

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060618\  
 Data File : VX002364.D  
 Acq On : 06 Jun 2018 20:22  
 Operator : JC/MD  
 Sample : J3312-07  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 W-04

Quant Time: Jun 07 03:26:52 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X060418W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 05 03:22:35 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 231488   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.87  | 114  | 332698   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 301401   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.09 | 152  | 164671   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.07  | 65   | 157389   | 47.36 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 94.72% |          |
| 35) Dibromofluoromethane    | 5.51  | 113  | 117708   | 44.99 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 89.98% |          |
| 50) Toluene-d8              | 8.72  | 98   | 478630   | 47.73 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 95.46% |          |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 164535   | 42.55 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 85.10% |          |

| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 3) Chloromethane               | 1.32  | 50   | 4447     | Below Cal | #      | 56     |
| 5) Bromomethane                | 1.66  | 94   | 795      | Below Cal |        | 82     |
| 6) Chloroethane                | 1.99  | 64   | 603      | 0.31      | ug/l # | 54     |
| 8) Diethyl Ether               | 2.30  | 74   | 94       | Below Cal |        | 99     |
| 10) Methyl Iodide              | 2.52  | 142  | 772      | 0.22      | ug/l # | 81     |
| 11) Tert butyl alcohol         | 3.06  | 59   | 1973     | Below Cal | #      | 87     |
| 13) Acrolein                   | 2.32  | 56   | 104      | Below Cal | #      | 14     |
| 15) Acrylonitrile              | 3.17  | 53   | 396      | Below Cal | #      | 36     |
| 16) Acetone                    | 2.45  | 43   | 7409     | Below Cal |        | 93     |
| 18) Methyl Acetate             | 2.78  | 43   | 199      | Below Cal | #      | 19     |
| 19) Methyl tert-butyl Ether    | 3.20  | 73   | 457      | Below Cal | #      | 40     |
| 20) Methylene Chloride         | 2.86  | 84   | 1149     | Below Cal | #      | 91     |
| 22) Diisopropyl ether          | 3.89  | 45   | 135      | Below Cal | #      | 48     |
| 25) 2-Butanone                 | 4.72  | 43   | 1030     | 0.45      | ug/l # | 88     |
| 28) Bromochloromethane         | 5.02  | 49   | 27       | Below Cal | #      | 13     |
| 31) Cyclohexane                | 5.58  | 56   | 1545     | 0.37      | ug/l # | 74     |
| 36) 1,1-Dichloropropene        | 5.67  | 75   | 16478    | 4.71      | ug/l # | 50     |
| 38) Carbon Tetrachloride       | 5.67  | 117  | 21592    | 5.90      | ug/l # | 15     |
| 39) Methylcyclohexane          | 7.46  | 83   | 2183     | 0.77      | ug/l   | 91     |
| 55) 1,1,2-Trichloroethane      | 9.17  | 97   | 2895     | 1.03      | ug/l # | 23     |
| 73) Isopropylbenzene           | 11.02 | 105  | 61364    | 5.36      | ug/l   | 100    |
| 75) 1,1,2,2-Tetrachloroethane  | 11.28 | 83   | 940      | 0.26      | ug/l # | 43     |
| 76) 1,2,3-Trichloropropane     | 11.14 | 75   | 88109    | 24.38     | ug/l # | 33     |
| 78) n-propylbenzene            | 11.37 | 91   | 44594    | 3.50      | ug/l   | 100    |
| 79) 2-Chlorotoluene            | 11.37 | 91   | 44594    | 5.55      | ug/l # | 40     |
| 81) trans-1,4-Dichloro-2-buten | 11.14 | 75   | 88109    | 85.48     | ug/l # | 6      |
| 82) 4-Chlorotoluene            | 11.37 | 91   | 44594    | 4.81      | ug/l # | 44     |
| 83) tert-Butylbenzene          | 11.77 | 119  | 12704    | 1.33      | ug/l   | 89     |
| 84) 1,2,4-Trimethylbenzene     | 11.95 | 105  | 66163    | 6.54      | ug/l # | 32     |
| 85) sec-Butylbenzene           | 11.95 | 105  | 66163    | 5.90      | ug/l   | 99     |
| 86) p-Isopropyltoluene         | 12.24 | 119  | 23956    | 2.34      | ug/l   | 95     |
| 89) n-Butylbenzene             | 12.39 | 91   | 19206    | 2.24      | ug/l   | 95     |
| 90) Hexachloroethane           | 12.71 | 117  | 46621    | 28.59     | ug/l # | 1      |
| 92) 1,2-Dibromo-3-Chloropropan | 13.03 | 75   | 207      | 0.26      | ug/l # | 1      |

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Instrument :  
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ClientSampleId :  
W-04

Quant Time: Jun 07 03:26:52 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X060418W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jun 05 03:22:35 2018  
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|--------------------|------|------|----------|------|-------|----------|
|--------------------|------|------|----------|------|-------|----------|

