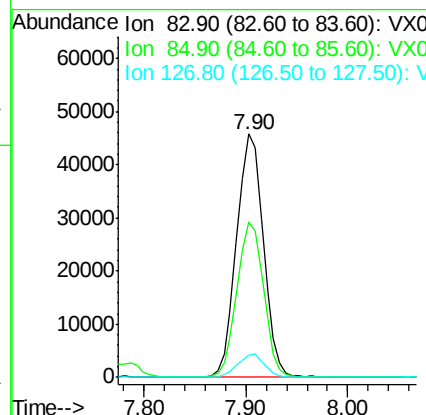
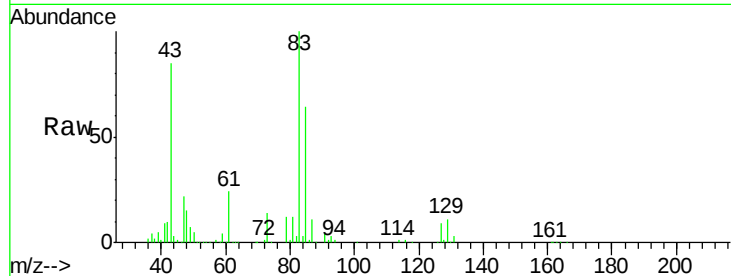
#47  
Bromodichloromethane  
Concen: 18.84 ug/l  
RT: 7.90 min Scan# 1200  
Delta R.T. -0.00 min  
Lab File: VX002399.D  
Acq: 08 Jun 2018 13:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0608WBS02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 63.7  | 50.3  | 75.5  |
| 127     | 9.0   | 7.0   | 10.4  |

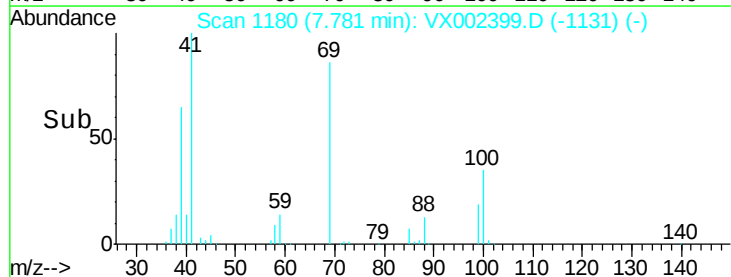
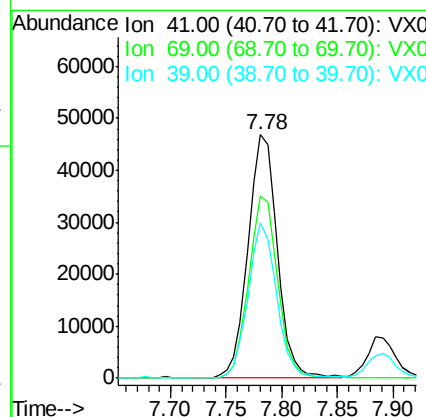
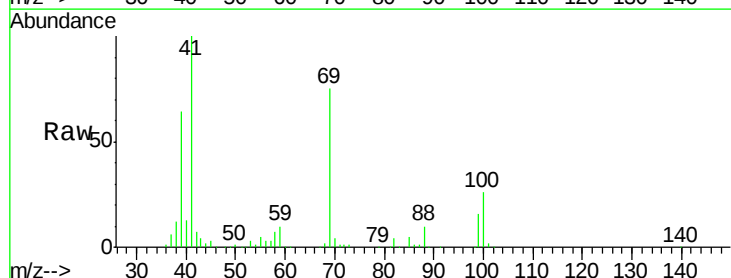
Manual Integrations  
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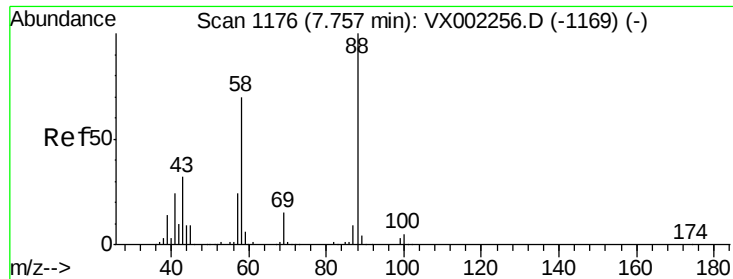
MMDadoda  
6/11/2018 9:30:27 AM



#48  
Methyl methacrylate  
Concen: 19.08 ug/l  
RT: 7.78 min Scan# 1180  
Delta R.T. -0.00 min  
Lab File: VX002399.D  
Acq: 08 Jun 2018 13:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 69      | 75.1  | 59.1  | 88.7  |
| 39      | 61.6  | 48.9  | 73.3  |





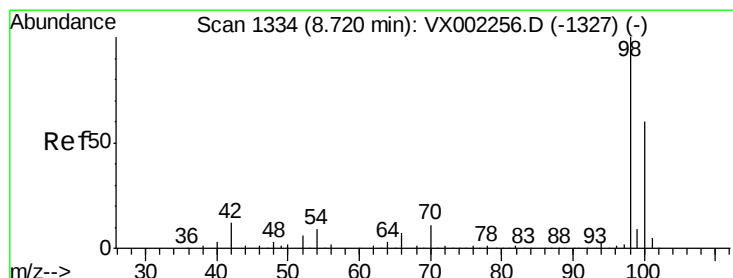
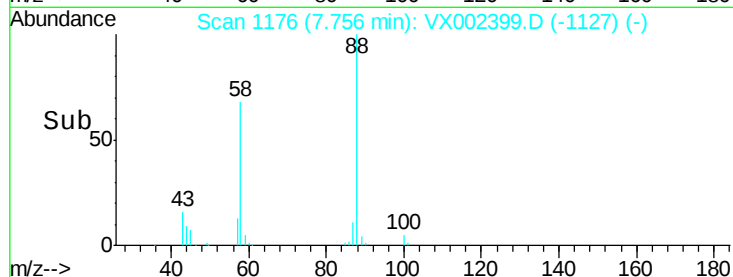
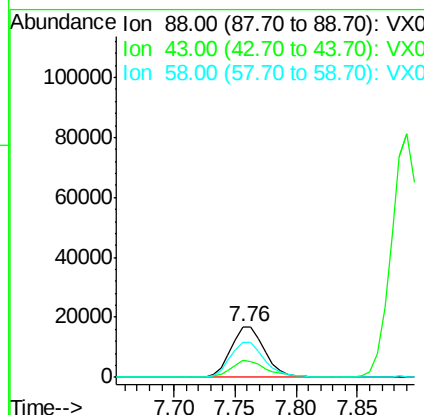
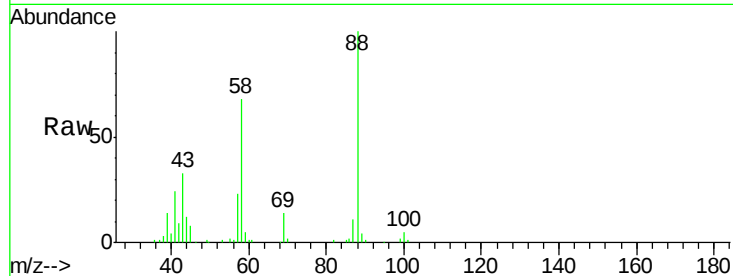
#49  
1,4-Dioxane  
Concen: 389.02 ug/l  
RT: 7.76 min Scan# 1176  
Delta R.T. -0.00 min  
Lab File: VX002399.D  
Acq: 08 Jun 2018 13:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0608WBS02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 36.5  | 29.8  | 44.6  |
| 58      | 71.4  | 57.1  | 85.7  |

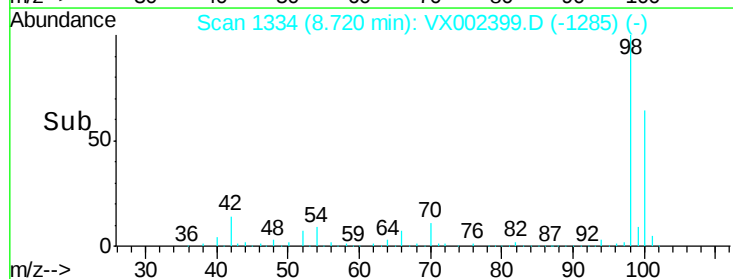
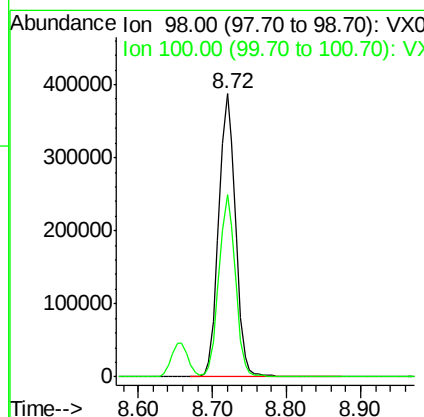
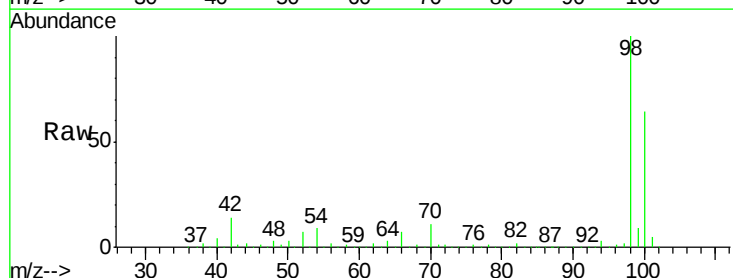
Manual Integrations  
APPROVED

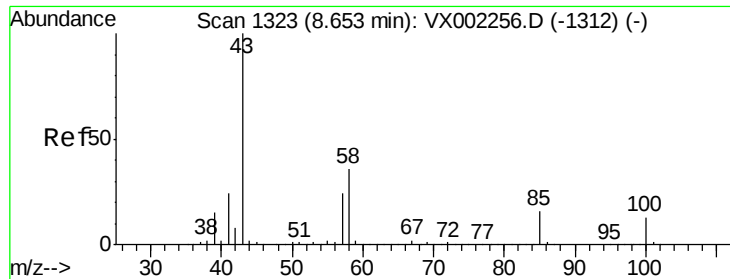
MMDadoda  
6/11/2018 9:30:27 AM



#50  
Toluene-d8  
Concen: 48.13 ug/l  
RT: 8.72 min Scan# 1334  
Delta R.T. -0.00 min  
Lab File: VX002399.D  
Acq: 08 Jun 2018 13:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 63.7  | 50.9  | 76.3  |





#51

4-Methyl-2-Pentanone

Concen: 97.93 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

Instrument :

MSVOA\_X

ClientSampleId :

VX0608WBS02

Tgt Ion: 43 Resp: 542768

Ion Ratio Lower Upper

43 100

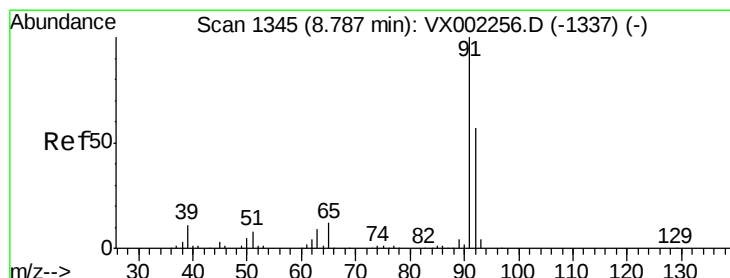
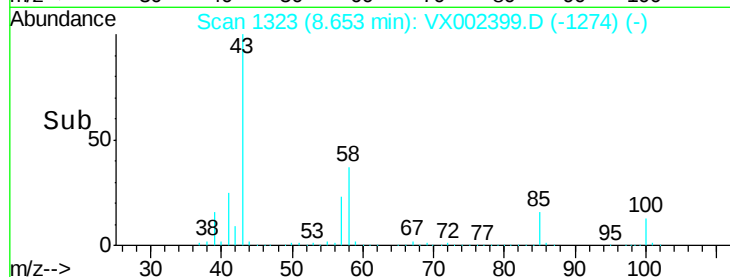
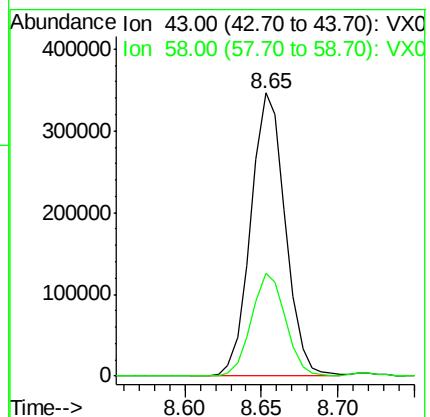
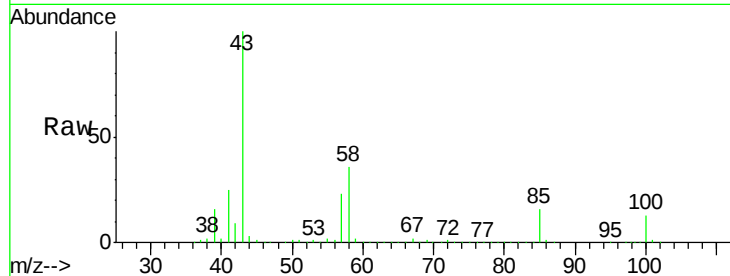
58 36.0 28.6 42.8

Manual Integrations

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MMDadoda

6/11/2018 9:30:27 AM



#52

Toluene

Concen: 20.27 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002399.D

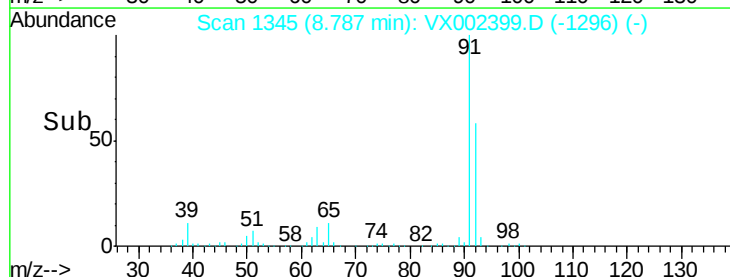
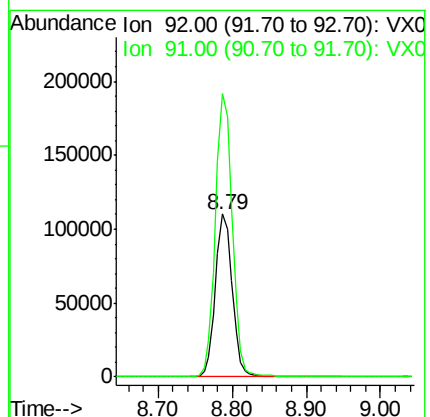
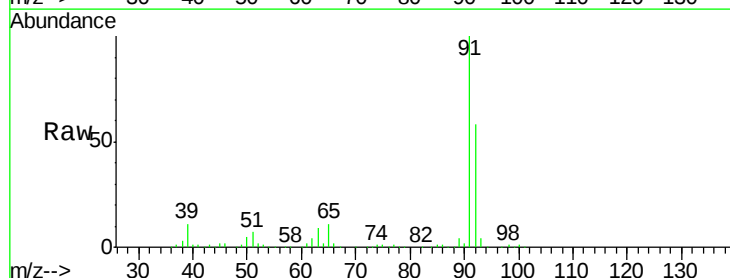
Acq: 08 Jun 2018 13:55

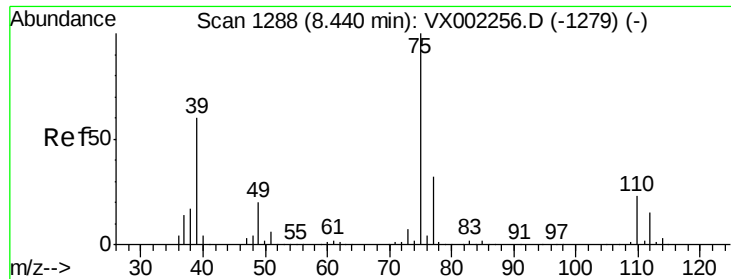
Tgt Ion: 92 Resp: 172233

Ion Ratio Lower Upper

92 100

91 173.4 140.4 210.6





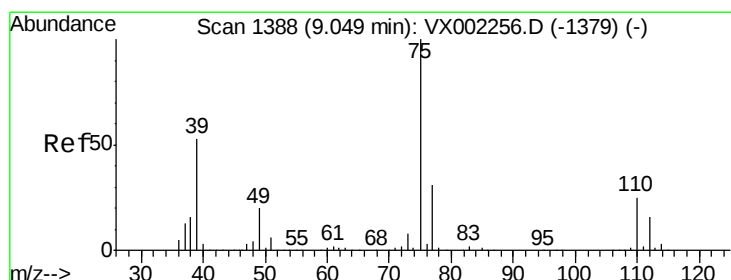
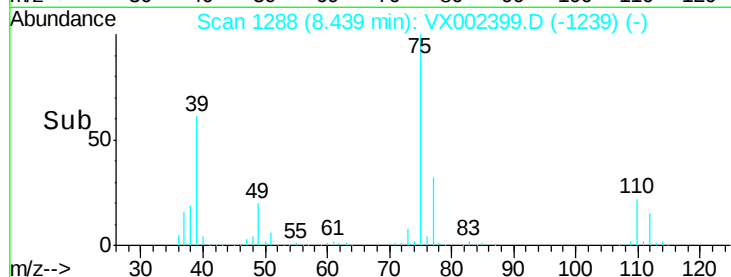
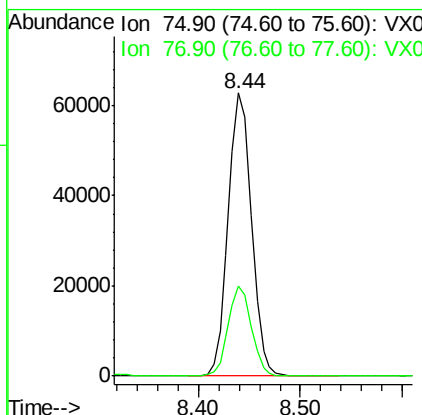
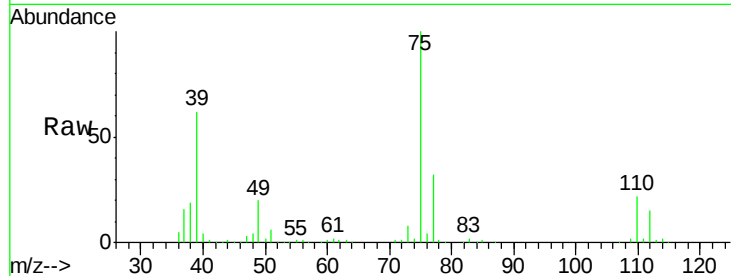
#53  
t-1,3-Dichloropropene  
Concen: 18.76 ug/l  
RT: 8.44 min Scan# 1288  
Delta R.T. -0.00 min  
Lab File: VX002399.D  
Acq: 08 Jun 2018 13:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0608WBS02

