

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091418\  
 Data File : VX004556.D  
 Acq On : 15 Sep 2018 01:50  
 Operator : JC/MD  
 Sample : VX0914WBS02  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0914WBS02

Manual Integrations  
 APPROVED

MMDadoda  
 9/17/2018 5:09:29 PM

Quant Time: Sep 15 06:19:12 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X091118W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 12 02:17:23 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 213424   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 298846   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 265371   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 148595   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.07   | 65  | 166372   | 60.46 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 120.92% |      |
| 35) Dibromofluoromethane  | 5.50   | 113 | 143367   | 52.42 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 104.84% |      |
| 50) Toluene-d8            | 8.72   | 98  | 441679   | 48.16 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.32%  |      |
| 62) 4-Bromofluorobenzene  | 11.14  | 95  | 149609   | 45.70 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 91.40%  |      |

## Target Compounds

|                               |      |     |        |        |      | Qvalue |
|-------------------------------|------|-----|--------|--------|------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 38300  | 19.15  | ug/l | 98     |
| 3) Chloromethane              | 1.32 | 50  | 59060  | 21.45  | ug/l | 100    |
| 4) Vinyl Chloride             | 1.40 | 62  | 58197  | 20.60  | ug/l | 96     |
| 5) Bromomethane               | 1.64 | 94  | 30880  | 25.52  | ug/l | 96     |
| 6) Chloroethane               | 1.72 | 64  | 38308  | 20.97  | ug/l | 100    |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 69054  | 18.44  | ug/l | 95     |
| 8) Diethyl Ether              | 2.19 | 74  | 41508  | 24.72  | ug/l | 91     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101 | 42776  | 18.00  | ug/l | 99     |
| 10) Methyl Iodide             | 2.51 | 142 | 46927  | 19.37  | ug/l | 99     |
| 11) Tert butyl alcohol        | 3.07 | 59  | 83048  | 126.47 | ug/l | 100    |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 44742  | 20.06  | ug/l | 98     |
| 13) Acrolein                  | 2.29 | 56  | 38480  | 148.45 | ug/l | 93     |
| 14) Allyl chloride            | 2.73 | 41  | 99839  | 21.78  | ug/l | 96     |
| 15) Acrylonitrile             | 3.15 | 53  | 204815 | 129.52 | ug/l | 97     |
| 16) Acetone                   | 2.45 | 43  | 154927 | 115.35 | ug/l | 92     |
| 17) Carbon Disulfide          | 2.57 | 76  | 123765 | 19.20  | ug/l | 99     |
| 18) Methyl Acetate            | 2.78 | 43  | 96878  | 25.71  | ug/l | 98     |
| 19) Methyl tert-butyl Ether   | 3.20 | 73  | 199362 | 25.48  | ug/l | 95     |
| 20) Methylene Chloride        | 2.85 | 84  | 66305  | 24.06  | ug/l | 95     |
| 21) trans-1,2-Dichloroethene  | 3.16 | 96  | 54015  | 21.92  | ug/l | 94     |
| 22) Diisopropyl ether         | 3.87 | 45  | 203064 | 24.59  | ug/l | 97     |
| 23) Vinyl Acetate             | 3.82 | 43  | 834690 | 124.91 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 104919 | 22.51  | ug/l | 99     |
| 25) 2-Butanone                | 4.70 | 43  | 245709 | 114.94 | ug/l | 98     |
| 26) 2,2-Dichloropropane       | 4.59 | 77  | 55253  | 17.26  | ug/l | 94     |
| 27) cis-1,2-Dichloroethene    | 4.59 | 96  | 66389  | 24.13  | ug/l | 95     |
| 28) Bromochloromethane        | 5.01 | 49  | 54692  | 25.65  | ug/l | 97     |
| 29) Tetrahydrofuran           | 5.15 | 42  | 161568 | 125.33 | ug/l | 98     |
| 30) Chloroform                | 5.21 | 83  | 108751 | 23.89  | ug/l | 93     |
| 31) Cyclohexane               | 5.57 | 56  | 73587  | 18.49  | ug/l | 90     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97  | 78992  | 21.55  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 5.80 | 75  | 65646  | 18.09  | ug/l | 99     |
| 37) Ethyl Acetate             | 4.85 | 43  | 92104  | 22.32  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 5.78 | 117 | 63230  | 17.84  | ug/l | 99     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091418\  
 Data File : VX004556.D  
 Acq On : 15 Sep 2018 01:50  
 Operator : JC/MD  
 Sample : VX0914WBS02  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VX0914WBS02

Manual Integrations  
 APPROVED

MMDadoda  
 9/17/2018 5:09:29 PM

Quant Time: Sep 15 06:19:12 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X091118W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 12 02:17:23 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 60692    | 16.03  | ug/l   | 95       |
| 40) Benzene                    | 6.14  | 78   | 239741   | 22.27  | ug/l   | 98       |
| 41) Methacrylonitrile          | 5.06  | 41   | 53318    | 23.45  | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 85748    | 24.02  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 6.46  | 43   | 131863   | 24.06  | ug/l   | 98       |
| 44) Trichloroethene            | 7.21  | 130  | 54472    | 19.48  | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 57309    | 22.12  | ug/l   | 99       |
| 46) Dibromomethane             | 7.66  | 93   | 36417    | 22.25  | ug/l   | 98       |
| 47) Bromodichloromethane       | 7.90  | 83   | 65649    | 21.21  | ug/l   | 99       |
| 48) Methyl methacrylate        | 7.77  | 41   | 60023    | 22.13  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 7.76  | 88   | 30366    | 473.01 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 427317   | 110.48 | ug/l   | 98       |
| 52) Toluene                    | 8.79  | 92   | 129779   | 20.46  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 78165    | 21.62  | ug/l   | 93       |
| 54) cis-1,3-Dichloropropene    | 8.44  | 75   | 76937    | 20.88  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 67122    | 24.58  | ug/l   | 95       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 91567    | 23.70  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 107170   | 24.15  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 8.32  | 63   | 204697   | 108.24 | ug/l   | 95       |
| 59) 2-Hexanone                 | 9.50  | 43   | 343650   | 115.84 | ug/l   | 96       |
| 60) Dibromochloromethane       | 9.59  | 129  | 58289    | 22.67  | ug/l   | 96       |
| 61) 1,2-Dibromoethane          | 9.68  | 107  | 64888    | 24.87  | ug/l   | 100      |
| 64) Tetrachloroethene          | 9.34  | 164  | 66905    | 20.19  | ug/l   | 91       |
| 65) Chlorobenzene              | 10.14 | 112  | 134732   | 20.44  | ug/l   | 95       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.23 | 131  | 49272    | 21.68  | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.26 | 91   | 206724   | 19.29  | ug/l   | 99       |
| 68) m/p-Xylenes                | 10.36 | 106  | 163090   | 39.50  | ug/l   | 98       |
| 69) o-Xylene                   | 10.70 | 106  | 80637    | 20.32  | ug/l   | 95       |
| 70) Styrene                    | 10.71 | 104  | 137676   | 20.94  | ug/l   | 99       |
| 71) Bromoform                  | 10.86 | 173  | 41752    | 22.37  | ug/l # | 98       |
| 73) Isopropylbenzene           | 11.02 | 105  | 205416   | 20.99  | ug/l   | 99       |
| 74) N-amyl acetate             | 10.90 | 43   | 100096   | 24.30  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 78724    | 24.94  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 75704m   | 25.32  | ug/l   |          |
| 77) Bromobenzene               | 11.26 | 156  | 61361    | 22.68  | ug/l   | 98       |
| 78) n-propylbenzene            | 11.36 | 91   | 226501   | 20.13  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 144050   | 21.11  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 173386   | 21.08  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 20108    | 21.44  | ug/l   | 100      |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 166682   | 20.93  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 11.77 | 119  | 164075   | 20.95  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 181287   | 21.58  | ug/l   | 97       |
| 85) sec-Butylbenzene           | 11.94 | 105  | 202357   | 20.27  | ug/l   | 98       |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 176467   | 20.02  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 104200   | 20.65  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 104822   | 20.10  | ug/l   | 98       |
| 89) n-Butylbenzene             | 12.39 | 91   | 140579   | 17.50  | ug/l   | 97       |
| 90) Hexachloroethane           | 12.60 | 117  | 25943    | 18.39  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene        | 12.40 | 146  | 110240   | 21.58  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 16908    | 25.09  | ug/l   | 98       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091418\  
Data File : VX004556.D  
Acq On : 15 Sep 2018 01:50  
Operator : JC/MD  
Sample : VX0914WBS02  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0914WBS02

Manual Integrations  
APPROVED

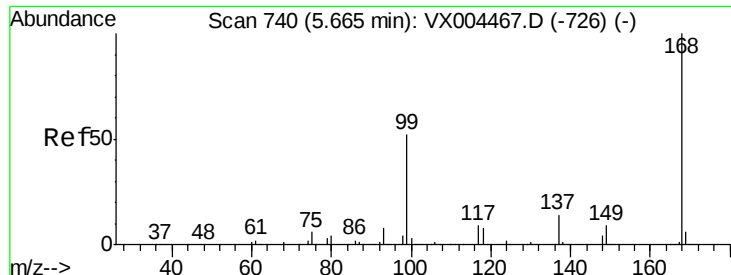
MMDadoda  
9/17/2018 5:09:29 PM

Quant Time: Sep 15 06:19:12 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X091118W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 12 02:17:23 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 79543    | 21.99 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.79 | 225  | 36235    | 19.18 | ug/l  | 97       |
| 95) Naphthalene            | 13.83 | 128  | 245309   | 24.18 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 82967    | 22.33 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX004556.D

Acq: 15 Sep 2018 01:50

Instrument :

MSVOA\_X

ClientSampleId :

VX0914WBS02

Tot Ion:168 Resp: 213424

Ion Ratio Lower Upper

168 100

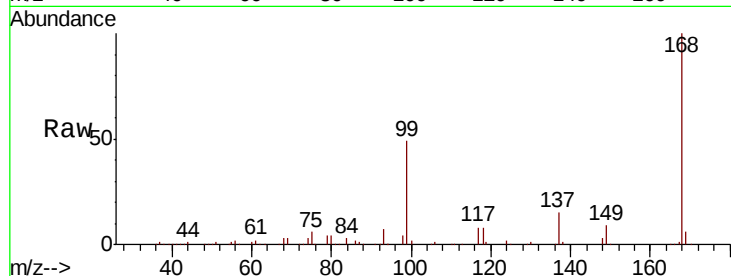
99 49.1 39.9 59.9

Manual Integrations

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9/17/2018 5:09:29 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

80000

60000

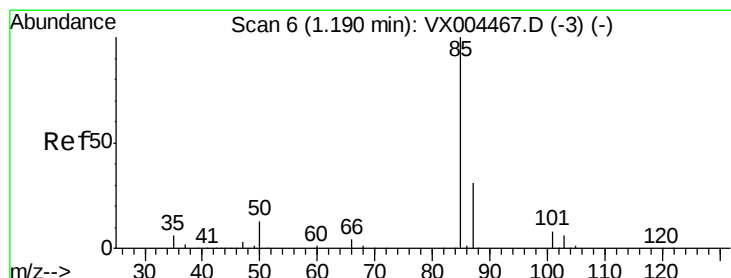
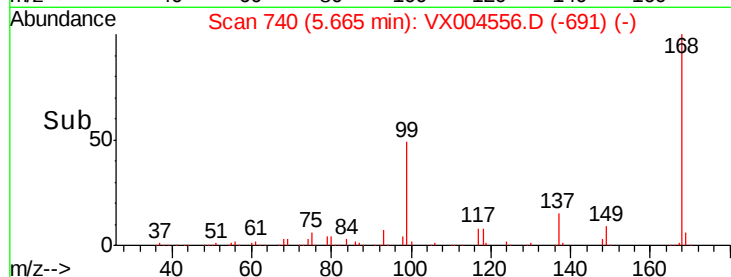
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.15 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.01 min

Lab File: VX004556.D

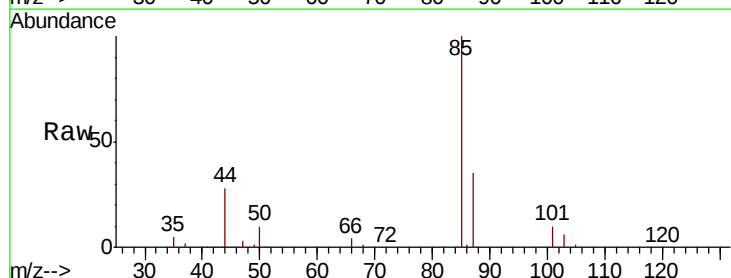
Acq: 15 Sep 2018 01:50

Tgt Ion: 85 Resp: 38300

Ion Ratio Lower Upper

85 100

87 34.8 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

40000

30000

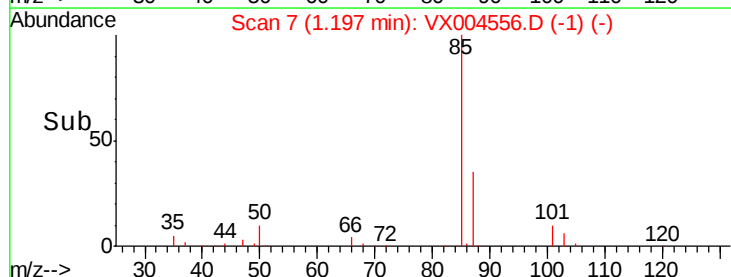
20000

10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 21.45 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.01 min

Lab File: VX004556.D

Acq: 15 Sep 2018 01:50

Instrument :

MSVOA\_X

ClientSampleId :

VX0914WBS02

Tot Ion: 50 Resp: 59060

Ion Ratio Lower Upper

50 100

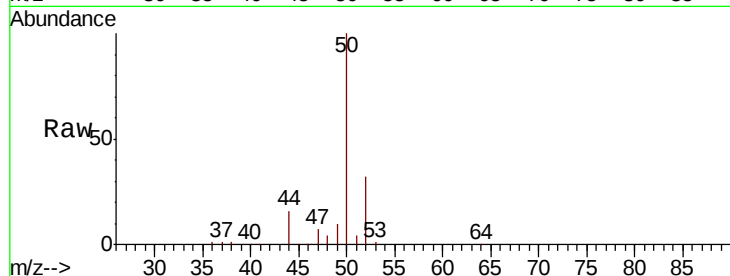
52 32.4 26.2 39.2

Manual Integrations

APPROVED

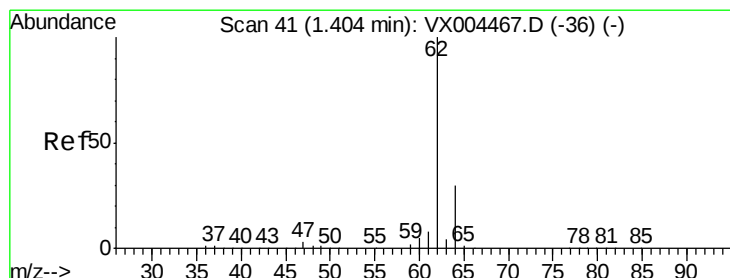
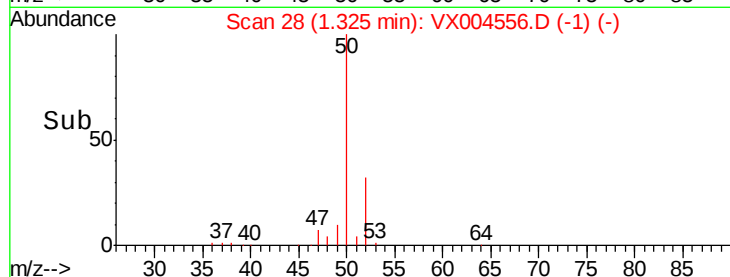
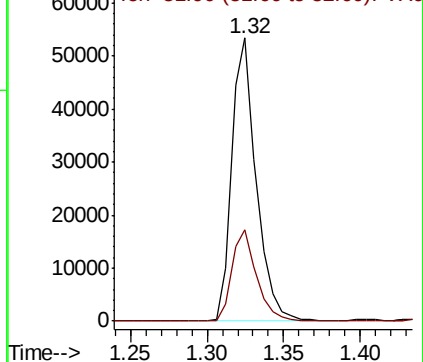
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 20.60 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX004556.D

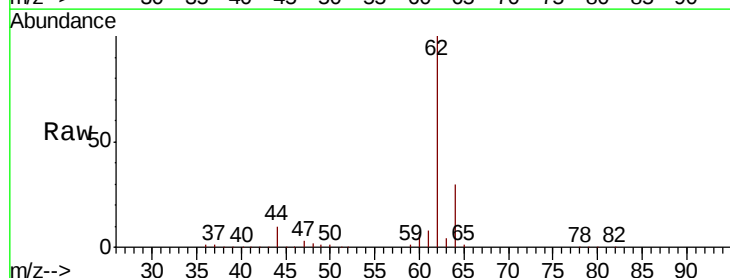
Acq: 15 Sep 2018 01:50

Tgt Ion: 62 Resp: 58197

Ion Ratio Lower Upper

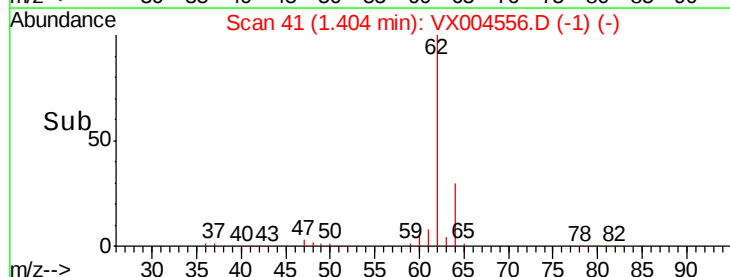
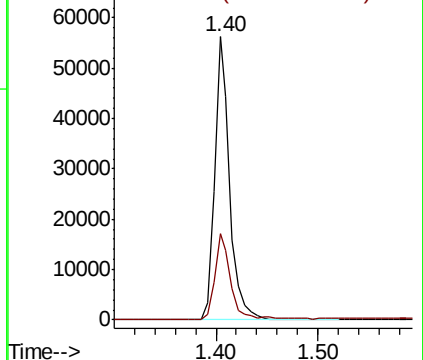
62 100

64 30.2 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 25.52 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004556.D

Acq: 15 Sep 2018 01:50

Instrument :

MSVOA\_X

ClientSampleId :

VX0914WBS02

Tot Ion: 94 Resp: 30880

Ion Ratio Lower Upper

94 100

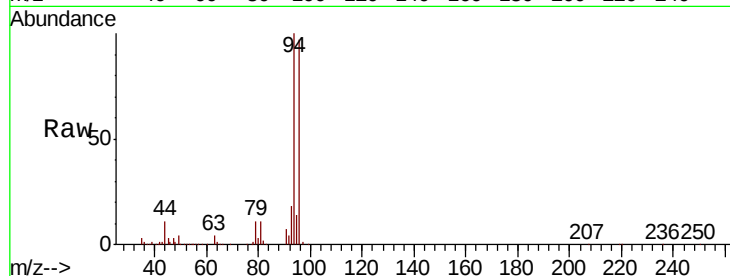
96 97.0 74.5 111.7

Manual Integrations

APPROVED

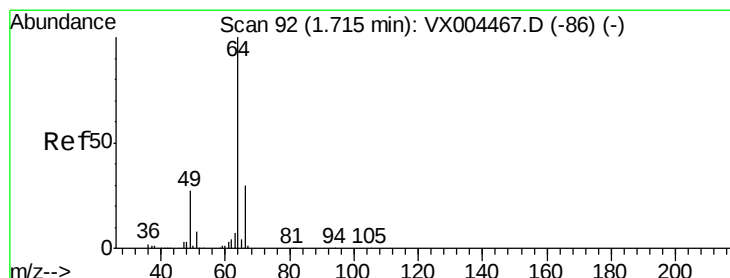
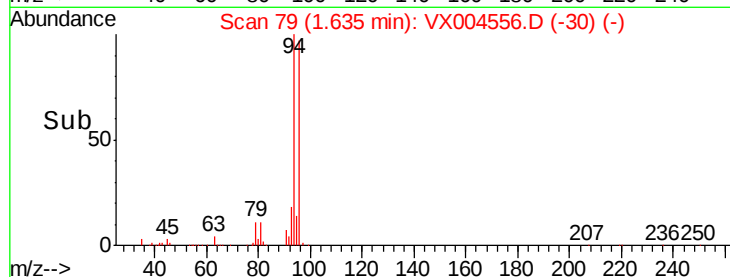
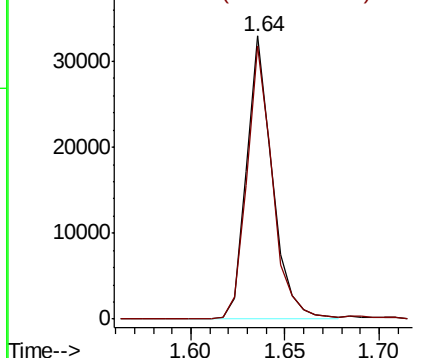
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.97 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX004556.D

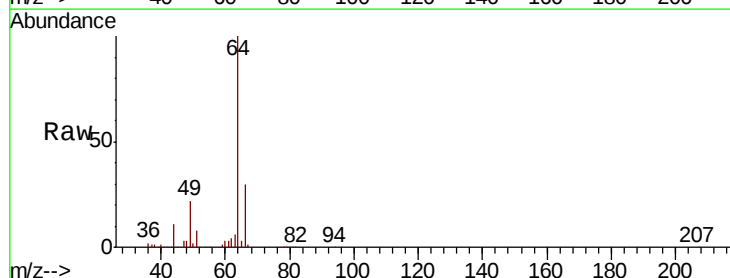
Acq: 15 Sep 2018 01:50

Tgt Ion: 64 Resp: 38308

Ion Ratio Lower Upper

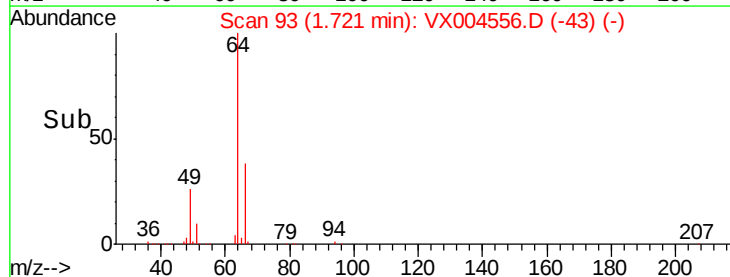
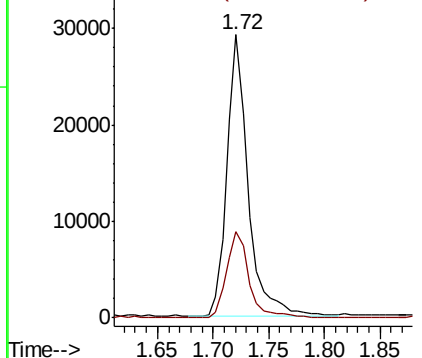
64 100

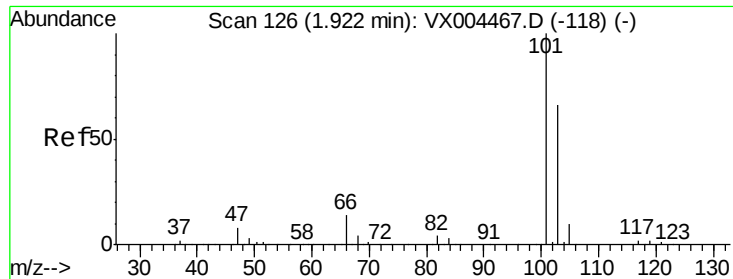
66 30.6 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

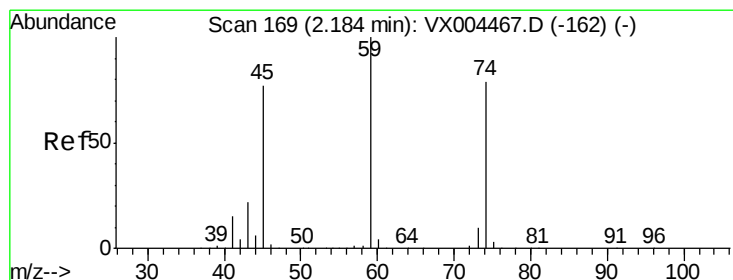
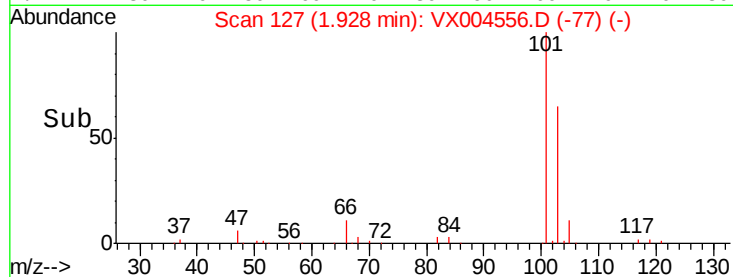
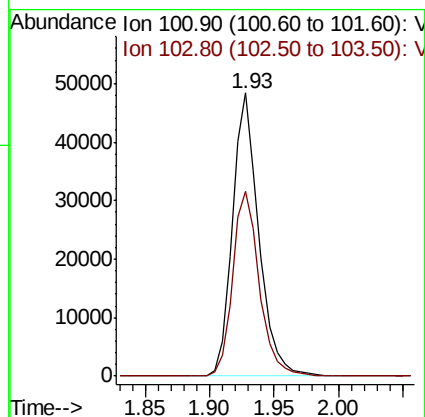
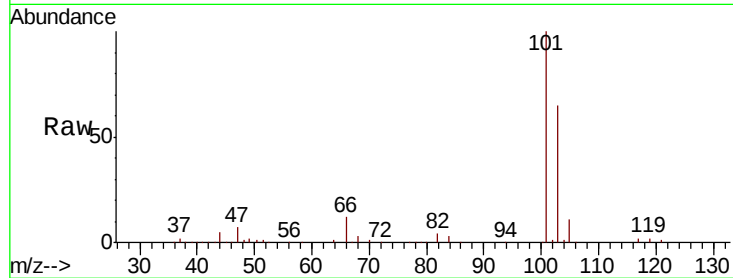
Trichlorofluoromethane  
Concen: 18.44 ug/l  
RT: 1.93 min Scan# 127  
Delta R.T. 0.01 min  
Lab File: VX004556.D  
Acq: 15 Sep 2018 01:50

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0914WBS02

Tot Ion:101 Resp: 69054  
Ion Ratio Lower Upper  
101 100  
103 65.2 48.9 73.3

Manual Integrations  
APPROVED

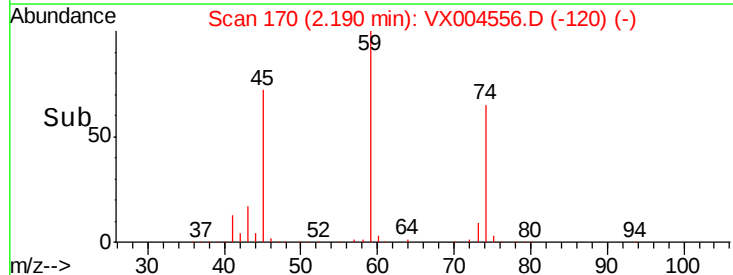
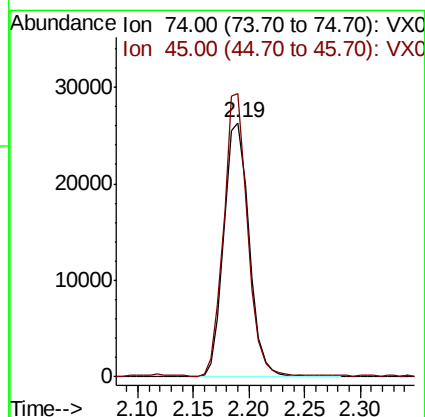
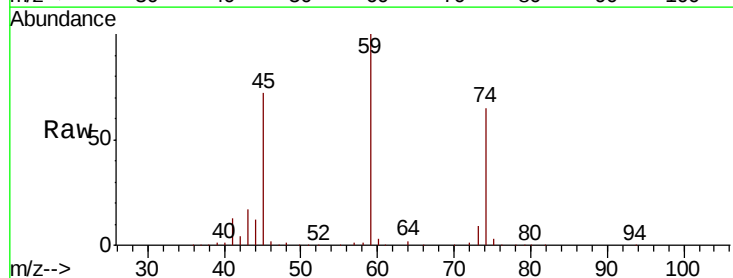
MMDadoda  
9/17/2018 5:09:29 PM

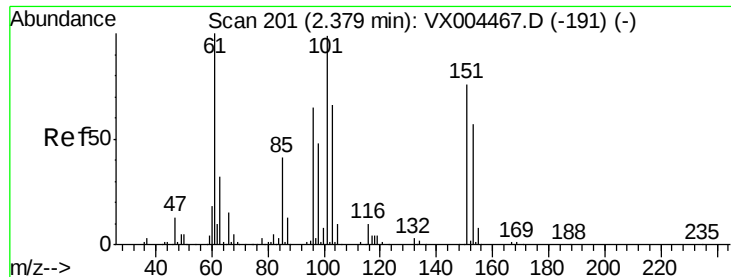


#8

Diethyl Ether  
Concen: 24.72 ug/l  
RT: 2.19 min Scan# 170  
Delta R.T. 0.01 min  
Lab File: VX004556.D  
Acq: 15 Sep 2018 01:50

Tgt Ion: 74 Resp: 41508  
Ion Ratio Lower Upper  
74 100  
45 105.0 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.00 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX004556.D

Acq: 15 Sep 2018 01:50

Instrument :

MSVOA\_X

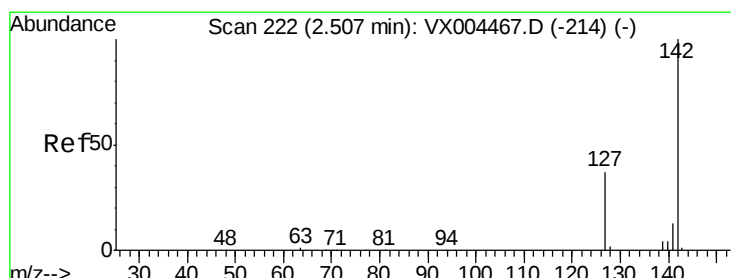
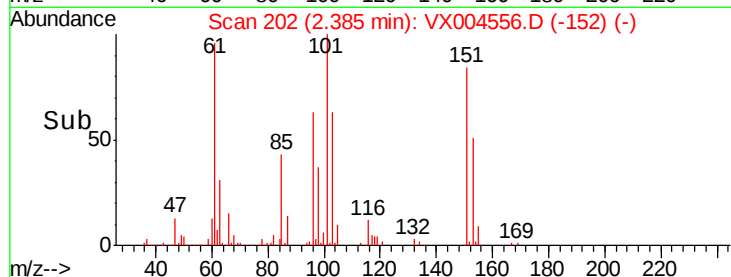
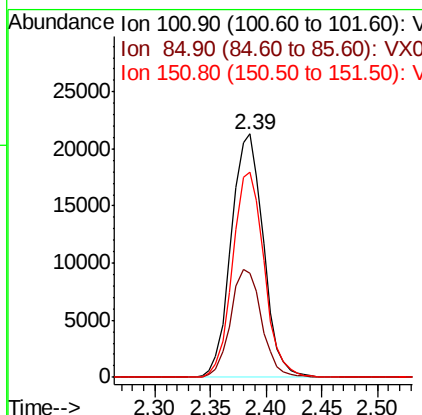
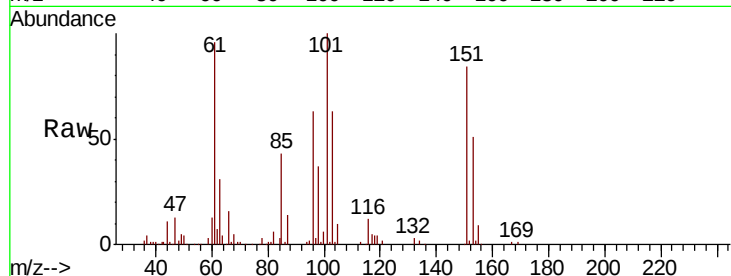
ClientSampleId :

VX0914WBS02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 42776 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 42.7  | 34.2  | 51.4  |
| 151       | 82.7  | 65.0  | 97.6  |

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#10

Methyl Iodide

Concen: 19.37 ug/l

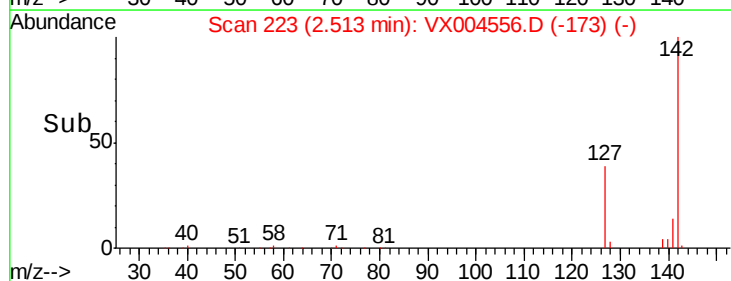
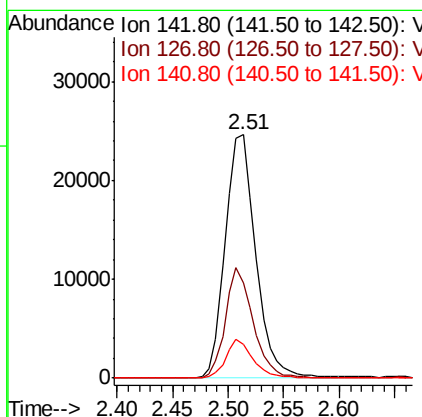
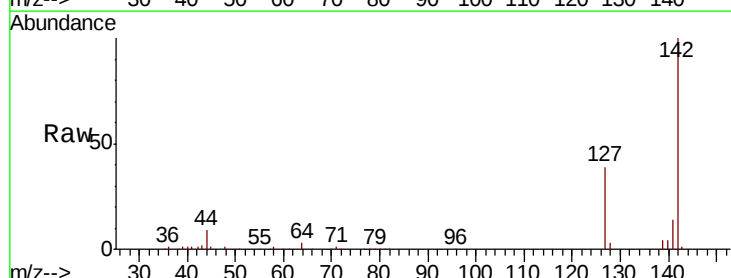
RT: 2.51 min Scan# 223