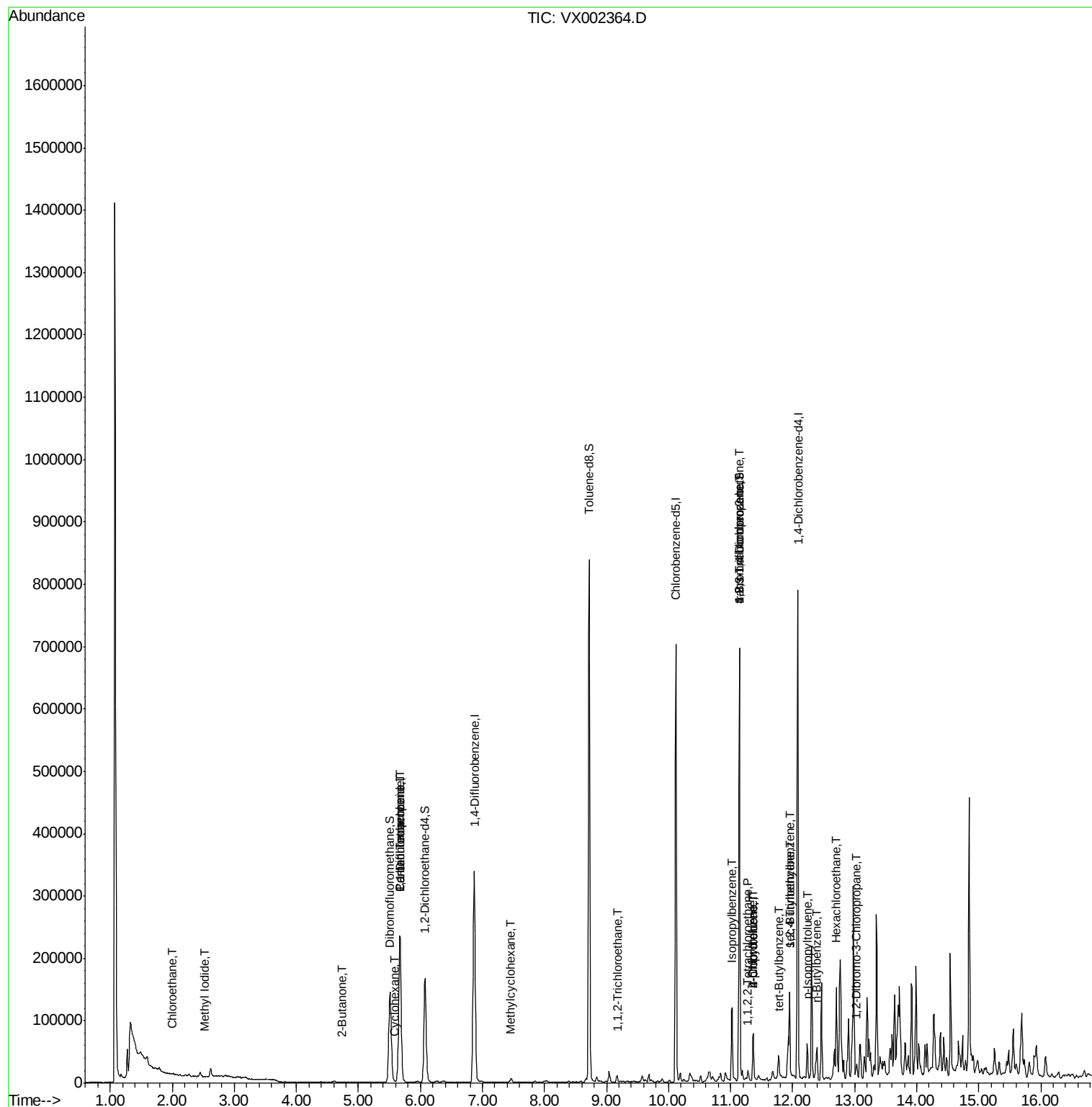
|       |  |  |  |  |  |  |
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002364.D

Acq: 06 Jun 2018 20:22

Instrument :

MSVOA\_X

ClientSampleId :

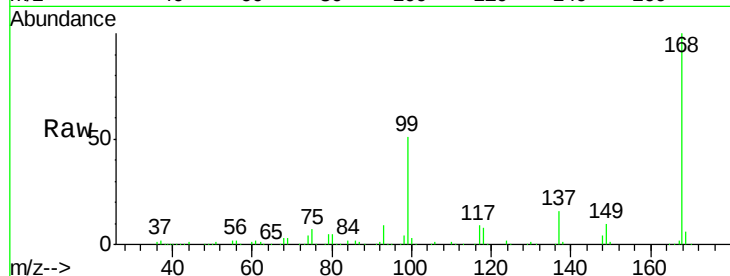
W-04

Tot Ion:168 Resp: 231488

Ion Ratio Lower Upper

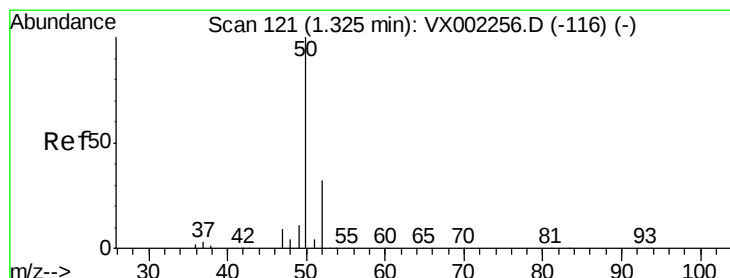
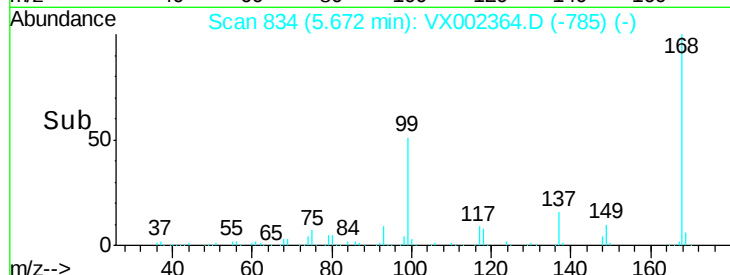
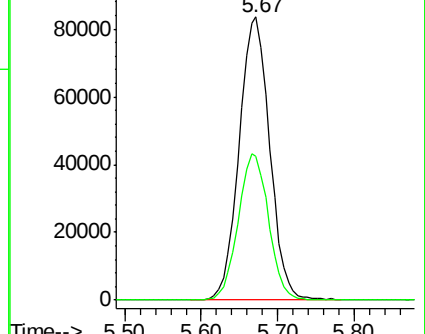
168 100