Tgt Ion: 75 Resp: 99483  
Ion Ratio Lower Upper  
75 100  
77 31.9 25.4 38.2

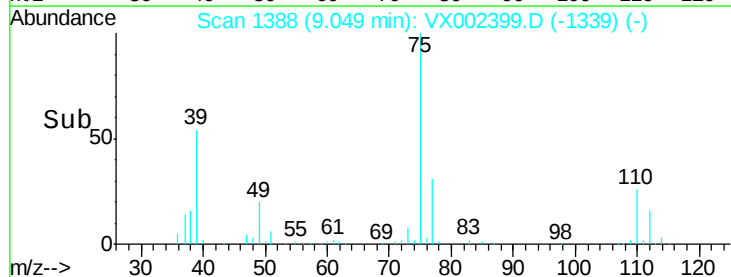
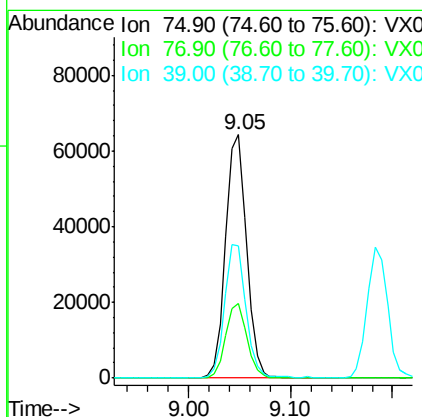
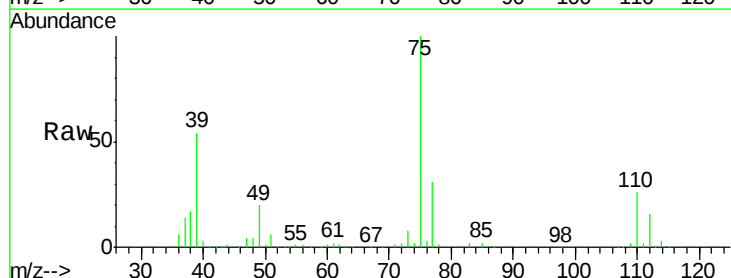
Manual Integrations  
APPROVED

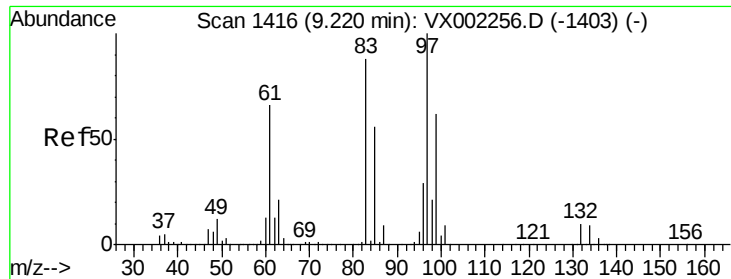
MMDadoda  
6/11/2018 9:30:27 AM



#54  
cis-1,3-Dichloropropene  
Concen: 18.28 ug/l  
RT: 9.05 min Scan# 1388  
Delta R.T. -0.00 min  
Lab File: VX002399.D  
Acq: 08 Jun 2018 13:55

Tgt Ion: 75 Resp: 91473  
Ion Ratio Lower Upper  
75 100  
77 30.8 24.8 37.2  
39 54.0 42.4 63.6





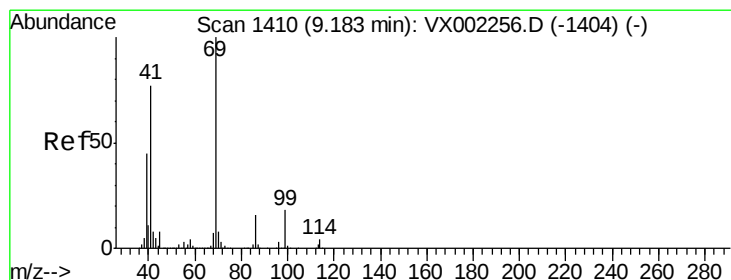
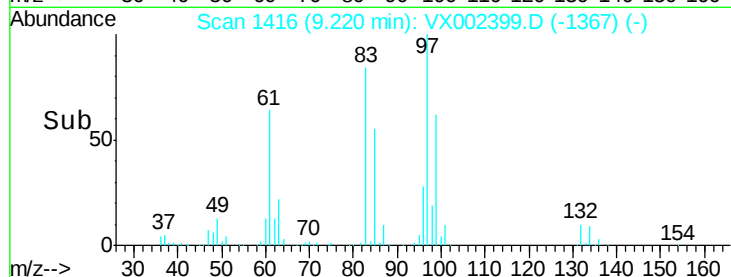
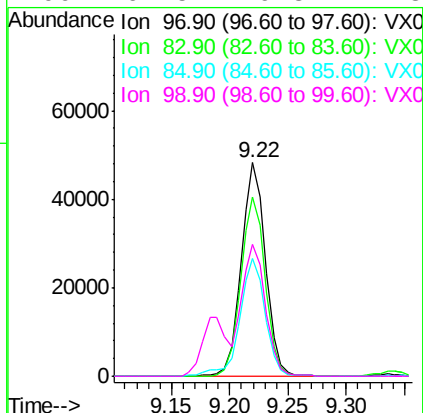
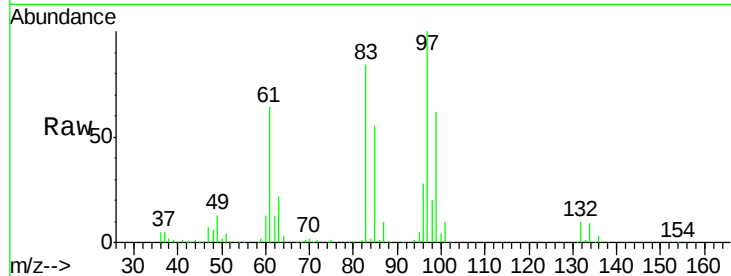
#55  
 1,1,2-Trichloroethane  
 Concen: 20.05 ug/l  
 RT: 9.22 min Scan# 1416  
 Delta R.T. -0.00 min  
 Lab File: VX002399.D  
 Acq: 08 Jun 2018 13:55

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0608WBS02

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 97      | 100  |       |       |       |
| 83      | 83.9 | 70.2  | 105.2 |       |
| 85      | 55.0 | 44.9  | 67.3  |       |
| 99      | 61.5 | 49.8  | 74.8  |       |

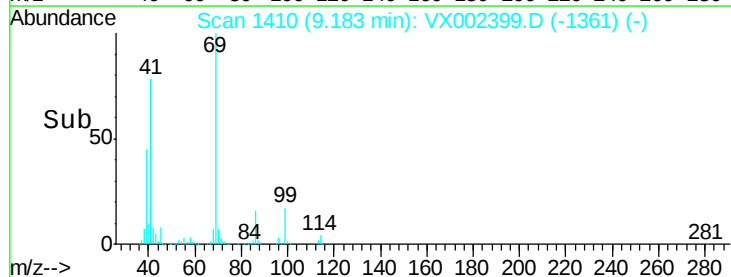
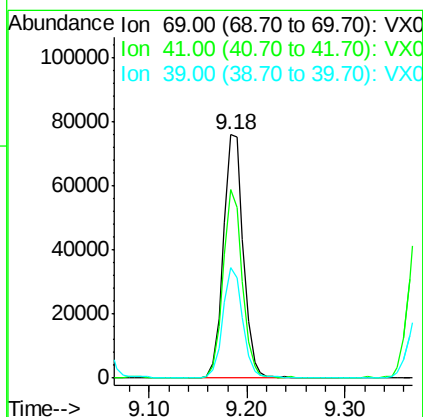
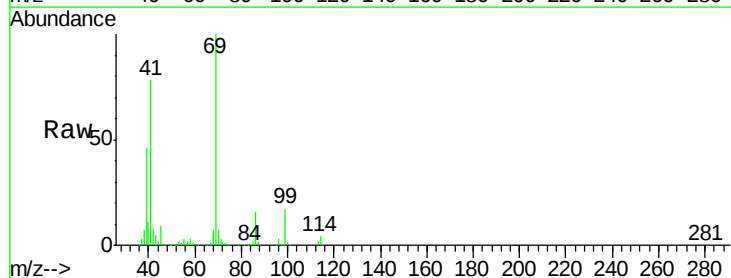
Manual Integrations  
 APPROVED

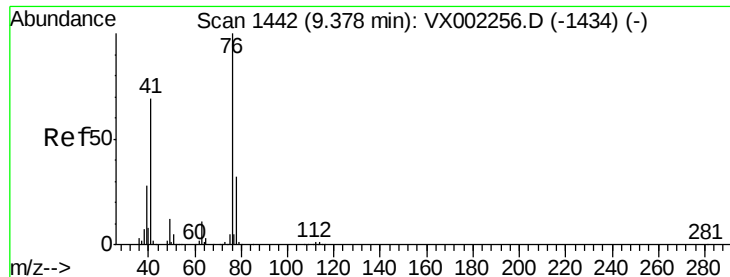
MMDadoda  
 6/11/2018 9:30:27 AM



#56  
 Ethyl methacrylate  
 Concen: 19.26 ug/l  
 RT: 9.18 min Scan# 1410  
 Delta R.T. -0.00 min  
 Lab File: VX002399.D  
 Acq: 08 Jun 2018 13:55

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 69      | 100  |       |       |       |
| 41      | 74.1 | 60.3  | 90.5  |       |
| 39      | 44.8 | 35.8  | 53.8  |       |





#57

1,3-Dichloropropane

Concen: 19.36 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

Instrument :

MSVOA\_X

ClientSampleId :

VX0608WBS02

Tgt Ion: 76 Resp: 113480

Ion Ratio Lower Upper

76 100

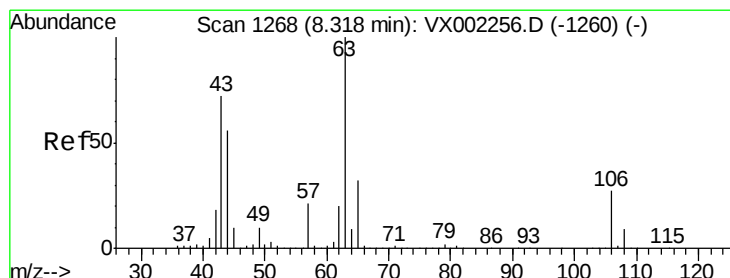
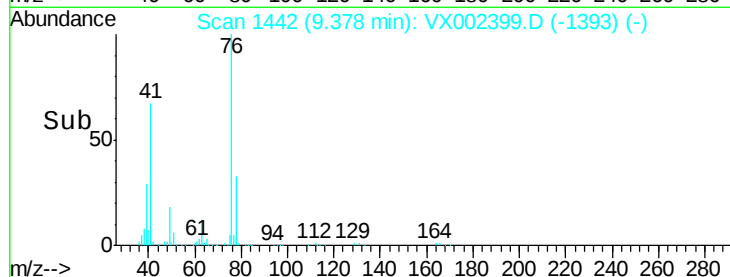
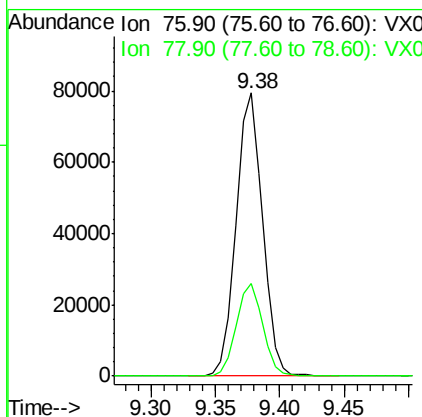
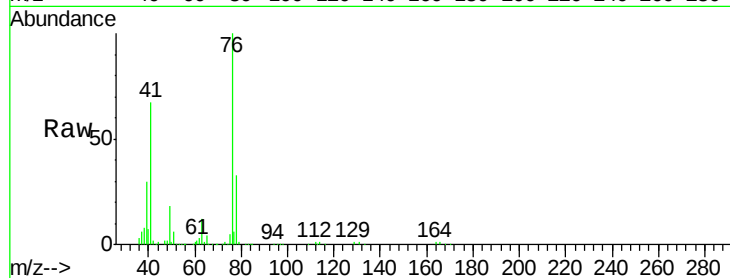
78 32.8 25.8 38.6

Manual Integrations

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6/11/2018 9:30:27 AM



#58

2-Chloroethyl Vinyl ether

Concen: 109.33 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002399.D

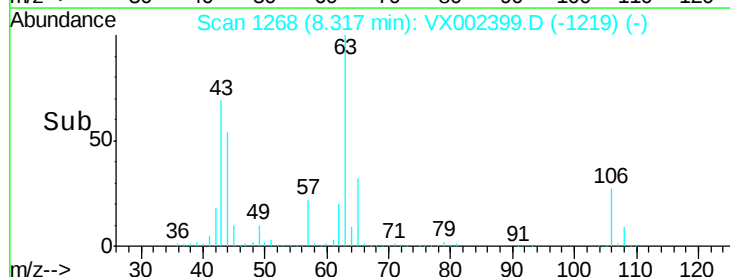
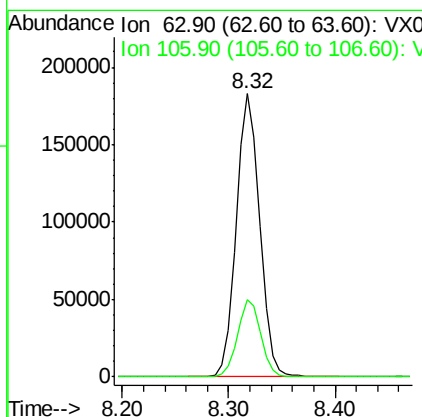
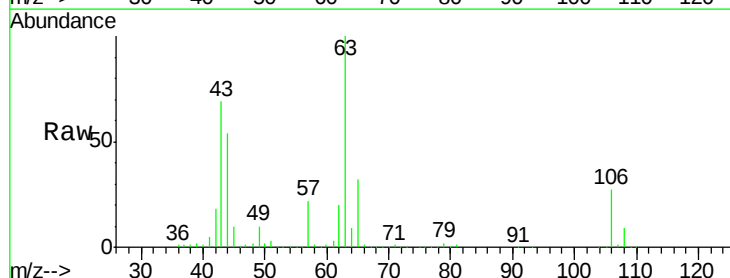
Acq: 08 Jun 2018 13:55