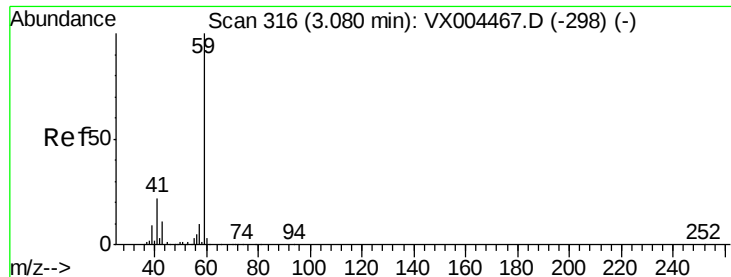
Delta R.T. 0.01 min

Lab File: VX004556.D

Acq: 15 Sep 2018 01:50

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 46927 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 41.3  | 33.8  | 50.6  |
| 141       | 14.0  | 11.4  | 17.0  |





#11

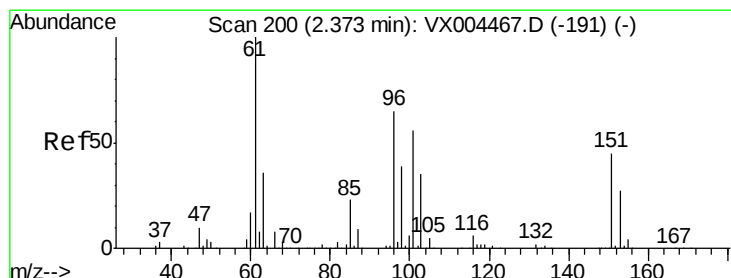
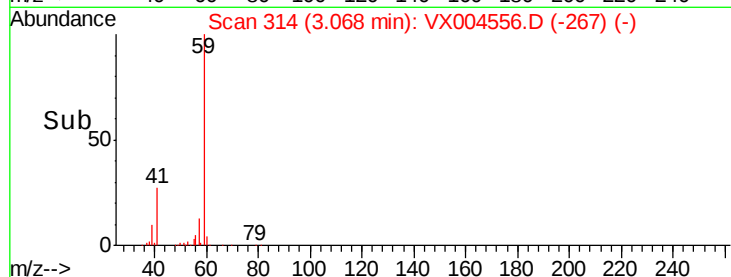
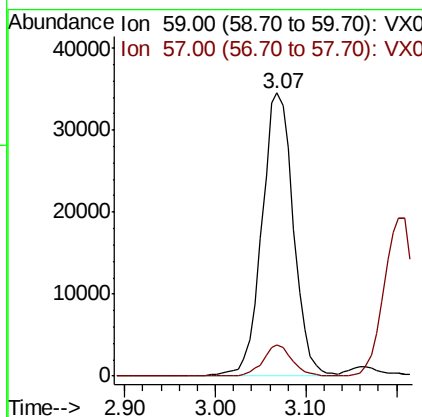
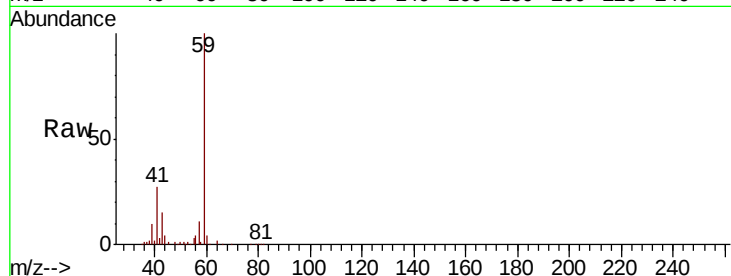
Tert butyl alcohol  
Concen: 126.47 ug/l  
RT: 3.07 min Scan# 314  
Delta R.T. -0.01 min  
Lab File: VX004556.D  
Acq: 15 Sep 2018 01:50

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0914WBS02

| Tot Ion   | 59   | Resp  | 83048 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 57        | 10.2 | 8.2   | 12.4  |

Manual Integrations  
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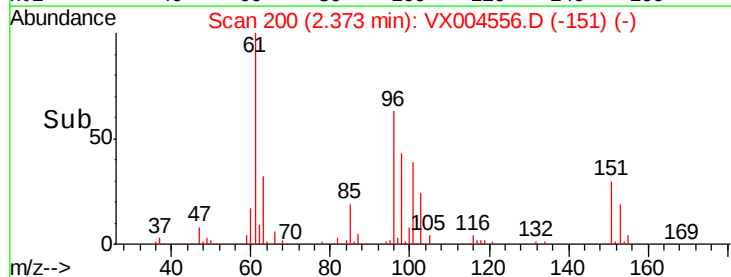
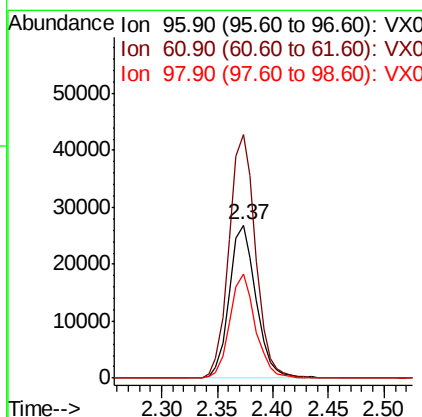
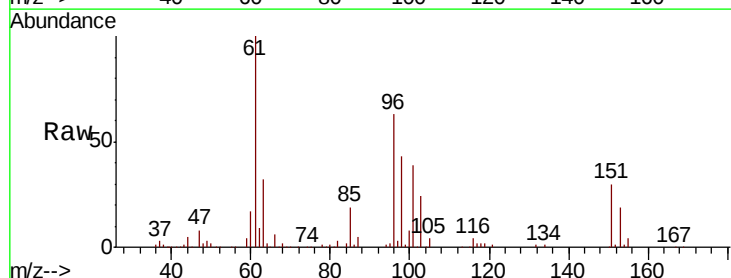
MMDadoda  
9/17/2018 5:09:29 PM

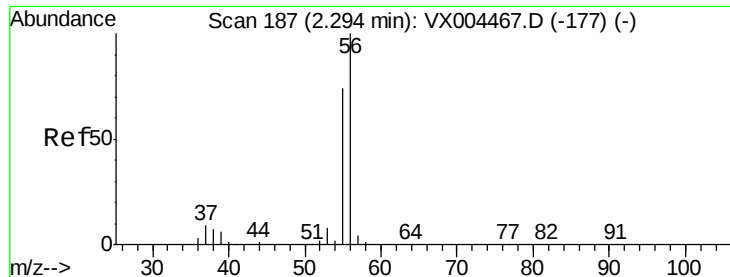


#12

1,1-Dichloroethene  
Concen: 20.06 ug/l  
RT: 2.37 min Scan# 200  
Delta R.T. 0.00 min  
Lab File: VX004556.D  
Acq: 15 Sep 2018 01:50

| Tgt Ion   | 96    | Resp  | 44742 |
|-----------|-------|-------|-------|
| Ion Ratio | 100   | Lower | Upper |
| 61        | 159.4 | 128.8 | 193.2 |
| 98        | 68.1  | 52.2  | 78.2  |





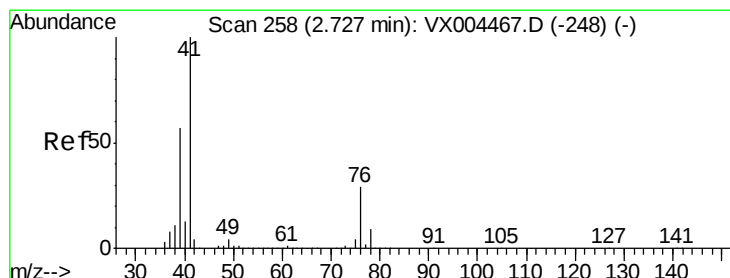
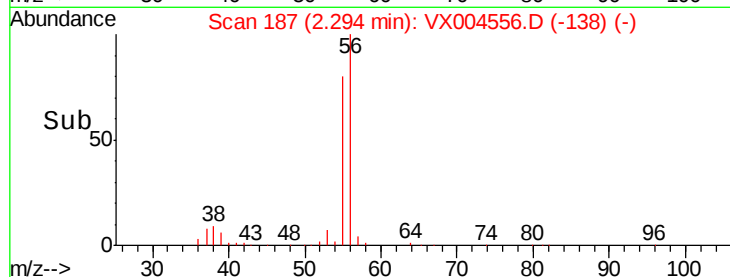
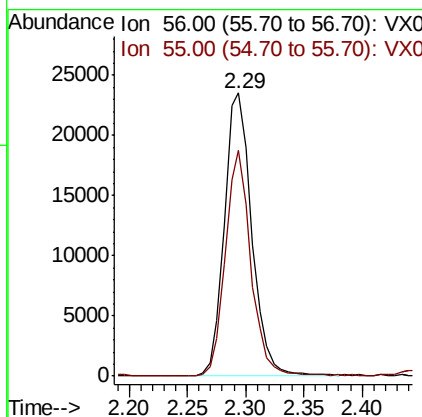
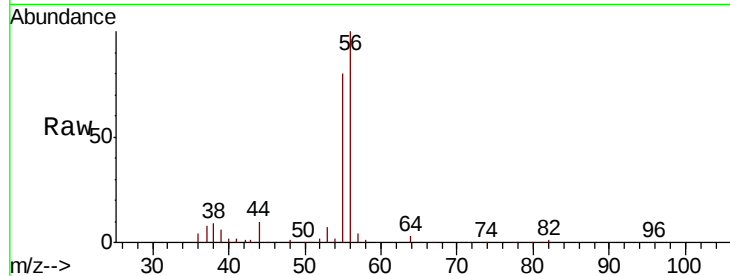
#13  
Acrolein  
Concen: 148.45 ug/l  
RT: 2.29 min Scan# 187  
Delta R.T. 0.00 min  
Lab File: VX004556.D  
Acq: 15 Sep 2018 01:50

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0914WBS02

| Tot Ion | 56  | 55   | Ratio | Lower | Upper |
|---------|-----|------|-------|-------|-------|
| 38480   | 100 | 73.7 |       | 54.7  | 82.1  |

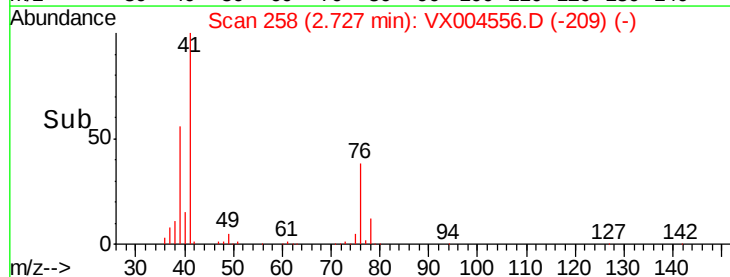
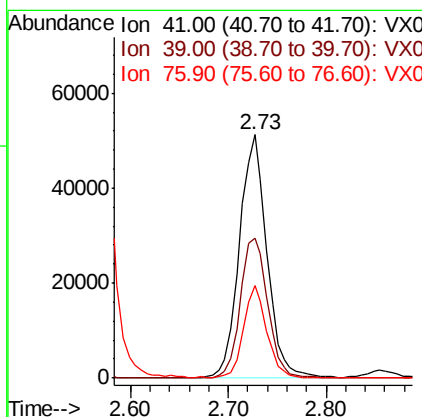
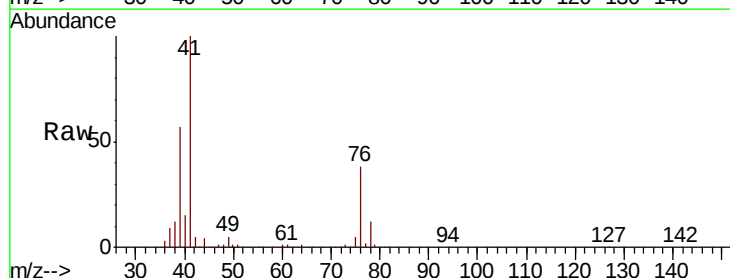
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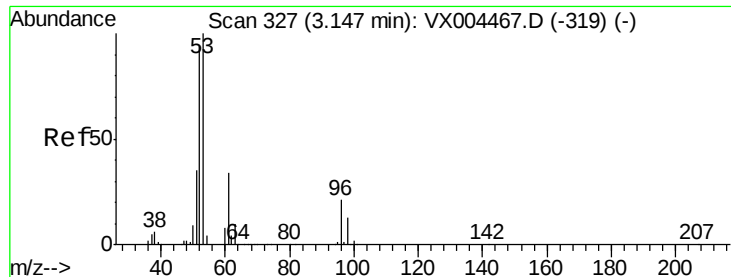
MMDadoda  
9/17/2018 5:09:29 PM



#14  
Allyl chloride  
Concen: 21.78 ug/l  
RT: 2.73 min Scan# 258  
Delta R.T. 0.00 min  
Lab File: VX004556.D  
Acq: 15 Sep 2018 01:50

| Tgt Ion | 41  | 39   | 76   | Ratio | Lower | Upper |
|---------|-----|------|------|-------|-------|-------|
| 99839   | 100 | 57.0 | 32.3 |       | 48.9  | 73.3  |
|         |     |      |      |       | 26.7  | 40.1  |





#15

Acrylonitrile

Concen: 129.52 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX004556.D

Acq: 15 Sep 2018 01:50

Instrument :

MSVOA\_X

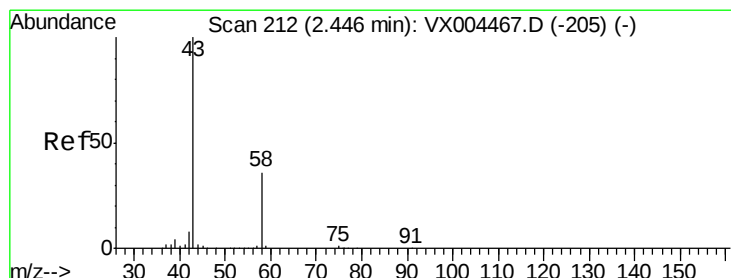
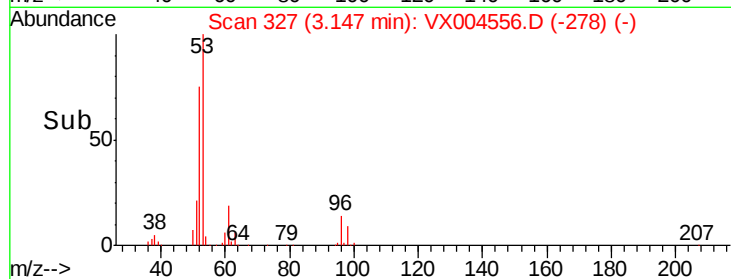
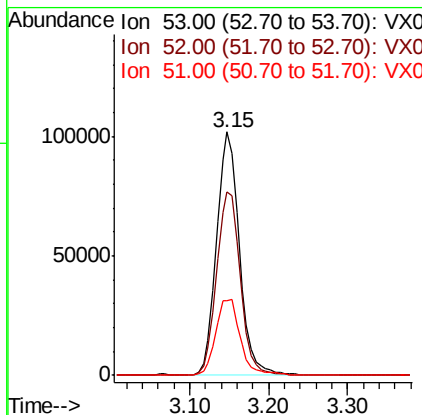
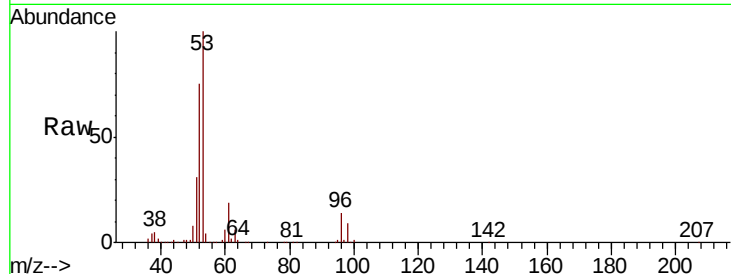
ClientSampled :

VX0914WBS02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 53    | Resp: | 204815 |
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 78.7  | 65.2  | 97.8   |
| 51        | 33.8  | 28.2  | 42.2   |

Manual Integrations  
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9/17/2018 5:09:29 PM



#16

Acetone

Concen: 115.35 ug/l

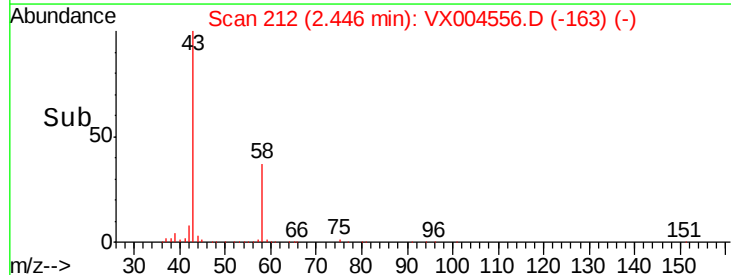
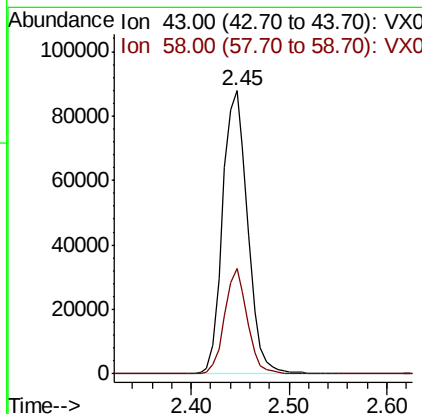
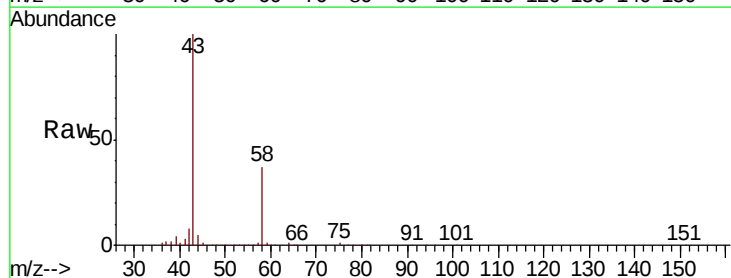
RT: 2.45 min Scan# 212

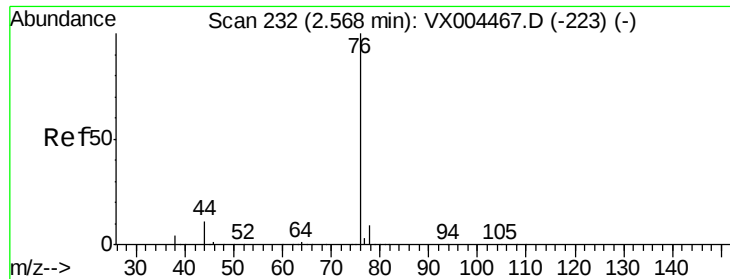
Delta R.T. 0.00 min

Lab File: VX004556.D

Acq: 15 Sep 2018 01:50

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 154927 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 37.3  | 26.2  | 39.4   |





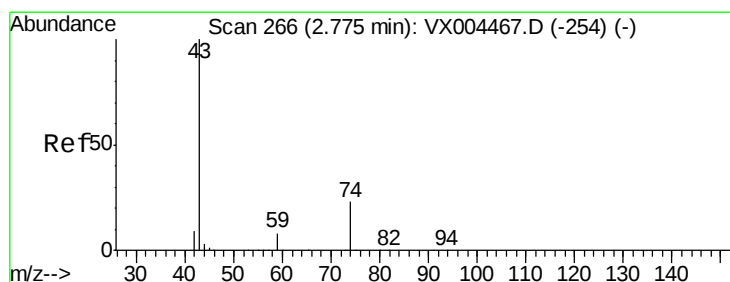
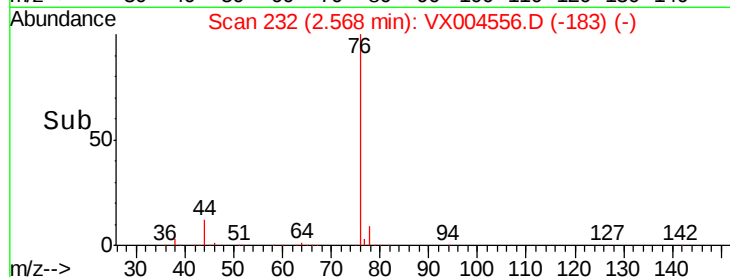
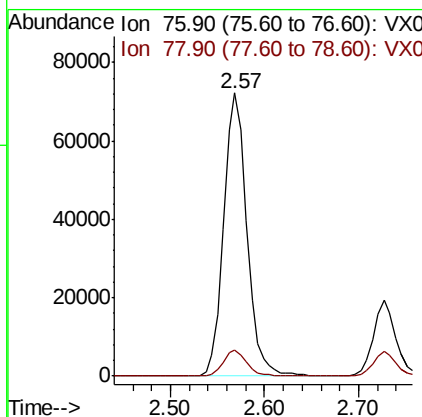
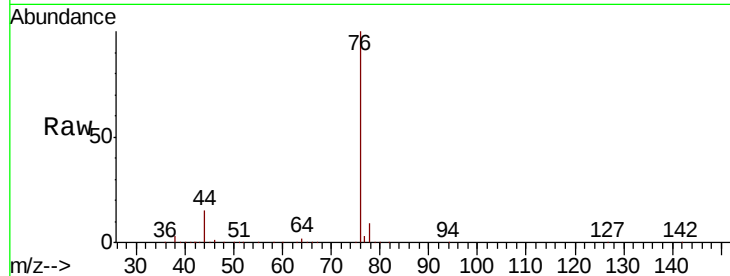
#17  
Carbon Disulfide  
Concen: 19.20 ug/l  
RT: 2.57 min Scan# 232  
Delta R.T. 0.00 min  
Lab File: VX004556.D  
Acq: 15 Sep 2018 01:50

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0914WBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.2   | 7.0   | 10.6  |

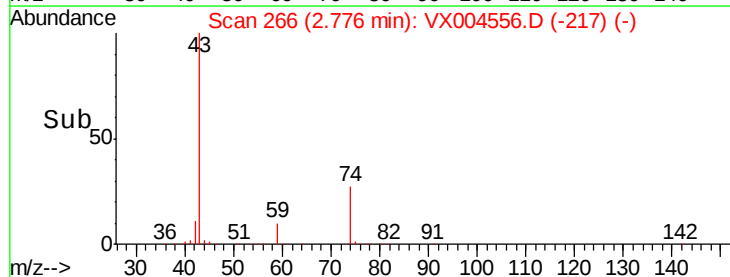
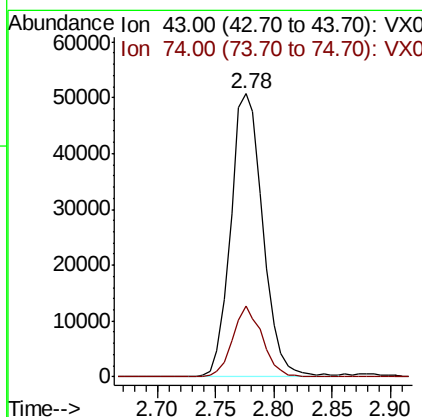
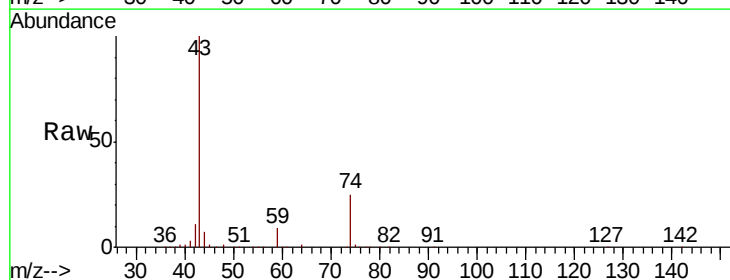
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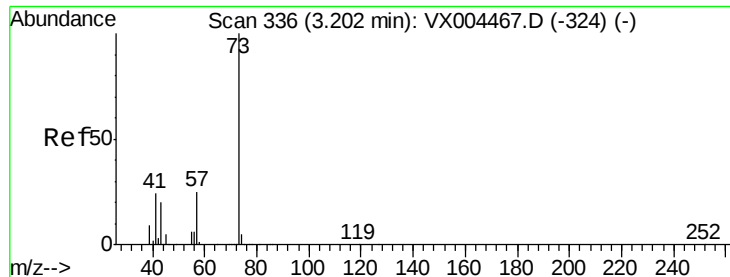
MMDadoda  
9/17/2018 5:09:29 PM



#18  
Methyl Acetate  
Concen: 25.71 ug/l  
RT: 2.78 min Scan# 266  
Delta R.T. 0.00 min  
Lab File: VX004556.D  
Acq: 15 Sep 2018 01:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 23.5  | 19.4  | 29.2  |





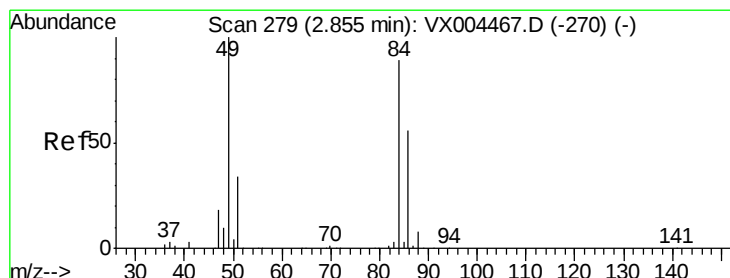
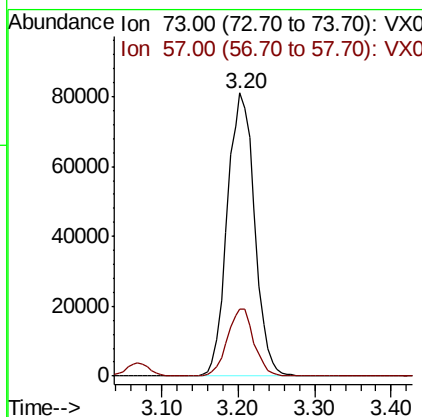
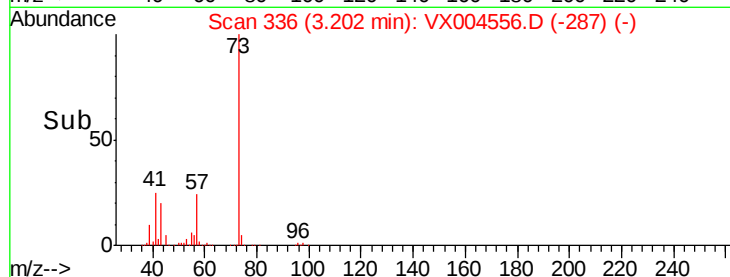
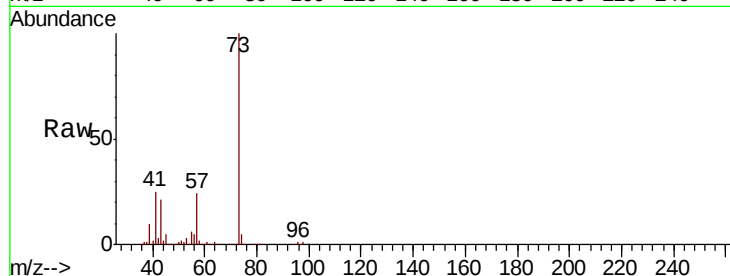
#19  
Methvl tert-butvl Ether  
Concen: 25.48 ug/l  
RT: 3.20 min Scan# 336  
Delta R.T. 0.00 min  
Lab File: VX004556.D  
Acq: 15 Sep 2018 01:50

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0914WBS02

Tot Ion: 73 Resp: 199362  
Ion Ratio Lower Upper  
73 100  
57 23.8 17.1 25.7

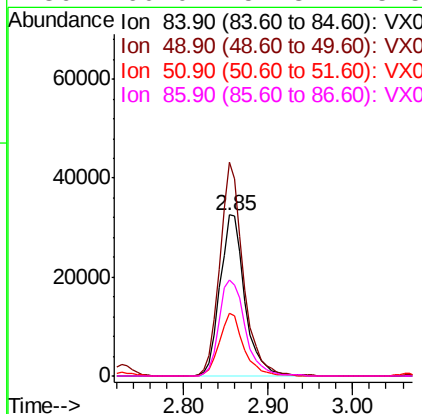
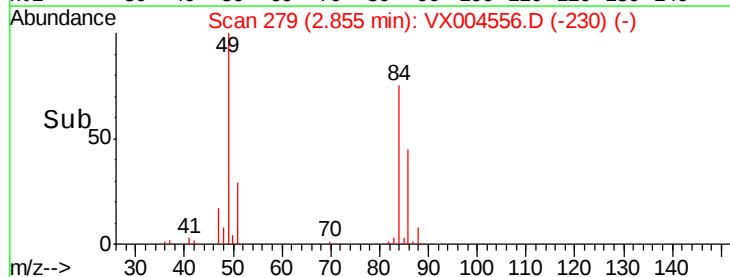
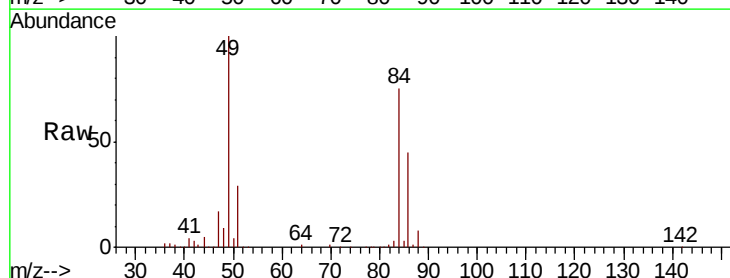
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#20  
Methylene Chloride  
Concen: 24.06 ug/l  
RT: 2.85 min Scan# 279  
Delta R.T. 0.00 min  
Lab File: VX004556.D  
Acq: 15 Sep 2018 01:50

Tgt Ion: 84 Resp: 66305  
Ion Ratio Lower Upper  
84 100  
49 132.7 101.2 151.8  
51 38.7 29.5 44.3  
86 60.0 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 21.92 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX004556.D

Acq: 15 Sep 2018 01:50

Instrument :

MSVOA\_X

ClientSampleId :

VX0914WBS02

Tot Ion: 96 Resp: 54015

Ion Ratio Lower Upper

96 100

61 131.0 113.8 170.6

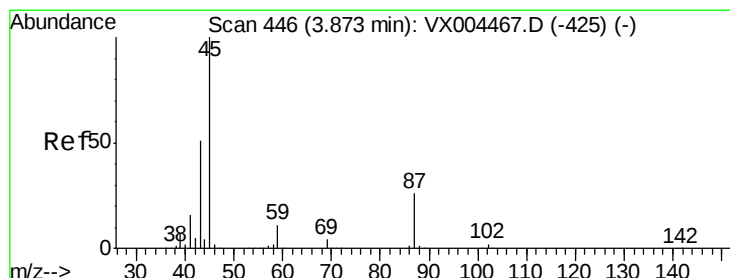
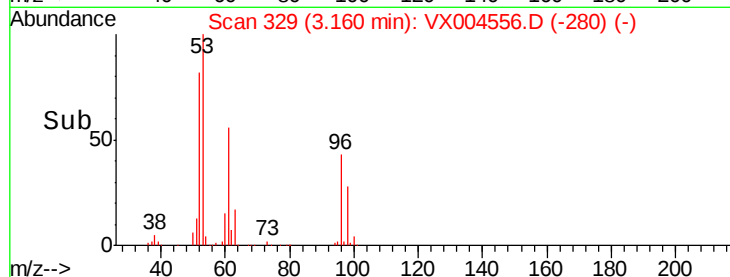
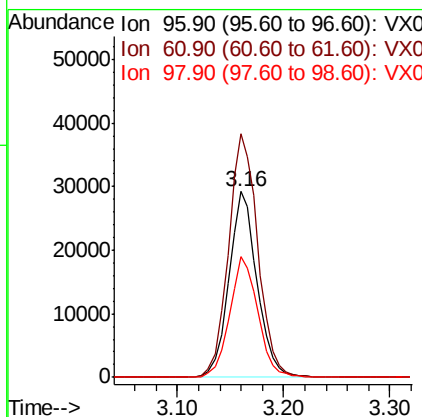
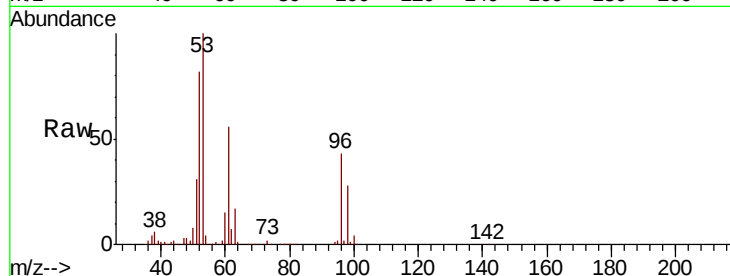
98 64.9 51.8 77.8

Manual Integrations

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#22

Diisopropyl ether

Concen: 24.59 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX004556.D

Acq: 15 Sep 2018 01:50

Tgt Ion: 45 Resp: 203064

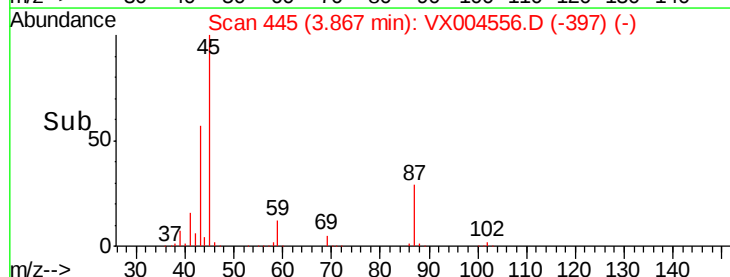
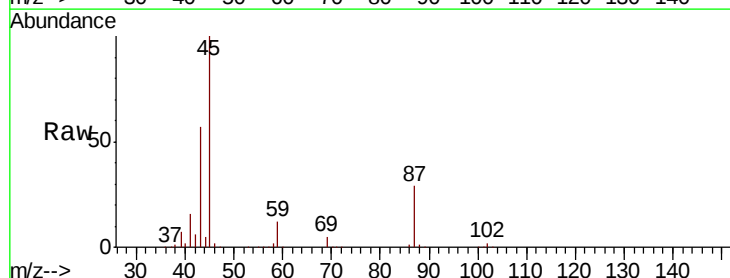
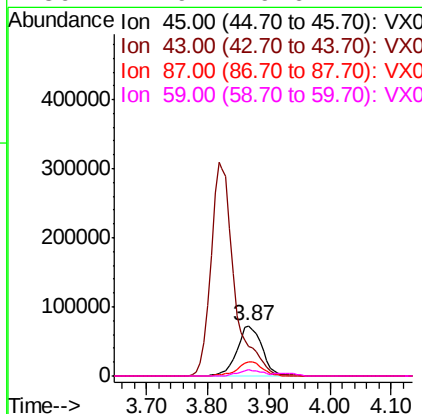
Ion Ratio Lower Upper