99 50.7 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002364.D

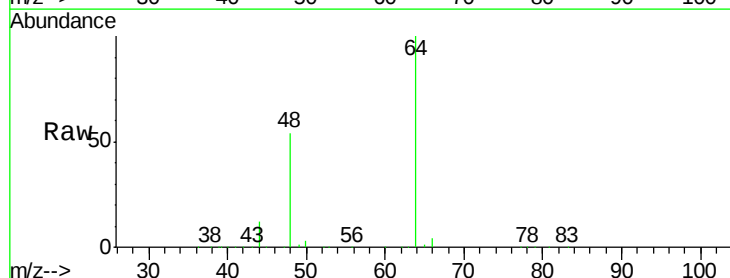
Acq: 06 Jun 2018 20:22

Tgt Ion: 50 Resp: 4447

Ion Ratio Lower Upper

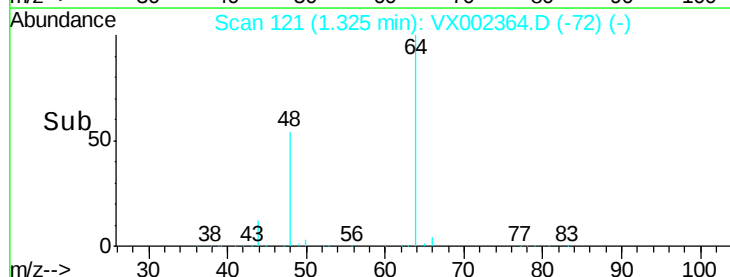
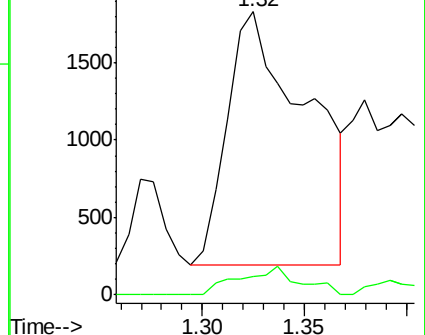
50 100

52 7.4 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.66 min Scan# 176

Delta R.T. 0.03 min

Lab File: VX002364.D

Acq: 06 Jun 2018 20:22

Instrument :

MSVOA\_X

ClientSampled :

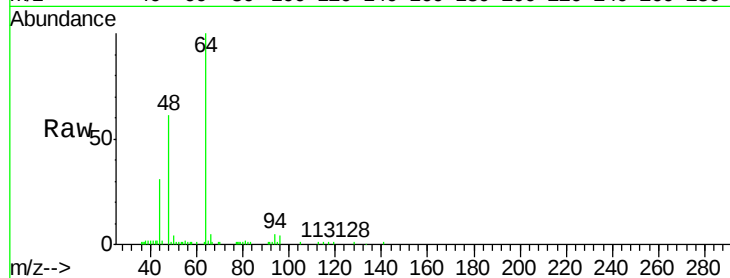
W-04

Tot Ion: 94 Resp: 795

Ion Ratio Lower Upper

94 100

96 75.9 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

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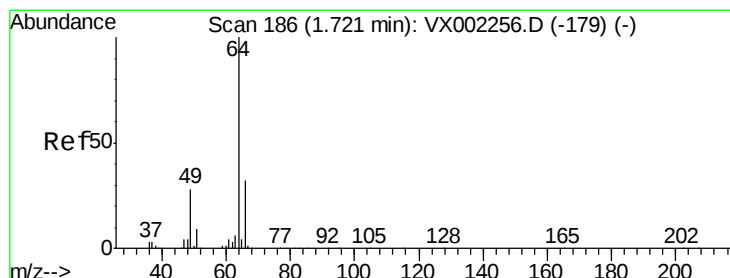
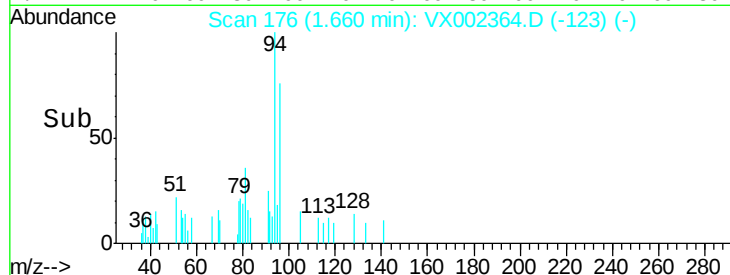
1.66

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#6

Chloroethane

Concen: 0.31 ug/l

RT: 1.99 min Scan# 230

Delta R.T. 0.27 min

Lab File: VX002364.D

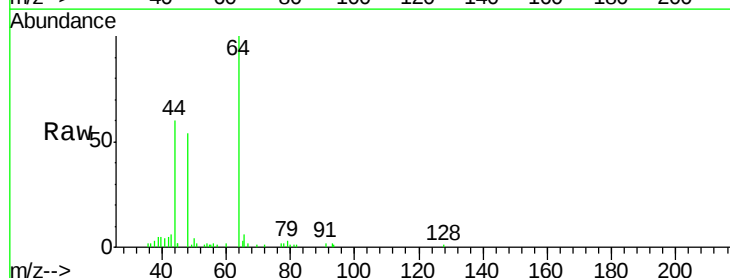
Acq: 06 Jun 2018 20:22

Tgt Ion: 64 Resp: 603

Ion Ratio Lower Upper

64 100

66 6.1 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

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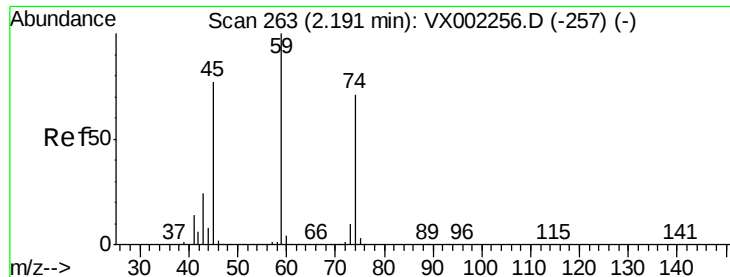
1.99