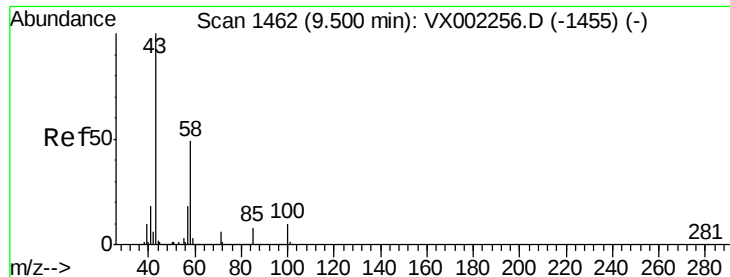
Tgt Ion: 63 Resp: 282330

Ion Ratio Lower Upper

63 100

106 27.4 21.8 32.8





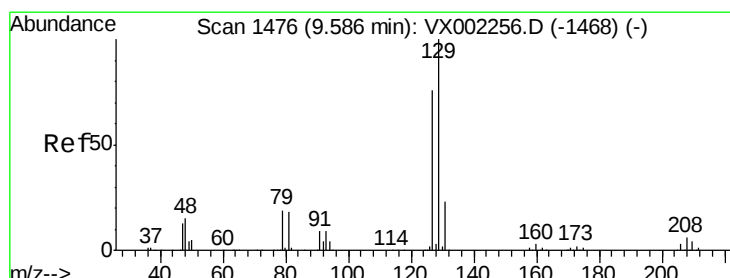
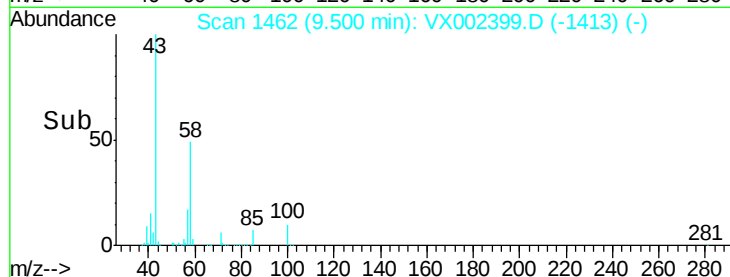
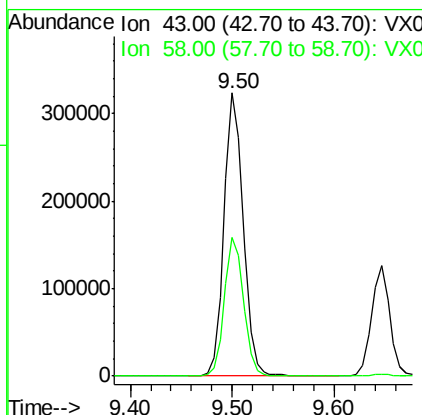
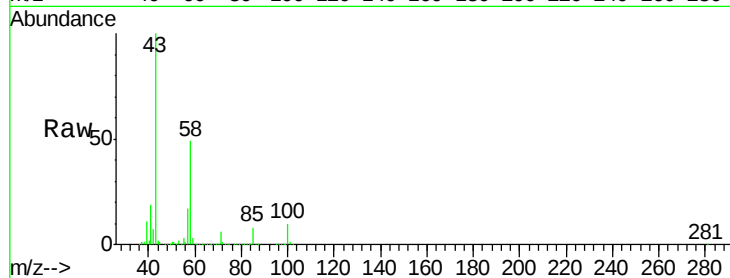
#59  
2-Hexanone  
Concen: 99.47 ug/l  
RT: 9.50 min Scan# 1462  
Delta R.T. -0.00 min  
Lab File: VX002399.D  
Acq: 08 Jun 2018 13:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0608WBS02

Tgt Ion: 43 Resp: 425851  
Ion Ratio Lower Upper  
43 100  
58 48.9 24.6 73.6

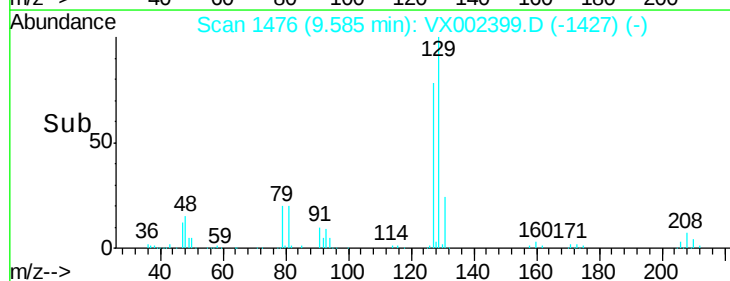
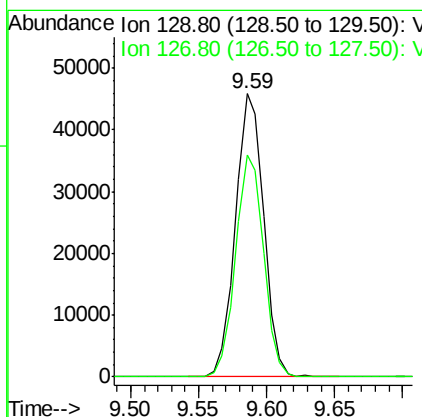
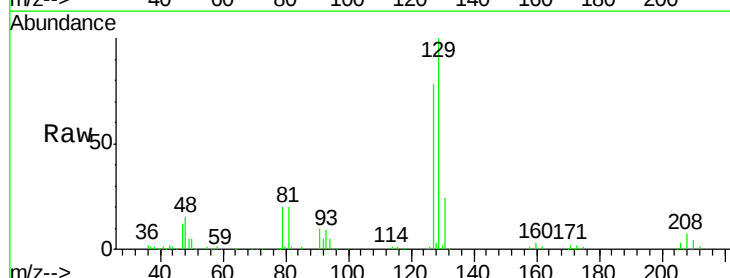
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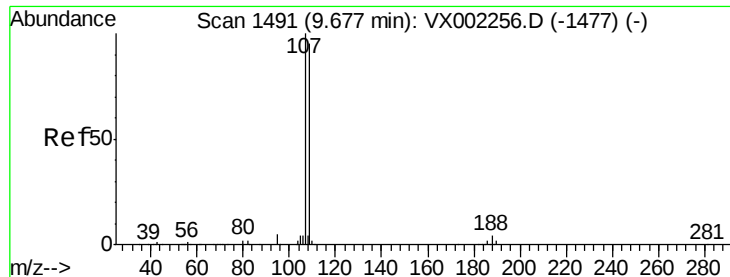
MMDadoda  
6/11/2018 9:30:27 AM



#60  
Dibromochloromethane  
Concen: 18.85 ug/l  
RT: 9.59 min Scan# 1476  
Delta R.T. -0.00 min  
Lab File: VX002399.D  
Acq: 08 Jun 2018 13:55

Tgt Ion: 129 Resp: 66263  
Ion Ratio Lower Upper  
129 100  
127 77.7 38.5 115.3





#61

1,2-Dibromoethane

Concen: 19.79 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

Instrument :

MSVOA\_X

ClientSampleId :

VX0608WBS02

Tgt Ion: 107 Resp: 72102

Ion Ratio Lower Upper

107 100

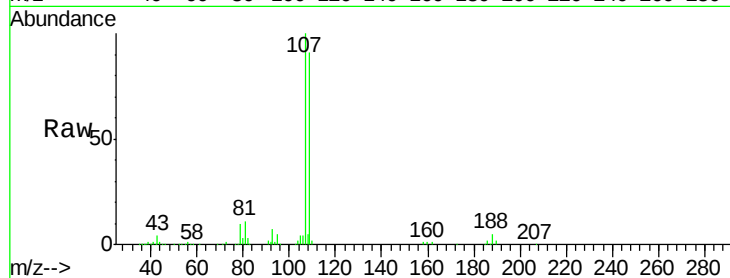
109 93.4 75.3 112.9

Manual Integrations

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

60000

50000

40000

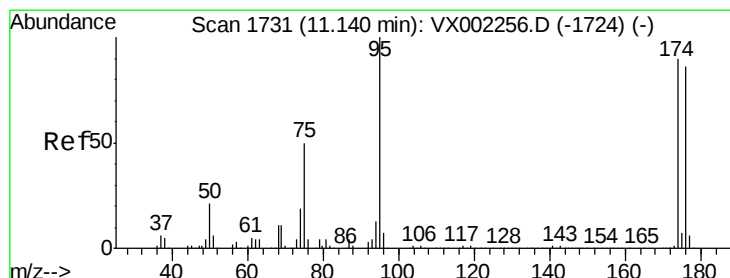
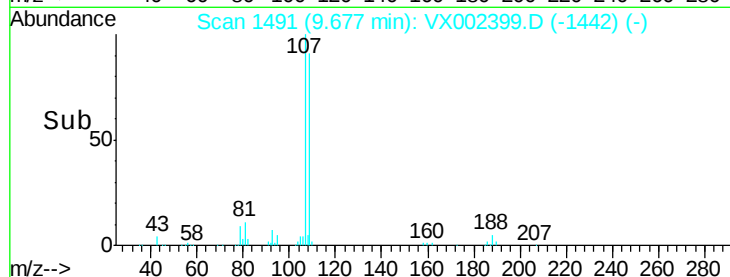
30000

20000

10000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.83 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

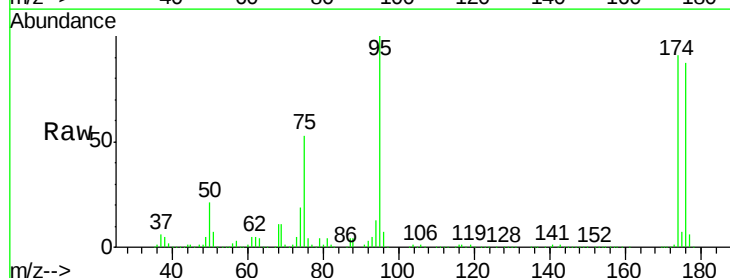
Tgt Ion: 95 Resp: 225618

Ion Ratio Lower Upper

95 100

174 95.1 0.0 187.4

176 91.7 0.0 181.0



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

250000

200000

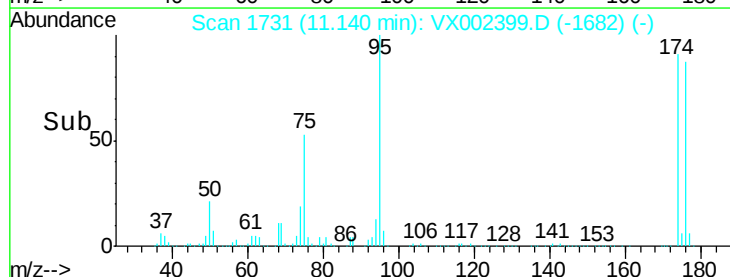
150000

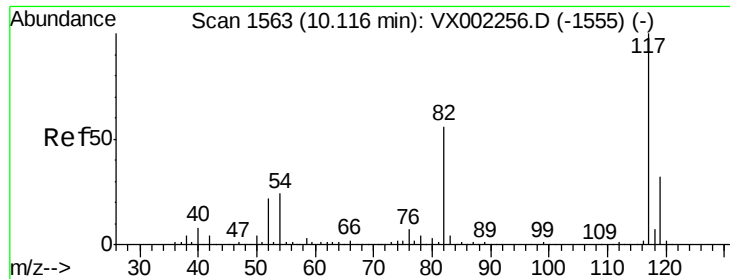
100000

50000

0

Time-->





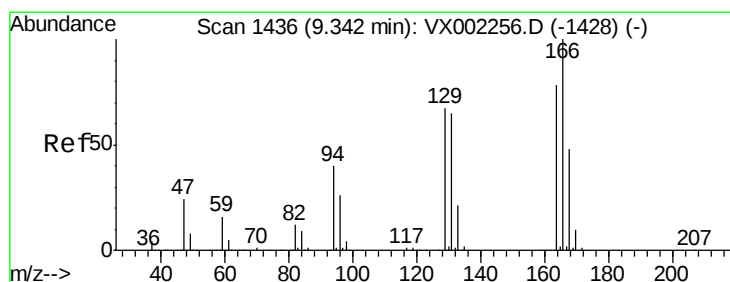
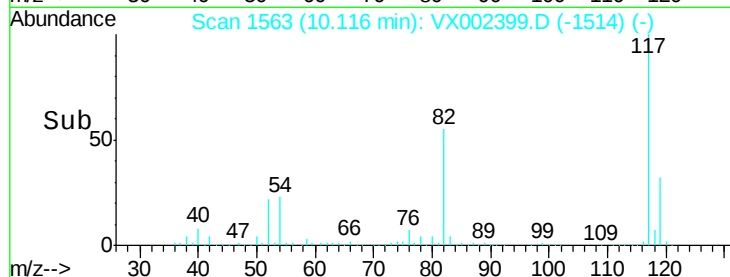
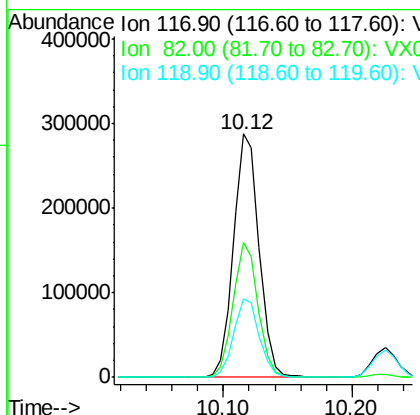
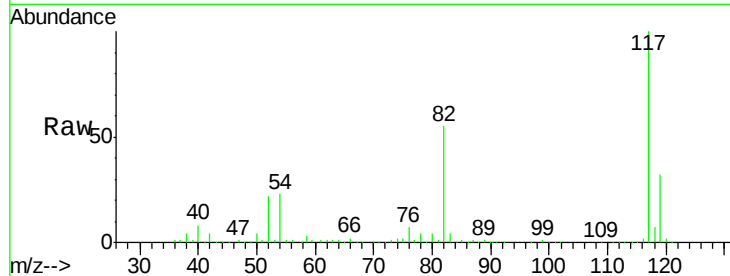
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.12 min Scan# 1563  
Delta R.T. -0.00 min  
Lab File: VX002399.D  
Acq: 08 Jun 2018 13:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0608WBS02

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 397363 |       |       |
| 82      | 55.5  | 45.0   | 67.4  |       |
| 119     | 32.2  | 25.8   | 38.6  |       |

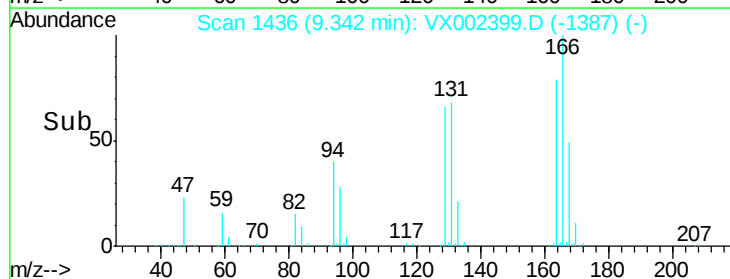
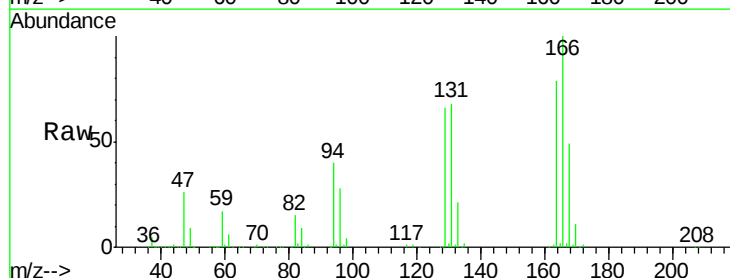
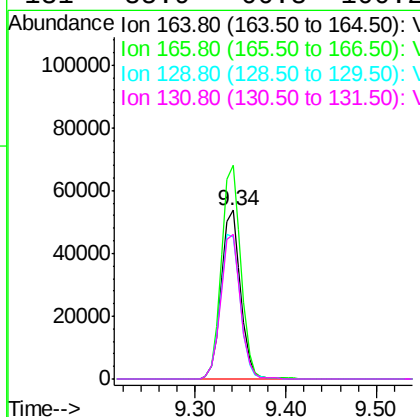
Manual Integrations  
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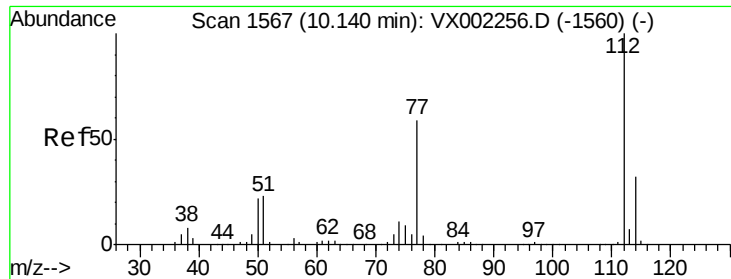
MMDadoda  
6/11/2018 9:30:27 AM



#64  
Tetrachloroethene  
Concen: 19.54 ug/l  
RT: 9.34 min Scan# 1436  
Delta R.T. -0.00 min  
Lab File: VX002399.D  
Acq: 08 Jun 2018 13:55

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 164     | 100   | 80059 |       |       |
| 166     | 126.7 | 102.9 | 154.3 |       |
| 129     | 84.1  | 68.6  | 102.8 |       |
| 131     | 85.9  | 66.8  | 100.2 |       |





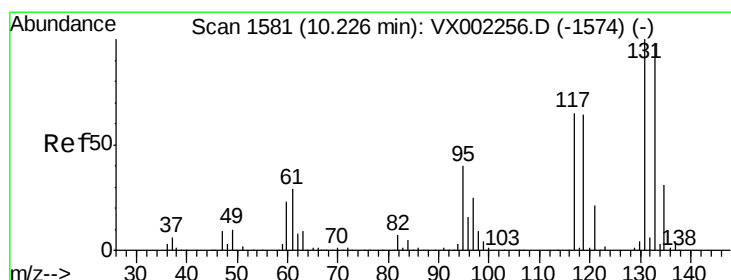
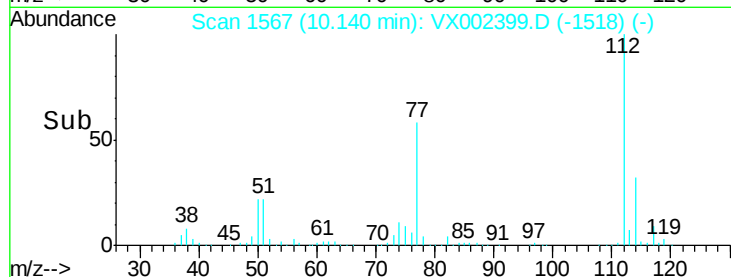
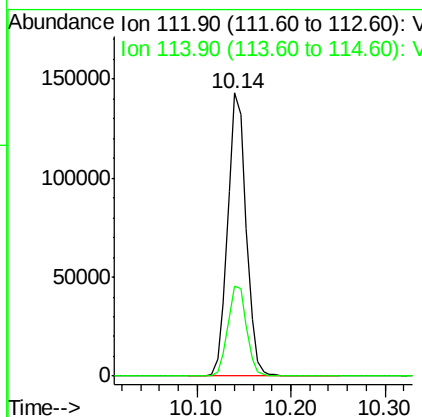
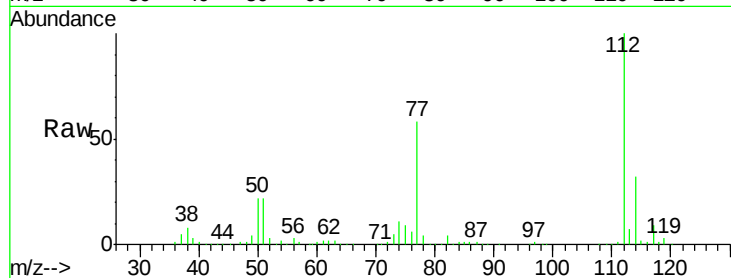
#65  
Chlorobenzene  
Concen: 19.68 ug/l  
RT: 10.14 min Scan# 1567  
Delta R.T. -0.00 min  
Lab File: VX002399.D  
Acq: 08 Jun 2018 13:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0608WBS02