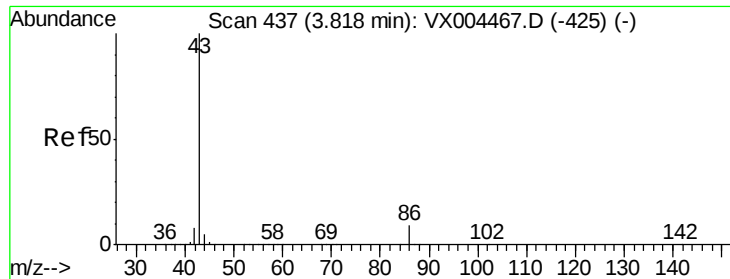
45 100

43 57.1 42.8 64.2

87 29.0 22.6 34.0

59 11.9 9.6 14.4





#23

Vinyl Acetate

Concen: 124.91 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX004556.D

Acq: 15 Sep 2018 01:50

Instrument :

MSVOA\_X

ClientSampleId :

VX0914WBS02

Tot Ion: 43 Resp: 834690

Ion Ratio Lower Upper

43 100

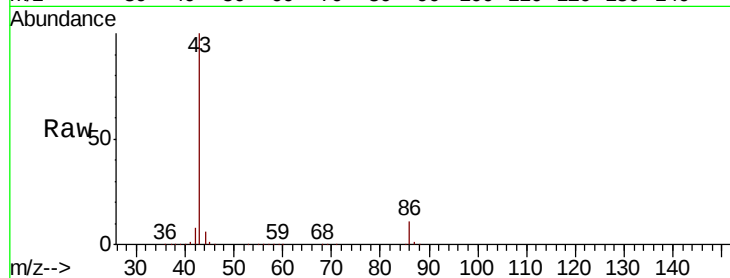
86 10.9 8.9 13.3

Manual Integrations

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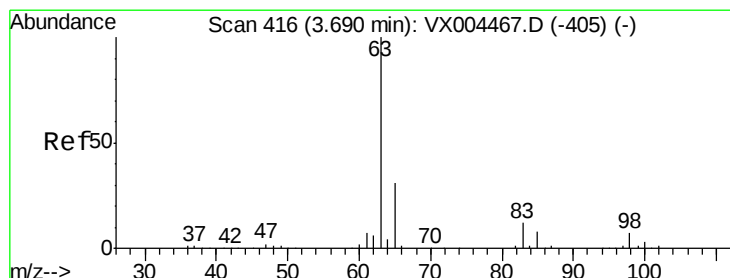
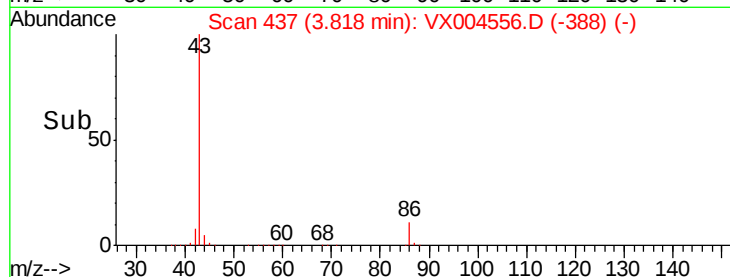
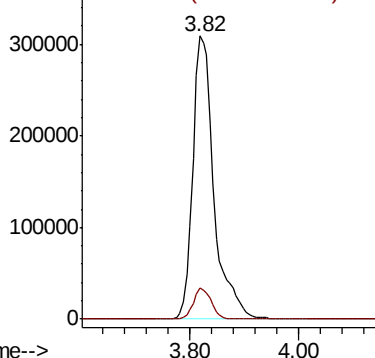
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 22.51 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX004556.D

Acq: 15 Sep 2018 01:50

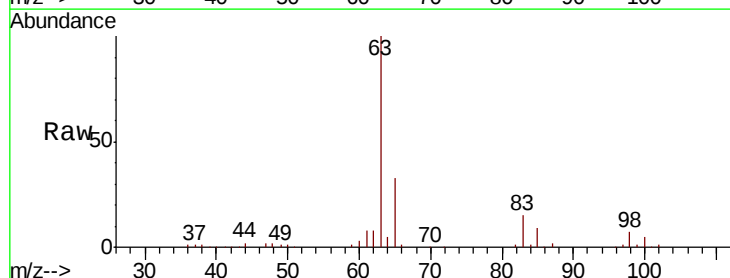
Tgt Ion: 63 Resp: 104919

Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.4

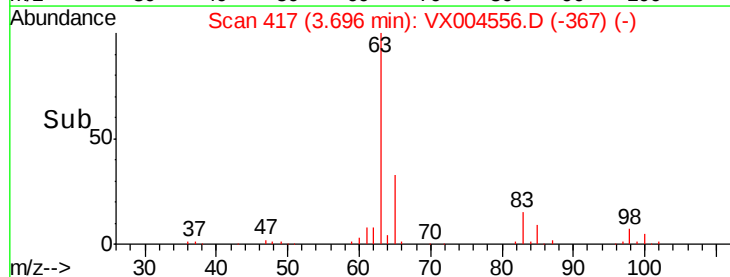
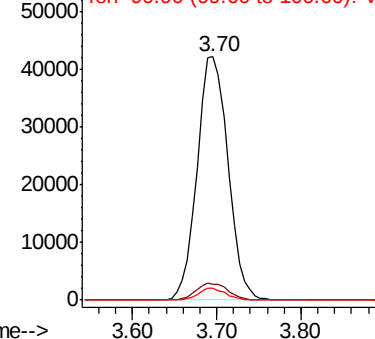
100 5.0 2.4 7.1

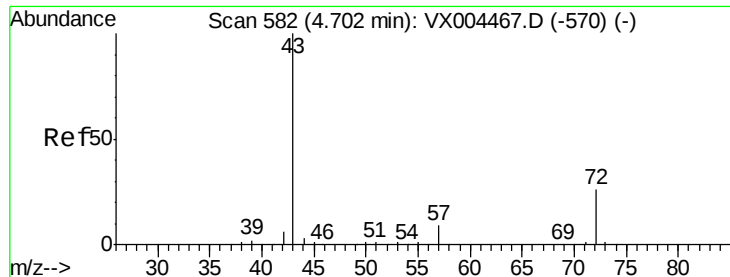


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 114.94 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX004556.D

Acq: 15 Sep 2018 01:50

Instrument :

MSVOA\_X

ClientSampleId :

VX0914WBS02

Tot Ion: 43 Resp: 245709

Ion Ratio Lower Upper

43 100

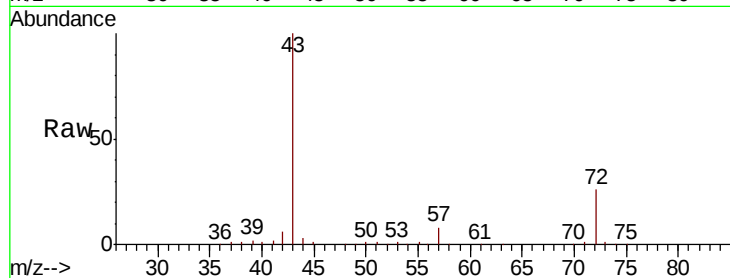
72 26.5 22.0 33.0

Manual Integrations

APPROVED

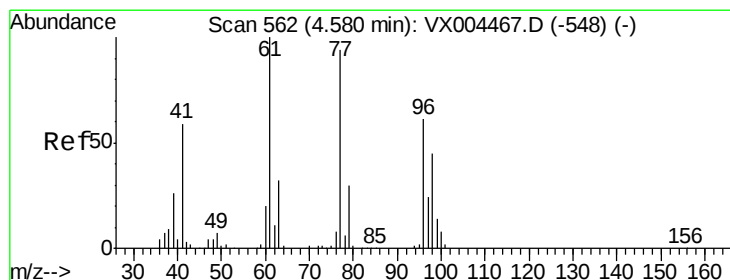
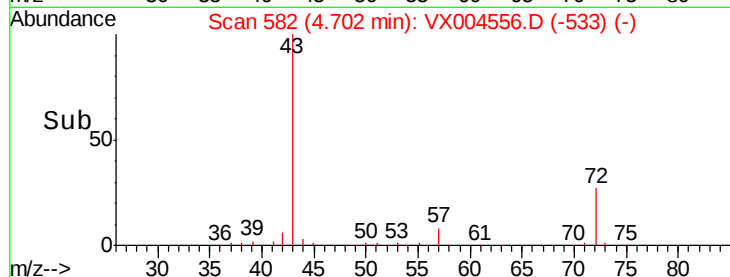
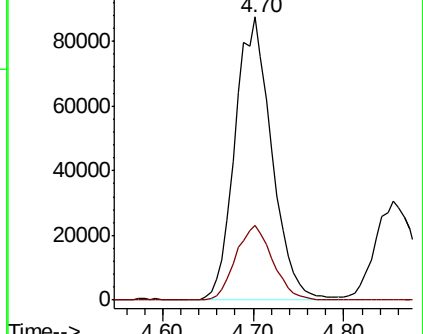
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 17.26 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX004556.D

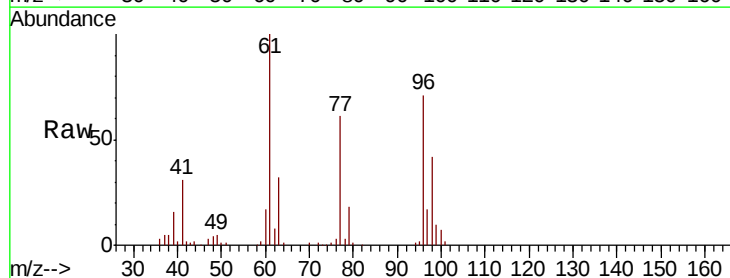
Acq: 15 Sep 2018 01:50

Tgt Ion: 77 Resp: 55253

Ion Ratio Lower Upper

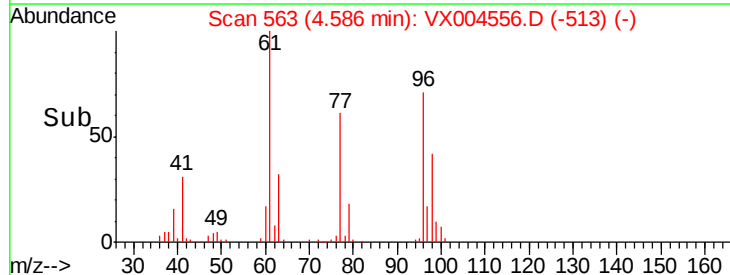
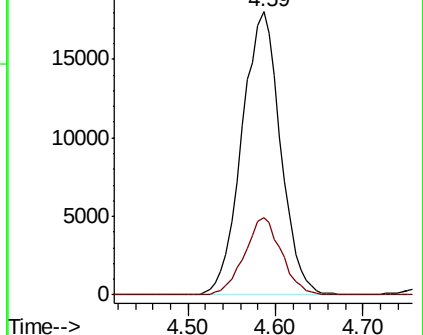
77 100

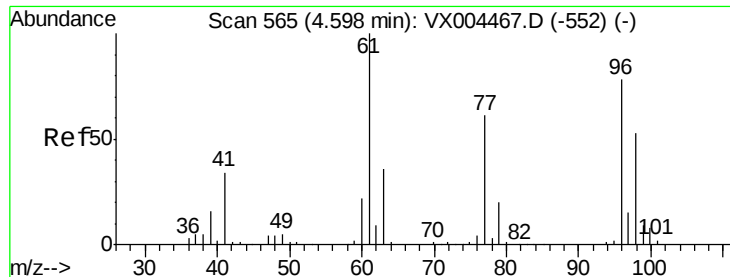
97 26.2 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

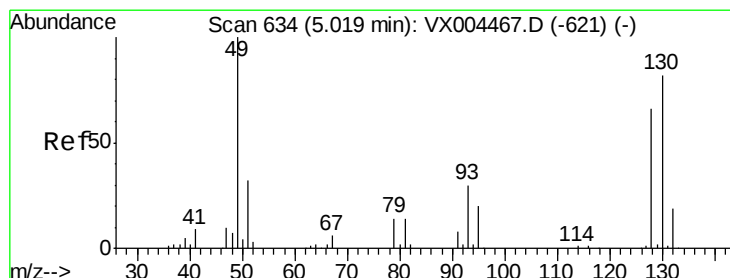
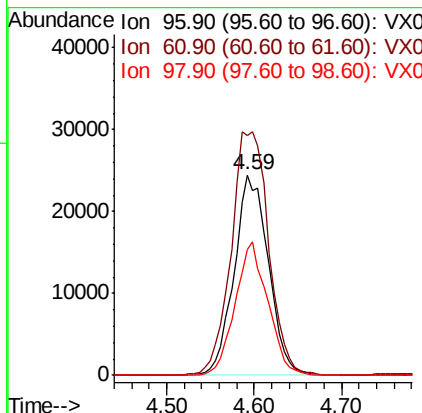
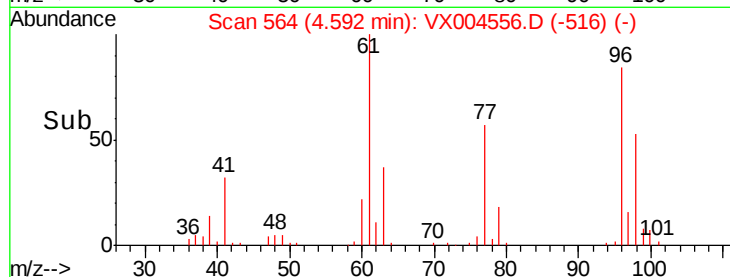
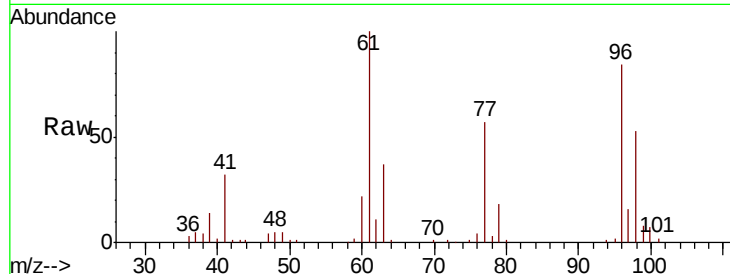
cis-1,2-Dichloroethene  
Concen: 24.13 ug/l  
RT: 4.59 min Scan# 564  
Delta R.T. -0.01 min  
Lab File: VX004556.D  
Acq: 15 Sep 2018 01:50

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0914WBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 133.7 | 0.0   | 282.6 |
| 98      | 64.0  | 0.0   | 130.2 |

Manual Integrations  
APPROVED

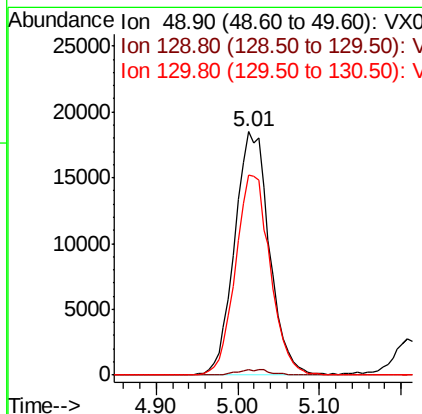
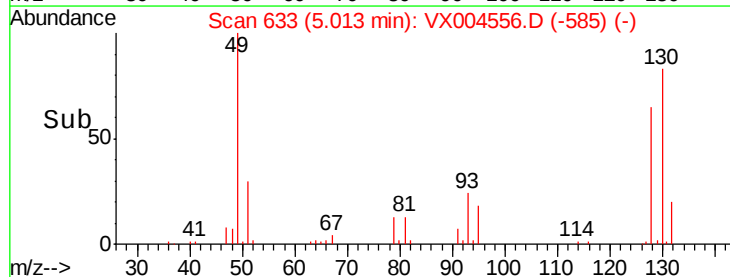
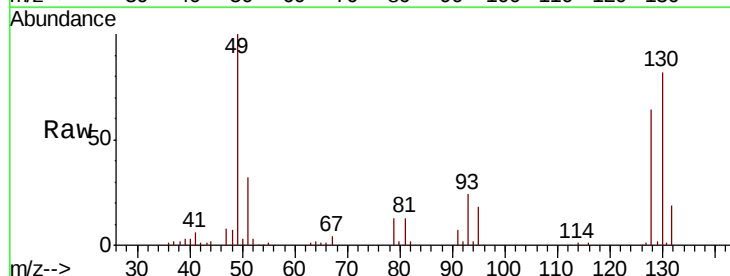
MMDadoda  
9/17/2018 5:09:29 PM

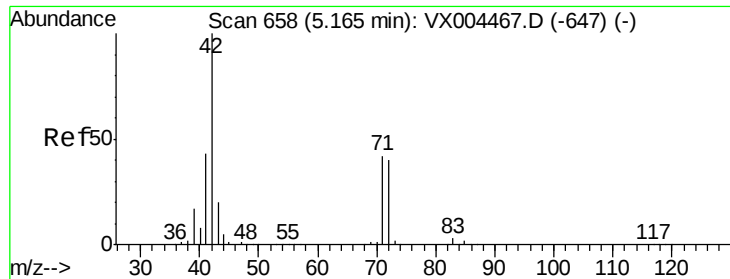


#28

Bromochloromethane  
Concen: 25.65 ug/l  
RT: 5.01 min Scan# 633  
Delta R.T. -0.01 min  
Lab File: VX004556.D  
Acq: 15 Sep 2018 01:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.1   | 0.0   | 4.2   |
| 130     | 82.0  | 67.5  | 101.3 |





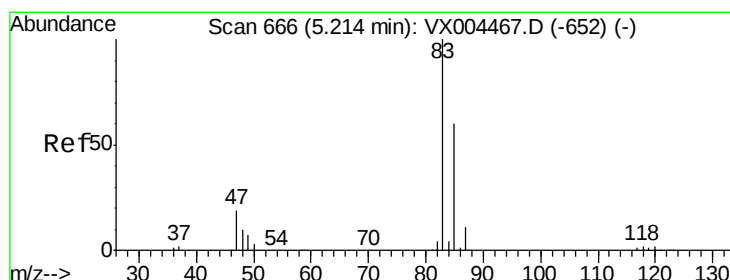
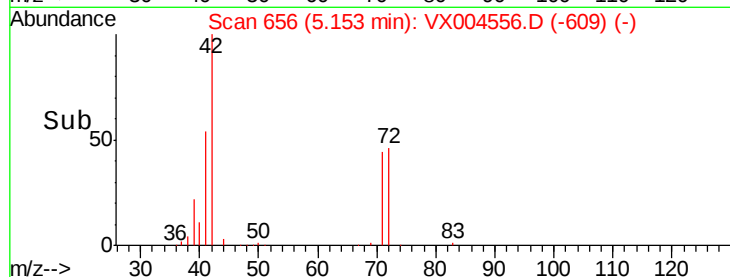
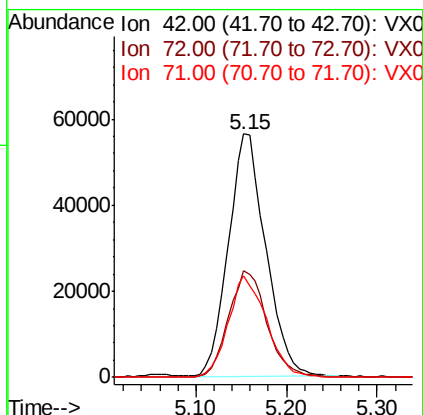
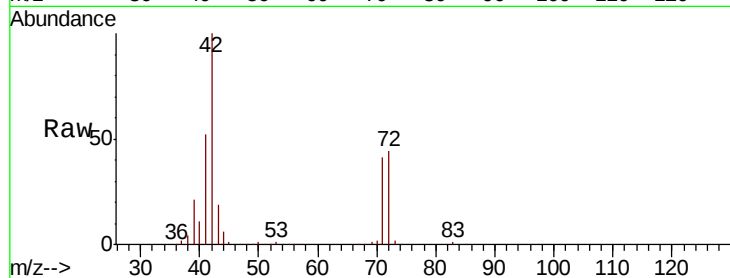
#29  
Tetrahydrofuran  
Concen: 125.33 ug/l  
RT: 5.15 min Scan# 656  
Delta R.T. -0.01 min  
Lab File: VX004556.D  
Acq: 15 Sep 2018 01:50

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0914WBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 45.2  | 37.4  | 56.0  |
| 71      | 42.4  | 34.5  | 51.7  |

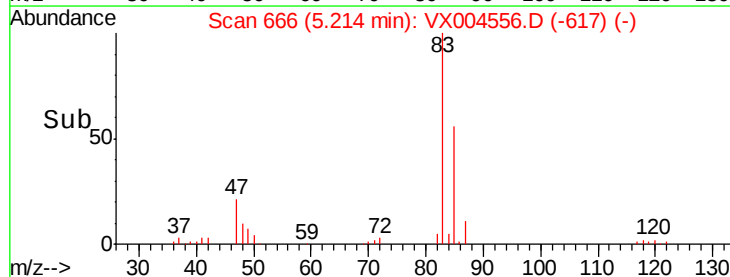
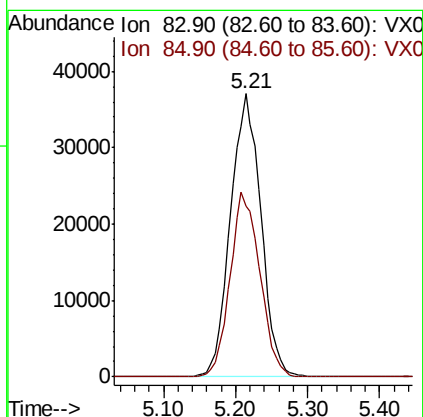
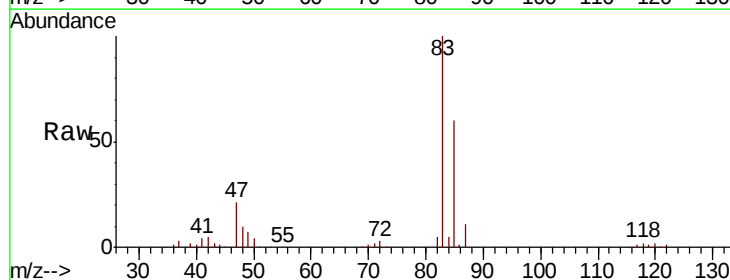
Manual Integrations  
APPROVED

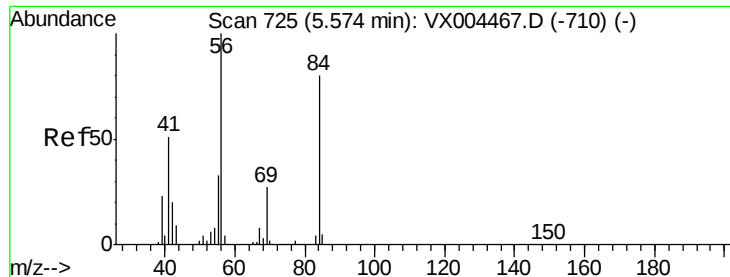
MMDadoda  
9/17/2018 5:09:29 PM



#30  
Chloroform  
Concen: 23.89 ug/l  
RT: 5.21 min Scan# 666  
Delta R.T. 0.00 min  
Lab File: VX004556.D  
Acq: 15 Sep 2018 01:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 60.5  | 52.6  | 79.0  |





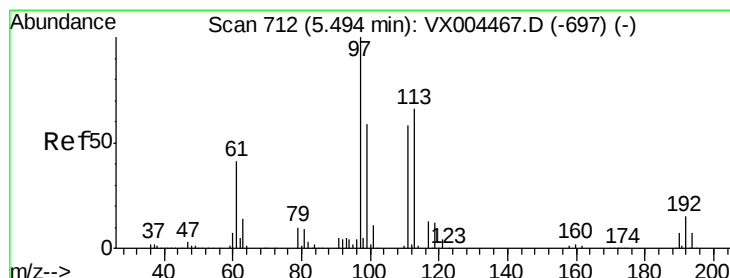
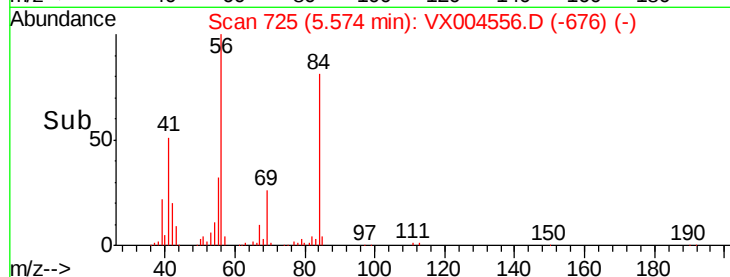
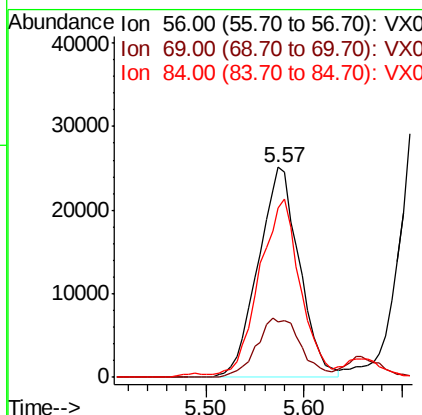
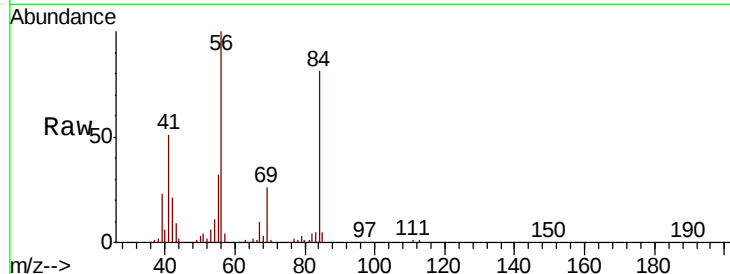
#31  
Cyclohexane  
Concen: 18.49 ug/l  
RT: 5.57 min Scan# 725  
Delta R.T. 0.00 min  
Lab File: VX004556.D  
Acq: 15 Sep 2018 01:50

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0914WBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 26.4  | 25.4  | 38.2  |
| 84      | 79.5  | 71.4  | 107.2 |

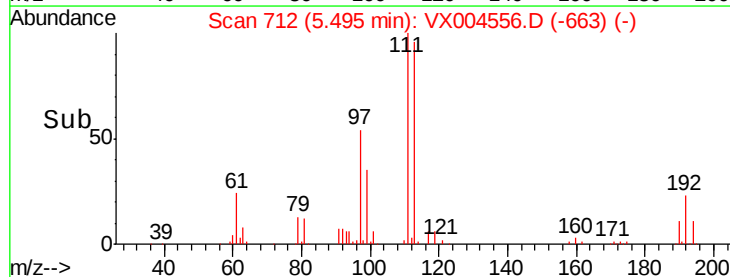
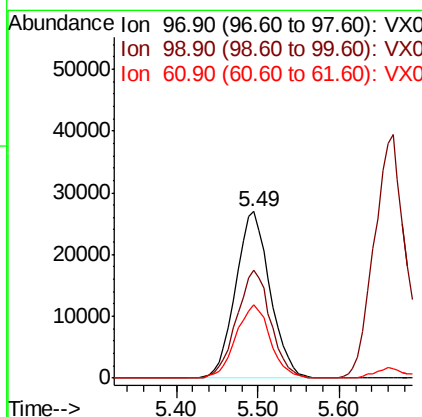
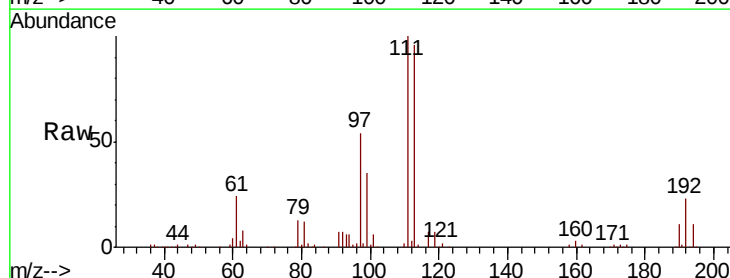
Manual Integrations  
APPROVED

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#32  
1,1,1-Trichloroethane  
Concen: 21.55 ug/l  
RT: 5.49 min Scan# 712  
Delta R.T. 0.00 min  
Lab File: VX004556.D  
Acq: 15 Sep 2018 01:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 64.1  | 52.0  | 78.0  |
| 61      | 43.9  | 34.9  | 52.3  |





#33

1,2-Dichloroethane-d4

Concen: 60.46 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004556.D

Acq: 15 Sep 2018 01:50

Tot Ion: 65 Resp: 166372

Ion Ratio Lower Upper

65 100

67 55.5 0.0 106.8

Instrument :

MSVOA\_X

ClientSampleId :

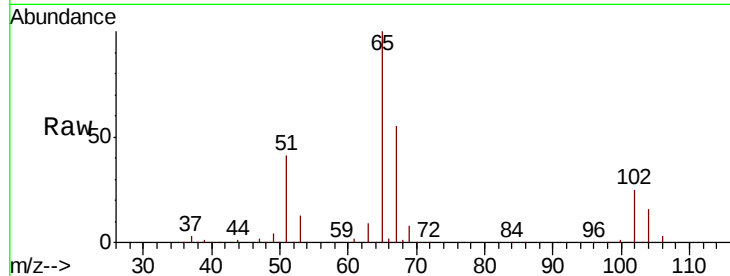
VX0914WBS02

Manual Integrations

APPROVED

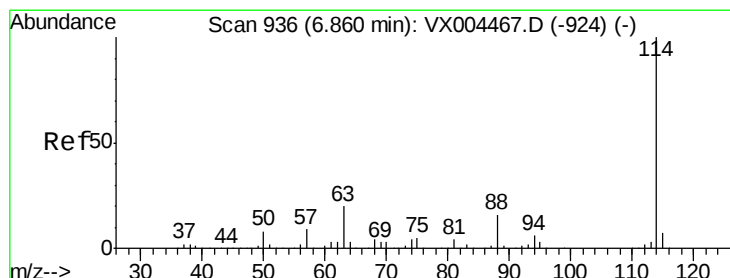
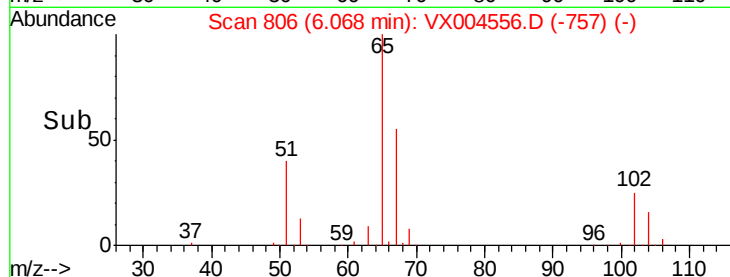
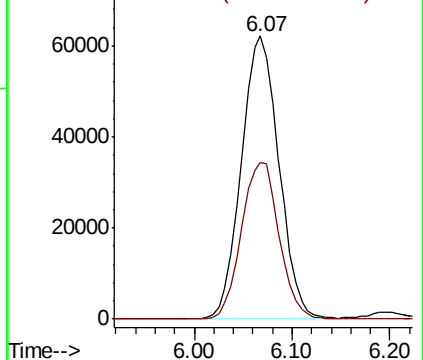
MMDadoda

9/17/2018 5:09:29 PM



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX004556.D

Acq: 15 Sep 2018 01:50

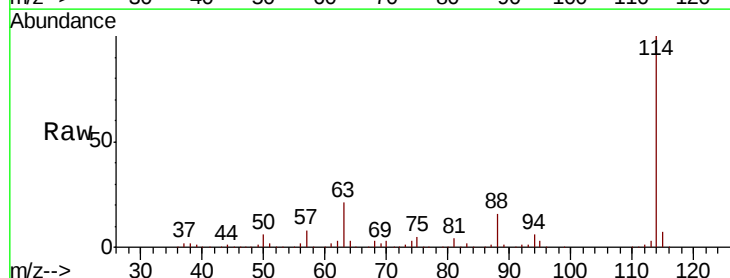
Tgt Ion: 114 Resp: 298846

Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.0

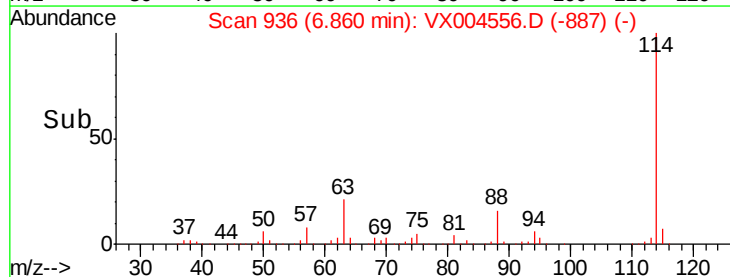
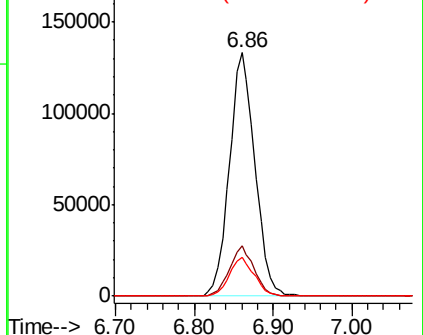
88 16.0 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





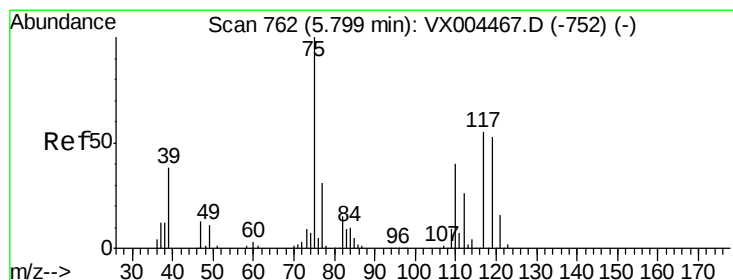
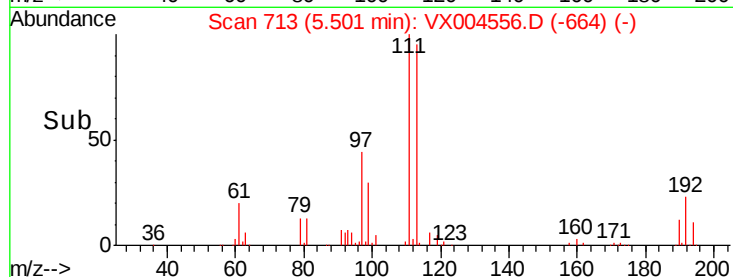
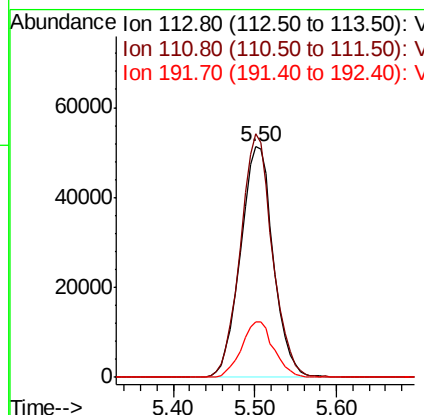
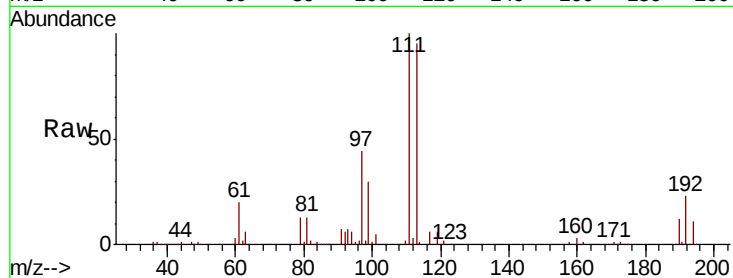
#35  
 Dibromofluoromethane  
 Concen: 52.42 ug/l  
 RT: 5.50 min Scan# 713  
 Delta R.T. 0.00 min  
 Lab File: VX004556.D  
 Acq: 15 Sep 2018 01:50