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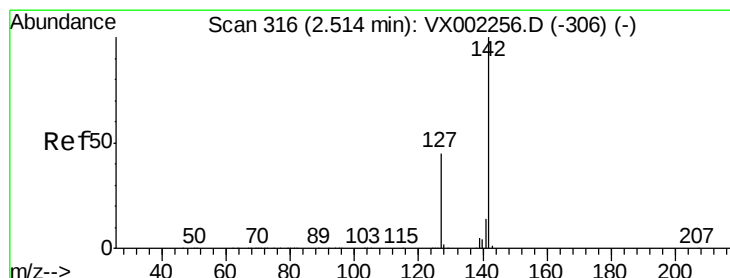
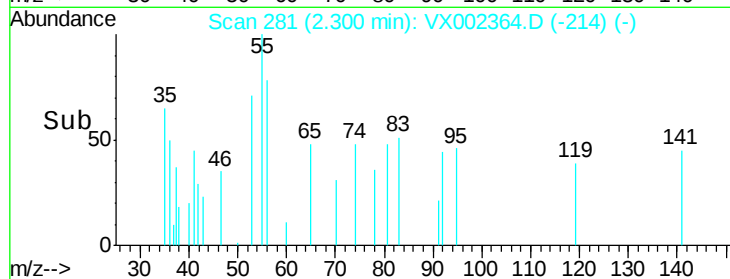
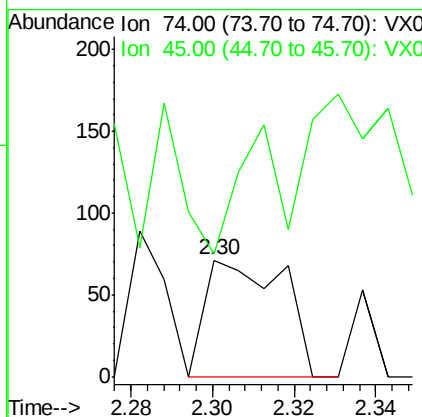
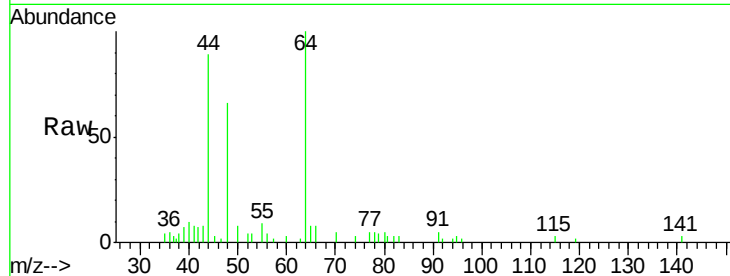
1.99



#8  
Diethyl Ether  
Concen: Below Cal  
RT: 2.30 min Scan# 281  
Delta R.T. 0.11 min  
Lab File: VX002364.D  
Acq: 06 Jun 2018 20:22

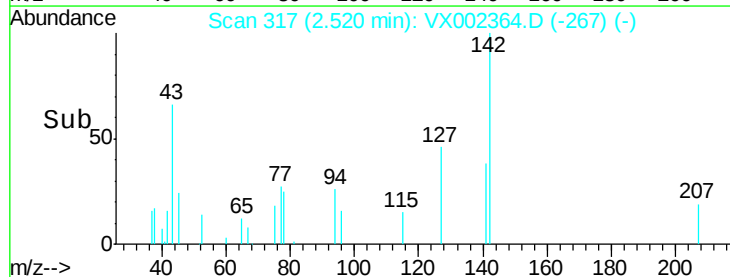
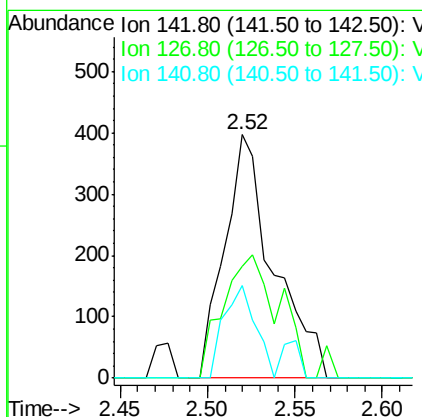
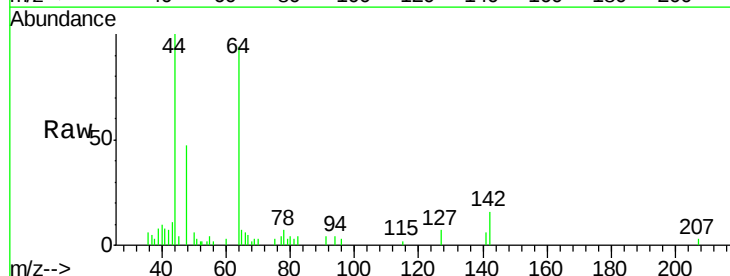
Instrument :  
MSVOA\_X  
ClientSampled :  
W-04

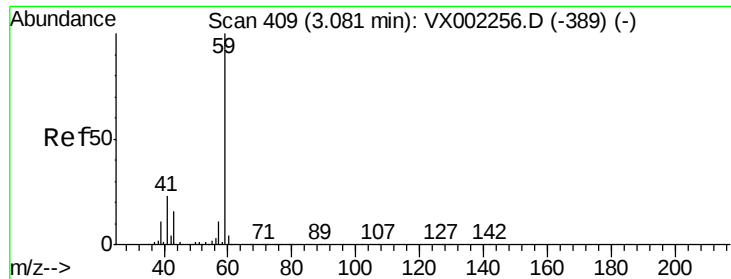
Tot Ion: 74 Resp: 94  
Ion Ratio Lower Upper  
74 100  
45 105.3 53.1 159.4



#10  
Methyl Iodide  
Concen: 0.22 ug/l  
RT: 2.52 min Scan# 317  
Delta R.T. 0.01 min  
Lab File: VX002364.D  
Acq: 06 Jun 2018 20:22

Tgt Ion: 142 Resp: 772  
Ion Ratio Lower Upper  
142 100  
127 57.0 36.6 55.0#  
141 24.6 11.3 16.9#