Tgt Ion:112 Resp: 194558  
Ion Ratio Lower Upper  
112 100  
114 31.7 25.3 37.9

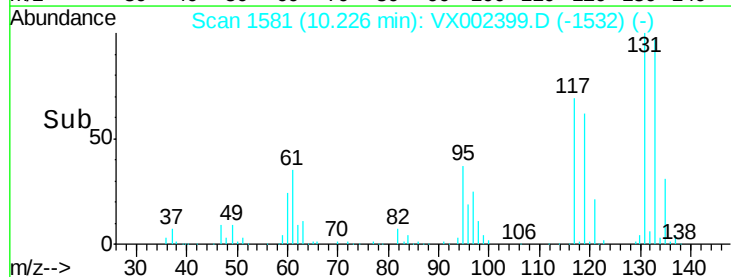
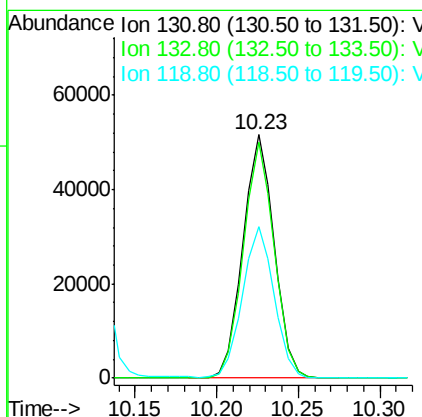
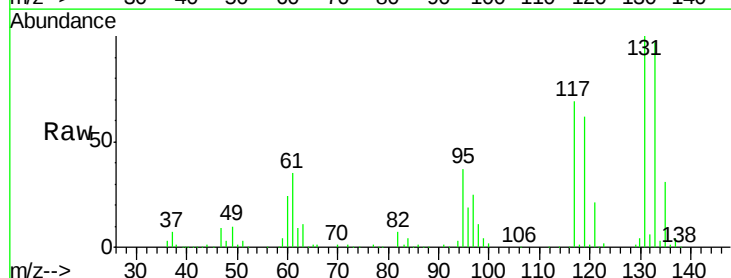
Manual Integrations  
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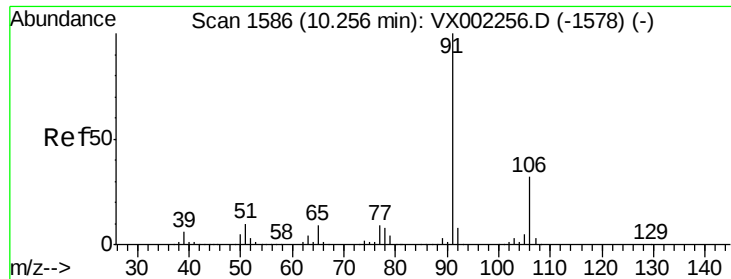
MMDadoda  
6/11/2018 9:30:27 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.29 ug/l  
RT: 10.23 min Scan# 1581  
Delta R.T. -0.00 min  
Lab File: VX002399.D  
Acq: 08 Jun 2018 13:55

Tgt Ion:131 Resp: 69077  
Ion Ratio Lower Upper  
131 100  
133 95.7 47.9 143.6  
119 62.9 31.8 95.3





#67

Ethyl Benzene

Concen: 20.41 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

Instrument :

MSVOA\_X

ClientSampled :

VX0608WBS02

Tgt Ion: 91 Resp: 337684

Ion Ratio Lower Upper

91 100

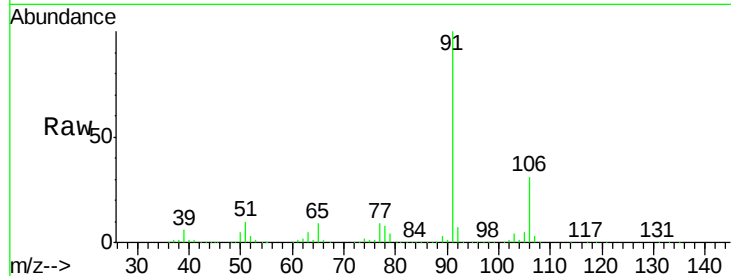
106 31.2 25.5 38.3

Manual Integrations

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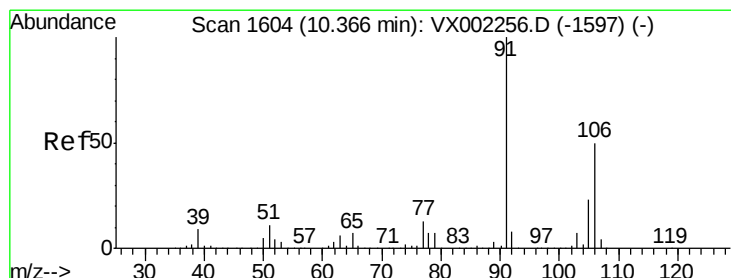
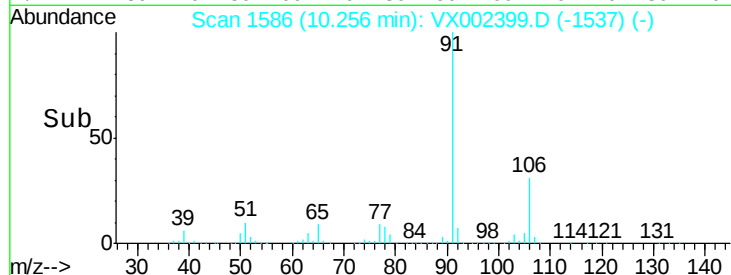
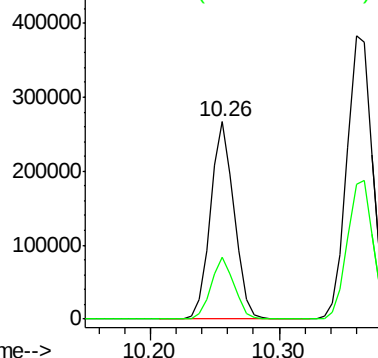
MMDadoda

6/11/2018 9:30:27 AM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 39.98 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX002399.D

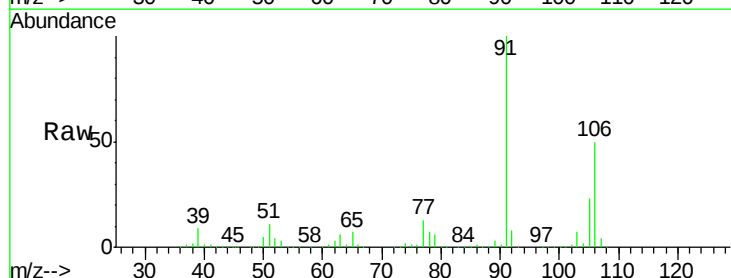
Acq: 08 Jun 2018 13:55

Tgt Ion: 106 Resp: 257131

Ion Ratio Lower Upper

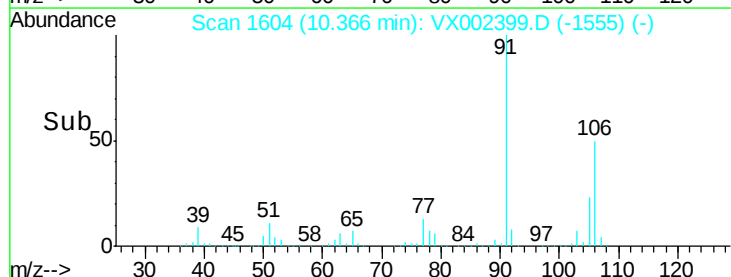
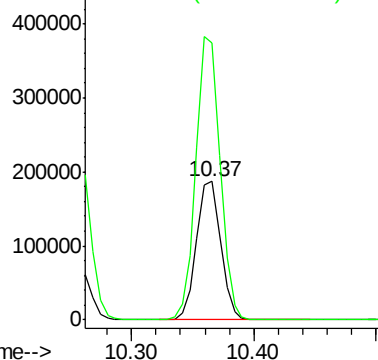
106 100

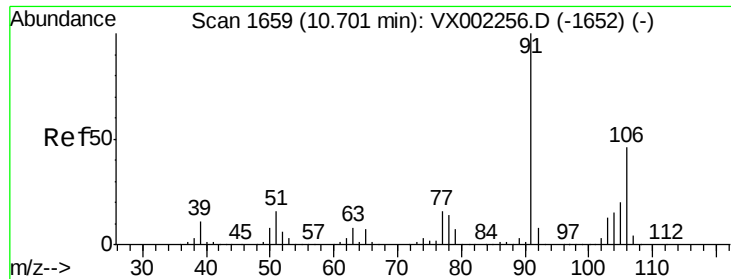
91 204.4 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





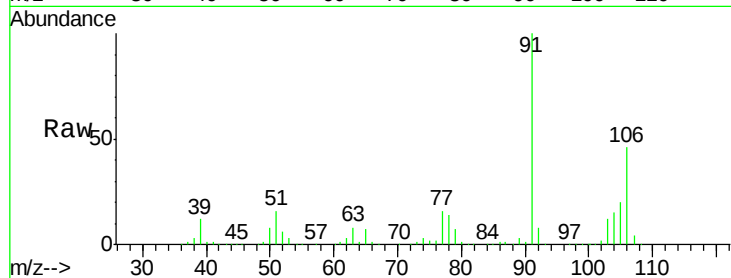
#69  
o-Xylene  
Concen: 20.04 ug/l  
RT: 10.70 min Scan# 1659  
Delta R.T. -0.00 min  
Lab File: VX002399.D  
Acq: 08 Jun 2018 13:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0608WBS02

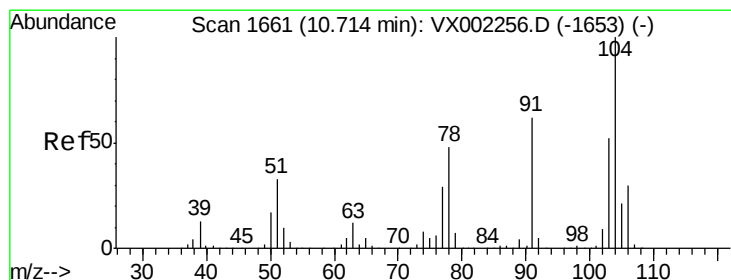
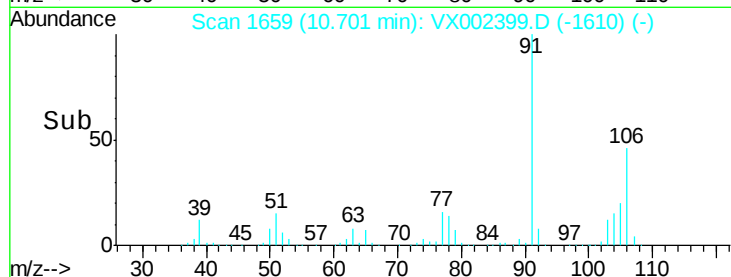
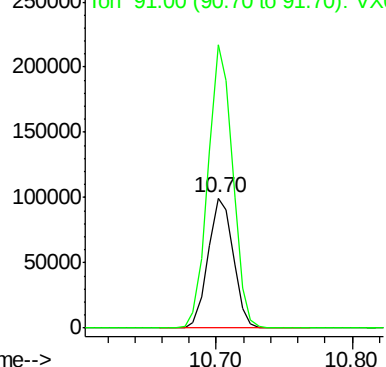
Tgt Ion:106 Resp: 128273  
Ion Ratio Lower Upper  
106 100  
91 213.8 108.2 324.6

Manual Integrations  
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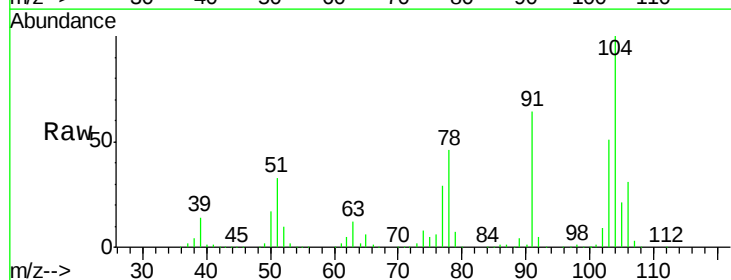


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VX0

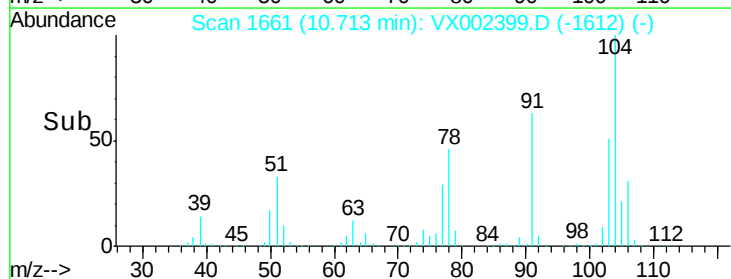
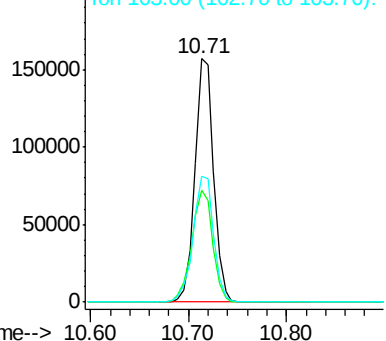


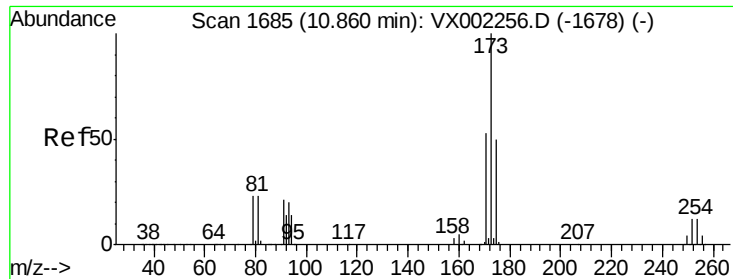
#70  
Styrene  
Concen: 19.89 ug/l  
RT: 10.71 min Scan# 1661  
Delta R.T. -0.00 min  
Lab File: VX002399.D  
Acq: 08 Jun 2018 13:55

Tgt Ion:104 Resp: 208163  
Ion Ratio Lower Upper  
104 100  
78 51.4 41.0 61.6  
103 56.7 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V  
Ion 78.00 (77.70 to 78.70): VX0  
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 17.72 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

Instrument :

MSVOA\_X

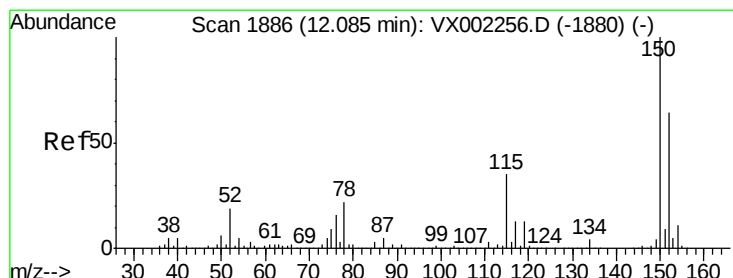
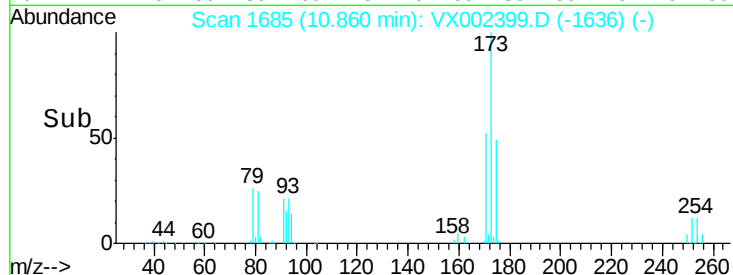
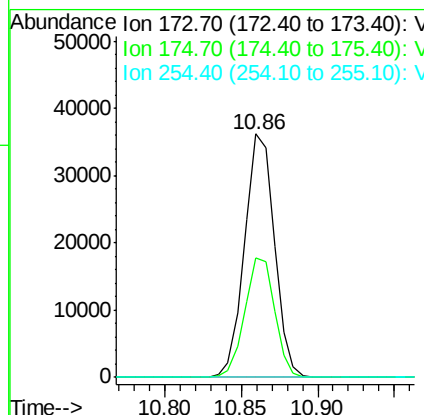
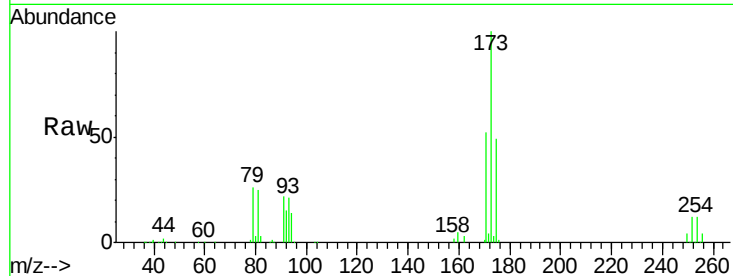
ClientSampleId :