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0914WBS02

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 143367 |       |       |
| 111     | 102.5 | 82.4   | 123.6 |       |
| 192     | 23.6  | 19.4   | 29.2  |       |

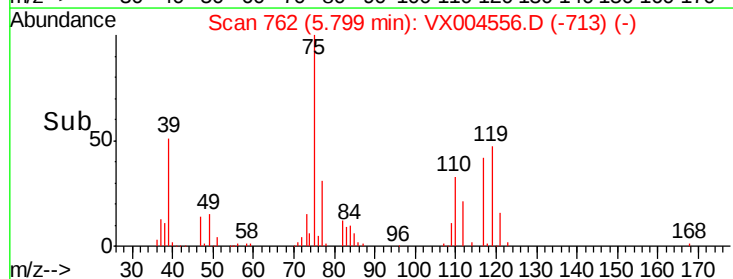
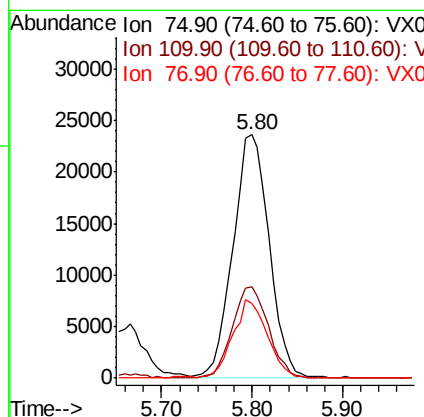
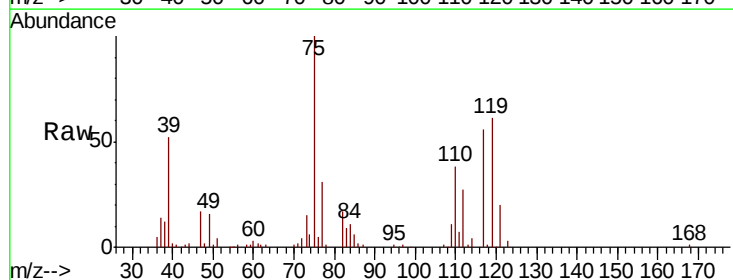
Manual Integrations  
 APPROVED

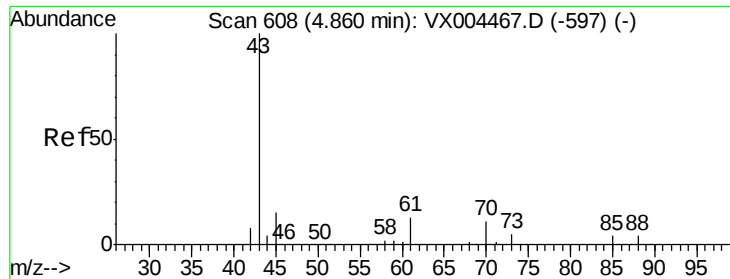
MMDadoda  
 9/17/2018 5:09:29 PM



#36  
 1,1-Dichloropropene  
 Concen: 18.09 ug/l  
 RT: 5.80 min Scan# 762  
 Delta R.T. 0.00 min  
 Lab File: VX004556.D  
 Acq: 15 Sep 2018 01:50

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 65646 |       |       |
| 110     | 37.2  | 18.0  | 54.0  |       |
| 77      | 30.4  | 24.6  | 36.8  |       |





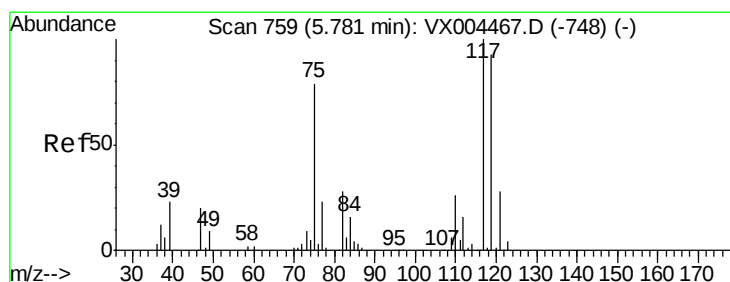
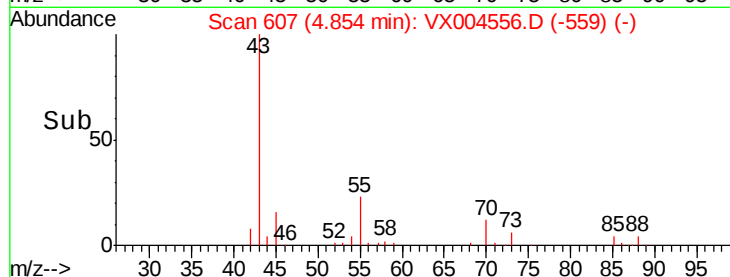
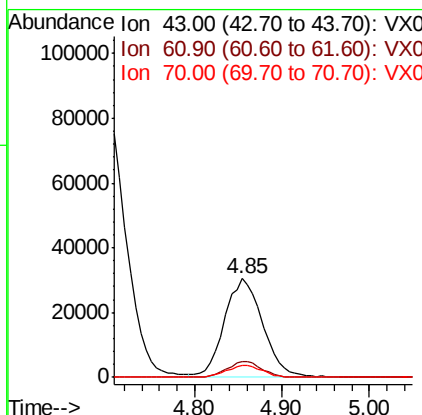
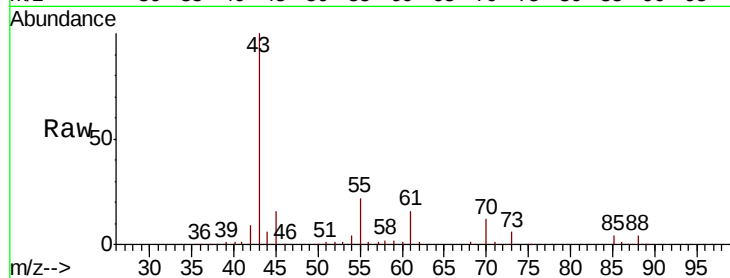
#37  
Ethyl Acetate  
Concen: 22.32 ug/l  
RT: 4.85 min Scan# 607  
Delta R.T. -0.01 min  
Lab File: VX004556.D  
Acq: 15 Sep 2018 01:50

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0914WBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 15.0  | 11.5  | 17.3  |
| 70      | 11.6  | 9.0   | 13.6  |

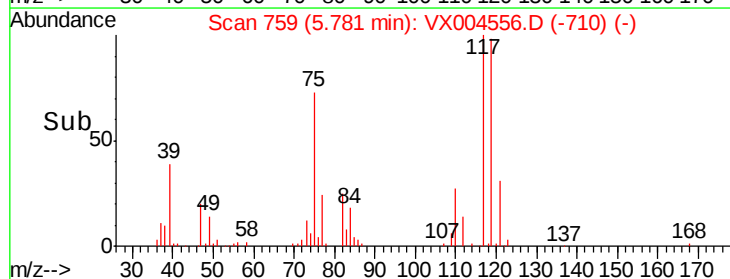
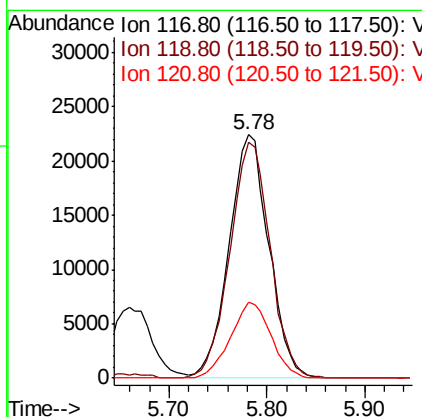
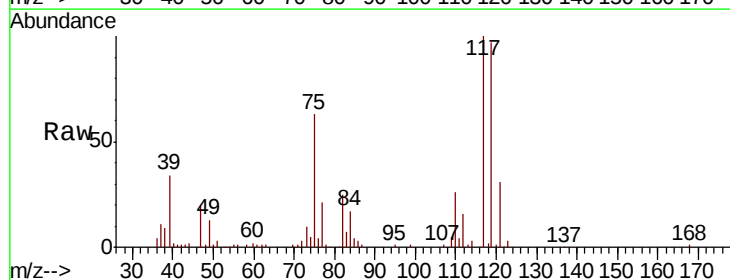
Manual Integrations  
APPROVED

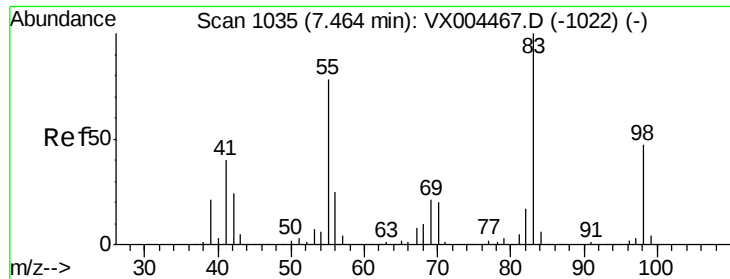
MMDadoda  
9/17/2018 5:09:29 PM



#38  
Carbon Tetrachloride  
Concen: 17.84 ug/l  
RT: 5.78 min Scan# 759  
Delta R.T. 0.00 min  
Lab File: VX004556.D  
Acq: 15 Sep 2018 01:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 97.0  | 78.8  | 118.2 |
| 121     | 31.0  | 24.9  | 37.3  |





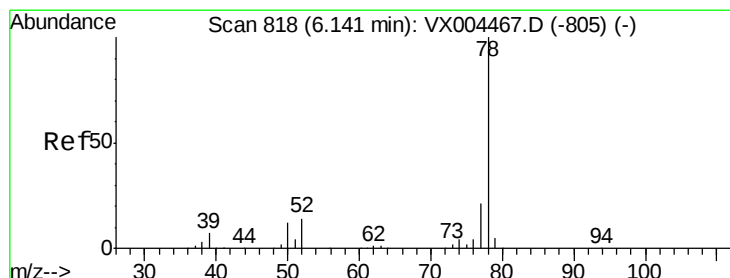
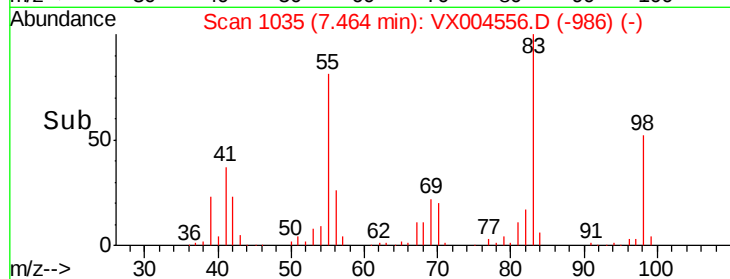
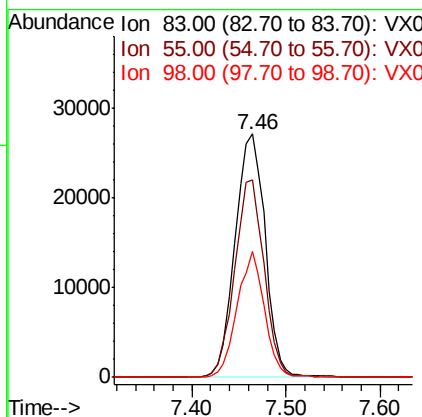
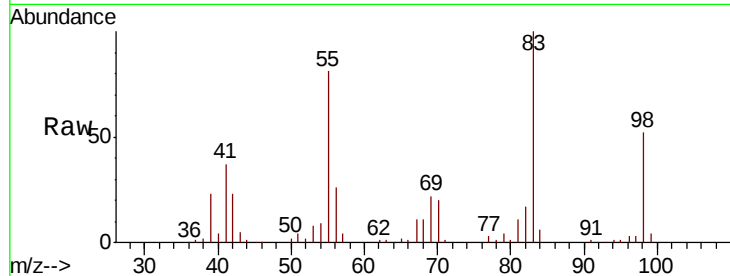
#39  
Methvlcvclohexane  
Concen: 16.03 ug/l  
RT: 7.46 min Scan# 1035  
Delta R.T. 0.00 min  
Lab File: VX004556.D  
Acq: 15 Sep 2018 01:50

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0914WBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 80.9  | 61.0  | 91.4  |
| 98      | 51.7  | 39.6  | 59.4  |

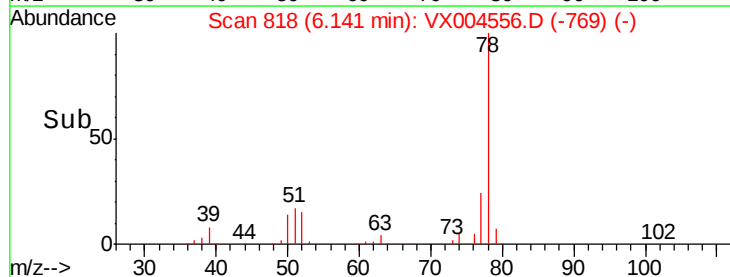
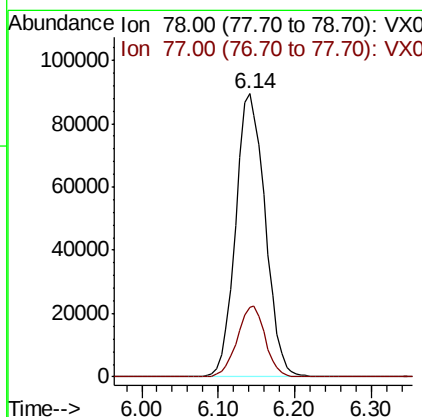
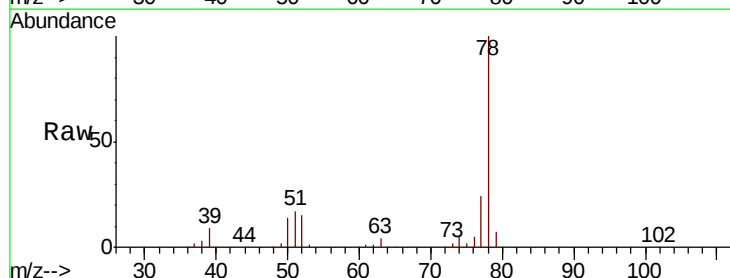
Manual Integrations  
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#40  
Benzene  
Concen: 22.27 ug/l  
RT: 6.14 min Scan# 818  
Delta R.T. 0.00 min  
Lab File: VX004556.D  
Acq: 15 Sep 2018 01:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 24.4  | 19.0  | 28.4  |





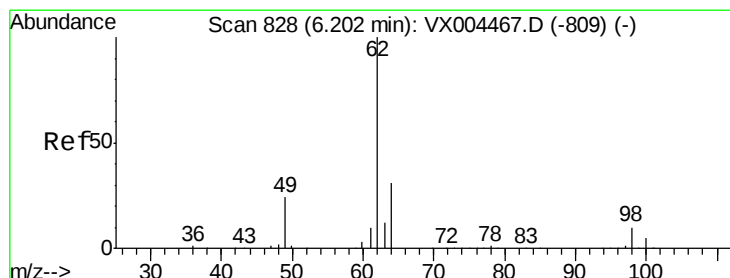
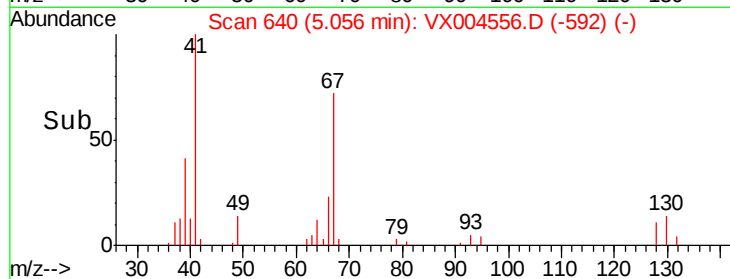
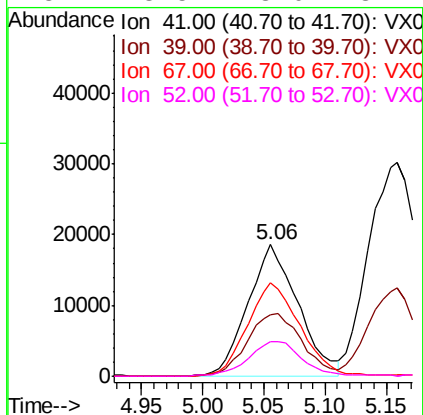
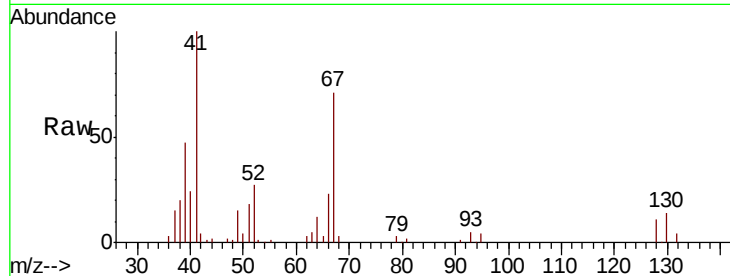
#41  
Methacrylonitrile  
Concen: 23.45 ug/l  
RT: 5.06 min Scan# 640  
Delta R.T. -0.01 min  
Lab File: VX004556.D  
Acq: 15 Sep 2018 01:50

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0914WBS02

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 51.9 | 42.4  | 63.6  |       |
| 67      | 73.8 | 59.2  | 88.8  |       |
| 52      | 28.5 | 23.0  | 34.4  |       |

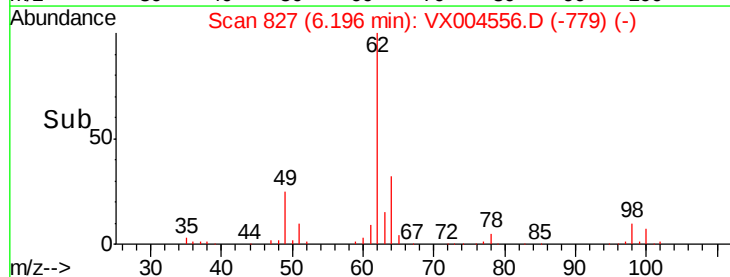
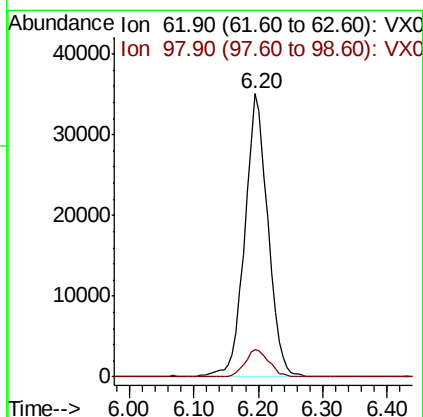
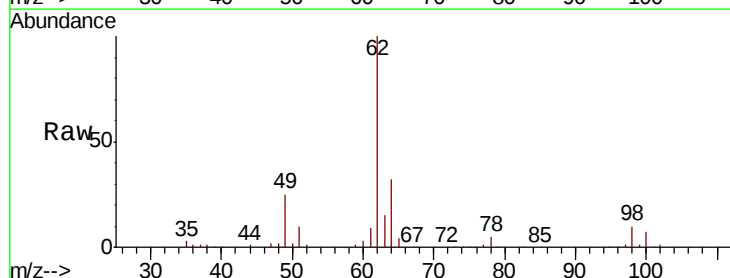
Manual Integrations  
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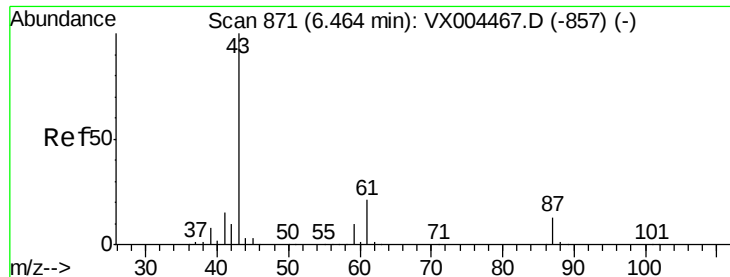
MMDadoda  
9/17/2018 5:09:29 PM



#42  
1,2-Dichloroethane  
Concen: 24.02 ug/l  
RT: 6.20 min Scan# 827  
Delta R.T. -0.01 min  
Lab File: VX004556.D  
Acq: 15 Sep 2018 01:50

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 62      | 100  |       |       |       |
| 98      | 10.0 | 0.0   | 20.6  |       |





#43

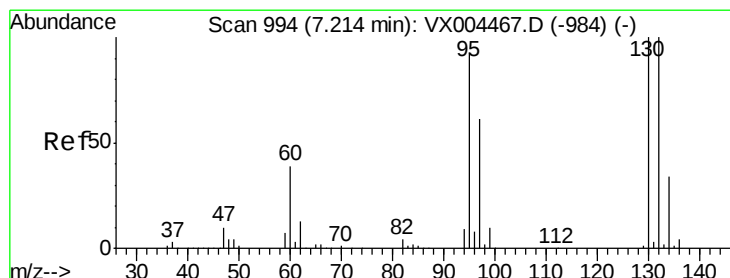
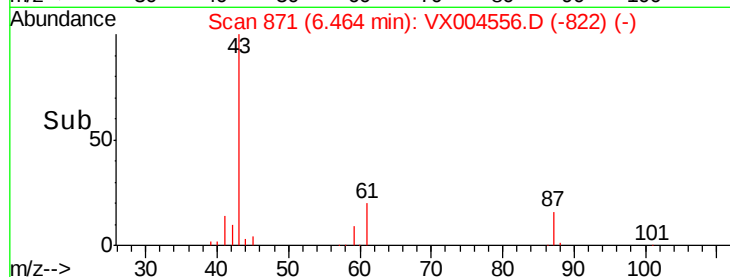
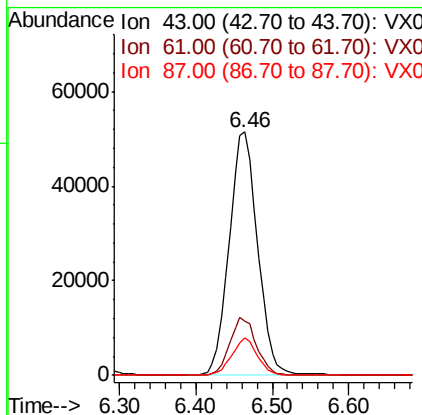
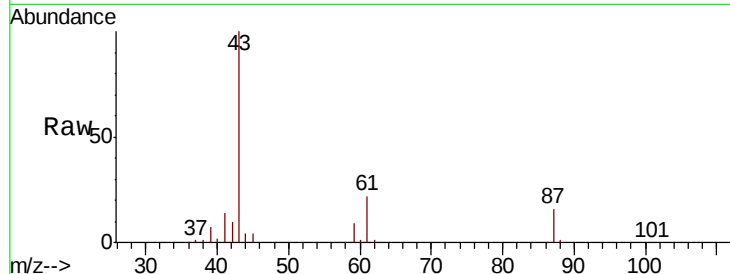
Isopropyl Acetate  
 Concen: 24.06 ug/l  
 RT: 6.46 min Scan# 871  
 Delta R.T. 0.00 min  
 Lab File: VX004556.D  
 Acq: 15 Sep 2018 01:50

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0914WBS02

| Tot Ion | 43     | 61   | 87   |
|---------|--------|------|------|
| Resp    | 131863 |      |      |
| Ratio   | 100    | 22.4 | 14.1 |
| Lower   |        | 17.0 | 11.4 |
| Upper   |        | 25.4 | 17.2 |

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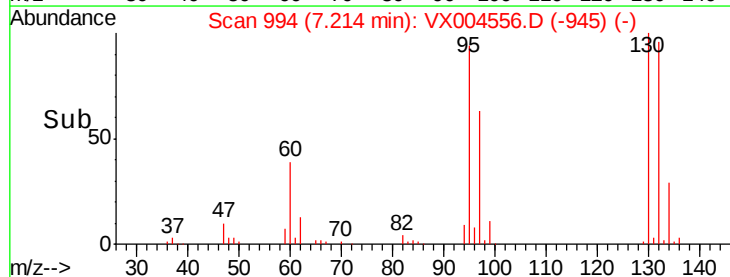
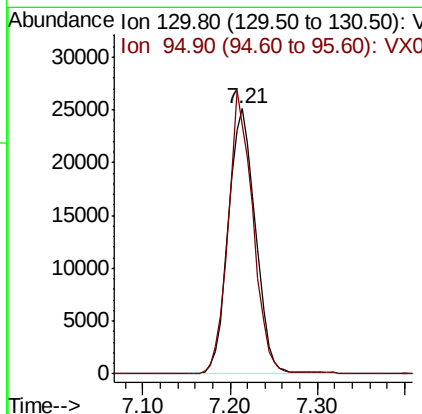
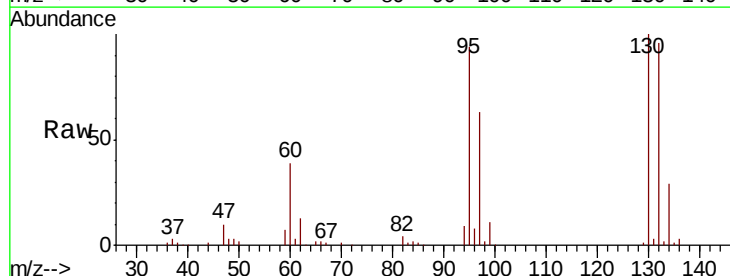
MMDadoda  
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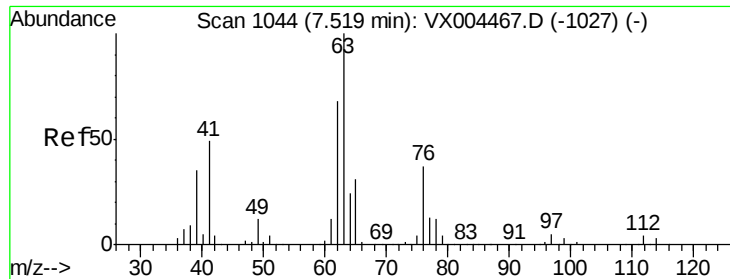


#44

Trichloroethene  
 Concen: 19.48 ug/l  
 RT: 7.21 min Scan# 994  
 Delta R.T. 0.00 min  
 Lab File: VX004556.D  
 Acq: 15 Sep 2018 01:50

| Tgt Ion | 130   | 95    |
|---------|-------|-------|
| Resp    | 54472 |       |
| Ratio   | 100   | 93.6  |
| Lower   |       | 0.0   |
| Upper   |       | 181.6 |





#45

1,2-Dichloropropane

Concen: 22.12 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX004556.D

Acq: 15 Sep 2018 01:50

Instrument :

MSVOA\_X

ClientSampleId :

VX0914WBS02

Tot Ion: 63 Resp: 57309

Ion Ratio Lower Upper

63 100

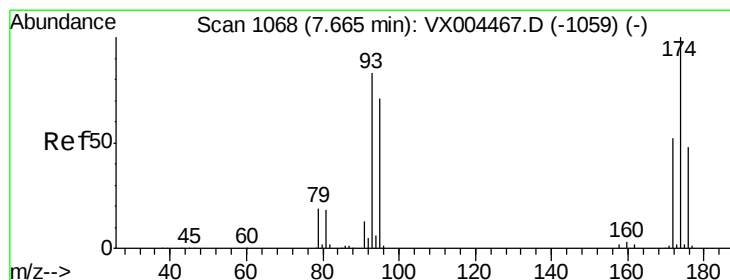
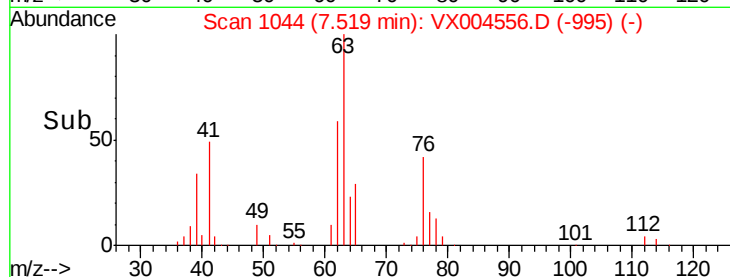
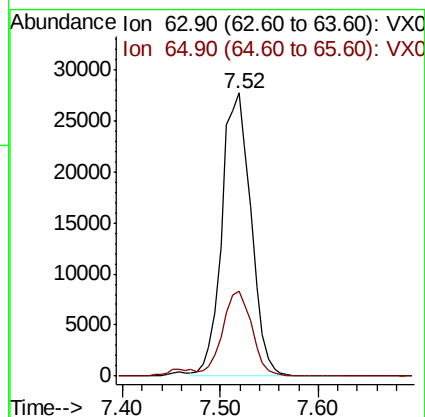
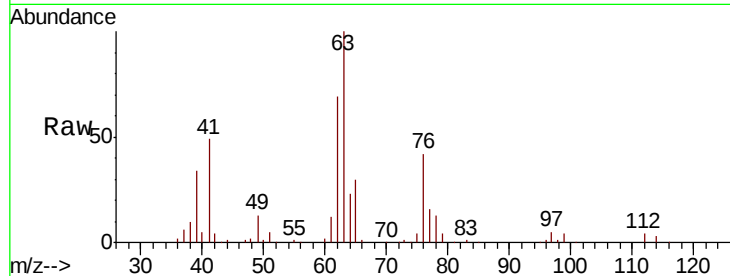
65 30.1 24.3 36.5

Manual Integrations

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#46

Dibromomethane

Concen: 22.25 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VX004556.D

Acq: 15 Sep 2018 01:50

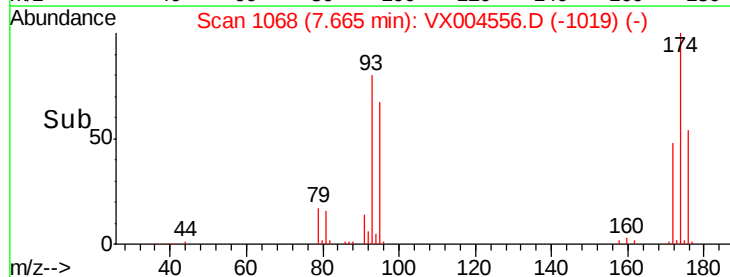
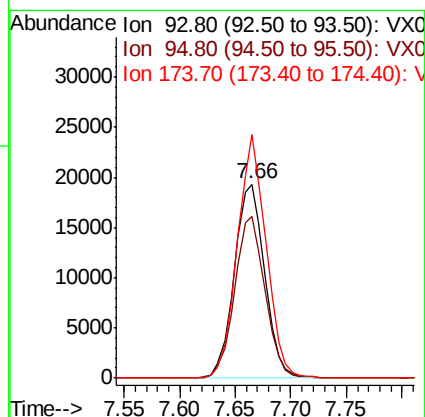
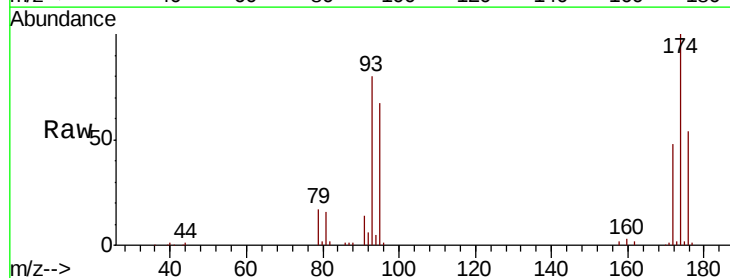
Tgt Ion: 93 Resp: 36417

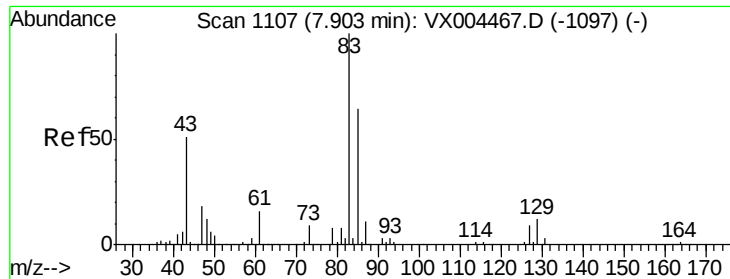
Ion Ratio Lower Upper

93 100

95 83.6 65.5 98.3

174 119.2 94.2 141.4





#47

Bromodichloromethane

Concen: 21.21 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX004556.D

Acq: 15 Sep 2018 01:50

Instrument :