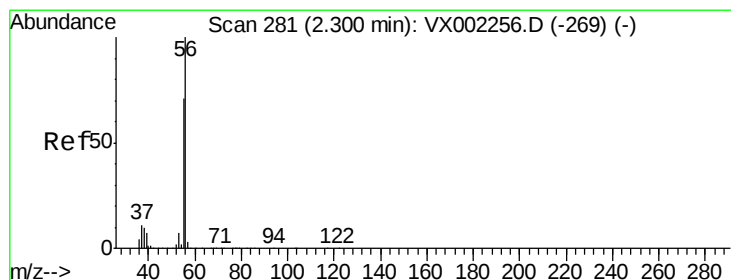
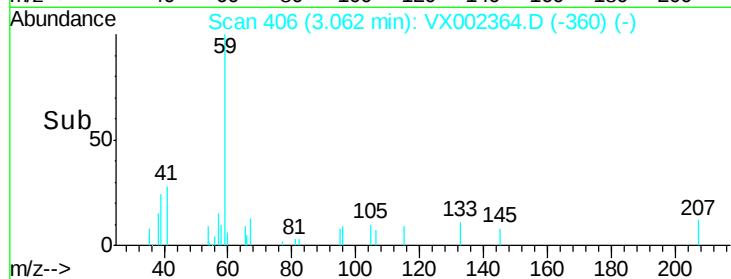
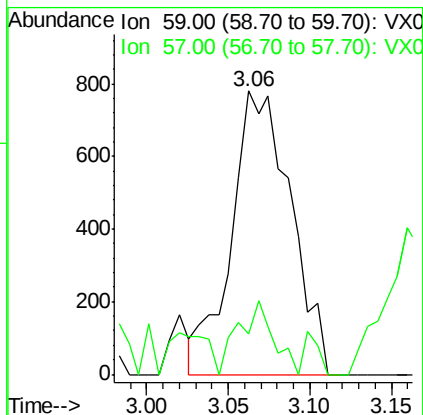
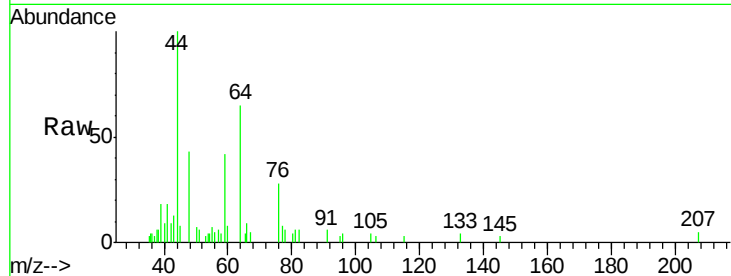


#11

Tert butyl alcohol  
Concen: Below Cal  
RT: 3.06 min Scan# 406  
Delta R.T. -0.02 min  
Lab File: VX002364.D  
Acq: 06 Jun 2018 20:22

Instrument :  
MSVOA\_X  
ClientSampled :  
W-04

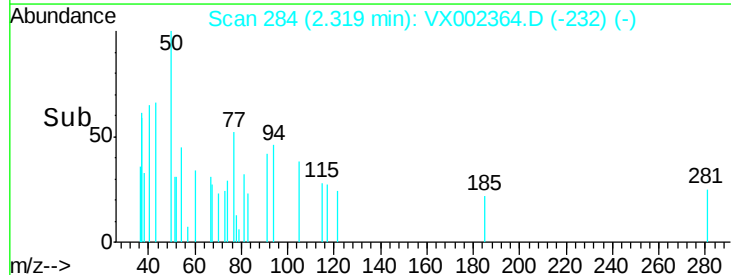
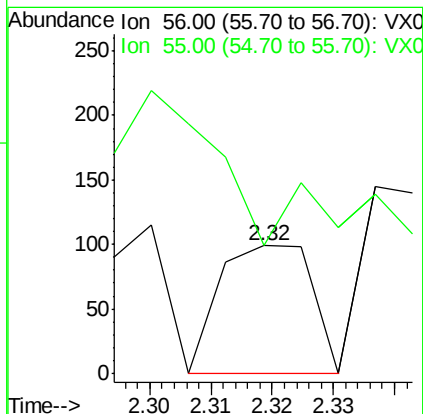
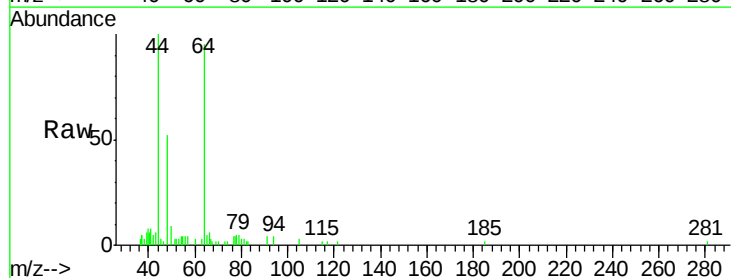
Tot Ion: 59 Resp: 1973  
Ion Ratio Lower Upper  
59 100  
57 15.2 8.2 12.2#

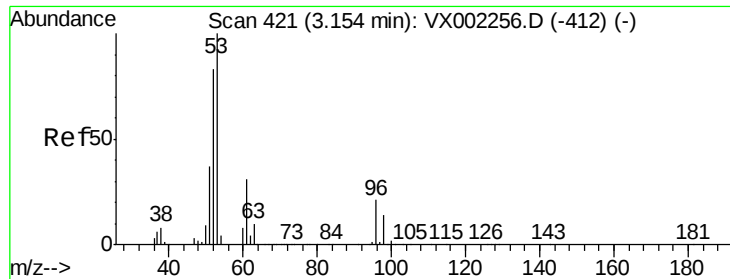


#13

Acrolein  
Concen: Below Cal  
RT: 2.32 min Scan# 284  
Delta R.T. 0.02 min  
Lab File: VX002364.D  
Acq: 06 Jun 2018 20:22

Tgt Ion: 56 Resp: 104  
Ion Ratio Lower Upper  
56 100  
55 0.0 57.0 85.4#





#15

Acrylonitrile

Concen: Below Cal

RT: 3.17 min Scan# 424

Delta R.T. 0.02 min

Lab File: VX002364.D

Acq: 06 Jun 2018 20:22

Instrument :