VX0608WBS02

Tgt Ion:173 Resp: 49134  
 Ion Ratio Lower Upper  
 173 100  
 175 49.3 24.7 74.1  
 254 0.1 0.2 0.2#

Manual Integrations  
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 6/11/2018 9:30:27 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

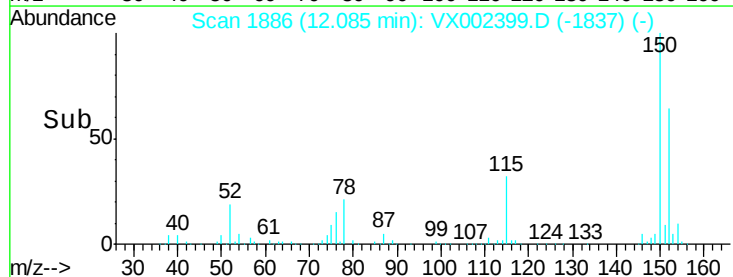
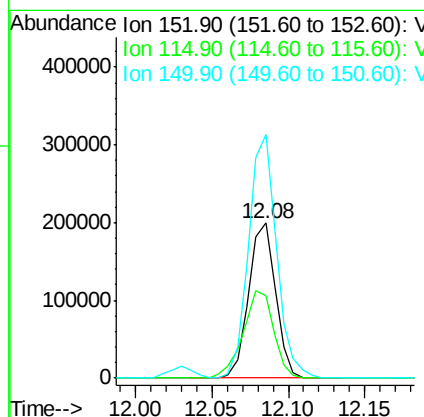
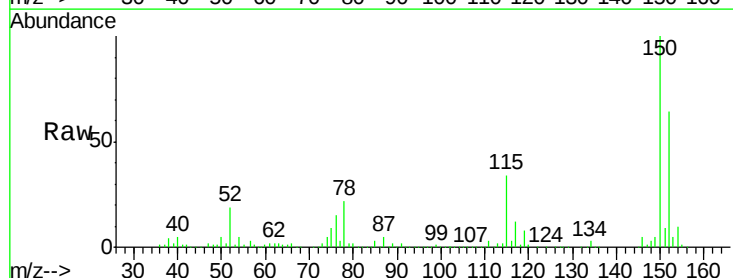
RT: 12.08 min Scan# 1886

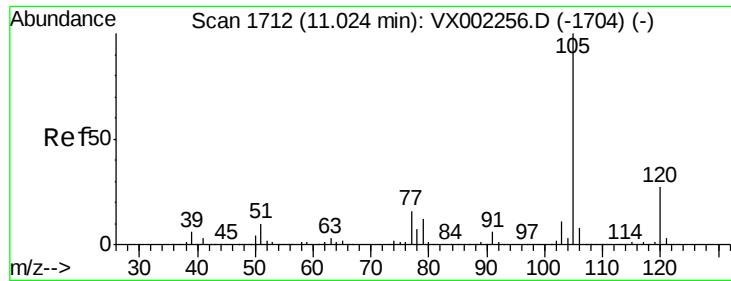
Delta R.T. -0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

Tgt Ion:152 Resp: 243589  
 Ion Ratio Lower Upper  
 152 100  
 115 64.1 40.1 120.2  
 150 163.4 0.0 347.2





#73

Isopropylbenzene

Concen: 20.56 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

Instrument :

MSVOA\_X

ClientSampleId :

VX0608WBS02

Tgt Ion: 105 Resp: 348342

Ion Ratio Lower Upper

105 100

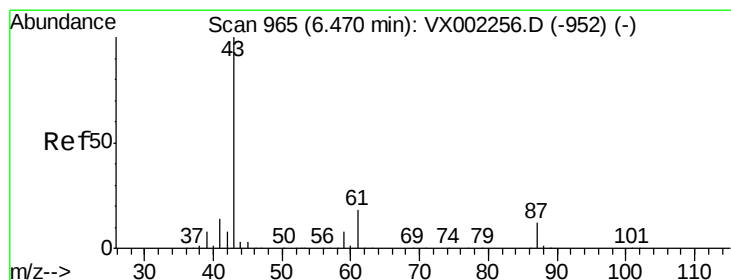
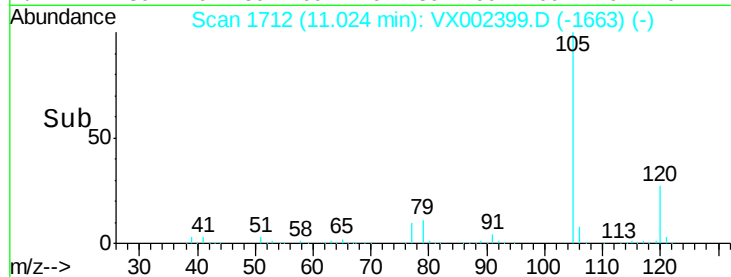
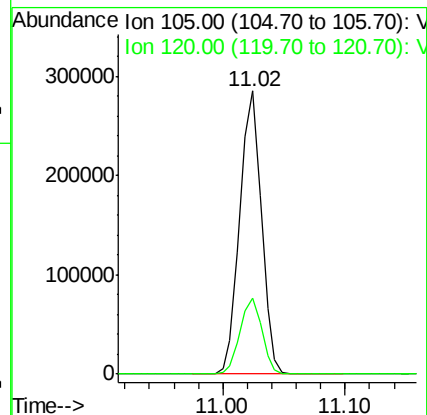
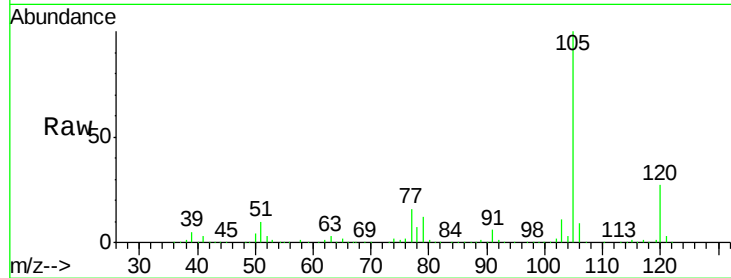
120 27.1 13.5 40.4

Manual Integrations

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MMDadoda

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#74

N-ethyl acetate

Concen: 18.13 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

Tgt Ion: 43 Resp: 165569

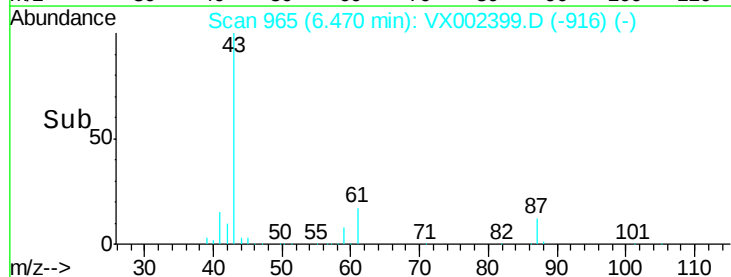
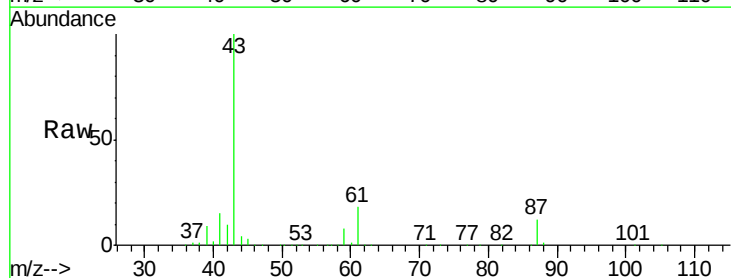
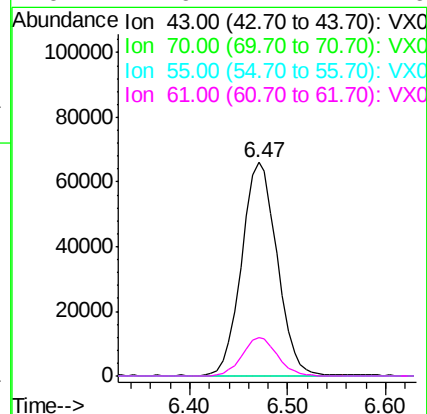
Ion Ratio Lower Upper

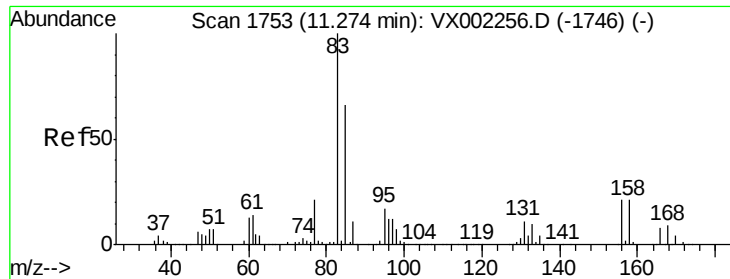
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 17.9 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.45 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

Instrument :

MSVOA\_X

ClientSampled :

VX0608WBS02

Tgt Ion: 83 Resp: 103637  
Ion Ratio Lower Upper

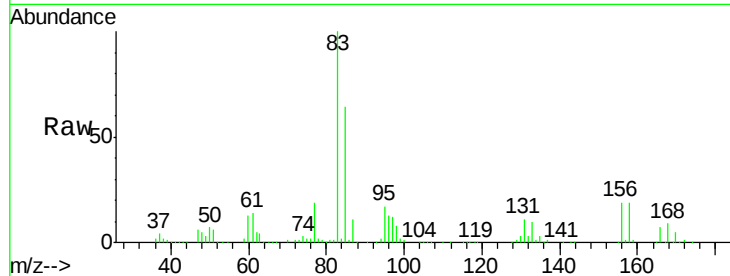
83 100

131 10.9 5.6 16.8

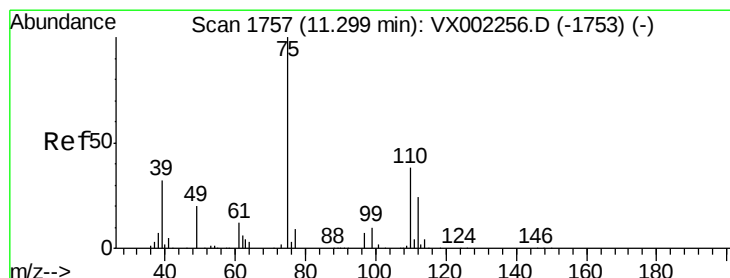
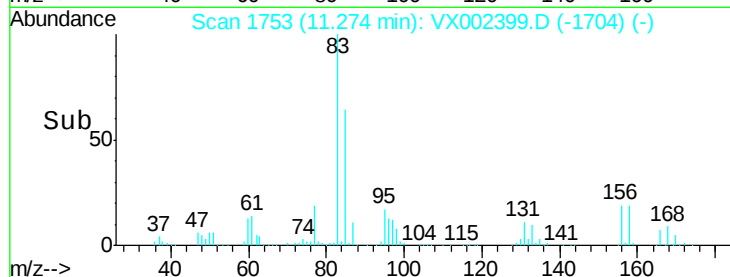
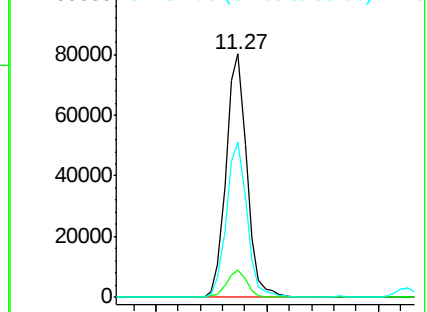
85 63.2 32.4 97.2

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Abundance Ion 82.90 (82.60 to 83.60): VX0  
Ion 130.80 (130.50 to 131.50): V  
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 18.86 ug/l m

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

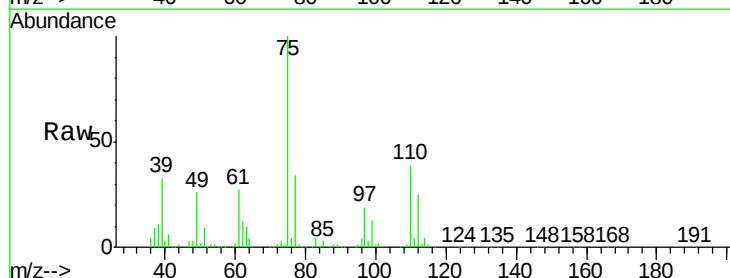
Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

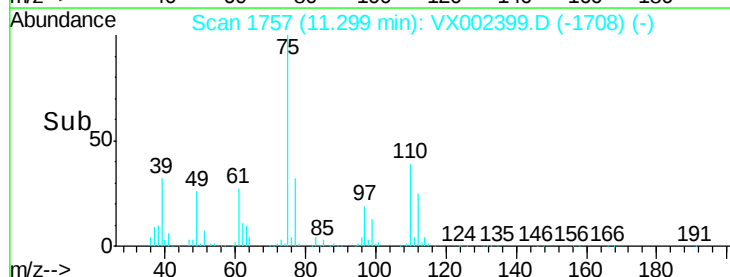
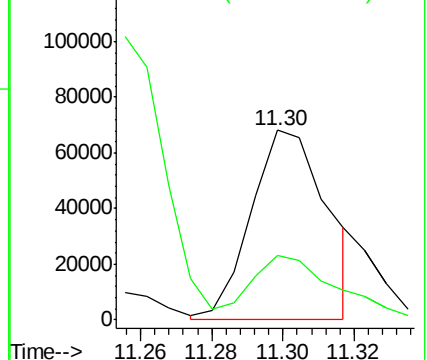
Tgt Ion: 75 Resp: 100787  
Ion Ratio Lower Upper

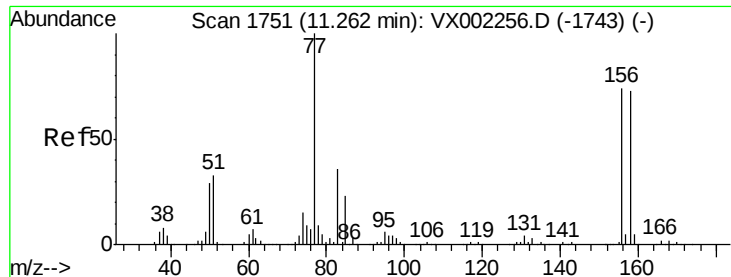
75 100

77 38.3 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0  
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.48 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

Instrument :

MSVOA\_X

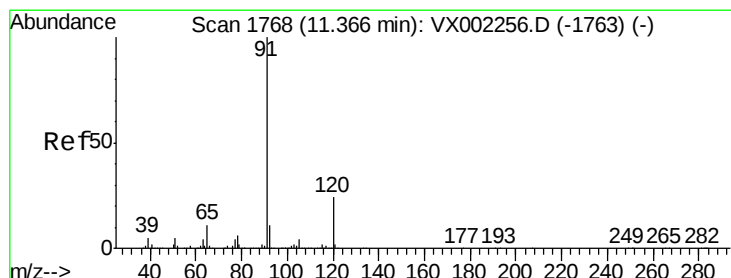
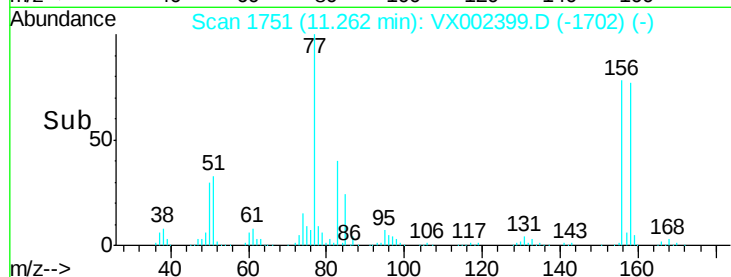
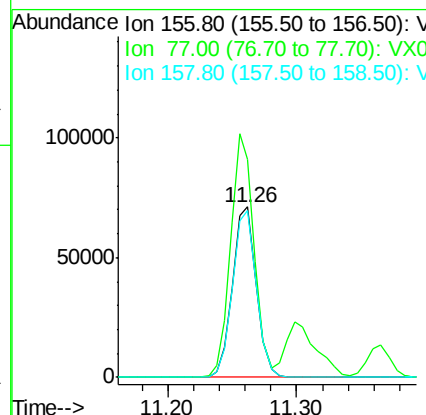
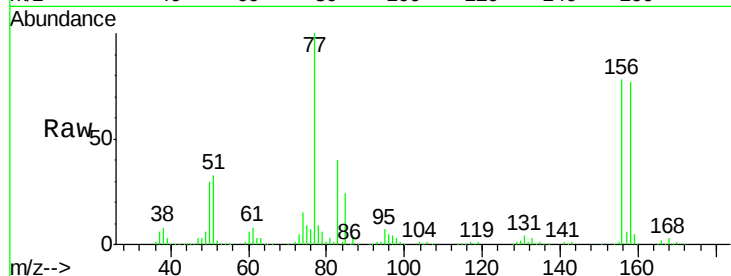
ClientSampled :

VX0608WBS02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 156   | Resp: | 92669 |
| Ion Ratio | Lower | Upper |       |
| 156       | 100   |       |       |
| 77        | 140.0 | 71.4  | 214.2 |
| 158       | 97.9  | 48.9  | 146.6 |