MSVOA\_X

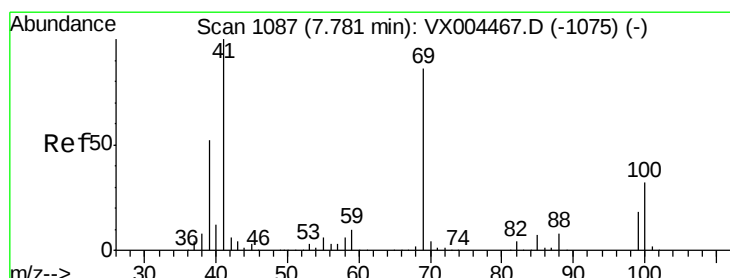
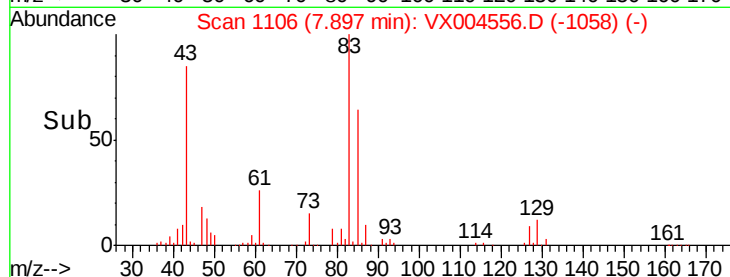
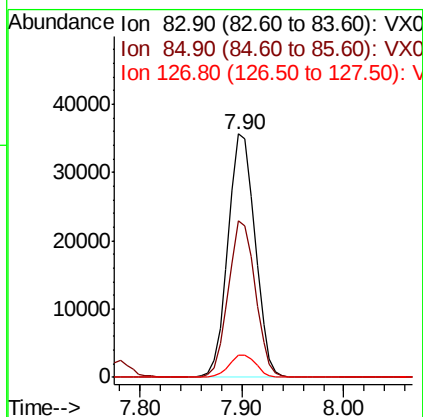
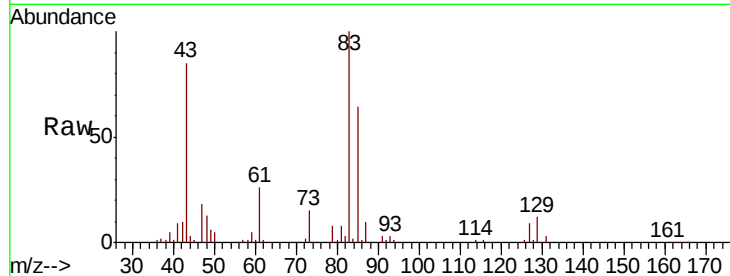
ClientSampleId :

VX0914WBS02

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 83    | Resp: | 65649 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 64.1  | 50.9  | 76.3  |
| 127      | 9.2   | 7.3   | 10.9  |

Manual Integrations  
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#48

Methyl methacrylate

Concen: 22.13 ug/l

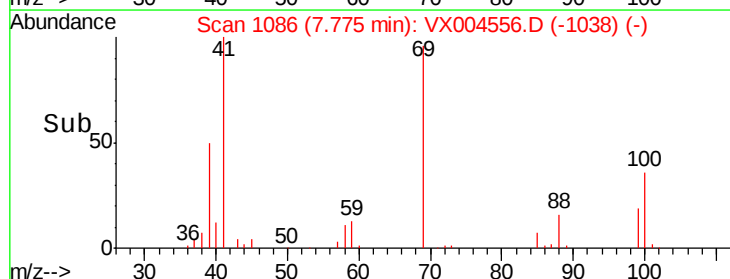
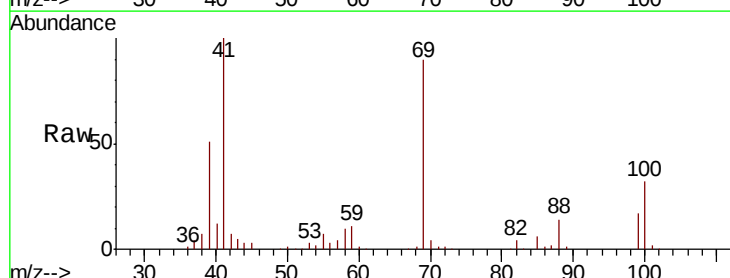
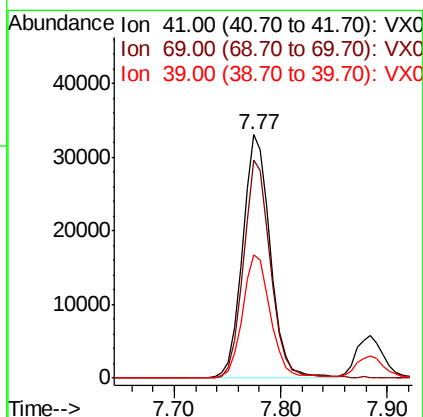
RT: 7.77 min Scan# 1086

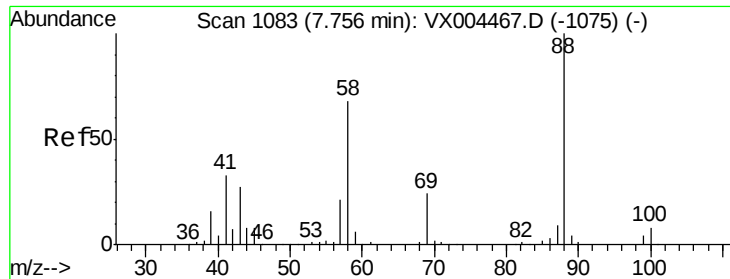
Delta R.T. -0.01 min

Lab File: VX004556.D

Acq: 15 Sep 2018 01:50

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 60023 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 88.1  | 70.2  | 105.4 |
| 39       | 51.5  | 42.7  | 64.1  |





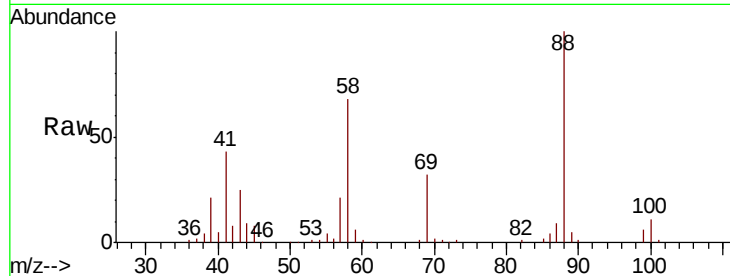
#49  
1,4-Dioxane  
Concen: 473.01 ug/l  
RT: 7.76 min Scan# 1083  
Delta R.T. 0.00 min  
Lab File: VX004556.D  
Acq: 15 Sep 2018 01:50

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0914WBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 28.9  | 24.7  | 37.1  |
| 58      | 70.7  | 55.3  | 82.9  |

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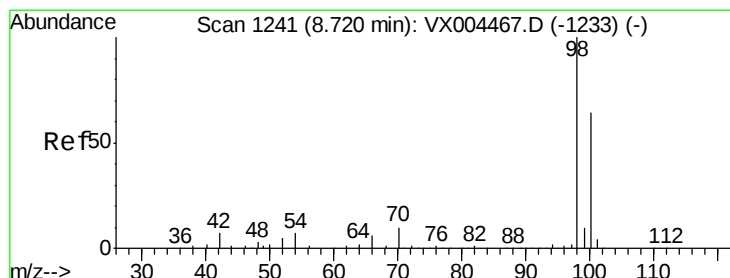
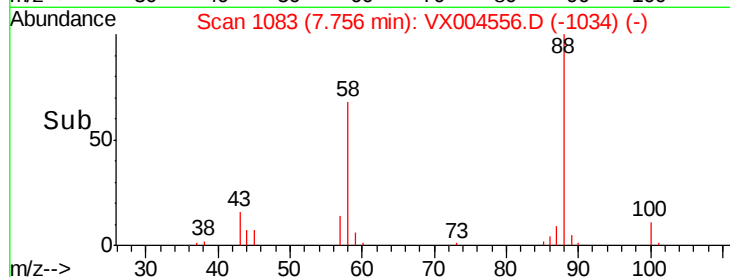
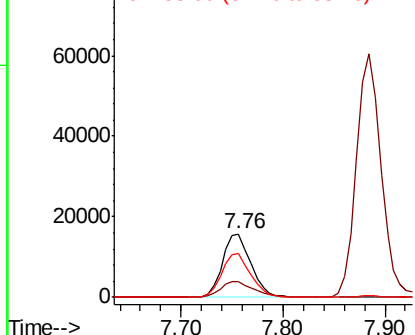


Abundance

Ion 88.00 (87.70 to 88.70): VX0

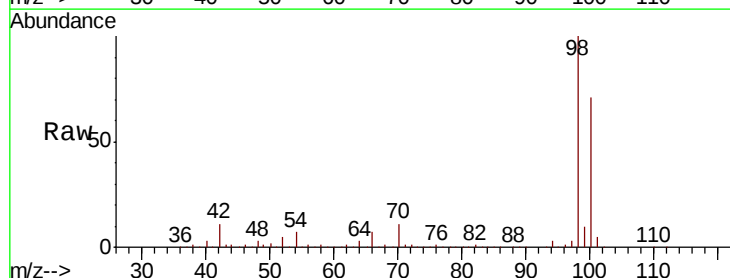
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50  
Toluene-d8  
Concen: 48.16 ug/l  
RT: 8.72 min Scan# 1241  
Delta R.T. 0.00 min  
Lab File: VX004556.D  
Acq: 15 Sep 2018 01:50

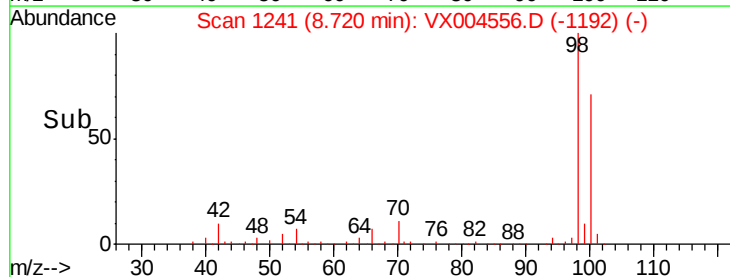
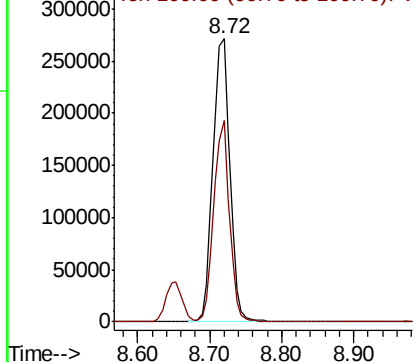
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 66.0  | 52.9  | 79.3  |

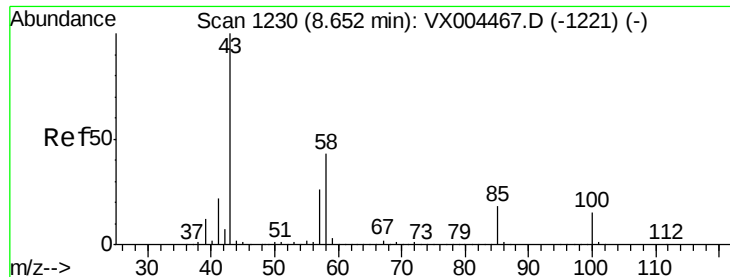


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 110.48 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX004556.D

Acq: 15 Sep 2018 01:50

Instrument :

MSVOA\_X

ClientSampled :

VX0914WBS02

Tot Ion: 43 Resp: 427317

Ion Ratio Lower Upper

43 100

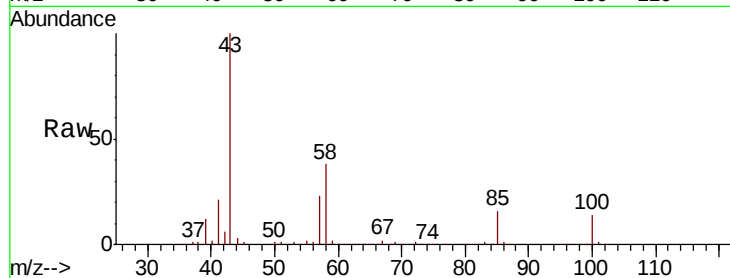
58 39.9 33.1 49.7

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

300000

250000

200000

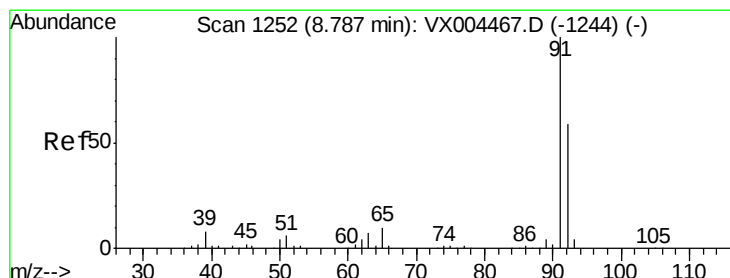
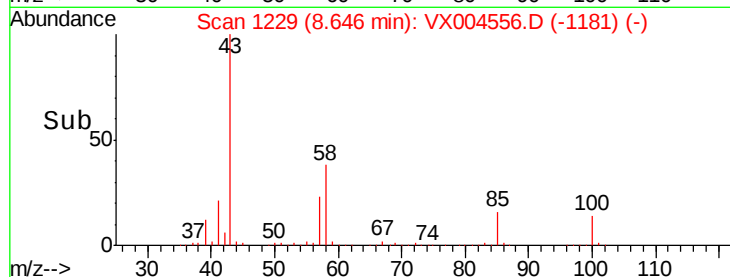
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.46 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX004556.D

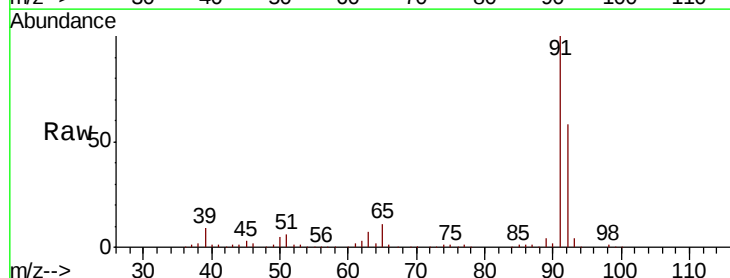
Acq: 15 Sep 2018 01:50

Tgt Ion: 92 Resp: 129779

Ion Ratio Lower Upper

92 100

91 173.5 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

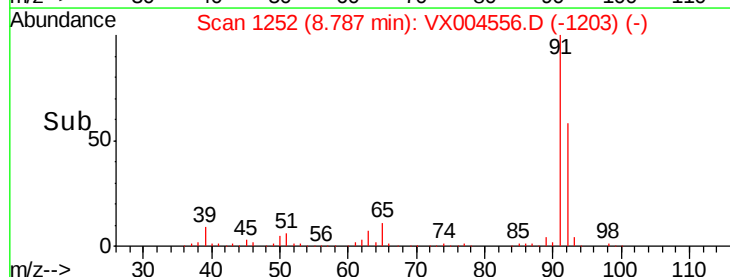
150000

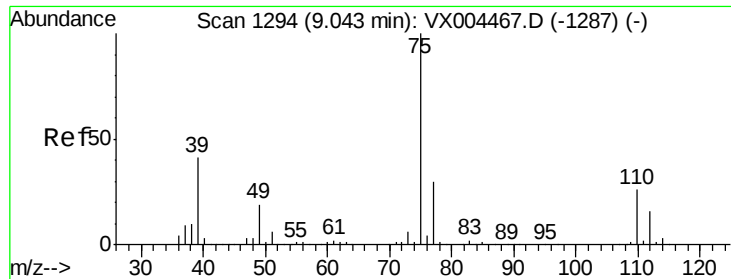
100000

50000

0

Time-->





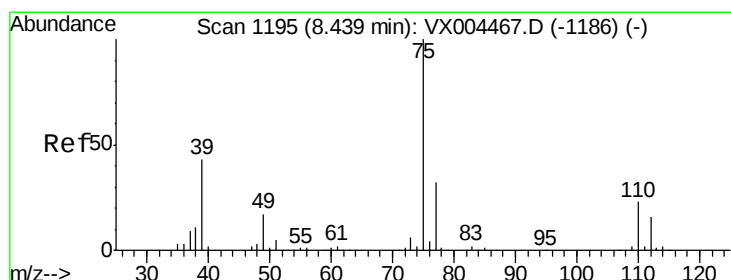
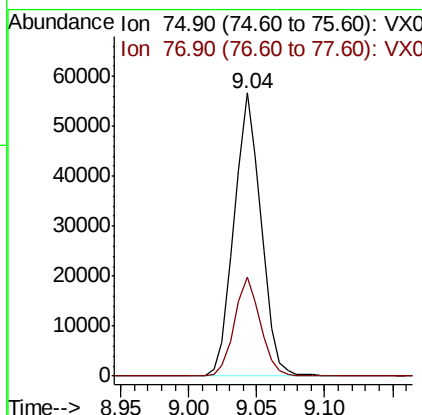
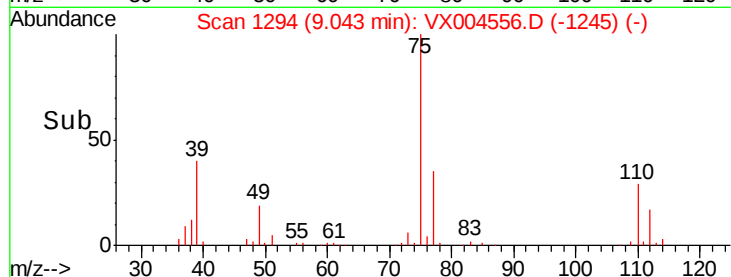
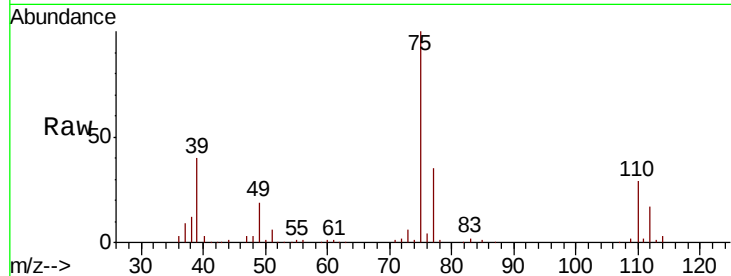
#53  
 t-1,3-Dichloropropene  
 Concen: 21.62 ug/l  
 RT: 9.04 min Scan# 1294  
 Delta R.T. 0.00 min  
 Lab File: VX004556.D  
 Acq: 15 Sep 2018 01:50

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0914WBS02

Tot Ion: 75 Resp: 78165  
 Ion Ratio Lower Upper  
 75 100  
 77 34.8 24.6 37.0

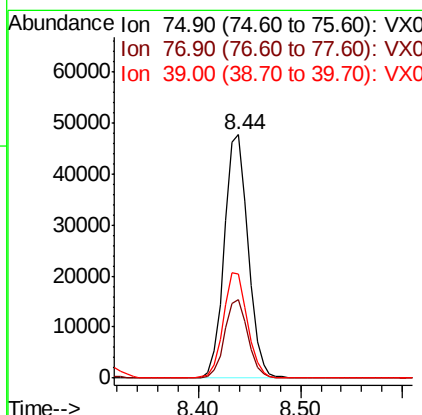
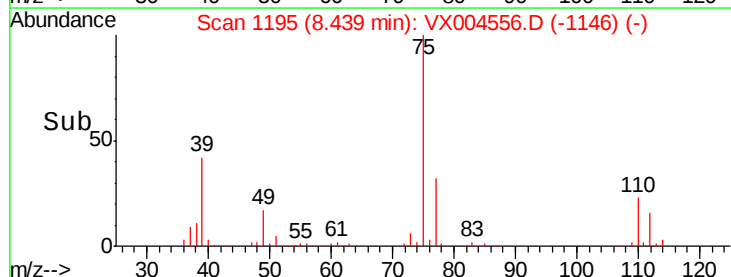
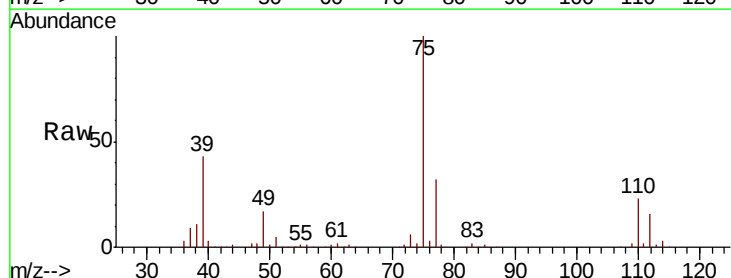
Manual Integrations  
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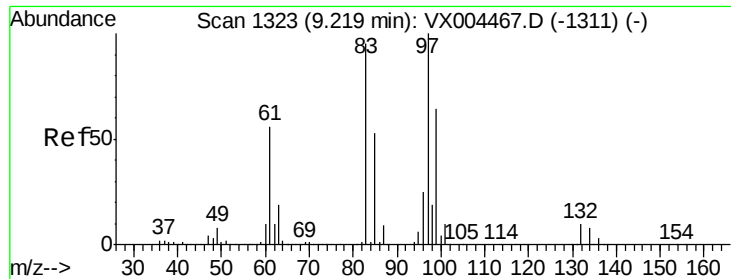
MMDadoda  
 9/17/2018 5:09:29 PM



#54  
 cis-1,3-Dichloropropene  
 Concen: 20.88 ug/l  
 RT: 8.44 min Scan# 1195  
 Delta R.T. 0.00 min  
 Lab File: VX004556.D  
 Acq: 15 Sep 2018 01:50

Tgt Ion: 75 Resp: 76937  
 Ion Ratio Lower Upper  
 75 100  
 77 32.1 26.2 39.2  
 39 42.6 36.4 54.6





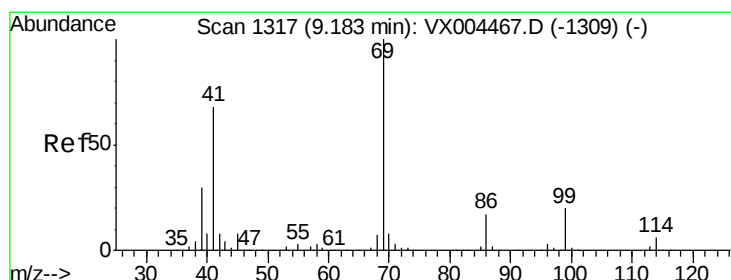
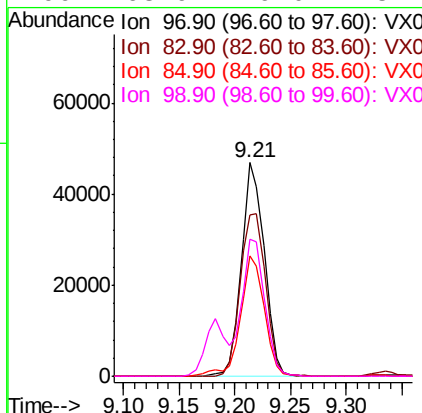
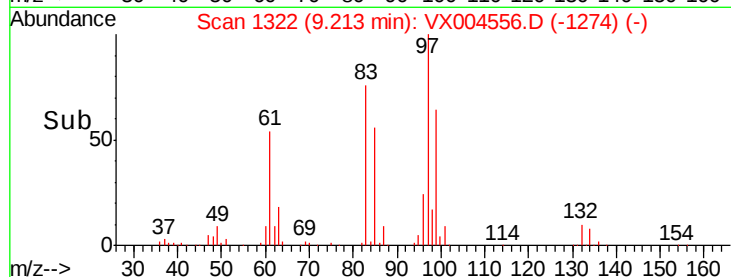
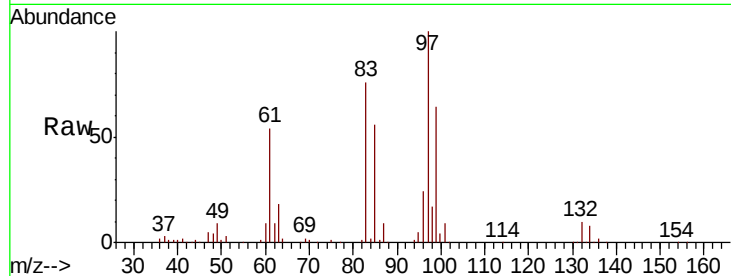
#55  
 1,1,2-Trichloroethane  
 Concen: 24.58 ug/l  
 RT: 9.21 min Scan# 1322  
 Delta R.T. -0.01 min  
 Lab File: VX004556.D  
 Acq: 15 Sep 2018 01:50

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0914WBS02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 97    | Resp: | 67122 |
| Ion Ratio | Lower | Upper |       |
| 97        | 100   |       |       |
| 83        | 75.8  | 66.4  | 99.6  |
| 85        | 56.2  | 43.3  | 64.9  |
| 99        | 63.9  | 49.0  | 73.4  |

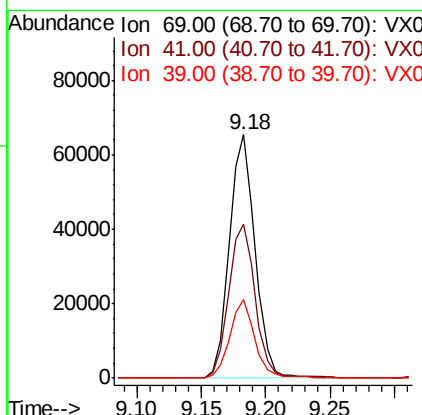
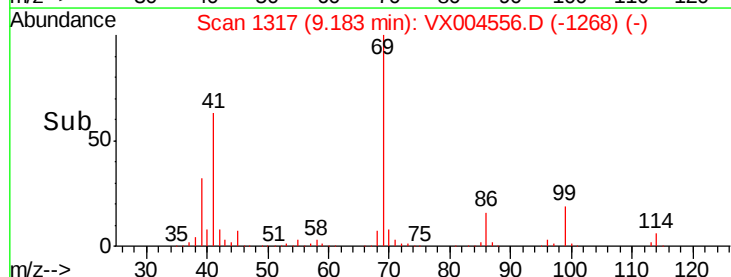
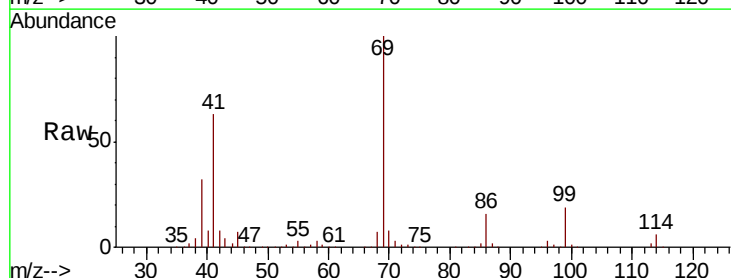
Manual Integrations  
 APPROVED

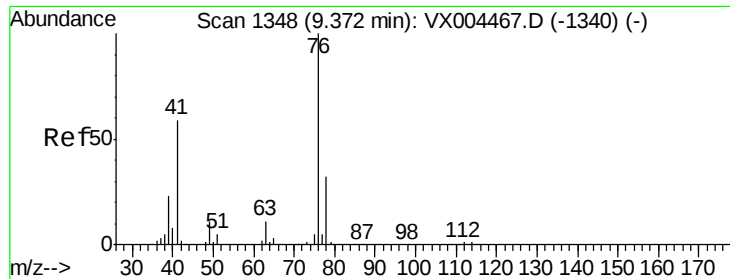
MMDadoda  
 9/17/2018 5:09:29 PM



#56  
 Ethyl methacrylate  
 Concen: 23.70 ug/l  
 RT: 9.18 min Scan# 1317  
 Delta R.T. 0.00 min  
 Lab File: VX004556.D  
 Acq: 15 Sep 2018 01:50

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 69    | Resp: | 91567 |
| Ion Ratio | Lower | Upper |       |
| 69        | 100   |       |       |
| 41        | 65.3  | 51.0  | 76.4  |
| 39        | 31.0  | 26.1  | 39.1  |





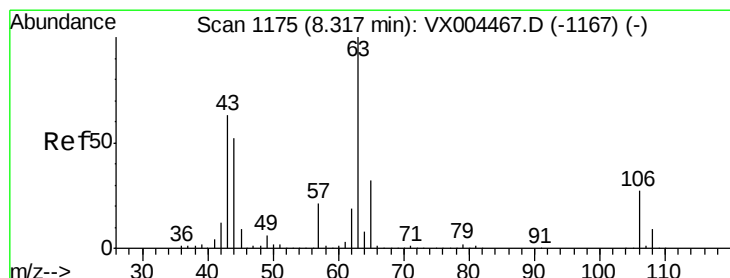
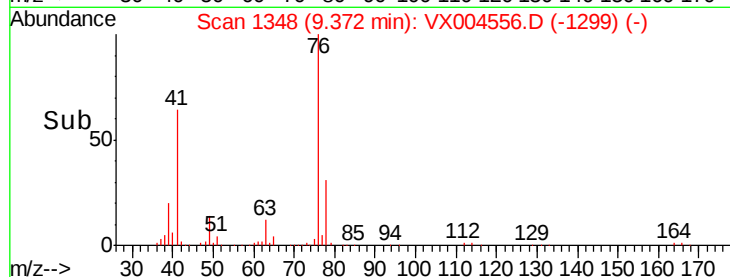
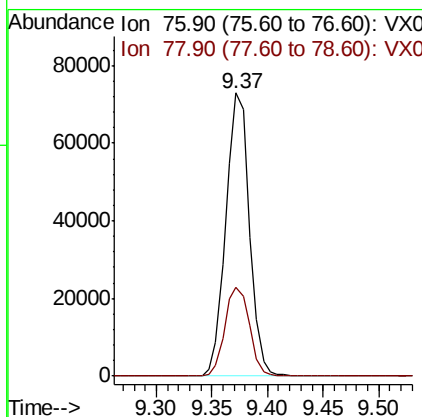
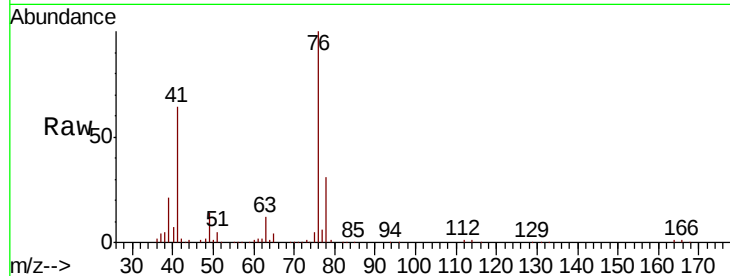
#57  
 1,3-Dichloropropane  
 Concen: 24.15 ug/l  
 RT: 9.37 min Scan# 1348  
 Delta R.T. 0.00 min  
 Lab File: VX004556.D  
 Acq: 15 Sep 2018 01:50

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0914WBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 32.8  | 25.5  | 38.3  |

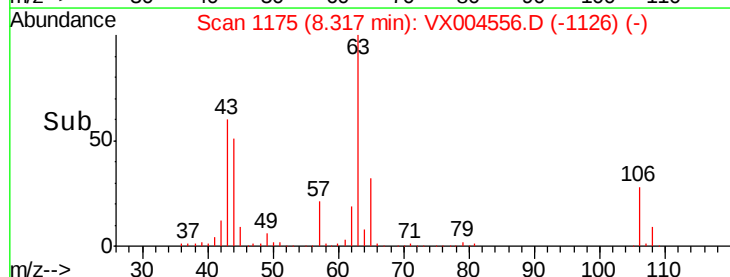
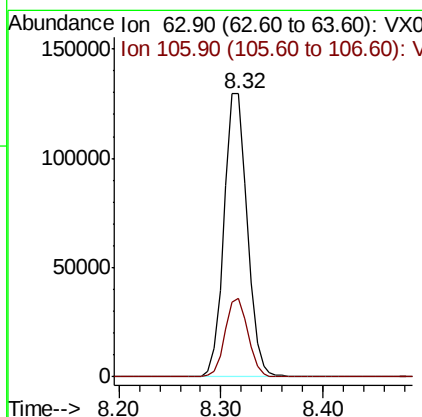
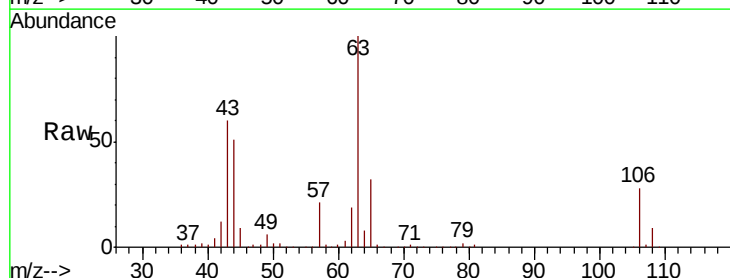
Manual Integrations  
 APPROVED

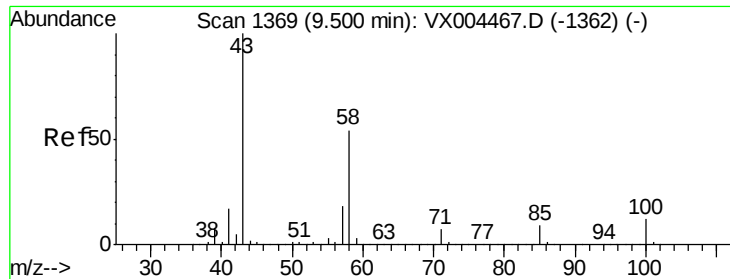
MMDadoda  
 9/17/2018 5:09:29 PM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 108.24 ug/l  
 RT: 8.32 min Scan# 1175  
 Delta R.T. 0.00 min  
 Lab File: VX004556.D  
 Acq: 15 Sep 2018 01:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 27.5  | 23.9  | 35.9  |





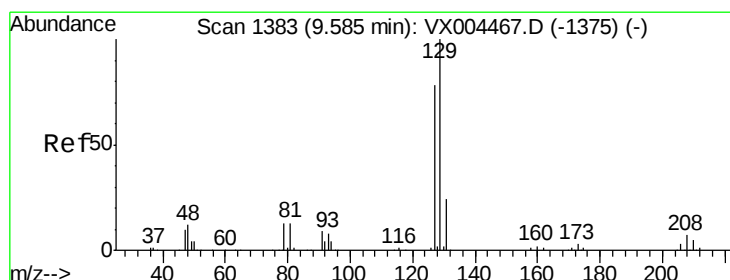
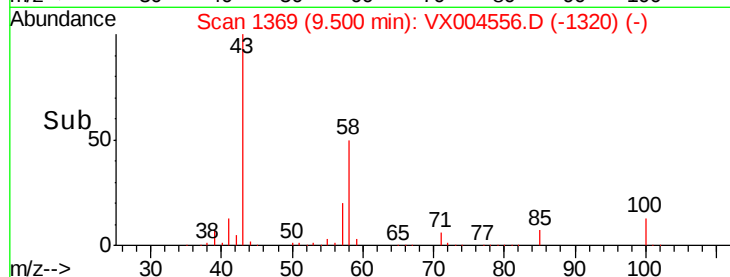
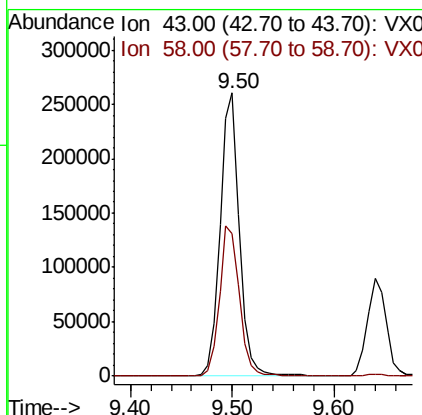
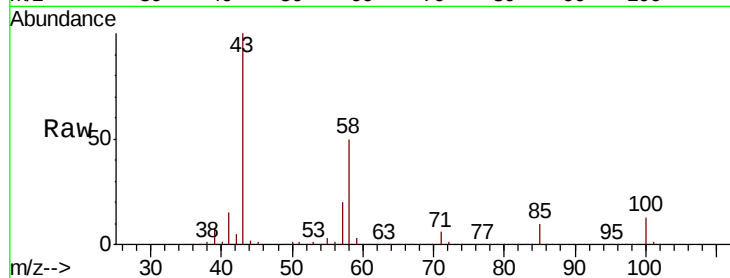
#59  
2-Hexanone  
Concen: 115.84 ug/l  
RT: 9.50 min Scan# 1369  
Delta R.T. 0.00 min  
Lab File: VX004556.D  
Acq: 15 Sep 2018 01:50