MSVOA\_X

ClientSampled :

W-04

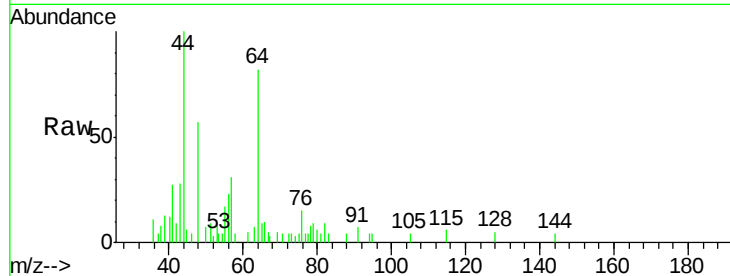
Tot Ion: 53 Resp: 396

Ion Ratio Lower Upper

53 100

52 10.1 66.7 100.1#

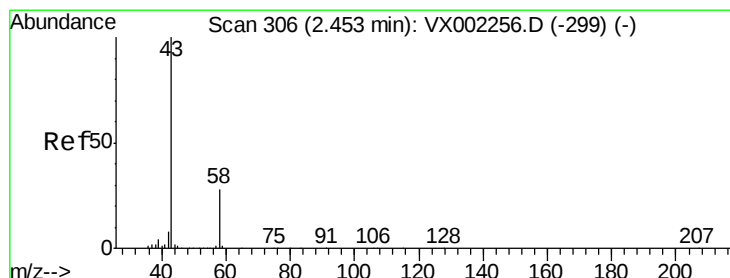
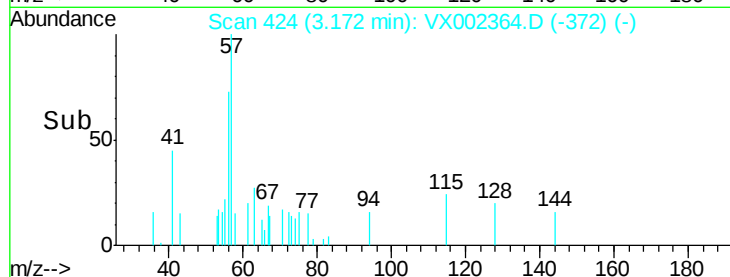
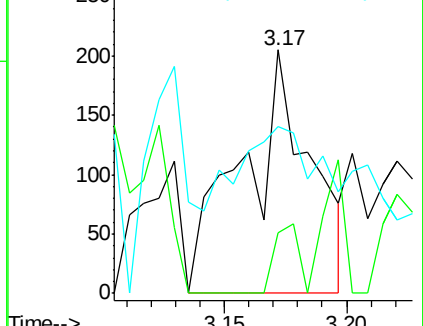
51 52.8 29.9 44.9#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: Below Cal

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002364.D

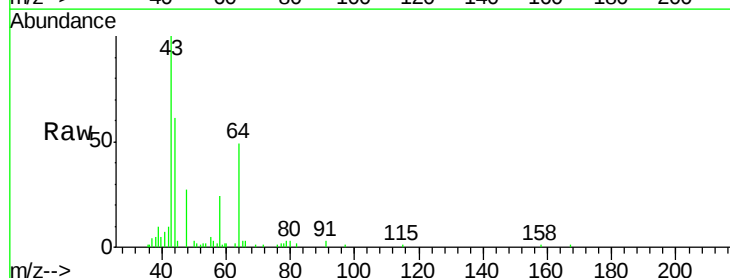
Acq: 06 Jun 2018 20:22

Tgt Ion: 43 Resp: 7409

Ion Ratio Lower Upper

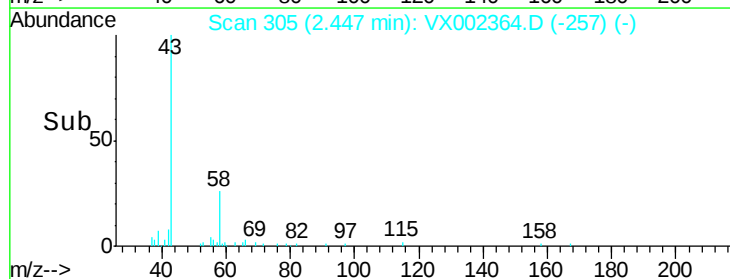
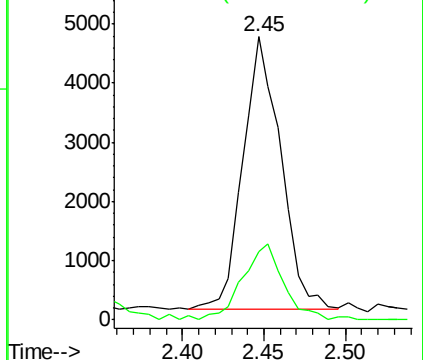
43 100

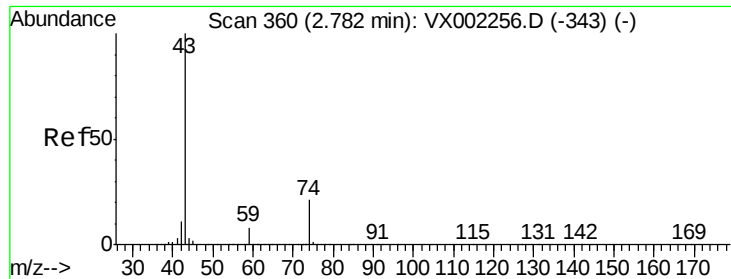
58 24.0 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