Manual Integrations  
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#78

n-propylbenzene

Concen: 20.64 ug/l

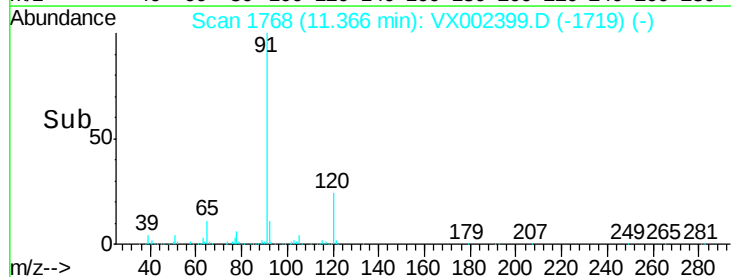
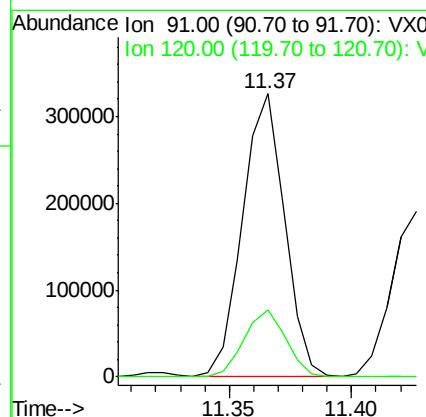
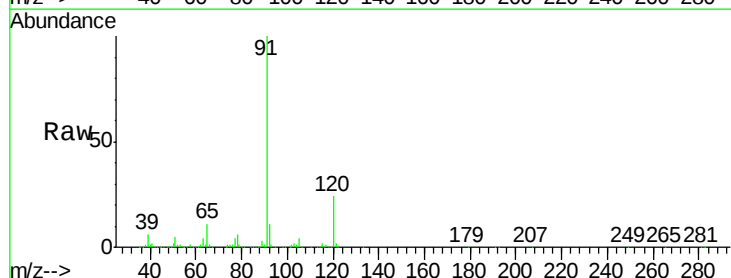
RT: 11.37 min Scan# 1768

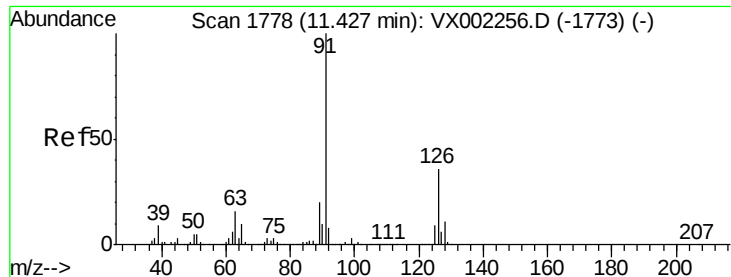
Delta R.T. -0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 388806 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 23.8  | 11.8  | 35.4   |





#79

2-Chlorotoluene

Concen: 19.56 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

Instrument :

MSVOA\_X

ClientSampleId :

VX0608WBS02

Tgt Ion: 91 Resp: 232561

Ion Ratio Lower Upper

91 100

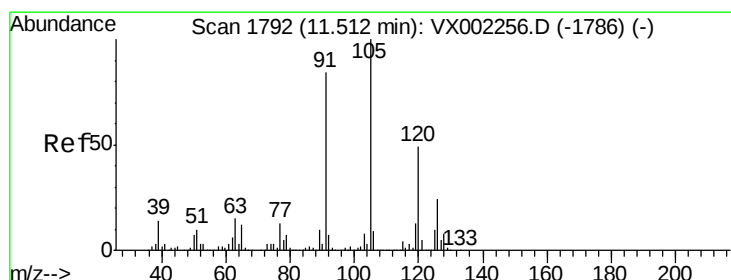
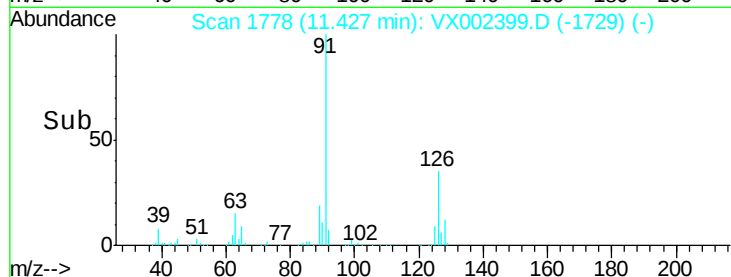
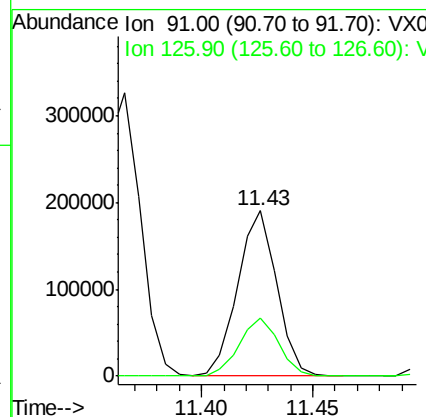
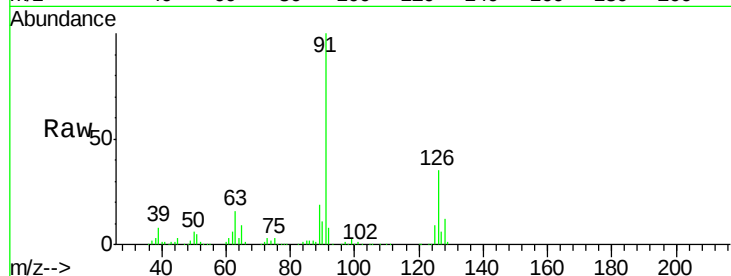
126 35.8 17.7 53.1

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 20.06 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002399.D

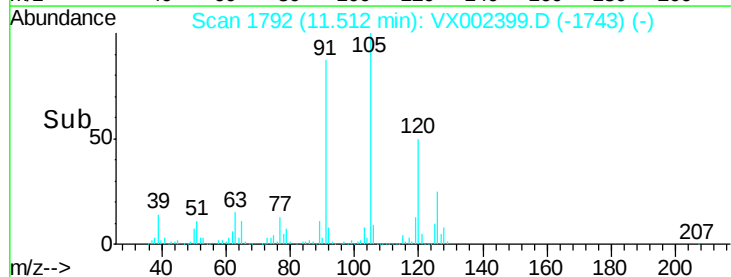
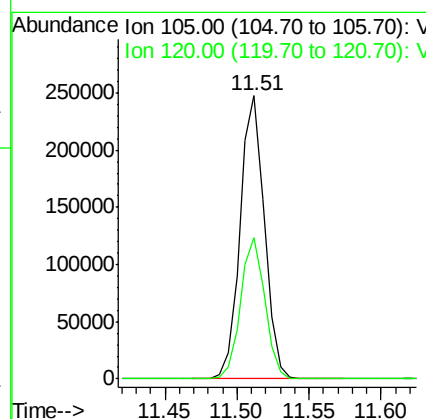
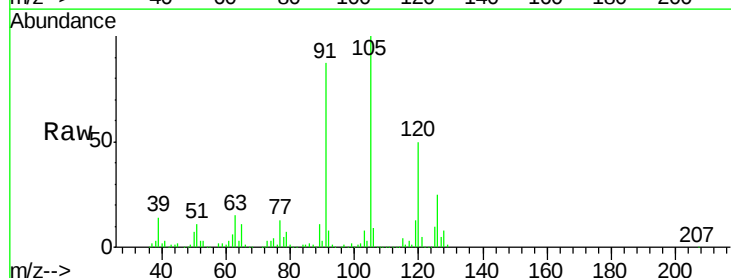
Acq: 08 Jun 2018 13:55

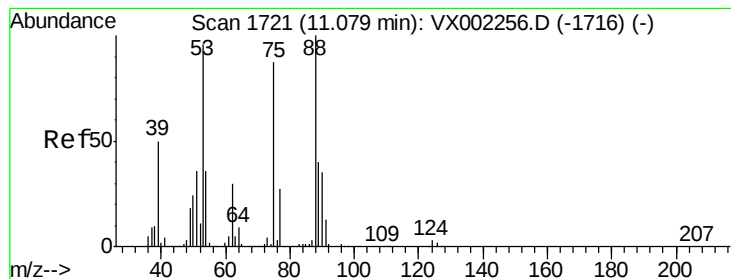
Tgt Ion: 105 Resp: 291628

Ion Ratio Lower Upper

105 100

120 49.8 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 16.49 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

Instrument :

MSVOA\_X

ClientSampleId :

VX0608WBS02

Tgt Ion: 75 Resp: 25139

Ion Ratio Lower Upper

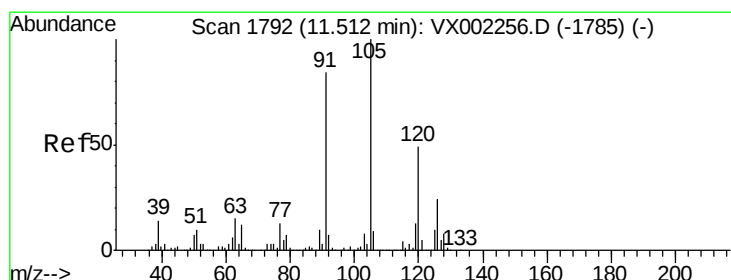
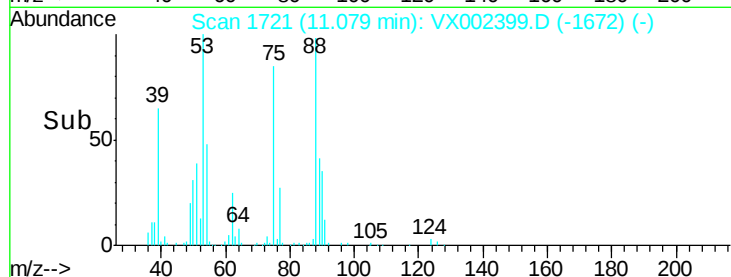
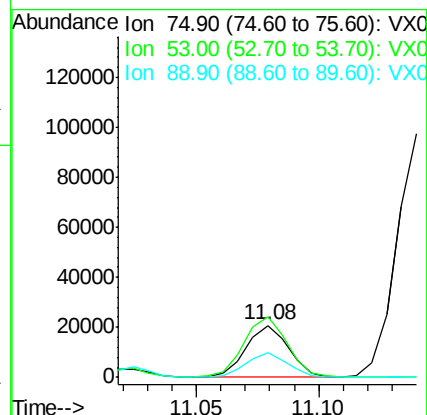
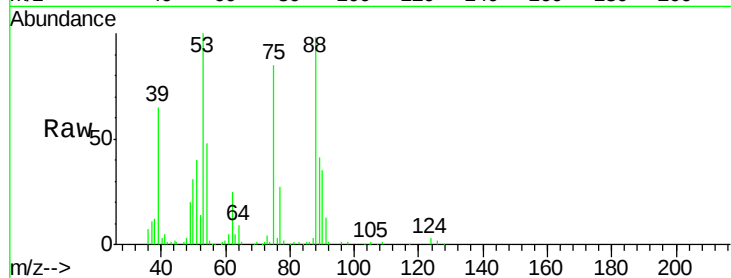
75 100

53 120.2 86.8 130.2

89 48.0 38.2 57.2

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#82

4-Chlorotoluene

Concen: 19.91 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002399.D

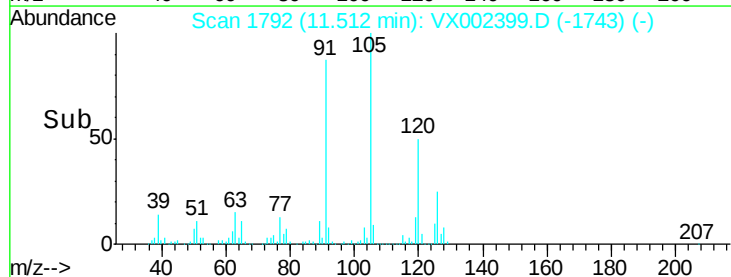
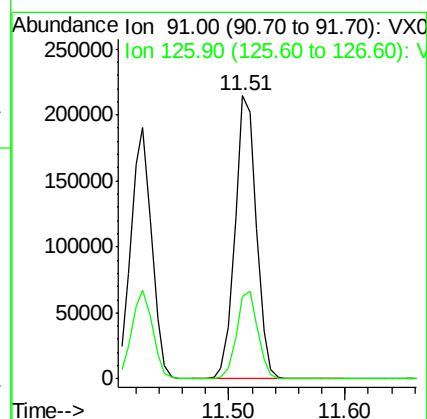
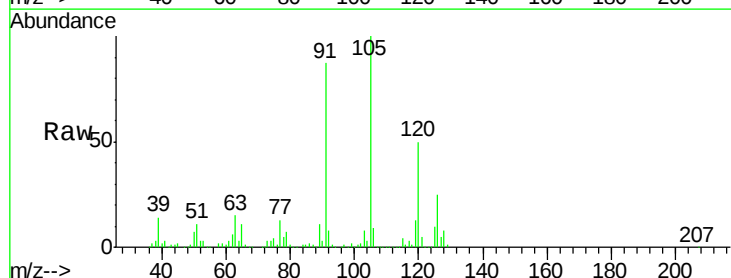
Acq: 08 Jun 2018 13:55

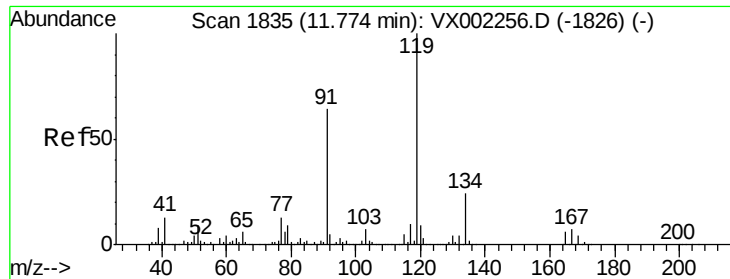
Tgt Ion: 91 Resp: 273312

Ion Ratio Lower Upper

91 100

126 31.0 15.4 46.4





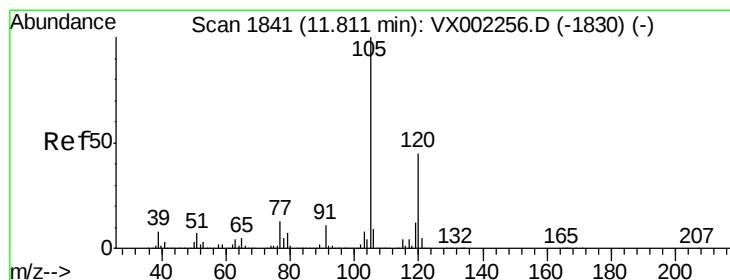
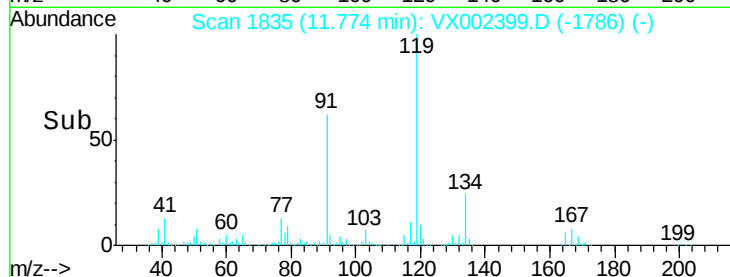
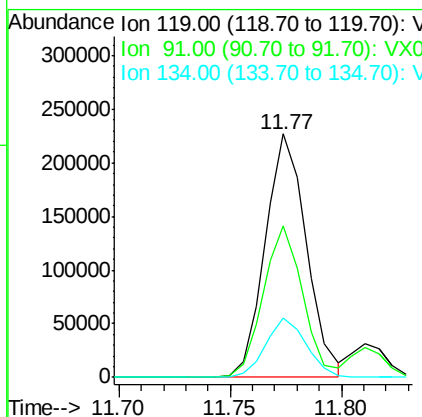
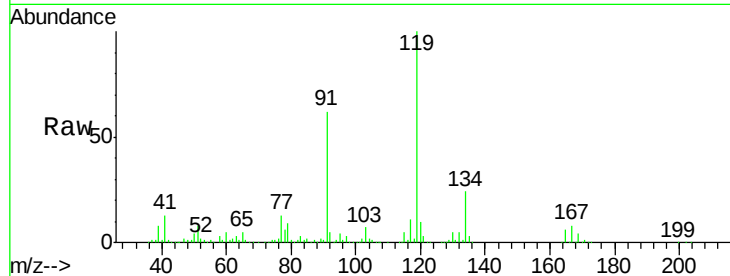
#83  
 tert-Butylbenzene  
 Concen: 20.61 ug/l  
 RT: 11.77 min Scan# 1835  
 Delta R.T. -0.00 min  
 Lab File: VX002399.D  
 Acq: 08 Jun 2018 13:55

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0608WBS02

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 291632 |       |       |
| 91      | 60.0  | 30.3   | 90.9  |       |
| 134     | 23.8  | 11.7   | 35.1  |       |