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0914WBS02

Tot Ion: 43 Resp: 343650  
Ion Ratio Lower Upper  
43 100  
58 55.1 29.0 87.0

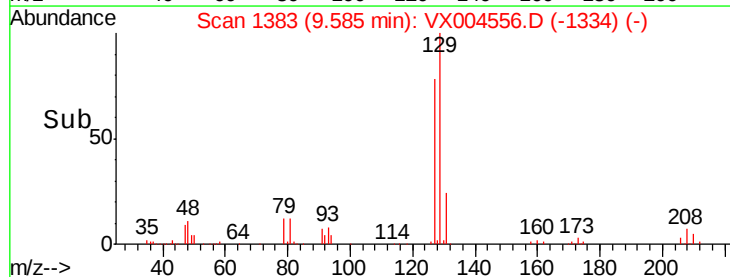
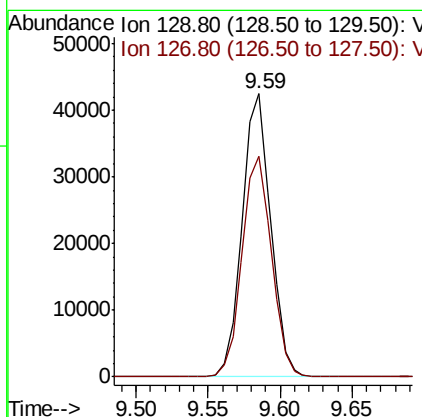
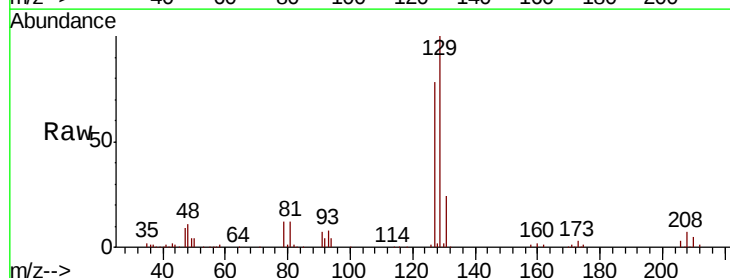
Manual Integrations  
APPROVED

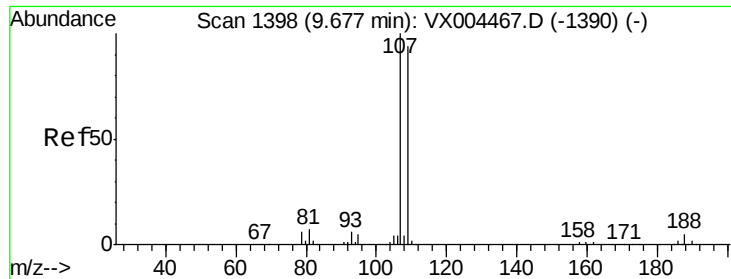
MMDadoda  
9/17/2018 5:09:29 PM



#60  
Dibromochloromethane  
Concen: 22.67 ug/l  
RT: 9.59 min Scan# 1383  
Delta R.T. 0.00 min  
Lab File: VX004556.D  
Acq: 15 Sep 2018 01:50

Tgt Ion: 129 Resp: 58289  
Ion Ratio Lower Upper  
129 100  
127 80.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 24.87 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.00 min

Lab File: VX004556.D

Acq: 15 Sep 2018 01:50

Instrument :

MSVOA\_X

ClientSampled :

VX0914WBS02

Tot Ion:107 Resp: 64888

Ion Ratio Lower Upper

107 100

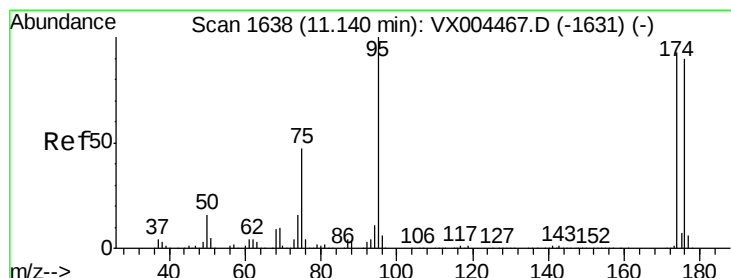
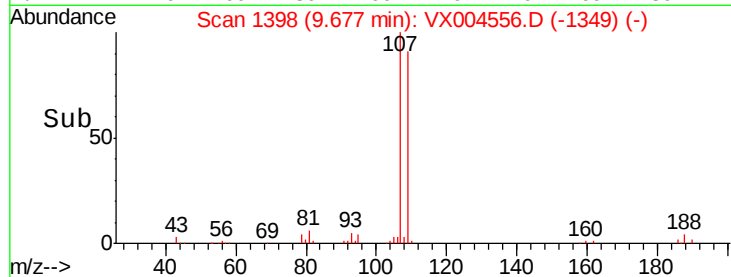
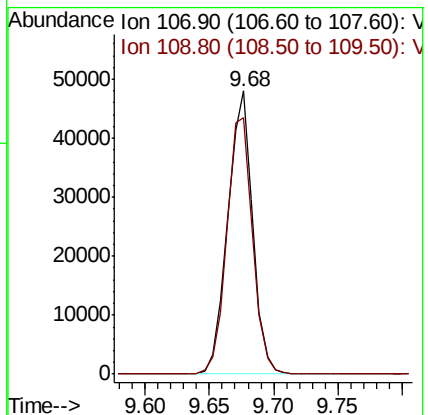
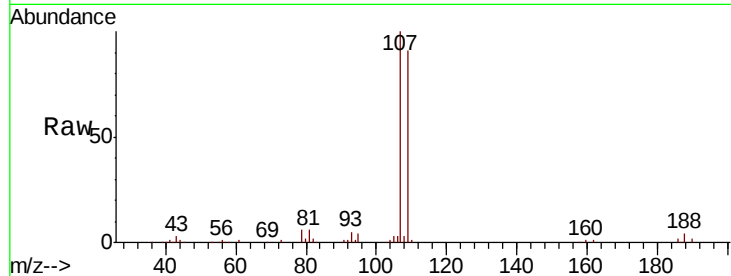
109 94.9 76.0 114.0

Manual Integrations

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MMDadoda

9/17/2018 5:09:29 PM



#62

4-Bromofluorobenzene

Concen: 45.70 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004556.D

Acq: 15 Sep 2018 01:50

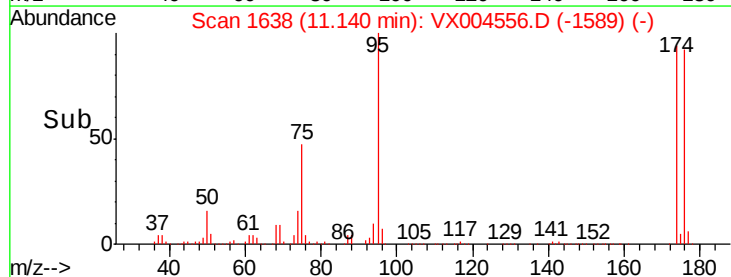
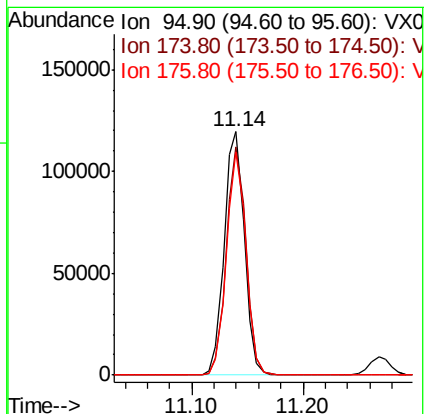
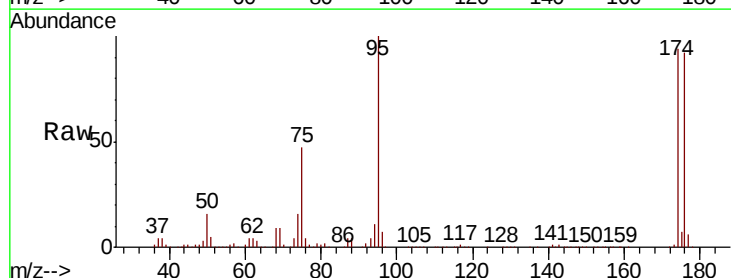
Tgt Ion: 95 Resp: 149609

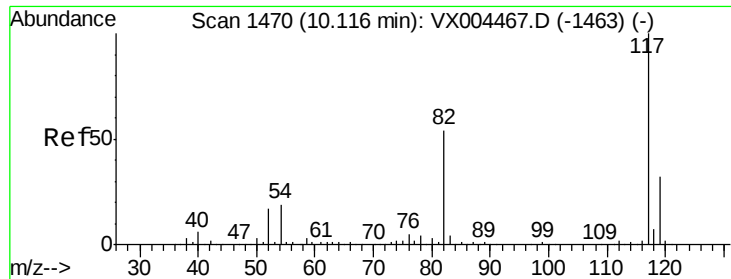
Ion Ratio Lower Upper

95 100

174 91.7 0.0 185.2

176 88.9 0.0 178.6





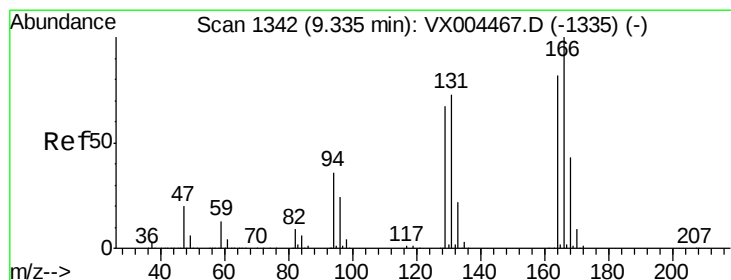
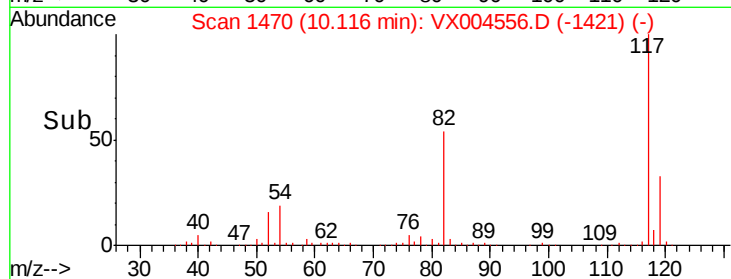
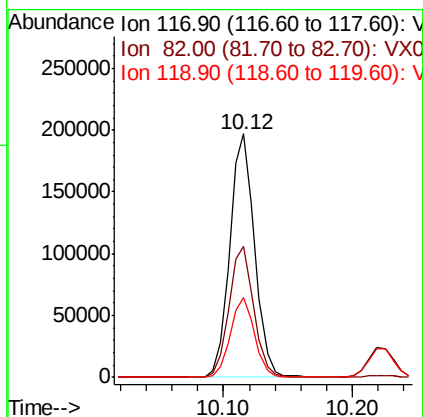
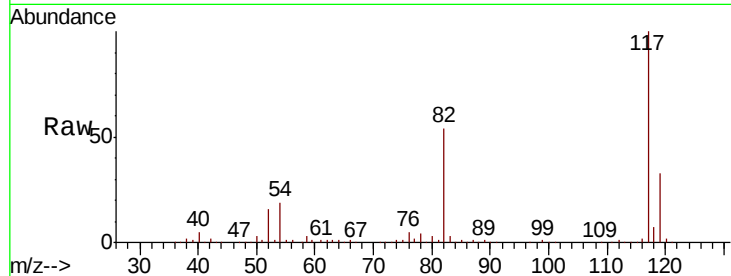
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.12 min Scan# 1470  
Delta R.T. 0.00 min  
Lab File: VX004556.D  
Acq: 15 Sep 2018 01:50

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0914WBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 53.7  | 47.8  | 71.6  |
| 119     | 32.6  | 29.3  | 43.9  |

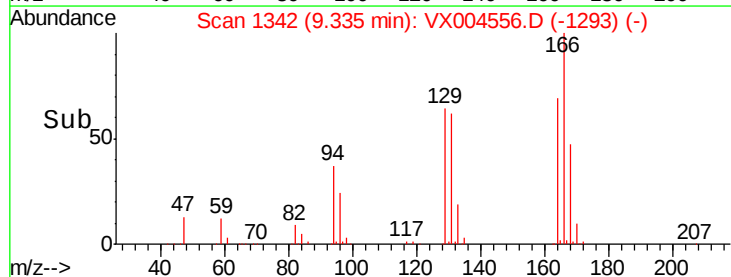
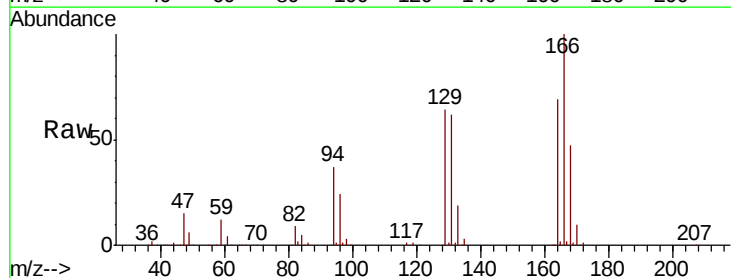
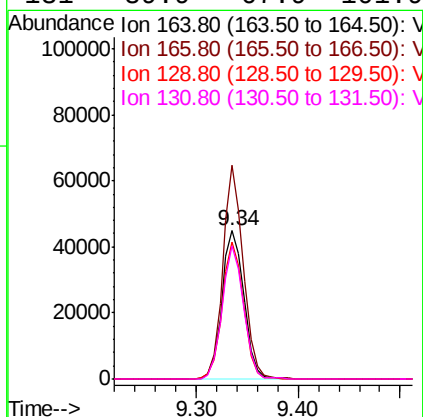
Manual Integrations  
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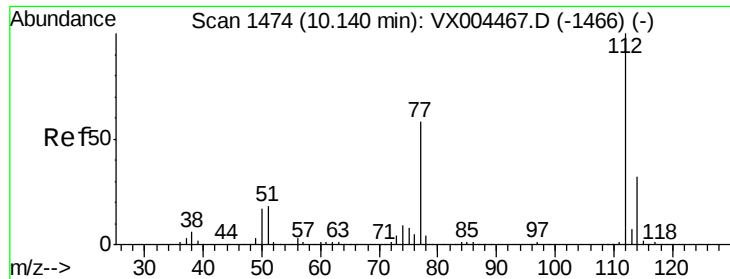
MMDadoda  
9/17/2018 5:09:29 PM



#64  
Tetrachloroethene  
Concen: 20.19 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. 0.00 min  
Lab File: VX004556.D  
Acq: 15 Sep 2018 01:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 144.3 | 102.8 | 154.2 |
| 129     | 92.7  | 69.4  | 104.0 |
| 131     | 89.9  | 67.9  | 101.9 |





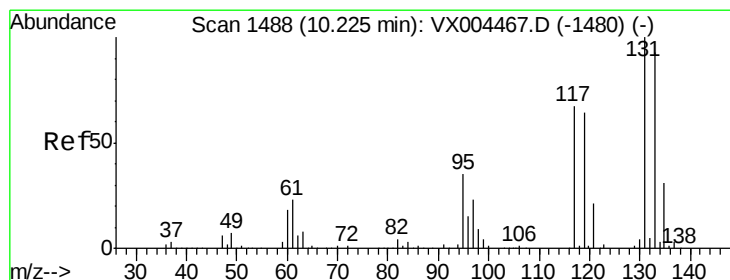
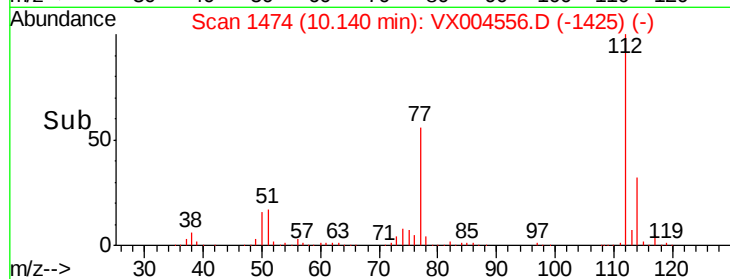
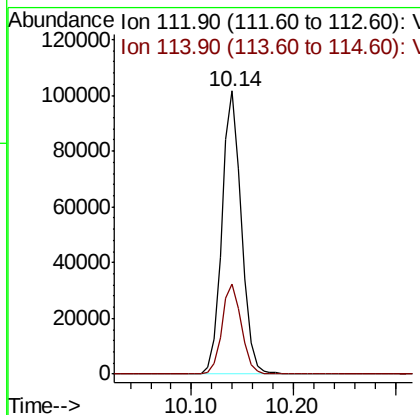
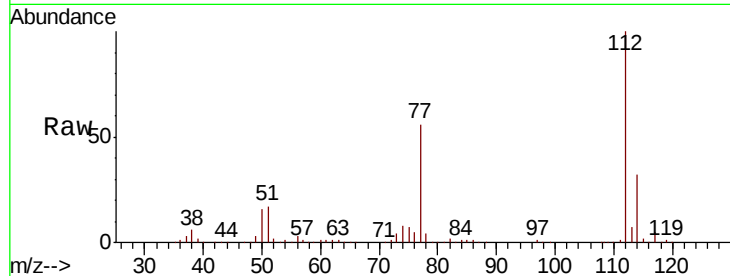
#65  
Chlorobenzene  
Concen: 20.44 ug/l  
RT: 10.14 min Scan# 1474  
Delta R.T. 0.00 min  
Lab File: VX004556.D  
Acq: 15 Sep 2018 01:50

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0914WBS02

Tot Ion:112 Resp: 134732  
Ion Ratio Lower Upper  
112 100  
114 31.8 27.8 41.8

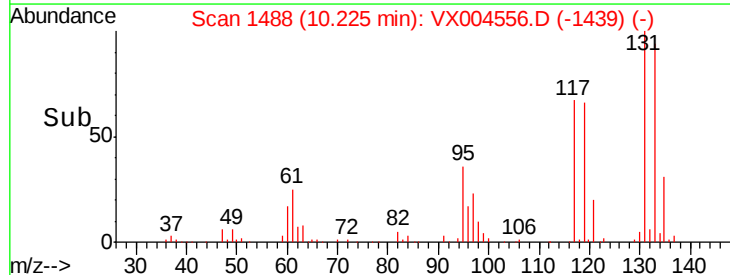
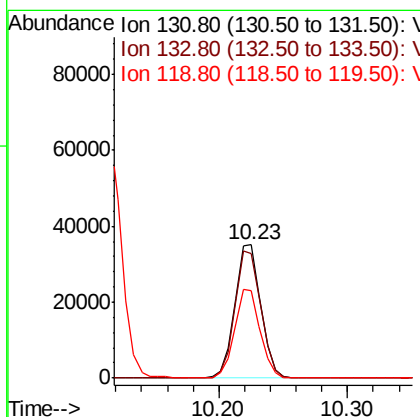
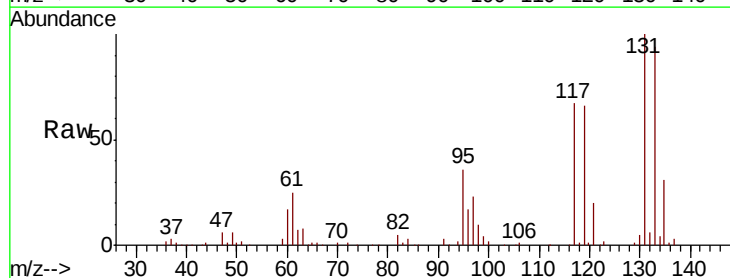
Manual Integrations  
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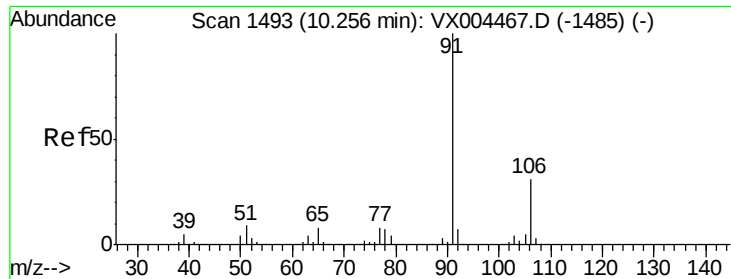
MMDadoda  
9/17/2018 5:09:29 PM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 21.68 ug/l  
RT: 10.23 min Scan# 1488  
Delta R.T. 0.00 min  
Lab File: VX004556.D  
Acq: 15 Sep 2018 01:50

Tgt Ion:131 Resp: 49272  
Ion Ratio Lower Upper  
131 100  
133 95.4 48.1 144.4  
119 65.2 32.9 98.6





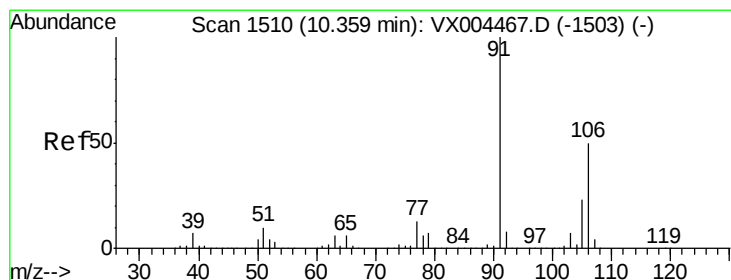
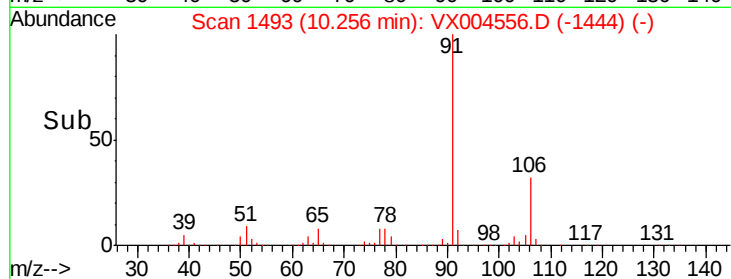
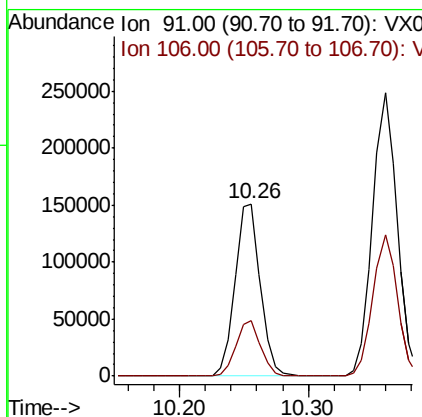
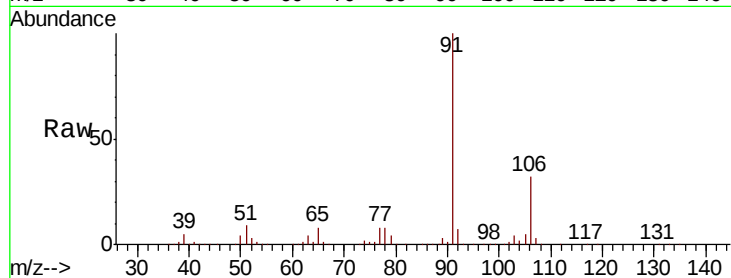
#67  
Ethyl Benzene  
Concen: 19.29 ug/l  
RT: 10.26 min Scan# 1493  
Delta R.T. 0.00 min  
Lab File: VX004556.D  
Acq: 15 Sep 2018 01:50

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0914WBS02

Tot Ion: 91 Resp: 206724  
Ion Ratio Lower Upper  
91 100  
106 31.8 25.9 38.9

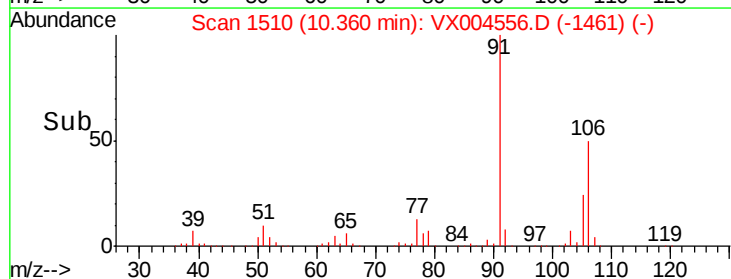
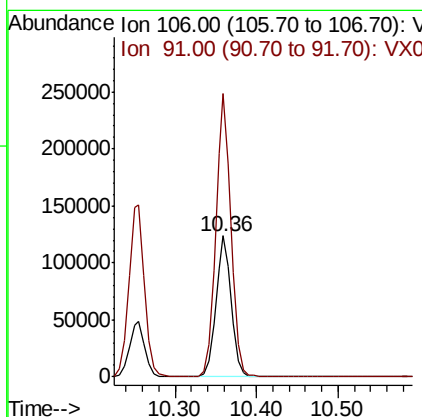
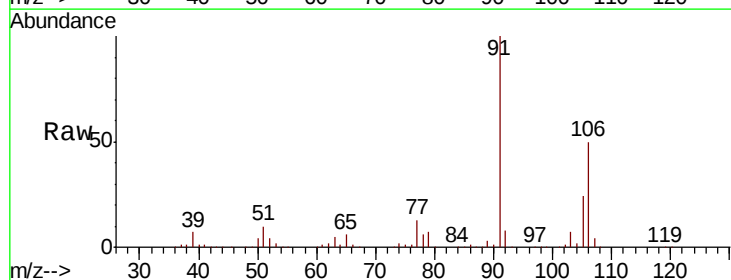
Manual Integrations  
APPROVED

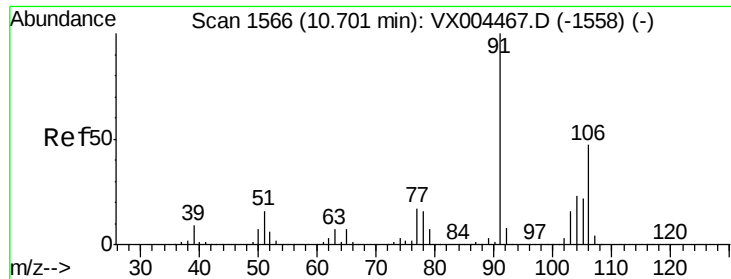
MMDadoda  
9/17/2018 5:09:29 PM



#68  
m/p-Xylenes  
Concen: 39.50 ug/l  
RT: 10.36 min Scan# 1510  
Delta R.T. 0.00 min  
Lab File: VX004556.D  
Acq: 15 Sep 2018 01:50

Tgt Ion: 106 Resp: 163090  
Ion Ratio Lower Upper  
106 100  
91 200.0 157.1 235.7





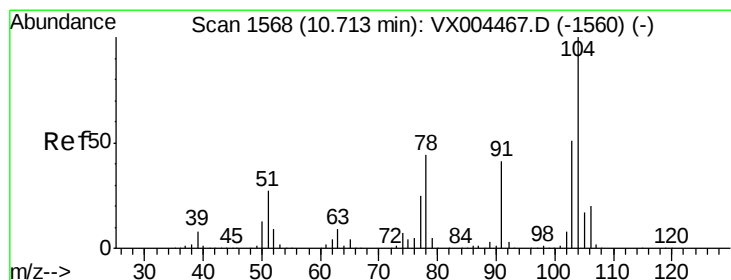
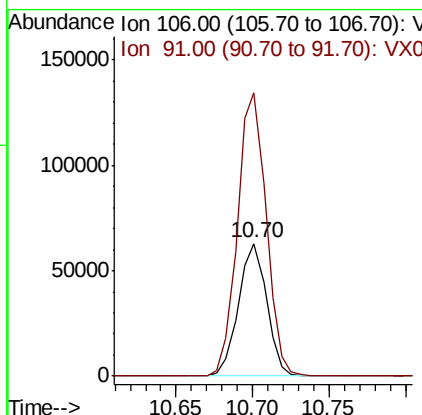
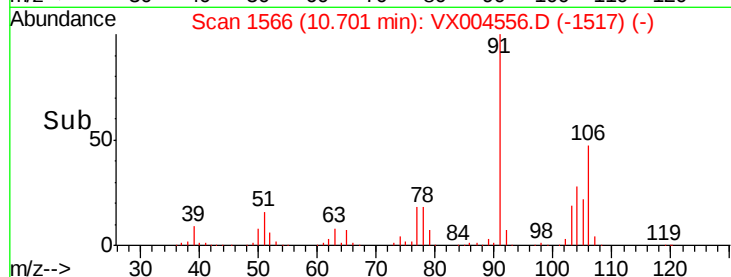
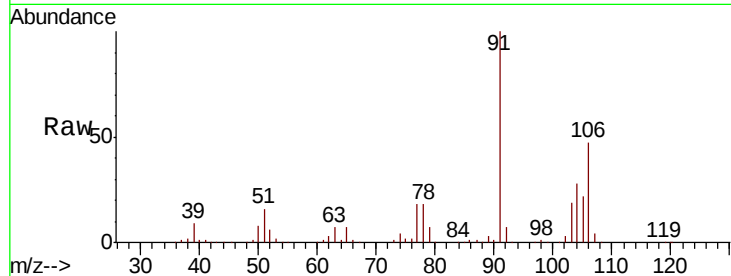
#69  
o-Xylene  
Concen: 20.32 ug/l  
RT: 10.70 min Scan# 1566  
Delta R.T. 0.00 min  
Lab File: VX004556.D  
Acq: 15 Sep 2018 01:50

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0914WBS02

Tot Ion:106 Resp: 80637  
Ion Ratio Lower Upper  
106 100  
91 217.9 105.1 315.1

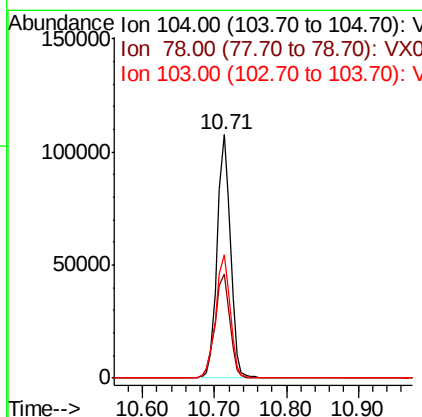
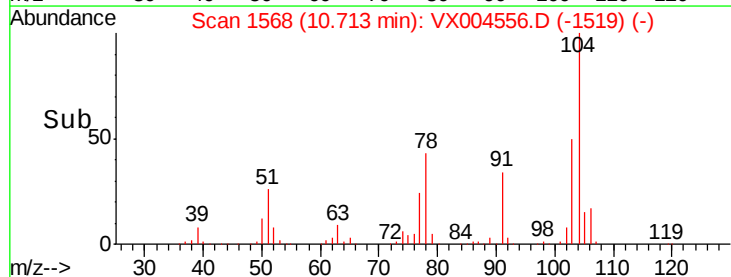
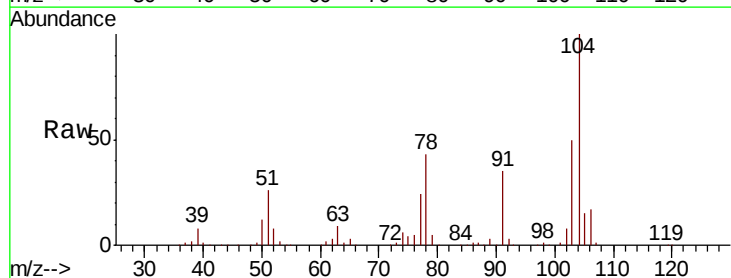
Manual Integrations  
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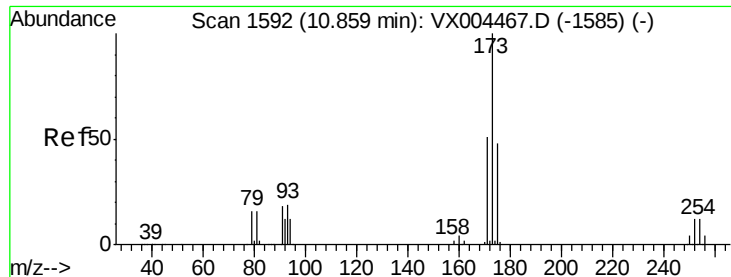
MMDadoda  
9/17/2018 5:09:29 PM



#70  
Styrene  
Concen: 20.94 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. 0.00 min  
Lab File: VX004556.D  
Acq: 15 Sep 2018 01:50

Tgt Ion:104 Resp: 137676  
Ion Ratio Lower Upper  
104 100  
78 47.9 37.4 56.0  
103 55.0 43.8 65.6





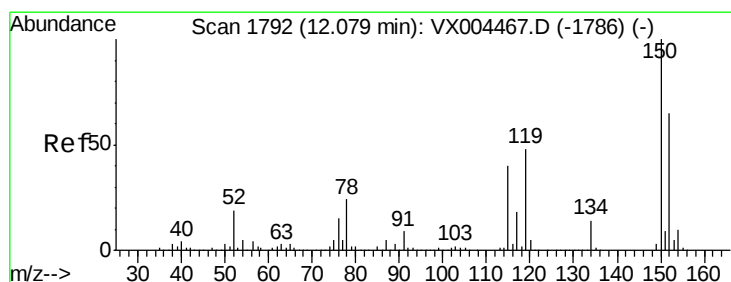
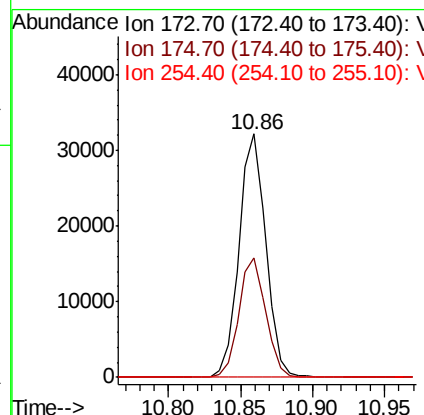
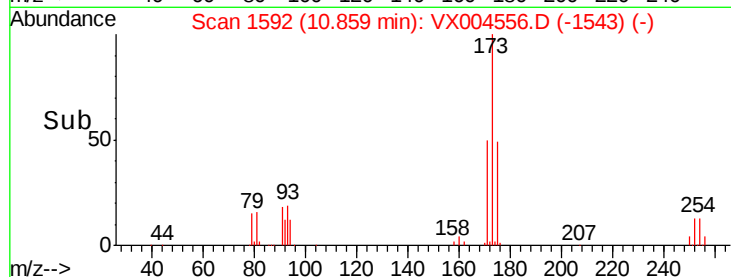
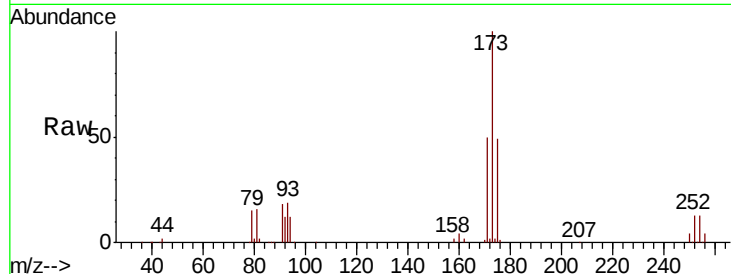
#71  
Bromoform  
Concen: 22.37 ug/l  
RT: 10.86 min Scan# 1592  
Delta R.T. 0.00 min  
Lab File: VX004556.D  
Acq: 15 Sep 2018 01:50