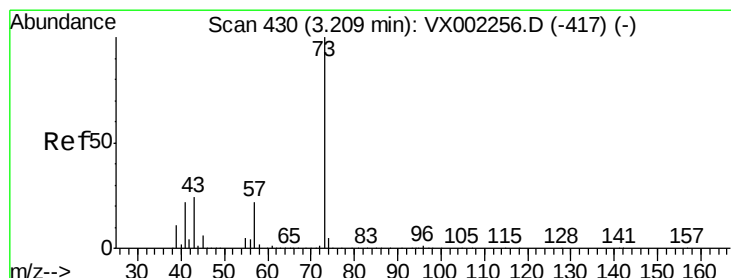
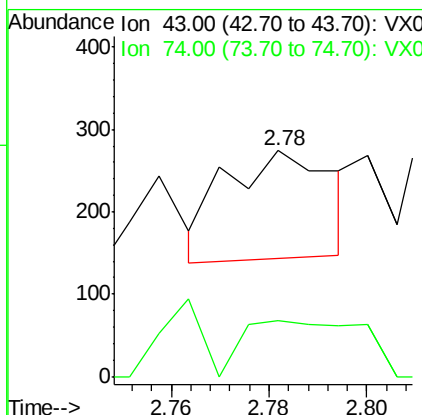
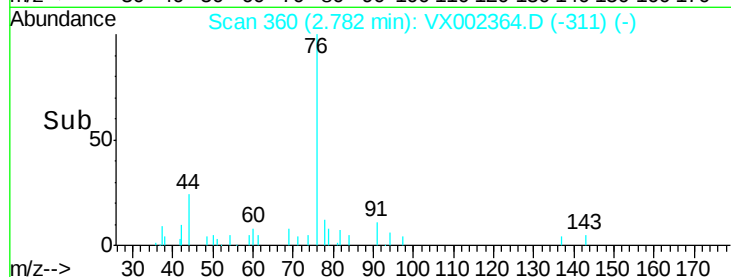
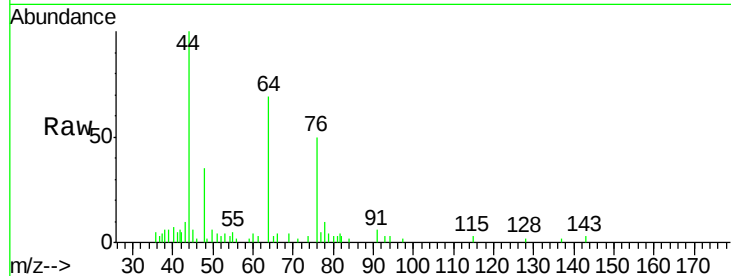




#18  
Methyl Acetate  
Concen: Below Cal  
RT: 2.78 min Scan# 360  
Delta R.T. -0.00 min  
Lab File: VX002364.D  
Acq: 06 Jun 2018 20:22

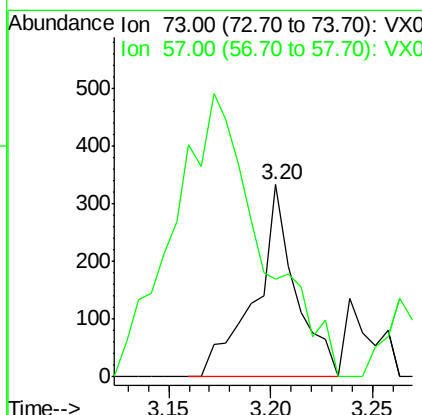
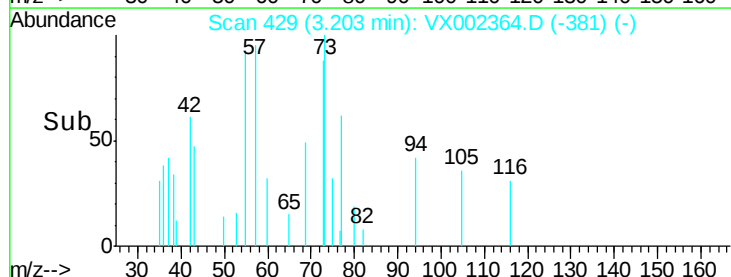
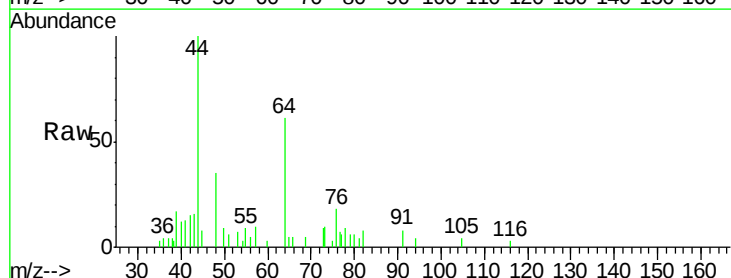
Instrument :  
MSVOA\_X  
ClientSampleId :  
W-04

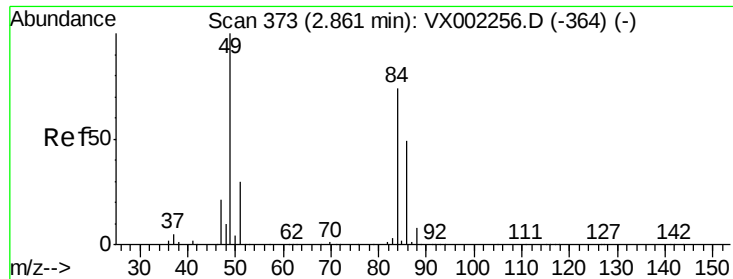
Tot Ion: 43 Resp: 199  
Ion Ratio Lower Upper  
43 100  
74 58.8 16.7 25.1#



#19  
Methyl tert-butyl Ether  
Concen: Below Cal  
RT: 3.20 min Scan# 429  
Delta R.T. -0.01 min  
Lab File: VX002364.D  
Acq: 06 Jun 2018 20:22