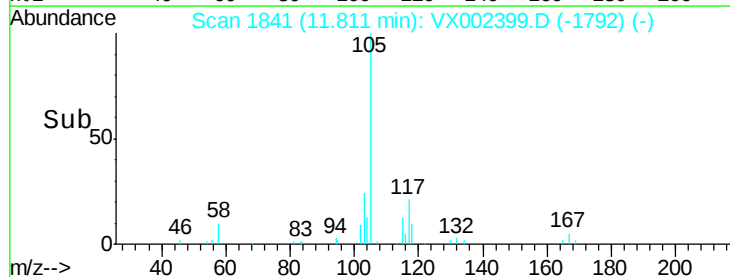
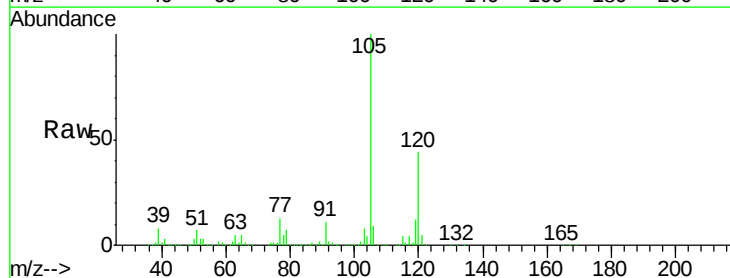
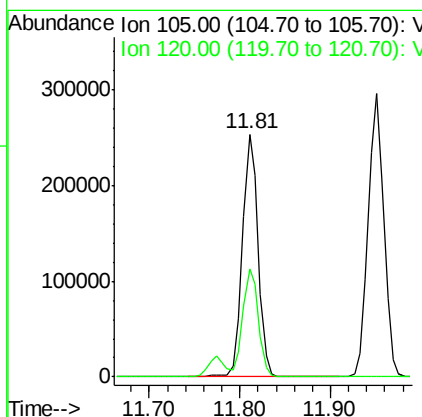
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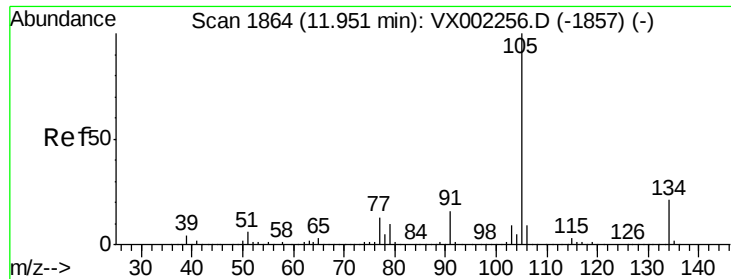
MMDadoda  
 6/11/2018 9:30:27 AM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.19 ug/l  
 RT: 11.81 min Scan# 1841  
 Delta R.T. -0.00 min  
 Lab File: VX002399.D  
 Acq: 08 Jun 2018 13:55

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 302127 |       |       |
| 120     | 44.3  | 22.3   | 66.8  |       |





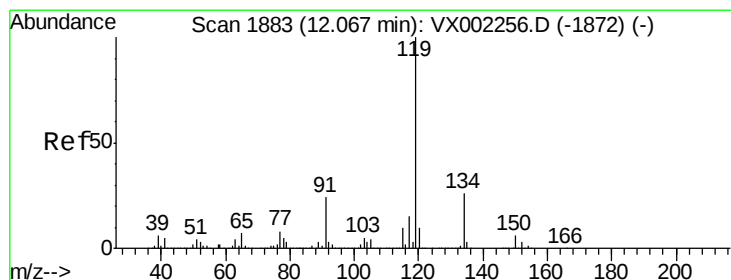
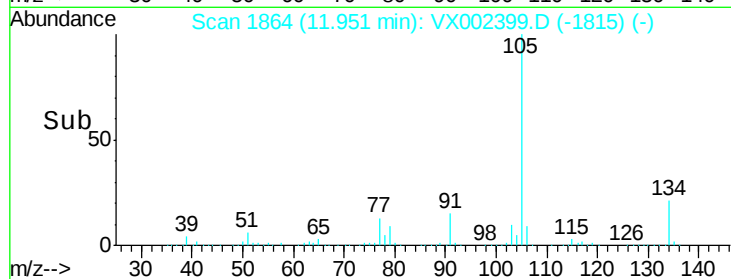
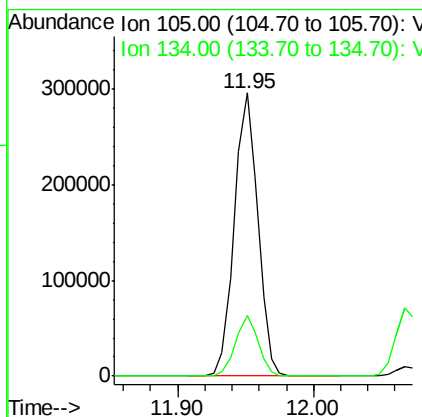
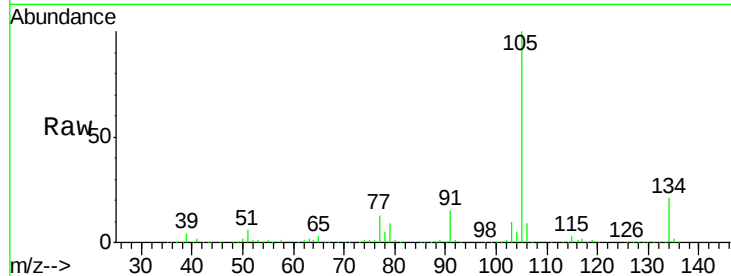
#85  
 sec-Butylbenzene  
 Concen: 21.48 ug/l  
 RT: 11.95 min Scan# 1864  
 Delta R.T. -0.00 min  
 Lab File: VX002399.D  
 Acq: 08 Jun 2018 13:55

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0608WBS02

Tgt Ion:105 Resp: 356431  
 Ion Ratio Lower Upper  
 105 100  
 134 20.7 10.4 31.1

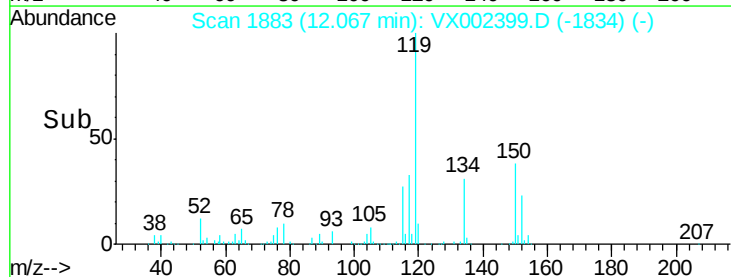
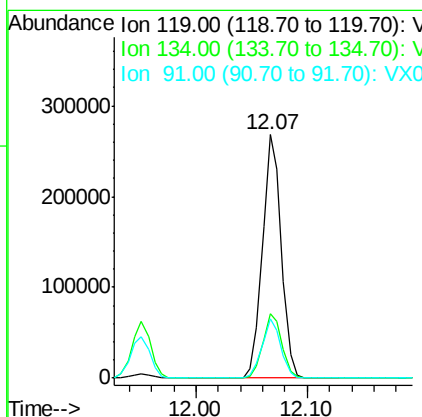
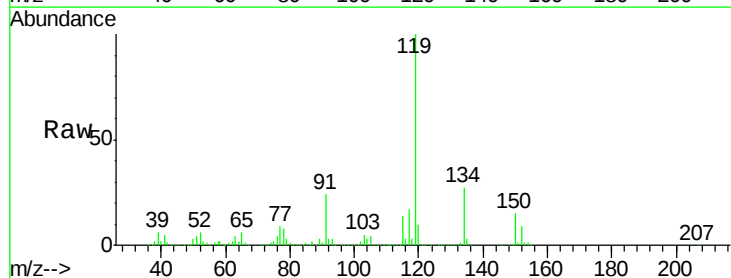
Manual Integrations  
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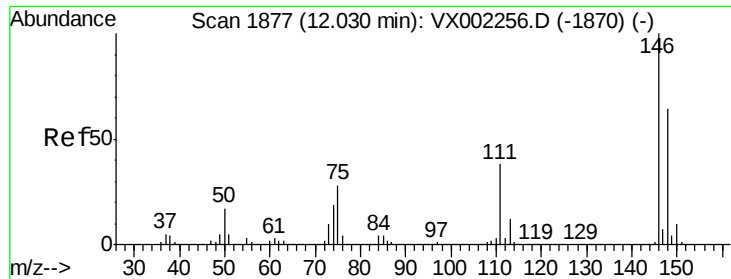
MMDadoda  
 6/11/2018 9:30:27 AM



#86  
 p-Isopropyltoluene  
 Concen: 21.09 ug/l  
 RT: 12.07 min Scan# 1883  
 Delta R.T. -0.00 min  
 Lab File: VX002399.D  
 Acq: 08 Jun 2018 13:55

Tgt Ion:119 Resp: 318767  
 Ion Ratio Lower Upper  
 119 100  
 134 26.9 13.4 40.1  
 91 24.3 11.9 35.7





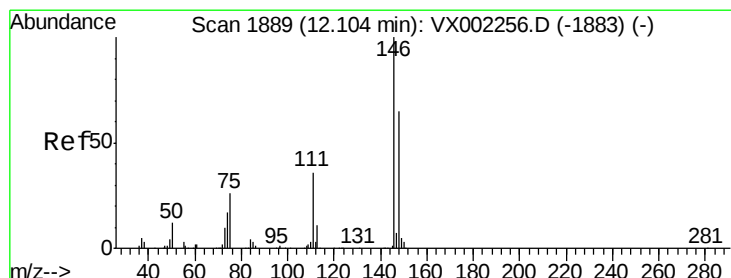
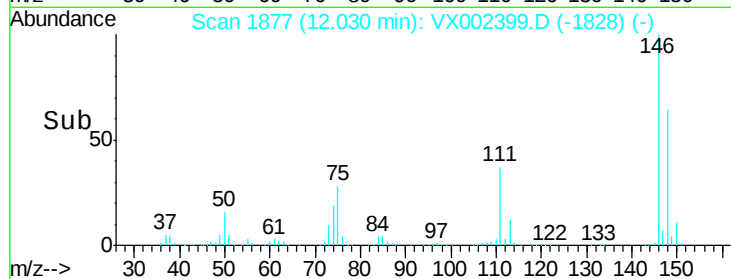
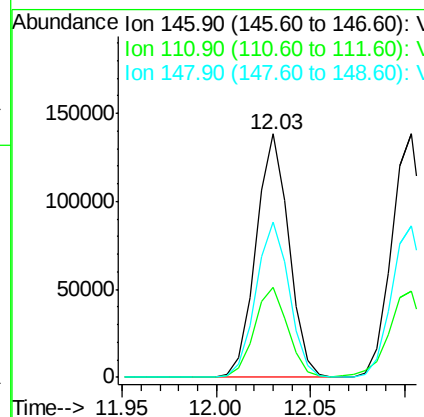
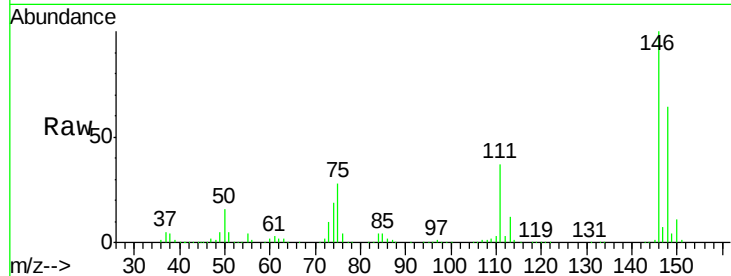
#87  
 1,3-Dichlorobenzene  
 Concen: 19.63 ug/l  
 RT: 12.03 min Scan# 1877  
 Delta R.T. -0.00 min  
 Lab File: VX002399.D  
 Acq: 08 Jun 2018 13:55

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0608WBS02

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 167007 |       |       |
| 111     | 37.5  | 18.9   | 56.7  |       |
| 148     | 64.8  | 32.1   | 96.3  |       |

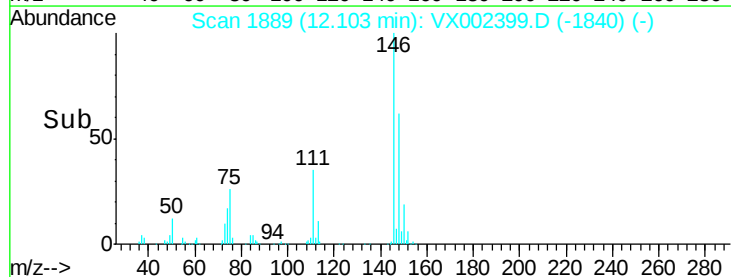
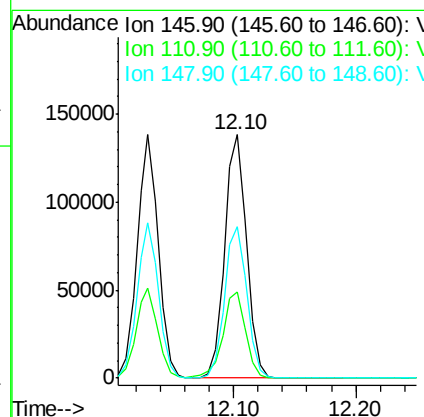
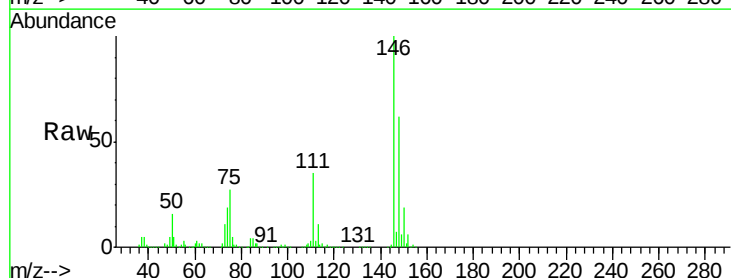
Manual Integrations  
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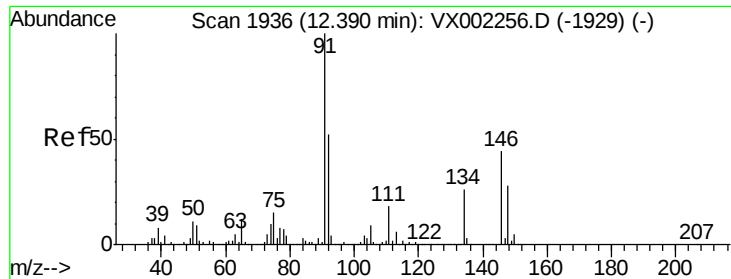
MMDadoda  
 6/11/2018 9:30:27 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 19.57 ug/l  
 RT: 12.10 min Scan# 1889  
 Delta R.T. -0.00 min  
 Lab File: VX002399.D  
 Acq: 08 Jun 2018 13:55

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 171612 |       |       |
| 111     | 37.1  | 18.7   | 56.1  |       |
| 148     | 63.5  | 32.4   | 97.0  |       |





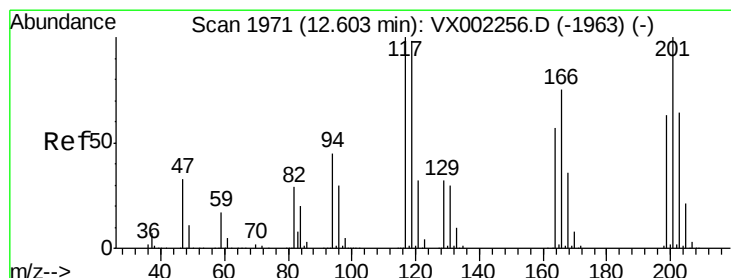
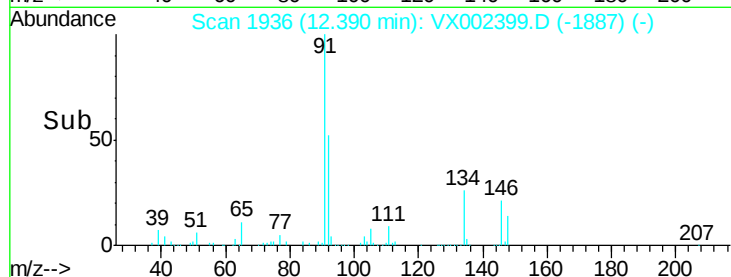
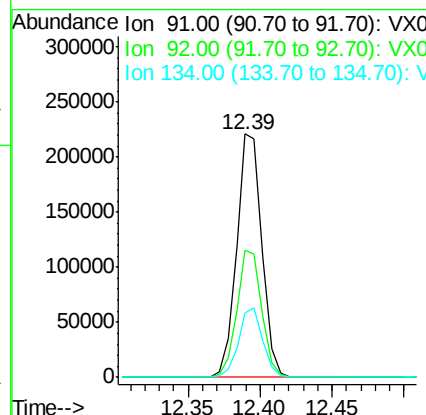
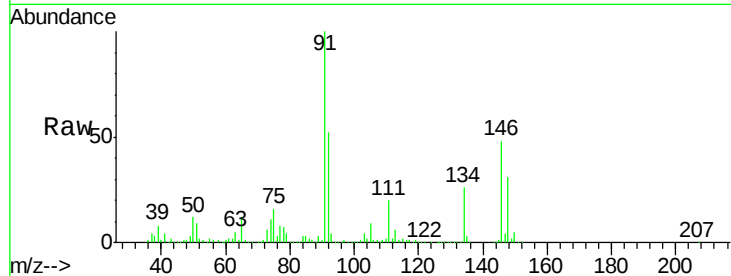
#89  
n-Butylbenzene  
Concen: 21.38 ug/l  
RT: 12.39 min Scan# 1936  
Delta R.T. -0.00 min  
Lab File: VX002399.D  
Acq: 08 Jun 2018 13:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0608WBS02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 51.5  | 26.0  | 78.0  |
| 134     | 27.3  | 13.5  | 40.5  |