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0914WBS02

Tot Ion:173 Resp: 41752  
Ion Ratio Lower Upper  
173 100  
175 49.3 24.1 72.3  
254 0.1 0.2 0.2#

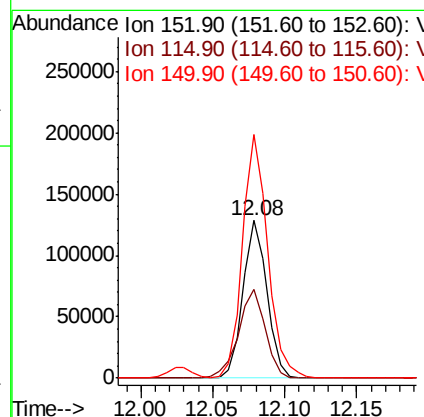
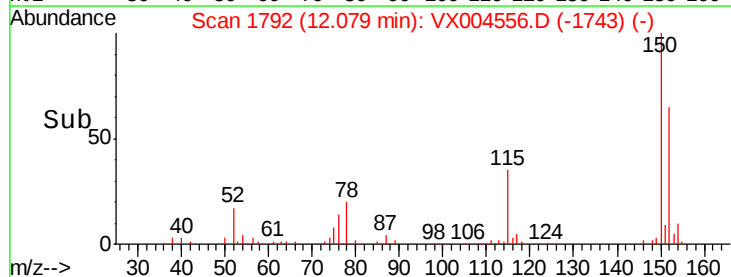
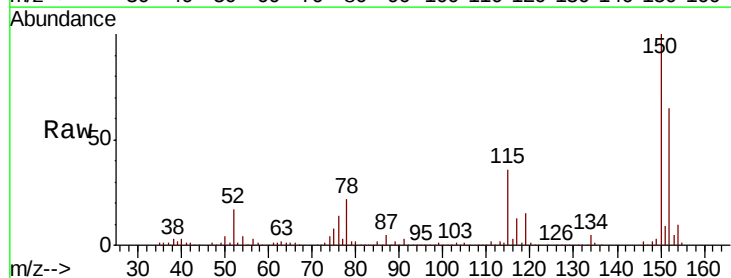
Manual Integrations  
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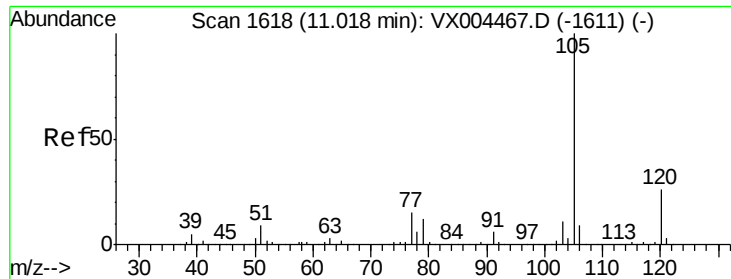
MMDadoda  
9/17/2018 5:09:29 PM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.08 min Scan# 1792  
Delta R.T. 0.00 min  
Lab File: VX004556.D  
Acq: 15 Sep 2018 01:50

Tgt Ion:152 Resp: 148595  
Ion Ratio Lower Upper  
152 100  
115 63.3 39.0 117.0  
150 163.1 0.0 351.0





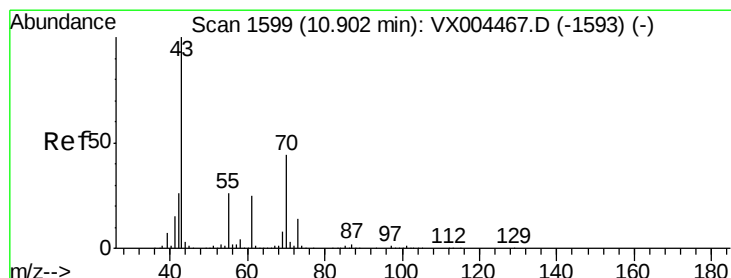
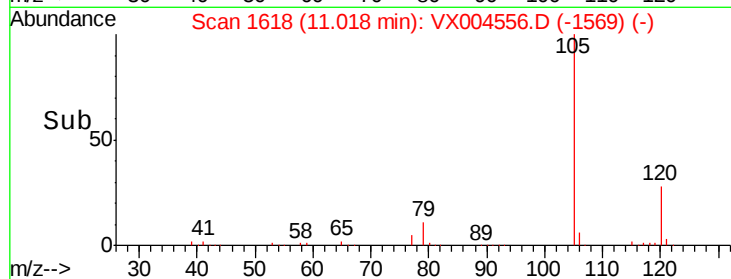
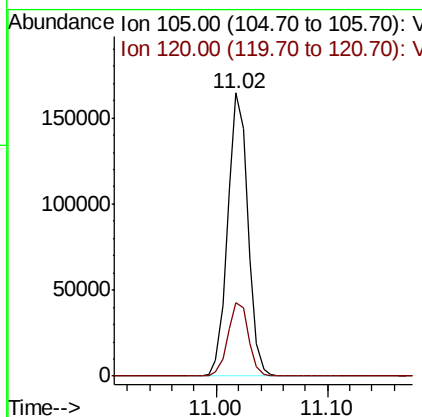
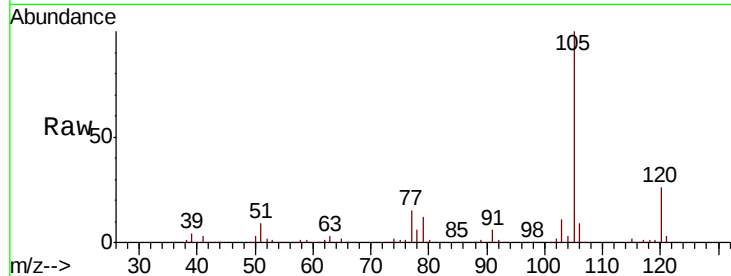
#73  
Isopropylbenzene  
Concen: 20.99 ug/l  
RT: 11.02 min Scan# 1618  
Delta R.T. 0.00 min  
Lab File: VX004556.D  
Acq: 15 Sep 2018 01:50

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0914WBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 26.5  | 13.5  | 40.4  |

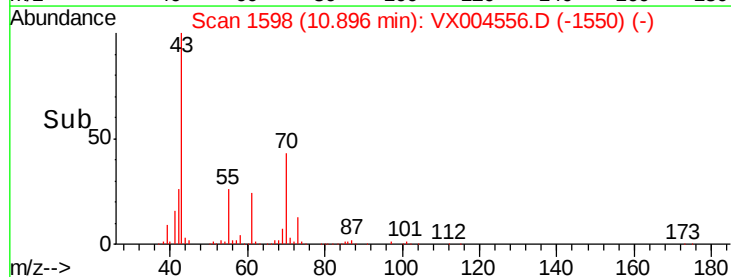
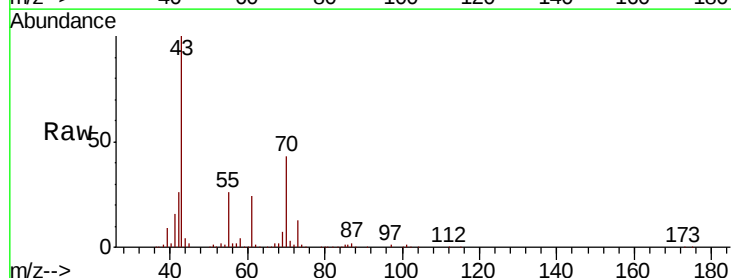
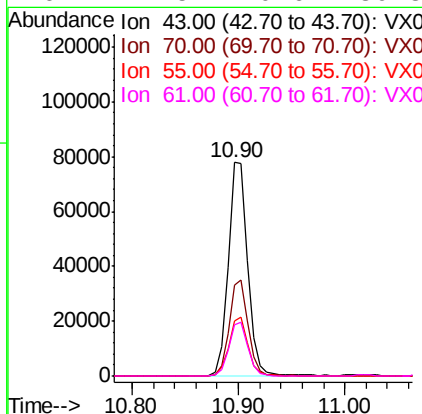
Manual Integrations  
APPROVED

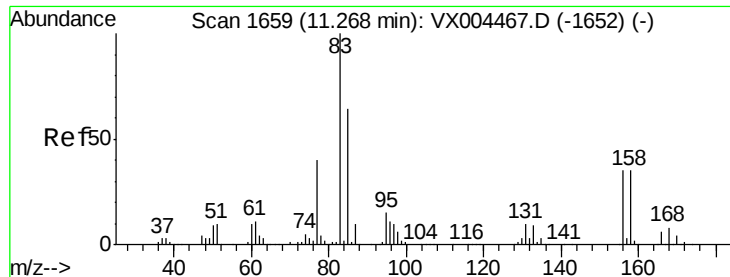
MMDadoda  
9/17/2018 5:09:29 PM



#74  
N-ethyl acetate  
Concen: 24.30 ug/l  
RT: 10.90 min Scan# 1598  
Delta R.T. -0.01 min  
Lab File: VX004556.D  
Acq: 15 Sep 2018 01:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 70      | 43.7  | 37.4  | 56.0  |
| 55      | 27.3  | 21.8  | 32.8  |
| 61      | 24.5  | 20.6  | 30.8  |





#75

1,1,2,2-Tetrachloroethane

Concen: 24.94 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX004556.D

Acq: 15 Sep 2018 01:50

Instrument :

MSVOA\_X

ClientSampled :

VX0914WBS02

Tot Ion: 83 Resp: 78724

Ion Ratio Lower Upper

83 100

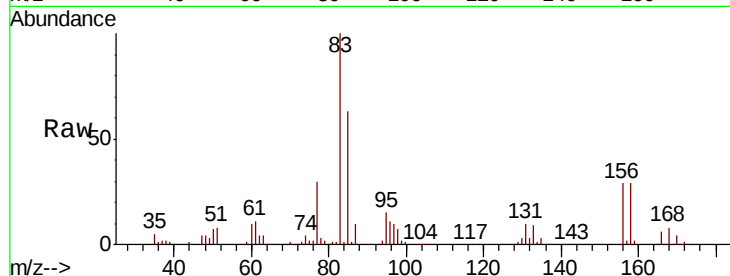
131 10.5 5.2 15.6

85 64.2 32.3 96.8

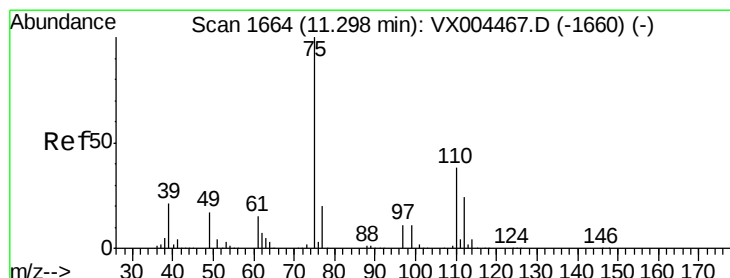
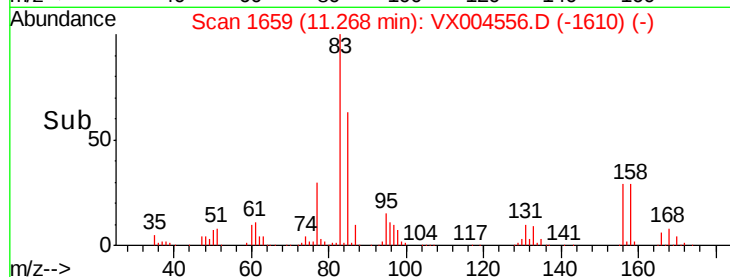
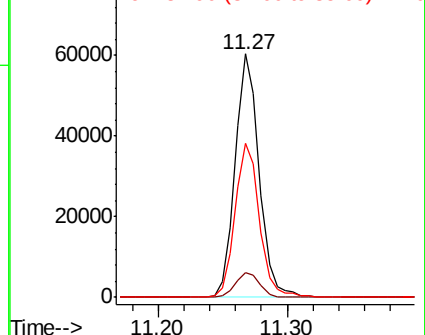
Manual Integrations  
APPROVED

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9/17/2018 5:09:29 PM



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: 25.32 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX004556.D

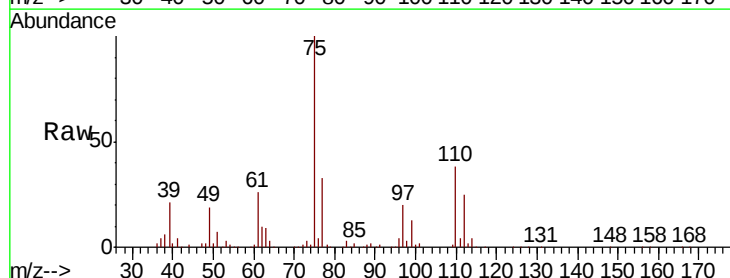
Acq: 15 Sep 2018 01:50

Tgt Ion: 75 Resp: 75704

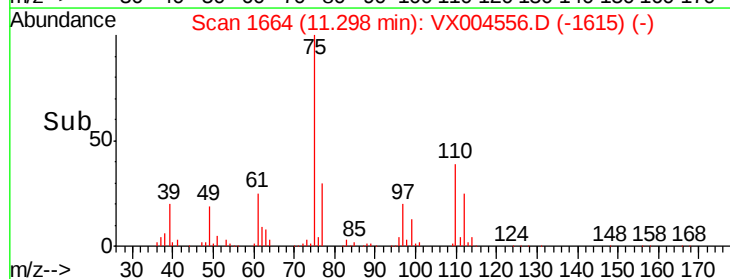
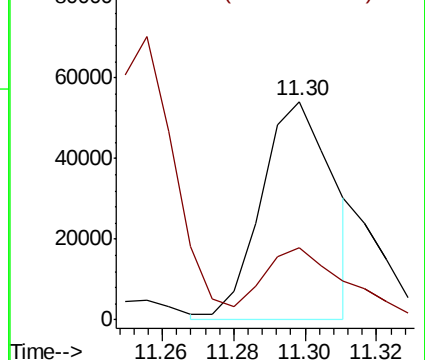
Ion Ratio Lower Upper

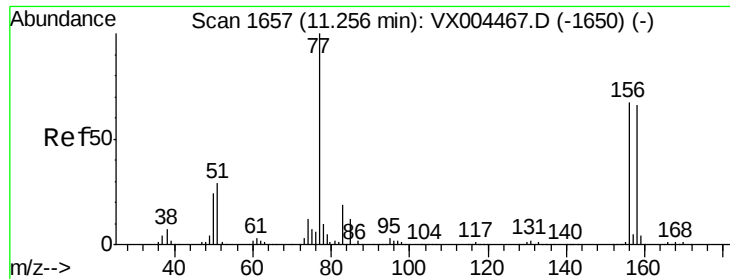
75 100

77 38.6 20.2 60.6



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





#77

Bromobenzene

Concen: 22.68 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX004556.D

Acq: 15 Sep 2018 01:50

Instrument :

MSVOA\_X

ClientSampleId :

VX0914WBS02

Tot Ion:156 Resp: 61361

Ion Ratio Lower Upper

156 100

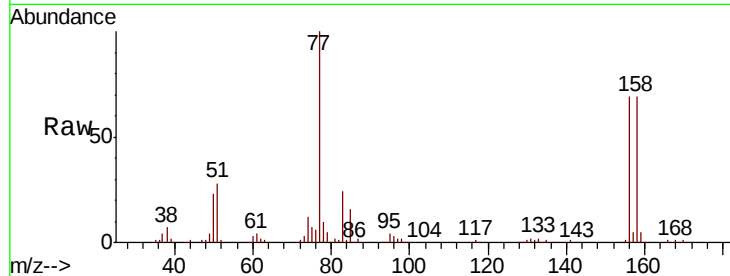
77 145.9 71.5 214.3

158 98.1 48.9 146.8

Manual Integrations  
APPROVED

MMDadoda

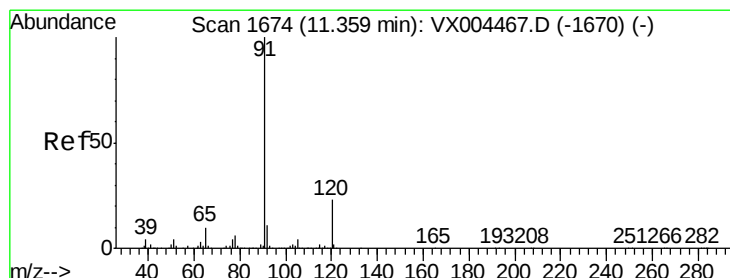
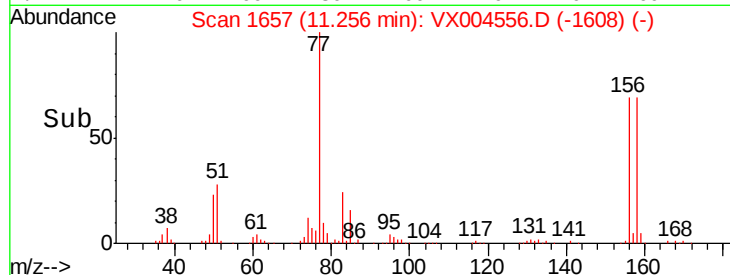
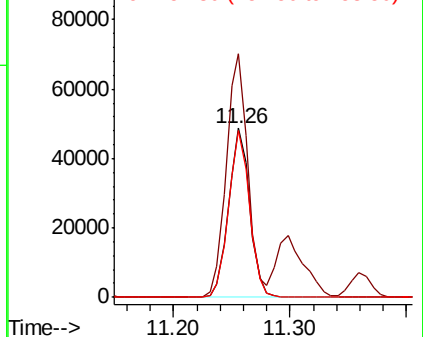
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.13 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004556.D

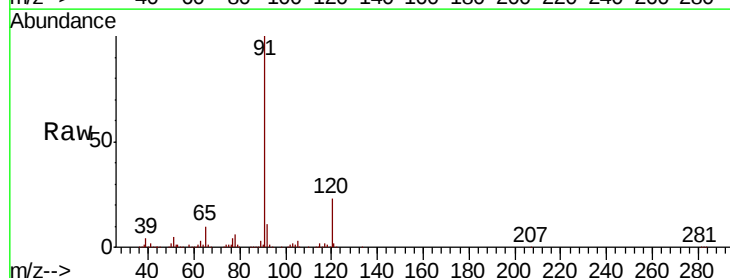
Acq: 15 Sep 2018 01:50

Tgt Ion: 91 Resp: 226501

Ion Ratio Lower Upper

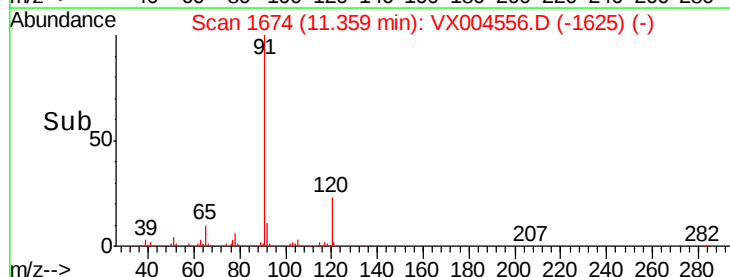
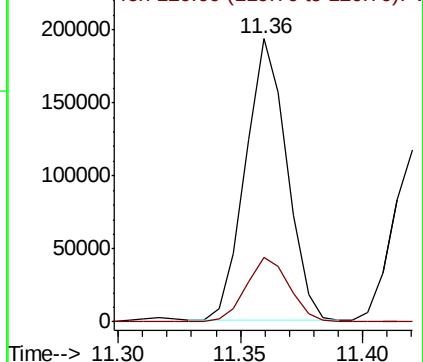
91 100

120 23.8 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





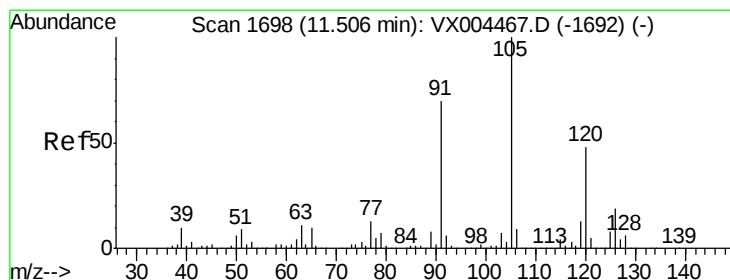
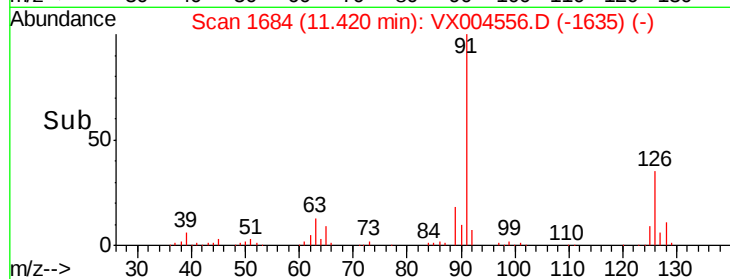
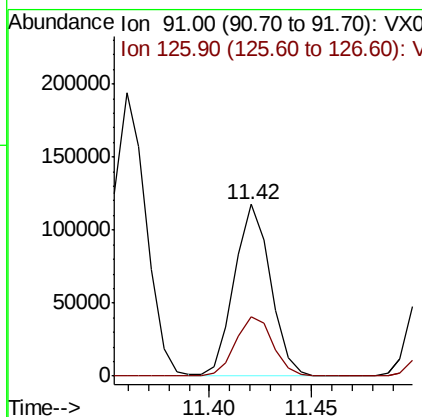
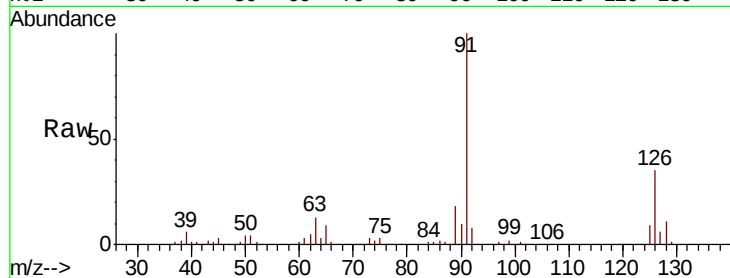
#79  
 2-Chlorotoluene  
 Concen: 21.11 ug/l  
 RT: 11.42 min Scan# 1684  
 Delta R.T. 0.00 min  
 Lab File: VX004556.D  
 Acq: 15 Sep 2018 01:50

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0914WBS02

Tot Ion: 91 Resp: 144050  
 Ion Ratio Lower Upper  
 91 100  
 126 35.8 17.9 53.7

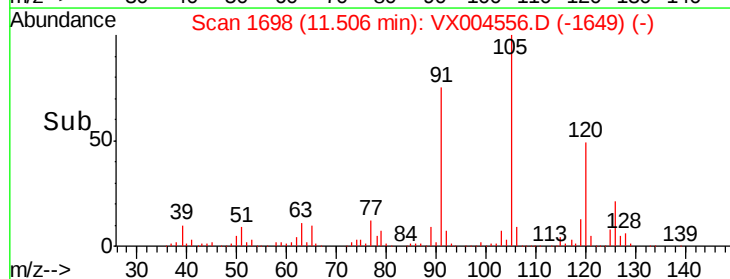
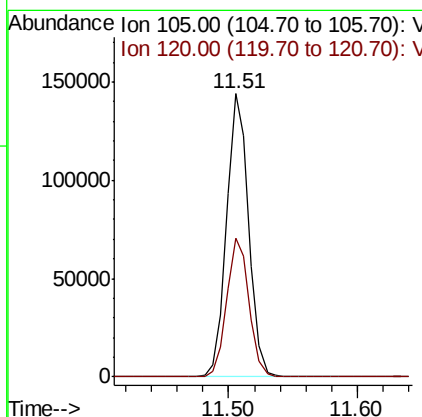
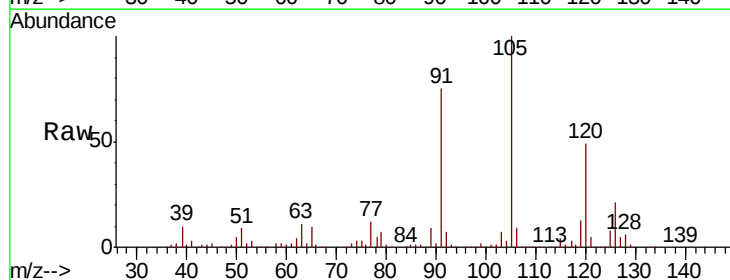
Manual Integrations  
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#80  
 1,3,5-Trimethylbenzene  
 Concen: 21.08 ug/l  
 RT: 11.51 min Scan# 1698  
 Delta R.T. 0.00 min  
 Lab File: VX004556.D  
 Acq: 15 Sep 2018 01:50

Tgt Ion: 105 Resp: 173386  
 Ion Ratio Lower Upper  
 105 100  
 120 49.5 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 21.44 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX004556.D

Acq: 15 Sep 2018 01:50

Instrument :

MSVOA\_X

ClientSampleId :

VX0914WBS02

Tot Ion: 75 Resp: 20108

Ion Ratio Lower Upper

75 100

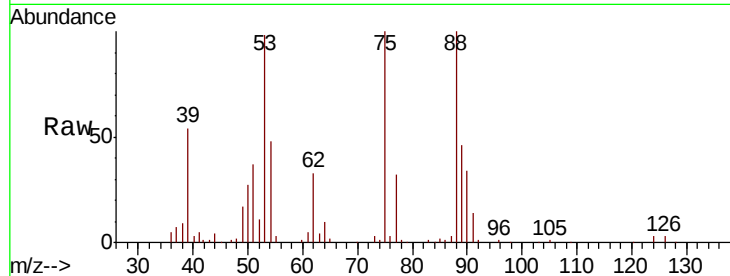
53 99.7 80.1 120.1

89 46.2 37.2 55.8

Manual Integrations  
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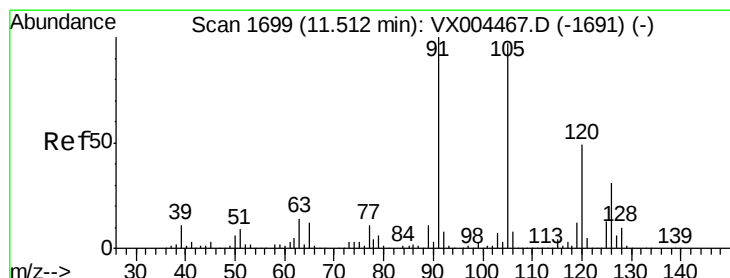
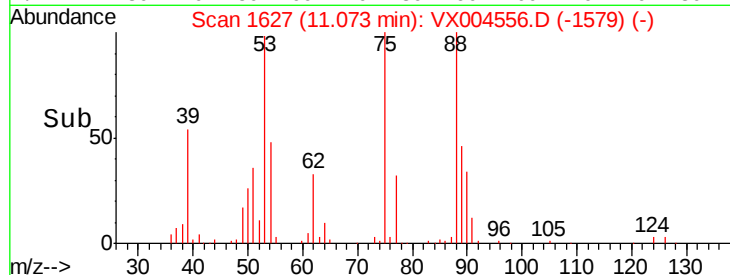
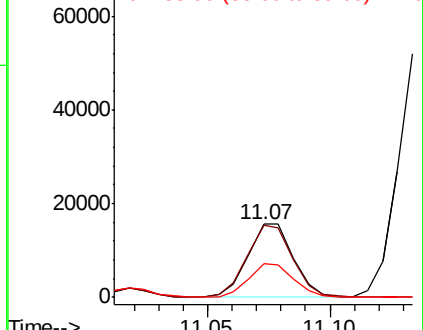
9/17/2018 5:09:29 PM



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.93 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX004556.D

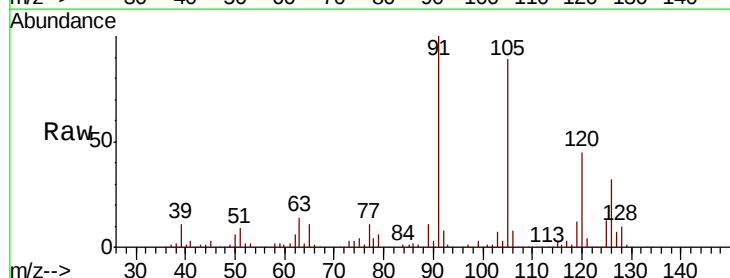
Acq: 15 Sep 2018 01:50

Tgt Ion: 91 Resp: 166682

Ion Ratio Lower Upper

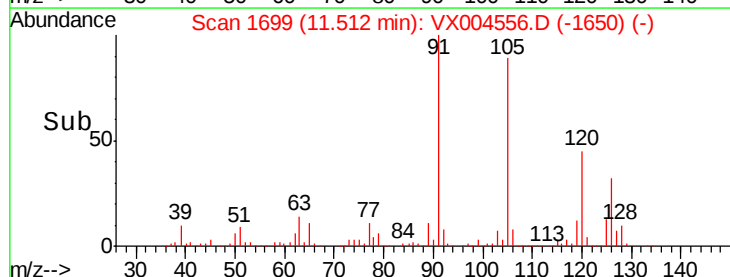
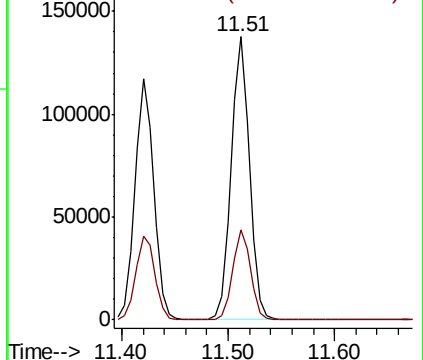
91 100

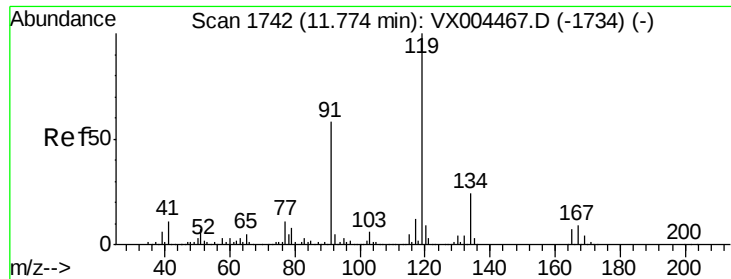
126 31.2 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





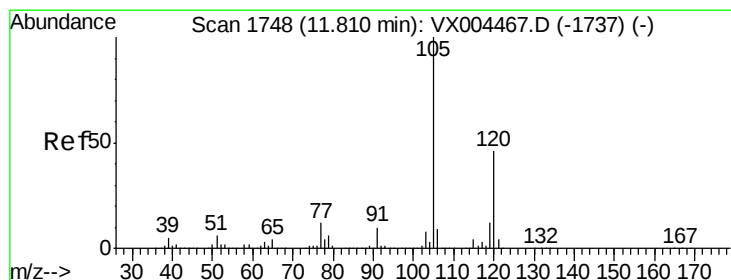
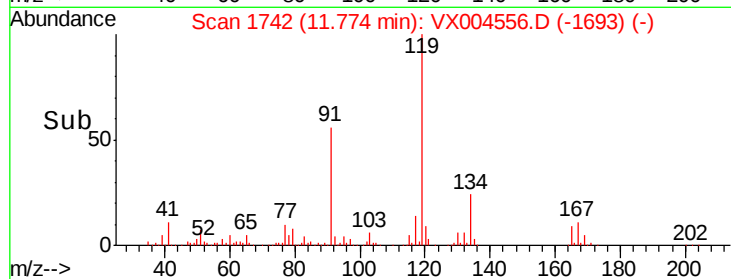
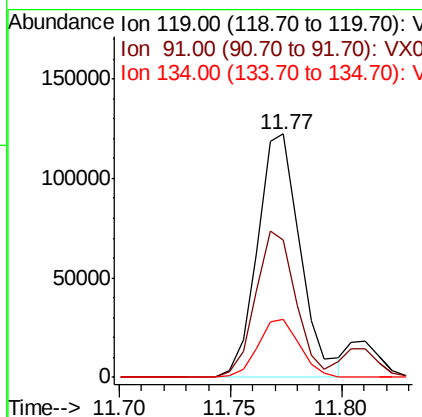
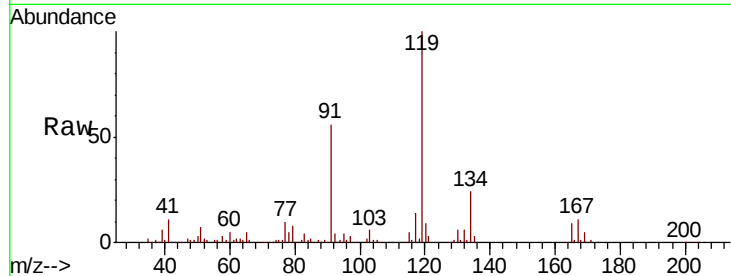
#83  
 tert-Butylbenzene  
 Concen: 20.95 ug/l  
 RT: 11.77 min Scan# 1742  
 Delta R.T. 0.00 min  
 Lab File: VX004556.D  
 Acq: 15 Sep 2018 01:50

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0914WBS02

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 164075 |       |       |
| 91      | 56.6  | 27.0   | 81.0  |       |
| 134     | 23.3  | 11.7   | 35.1  |       |

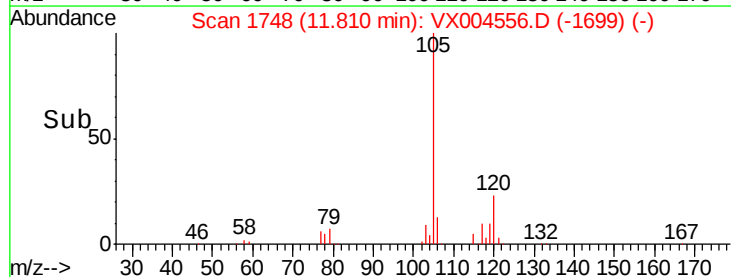
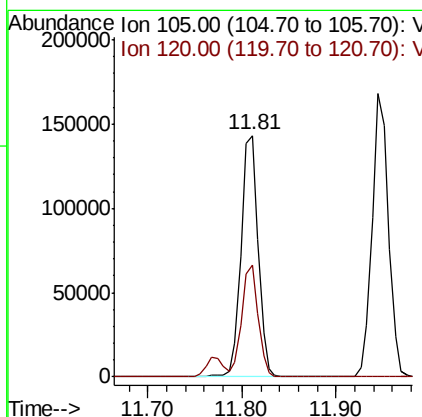
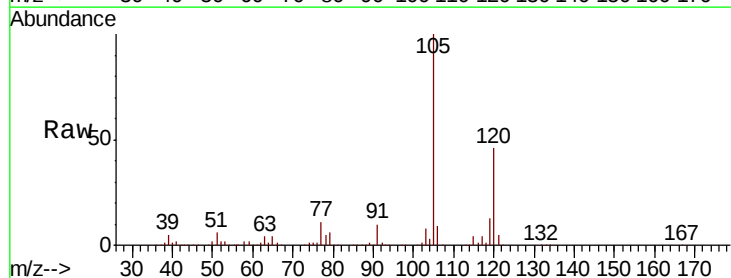
Manual Integrations  
 APPROVED

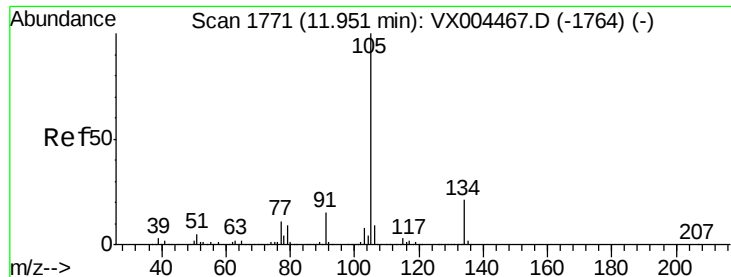
MMDadoda  
 9/17/2018 5:09:29 PM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 21.58 ug/l  
 RT: 11.81 min Scan# 1748  
 Delta R.T. 0.00 min  
 Lab File: VX004556.D  
 Acq: 15 Sep 2018 01:50

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 181287 |       |       |
| 120     | 44.5  | 23.2   | 69.6  |       |





#85

sec-Butylbenzene

Concen: 20.27 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004556.D

Acq: 15 Sep 2018 01:50

Instrument :

MSVOA\_X

ClientSampleId :

VX0914WBS02

Tot Ion:105 Resp: 202357

Ion Ratio Lower Upper

105 100

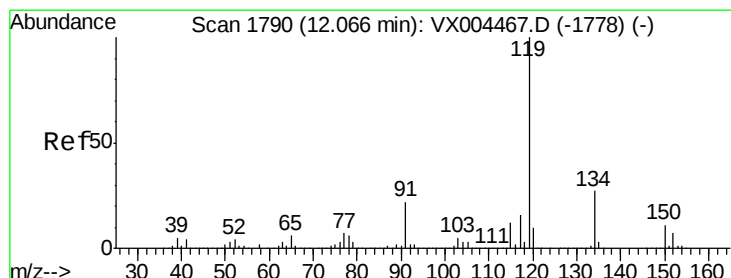
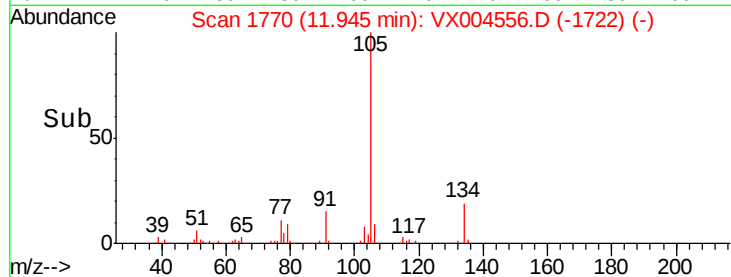
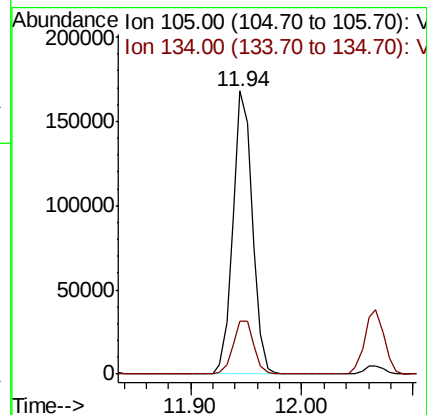
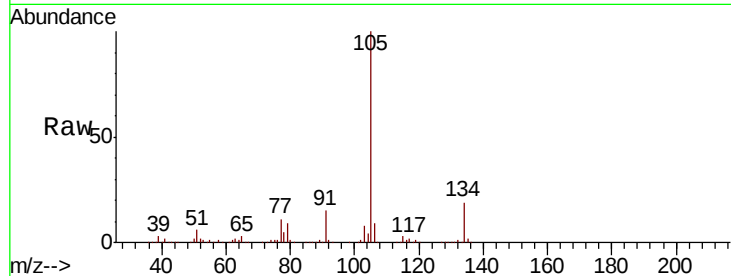
134 20.1 10.5 31.5

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 20.02 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX004556.D

Acq: 15 Sep 2018 01:50

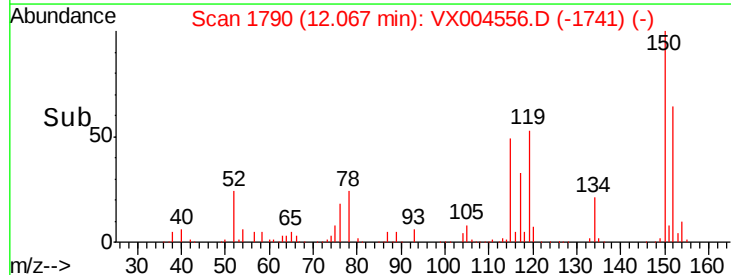
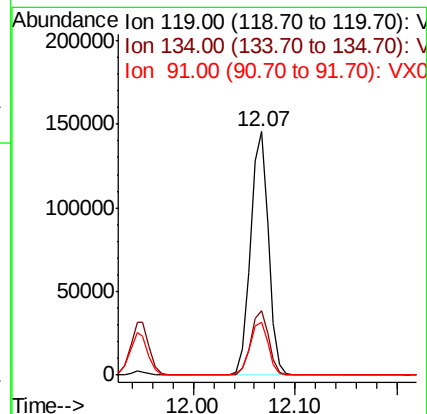
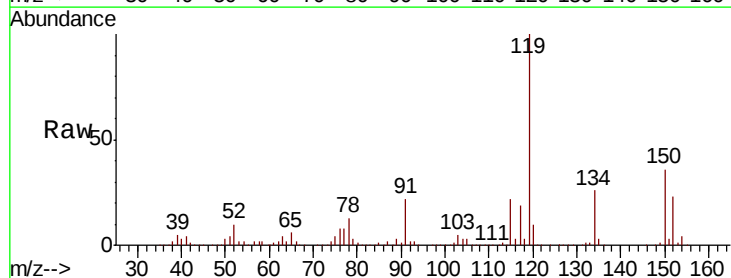
Tgt Ion:119 Resp: 176467

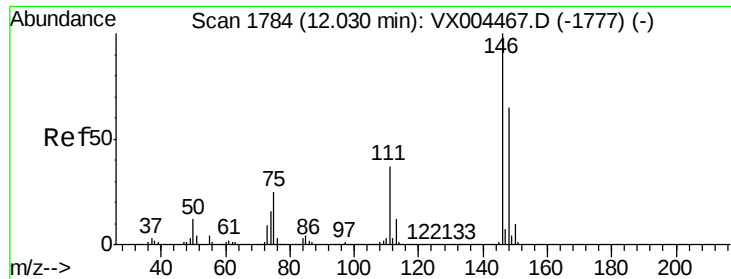
Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.2

91 22.5 10.9 32.7





#87

1,3-Dichlorobenzene

Concen: 20.65 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VX004556.D

Acq: 15 Sep 2018 01:50

Instrument :

MSVOA\_X

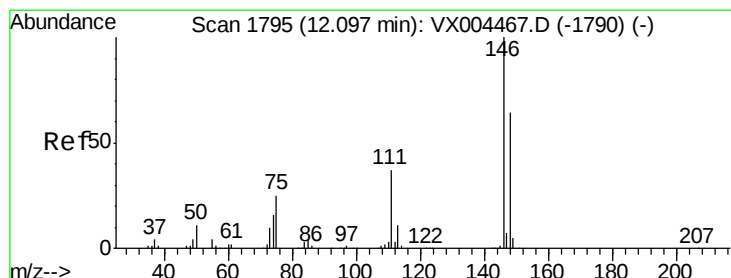
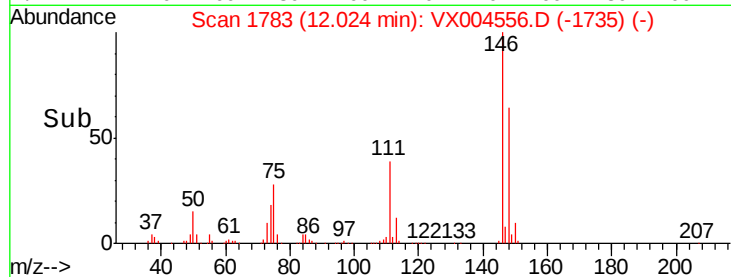
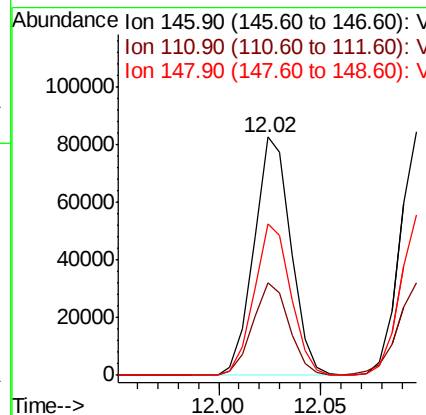
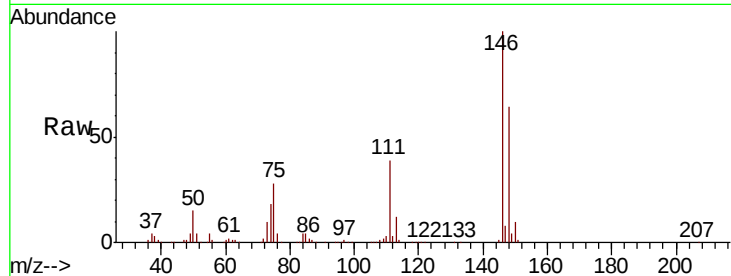
ClientSampled :

VX0914WBS02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 104200 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 38.1  | 18.7  | 56.1   |
| 148       | 63.3  | 32.1  | 96.5   |

Manual Integrations  
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9/17/2018 5:09:29 PM



#88

1,4-Dichlorobenzene

Concen: 20.10 ug/l

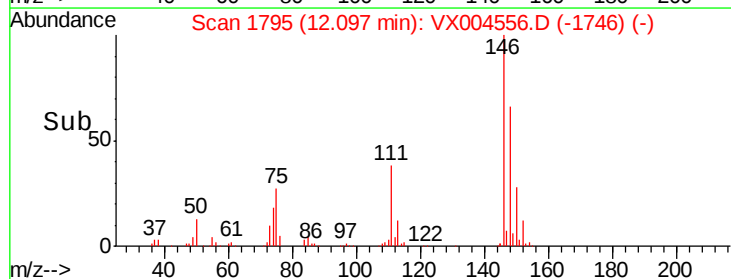
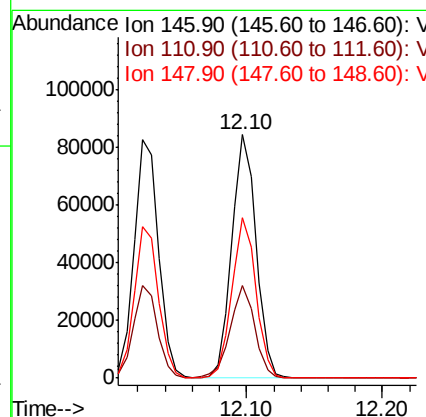
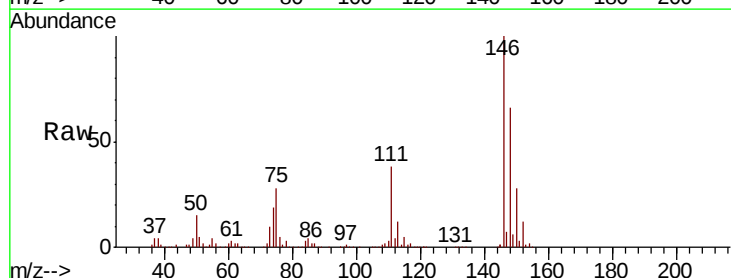
RT: 12.10 min Scan# 1795

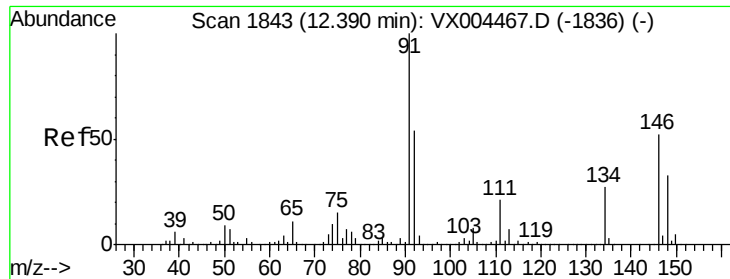
Delta R.T. 0.00 min

Lab File: VX004556.D

Acq: 15 Sep 2018 01:50

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 104822 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 38.6  | 18.1  | 54.1   |
| 148       | 65.2  | 32.0  | 96.0   |





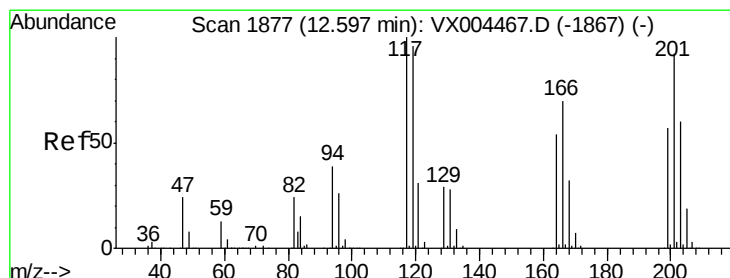
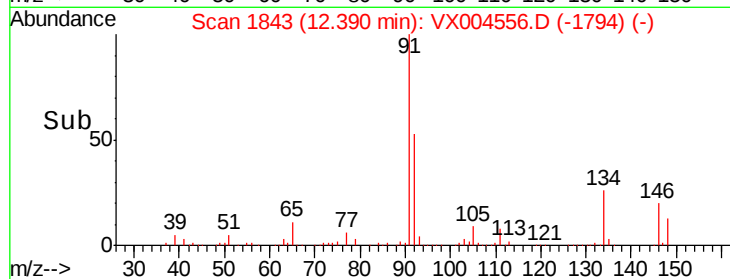
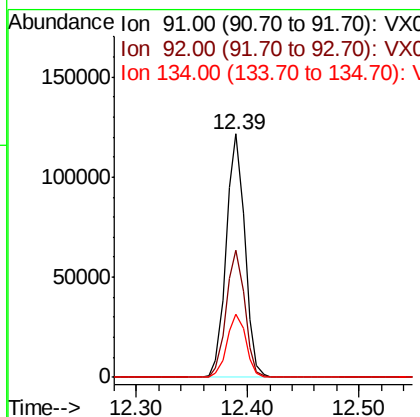
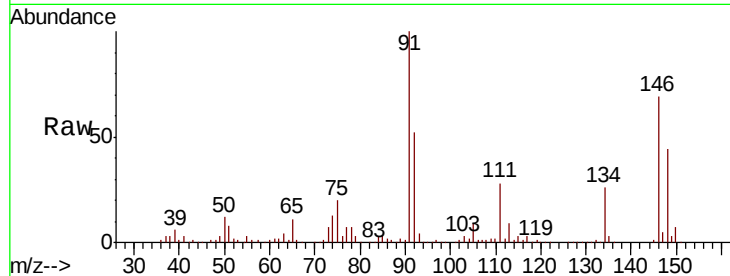
#89  
n-Butylbenzene  
Concen: 17.50 ug/l  
RT: 12.39 min Scan# 1843  
Delta R.T. 0.00 min  
Lab File: VX004556.D  
Acq: 15 Sep 2018 01:50

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0914WBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 52.1  | 27.3  | 81.9  |
| 134     | 26.5  | 13.6  | 40.7  |

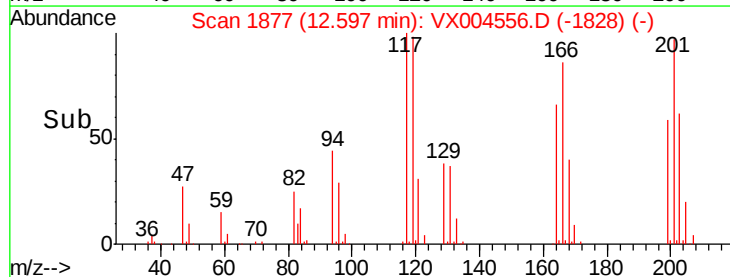
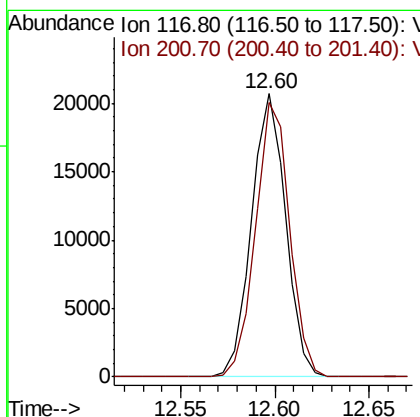
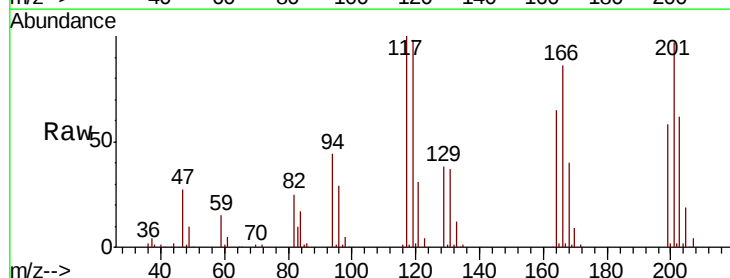
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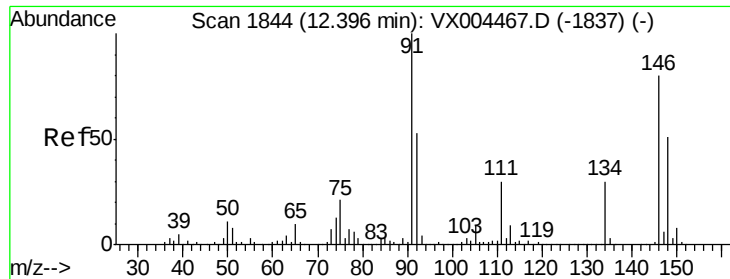
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#90  
Hexachloroethane  
Concen: 18.39 ug/l  
RT: 12.60 min Scan# 1877  
Delta R.T. 0.00 min  
Lab File: VX004556.D  
Acq: 15 Sep 2018 01:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 97.0  | 46.9  | 140.6 |





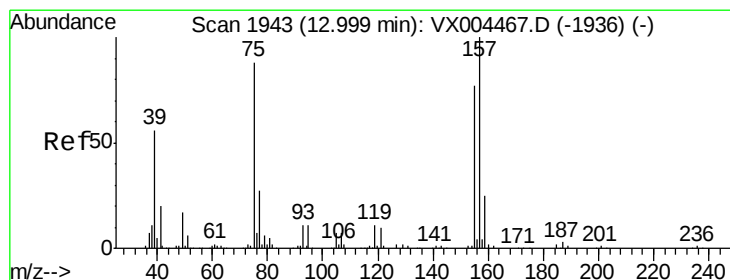
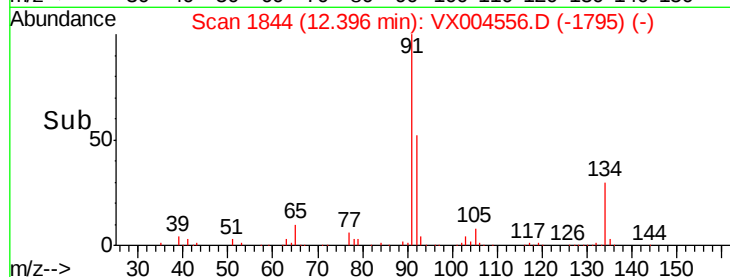
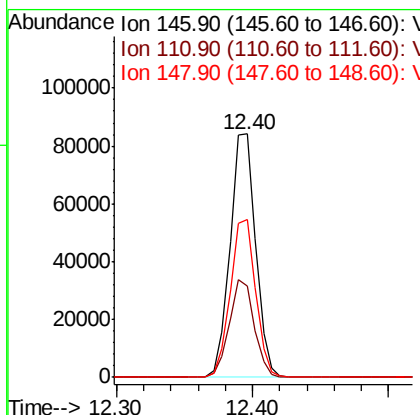
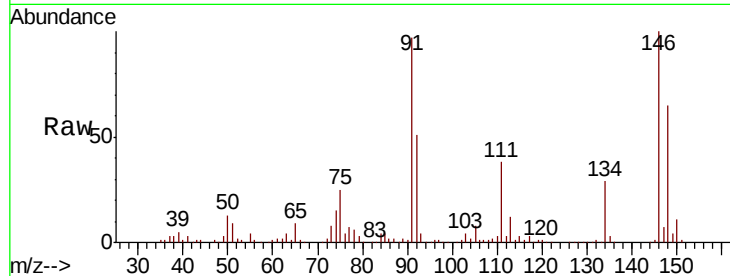
#91  
 1,2-Dichlorobenzene  
 Concen: 21.58 ug/l  
 RT: 12.40 min Scan# 1844  
 Delta R.T. 0.00 min  
 Lab File: VX004556.D  
 Acq: 15 Sep 2018 01:50

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0914WBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.9  | 19.4  | 58.1  |
| 148     | 64.4  | 32.8  | 98.3  |

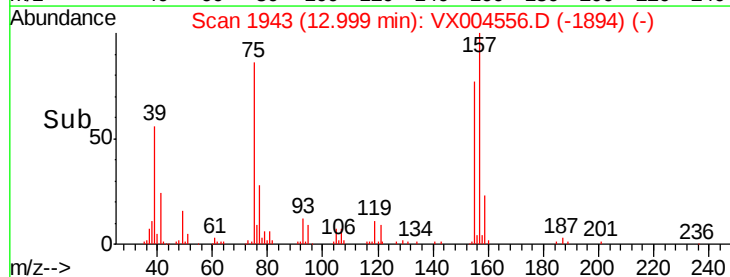
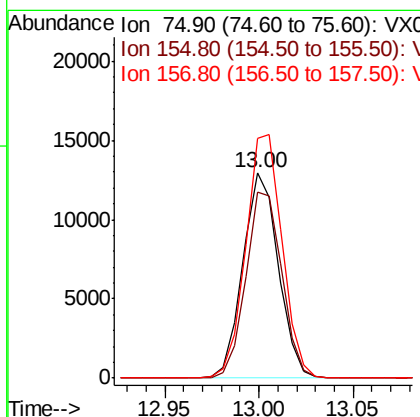
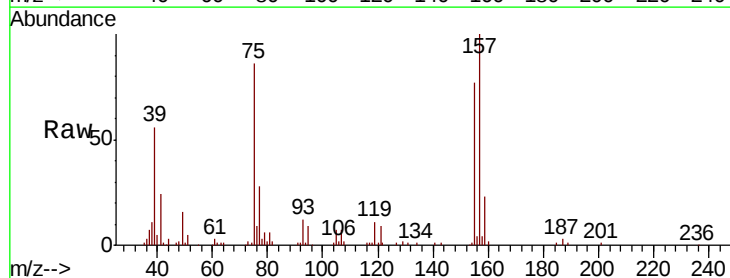
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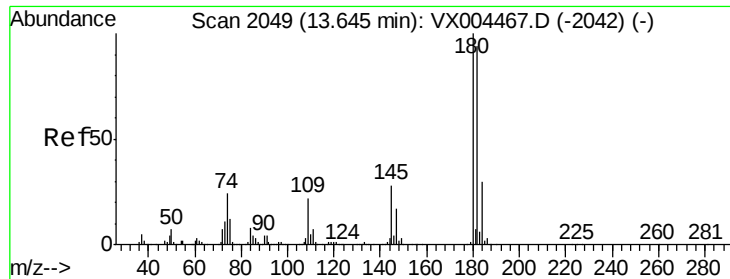
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 25.09 ug/l  
 RT: 13.00 min Scan# 1943  
 Delta R.T. 0.00 min  
 Lab File: VX004556.D  
 Acq: 15 Sep 2018 01:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 92.1  | 48.0  | 144.2 |
| 157     | 121.7 | 61.4  | 184.1 |





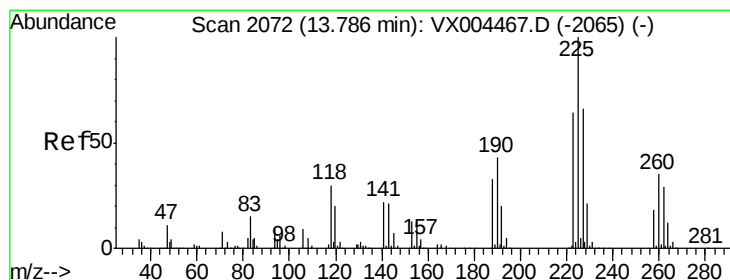
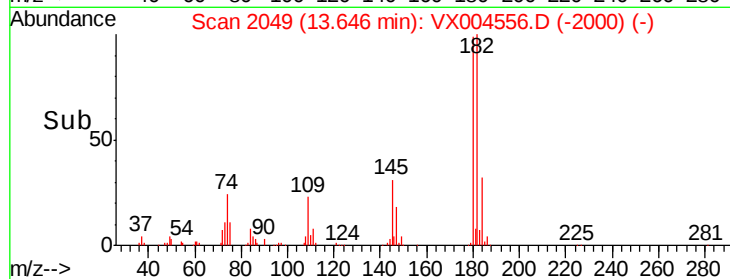
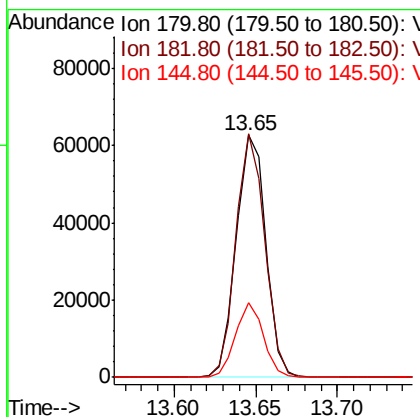
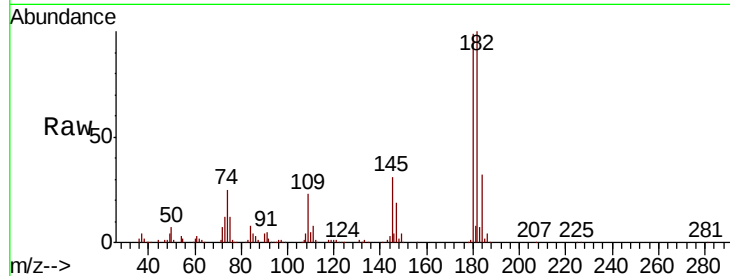
#93  
 1,2,4-Trichlorobenzene  
 Concen: 21.99 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. 0.00 min  
 Lab File: VX004556.D  
 Acq: 15 Sep 2018 01:50

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0914WBS02

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 79543 |       |       |
| 182     | 97.7  | 48.4  | 145.0 |       |
| 145     | 28.9  | 14.3  | 42.9  |       |

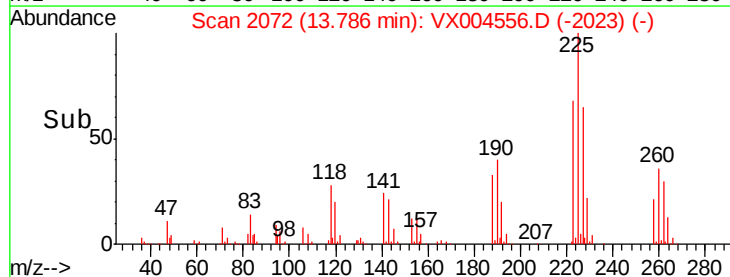
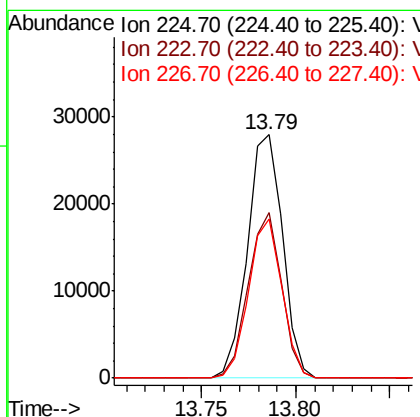
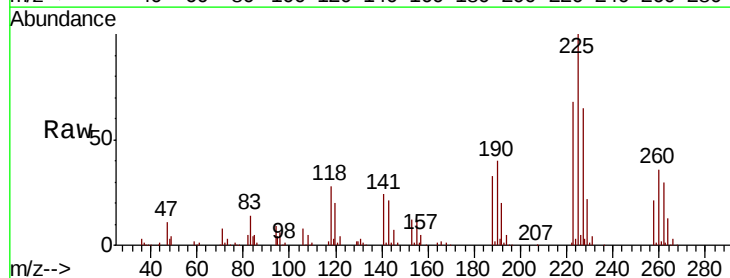
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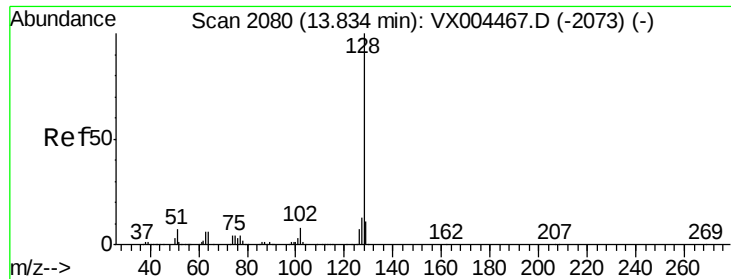
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#94  
 Hexachlorobutadiene  
 Concen: 19.18 ug/l  
 RT: 13.79 min Scan# 2072  
 Delta R.T. 0.00 min  
 Lab File: VX004556.D  
 Acq: 15 Sep 2018 01:50

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 36235 |       |       |
| 223     | 64.5  | 30.1  | 90.5  |       |
| 227     | 62.0  | 30.8  | 92.4  |       |





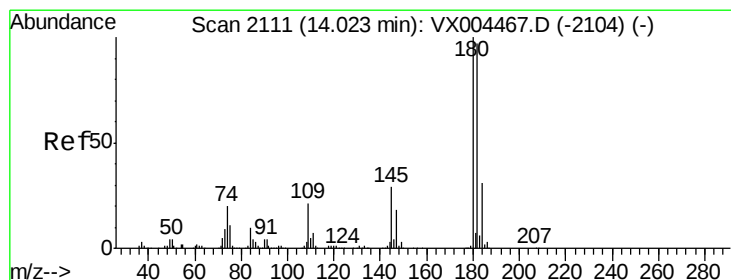
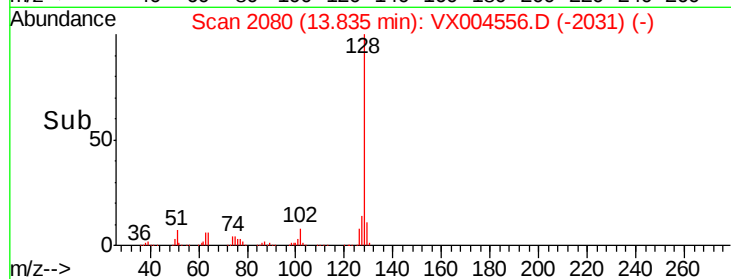
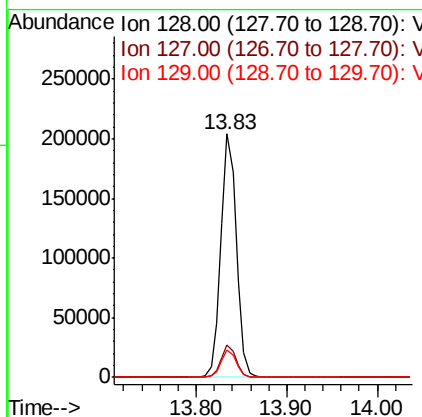
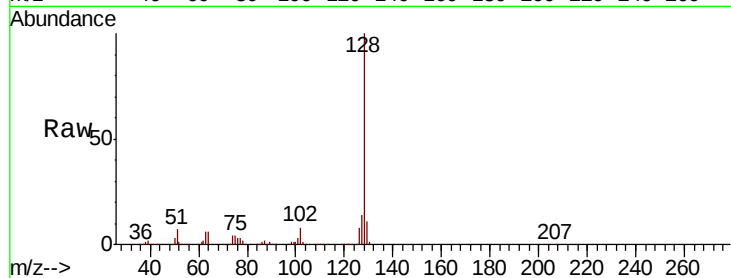
#95  
Naphthalene  
Concen: 24.18 ug/l  
RT: 13.83 min Scan# 2080  
Delta R.T. 0.00 min  
Lab File: VX004556.D  
Acq: 15 Sep 2018 01:50

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0914WBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.1  | 10.2  | 15.2  |
| 129     | 10.9  | 8.6   | 12.8  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 22.33 ug/l  
RT: 14.02 min Scan# 2111  
Delta R.T. 0.00 min  
Lab File: VX004556.D  
Acq: 15 Sep 2018 01:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.6  | 48.5  | 145.6 |
| 145     | 28.8  | 14.9  | 44.9  |