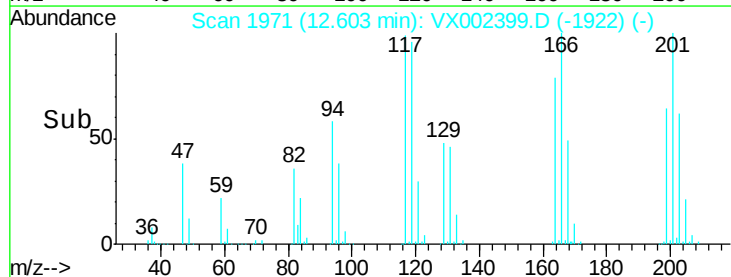
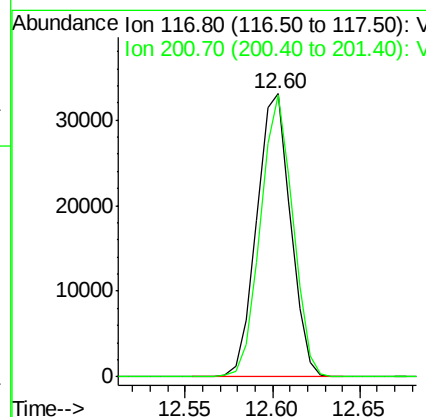
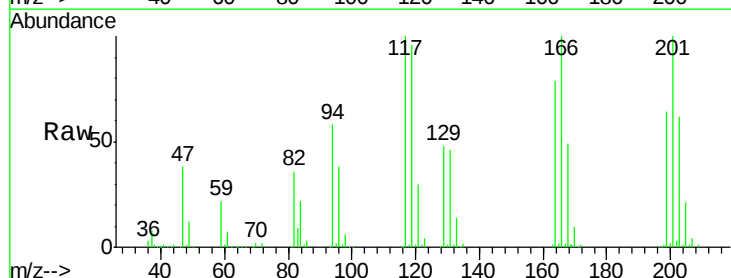
Manual Integrations  
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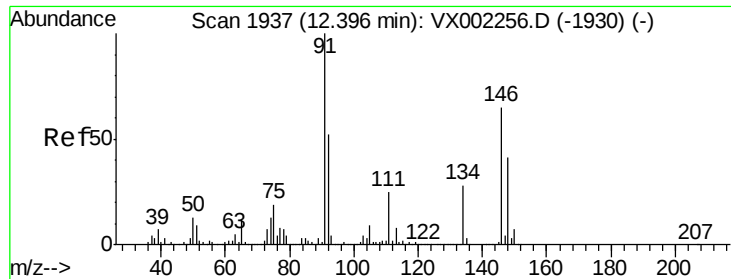
MMDadoda  
6/11/2018 9:30:27 AM



#90  
Hexachloroethane  
Concen: 18.39 ug/l  
RT: 12.60 min Scan# 1971  
Delta R.T. -0.00 min  
Lab File: VX002399.D  
Acq: 08 Jun 2018 13:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 95.0  | 49.0  | 147.0 |





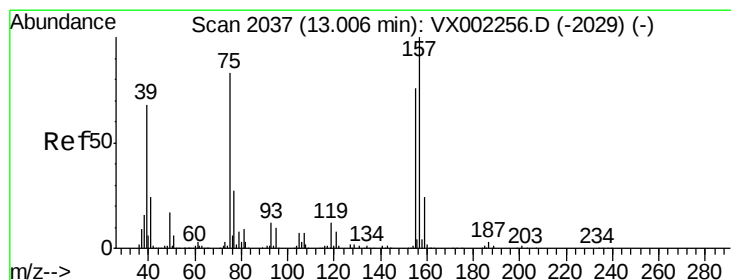
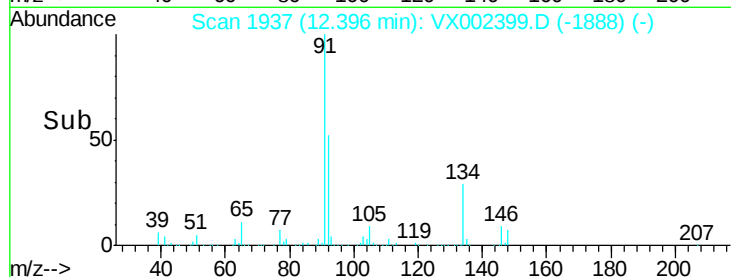
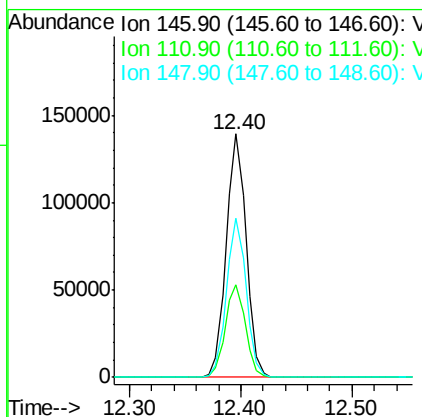
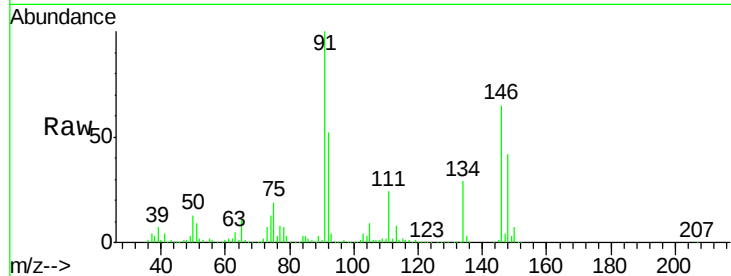
#91  
1,2-Dichlorobenzene  
Concen: 19.56 ug/l  
RT: 12.40 min Scan# 1937  
Delta R.T. -0.00 min  
Lab File: VX002399.D  
Acq: 08 Jun 2018 13:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0608WBS02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.4  | 19.4  | 58.1  |
| 148     | 64.5  | 31.7  | 95.1  |

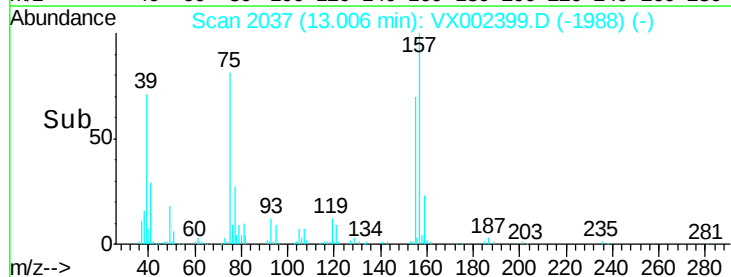
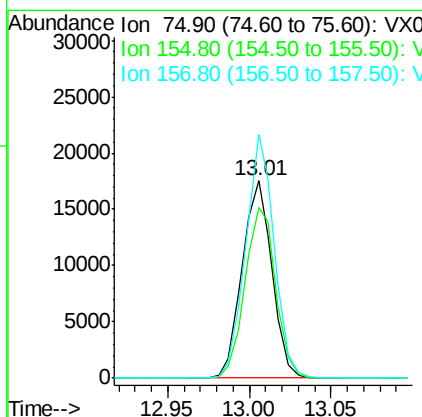
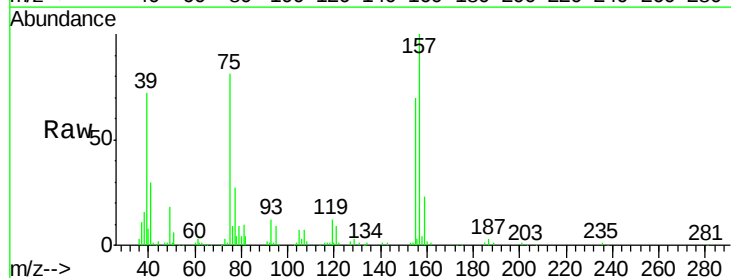
Manual Integrations  
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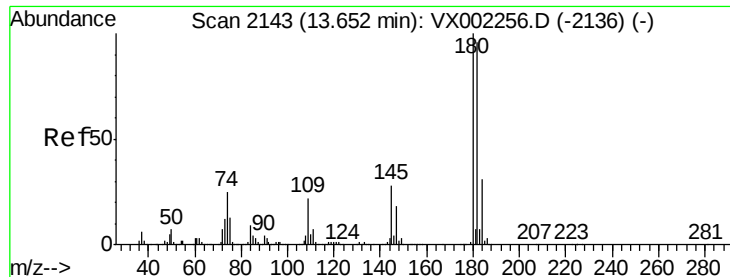
MMDadoda  
6/11/2018 9:30:27 AM



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 19.13 ug/l  
RT: 13.01 min Scan# 2037  
Delta R.T. -0.00 min  
Lab File: VX002399.D  
Acq: 08 Jun 2018 13:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 89.0  | 45.8  | 137.4 |
| 157     | 118.4 | 60.1  | 180.3 |





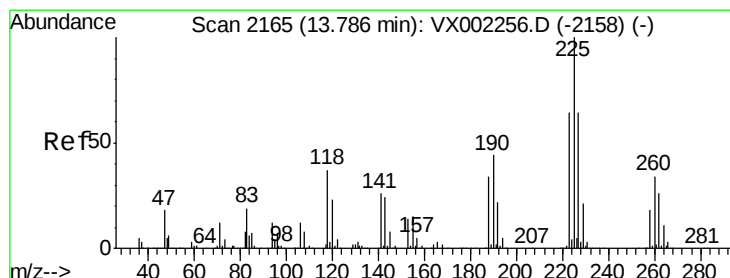
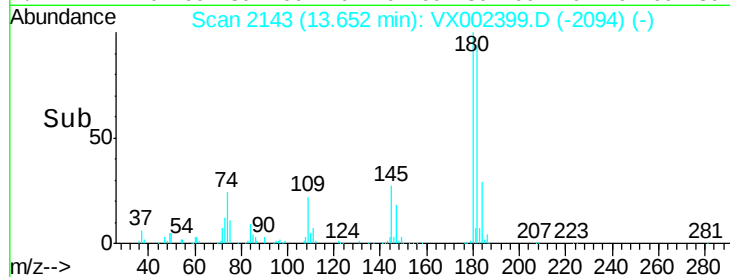
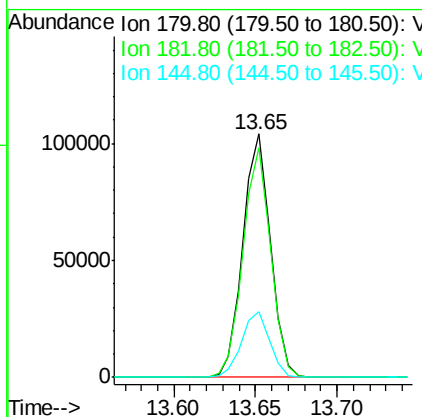
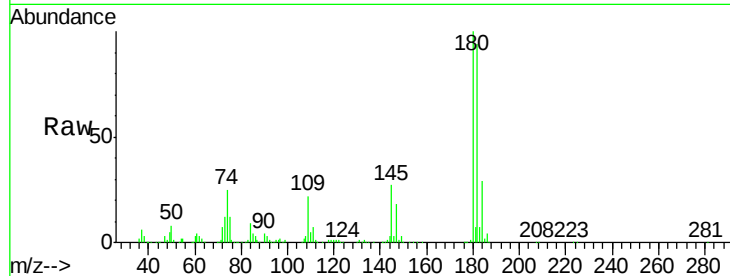
#93  
 1,2,4-Trichlorobenzene  
 Concen: 19.98 ug/l  
 RT: 13.65 min Scan# 2143  
 Delta R.T. -0.00 min  
 Lab File: VX002399.D  
 Acq: 08 Jun 2018 13:55

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0608WBS02

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 123295 |       |       |
| 182     | 94.7  | 47.7   | 143.1 |       |
| 145     | 27.5  | 14.1   | 42.4  |       |

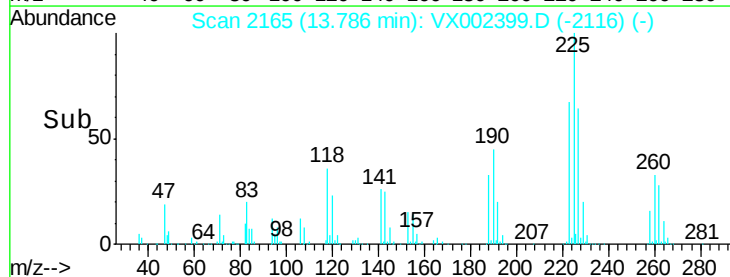
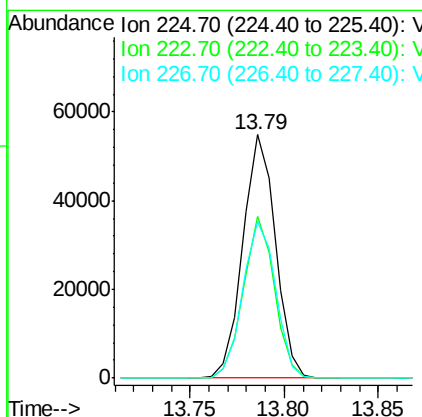
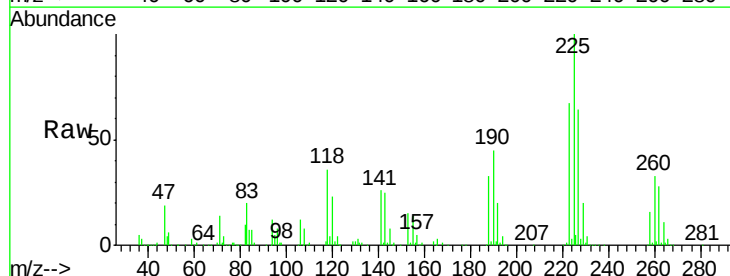
Manual Integrations  
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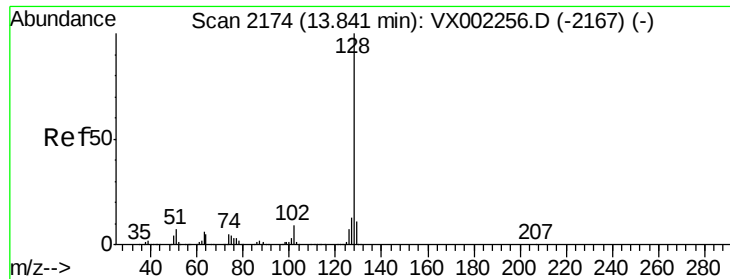
MMDadoda  
 6/11/2018 9:30:27 AM



#94  
 Hexachlorobutadiene  
 Concen: 21.64 ug/l  
 RT: 13.79 min Scan# 2165  
 Delta R.T. -0.00 min  
 Lab File: VX002399.D  
 Acq: 08 Jun 2018 13:55

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 65975 |       |       |
| 223     | 63.6  | 31.6  | 95.0  |       |
| 227     | 64.9  | 32.4  | 97.2  |       |





#95

Naphthalene

Concen: 20.08 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

Instrument :

MSVOA\_X

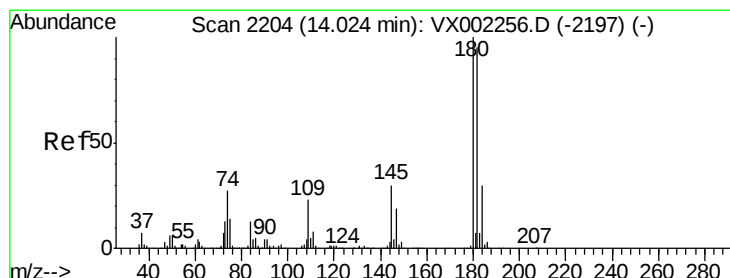
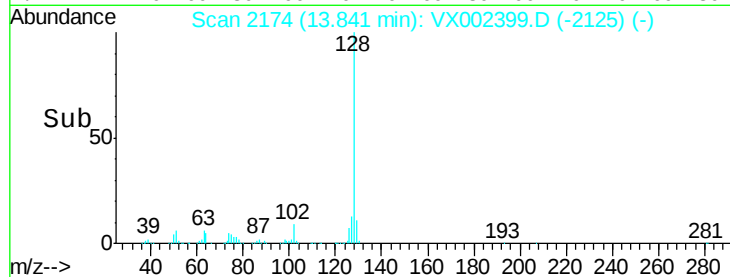
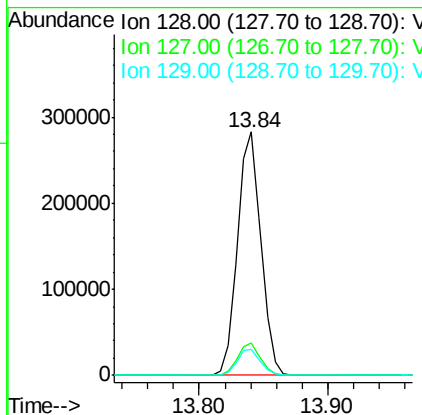
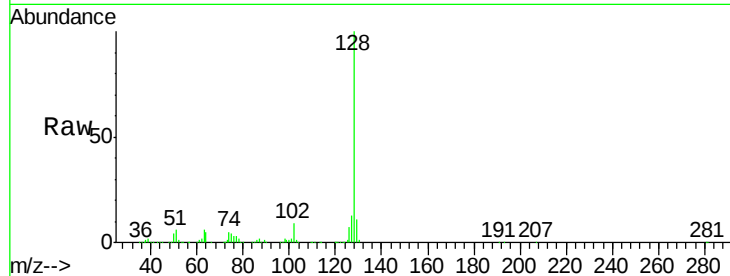
ClientSampleId :

VX0608WBS02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 356034 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 12.9  | 10.4  | 15.6   |
| 129       | 10.8  | 8.6   | 13.0   |

Manual Integrations  
APPROVED

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6/11/2018 9:30:27 AM



#96

1,2,3-Trichlorobenzene

Concen: 20.15 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002399.D

Acq: 08 Jun 2018 13:55

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 126791 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 95.5  | 48.0  | 144.0  |
| 145       | 29.4  | 14.8  | 44.3   |