Tgt Ion: 73 Resp: 457  
Ion Ratio Lower Upper  
73 100  
57 50.8 17.7 26.5#

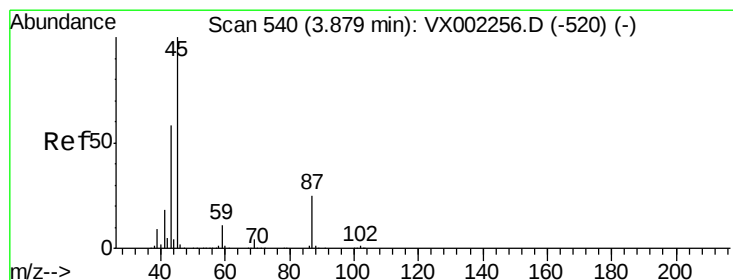
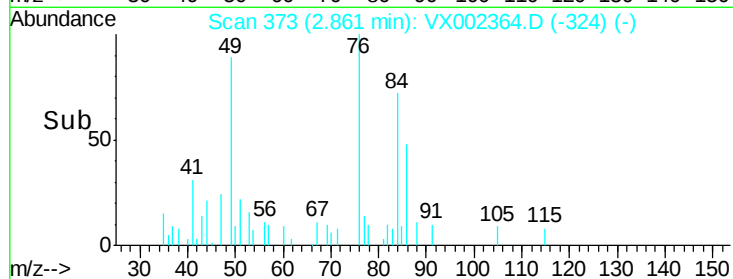
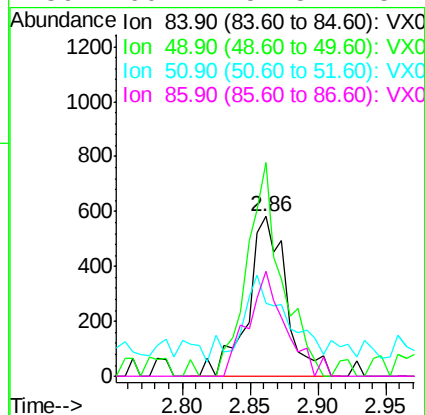
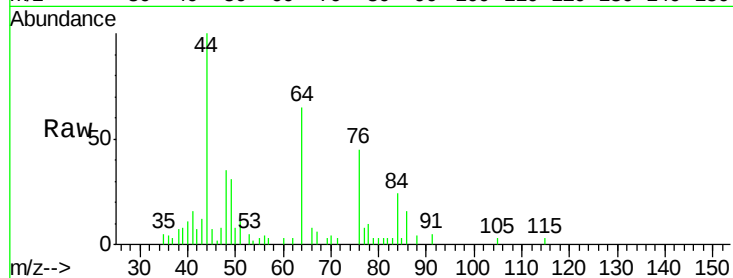




#20  
Methvlene Chloride  
Concen: Below Cal  
RT: 2.86 min Scan# 373  
Delta R.T. 0.00 min  
Lab File: VX002364.D  
Acq: 06 Jun 2018 20:22

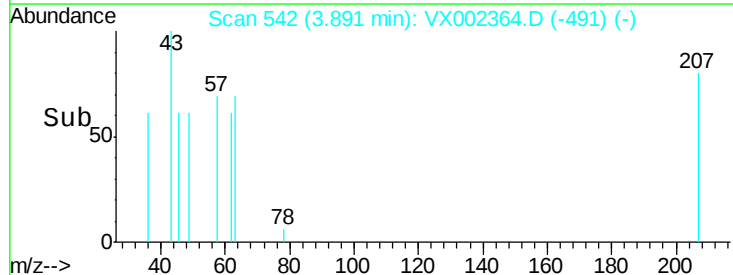
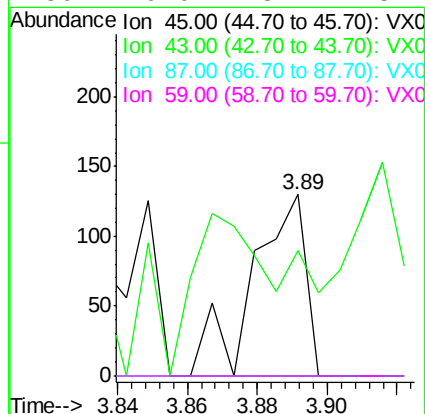
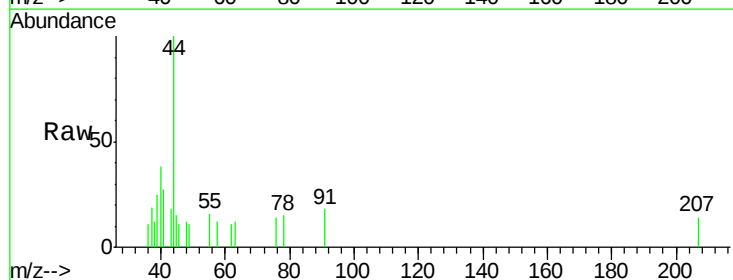
Instrument :  
MSVOA\_X  
ClientSampleId :  
W-04

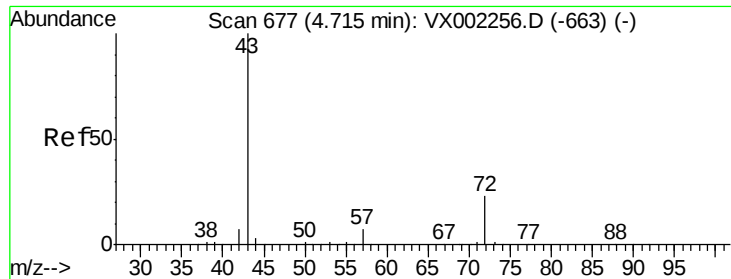
Tot Ion: 84 Resp: 1149  
Ion Ratio Lower Upper  
84 100  
49 123.9 107.8 161.6  
51 27.7 32.8 49.2#  
86 66.2 52.5 78.7



#22  
Diisopropyl ether  
Concen: Below Cal  
RT: 3.89 min Scan# 542  
Delta R.T. 0.01 min  
Lab File: VX002364.D  
Acq: 06 Jun 2018 20:22

Tgt Ion: 45 Resp: 135  
Ion Ratio Lower Upper  
45 100  
43 15.4 46.8 70.2#  
87 0.0 20.2 30.4#  
59 0.0 8.7 13.1#





#25

2-Butanone

Concen: 0.45 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX002364.D

Acq: 06 Jun 2018 20:22

Instrument :

MSVOA\_X

ClientSampled :

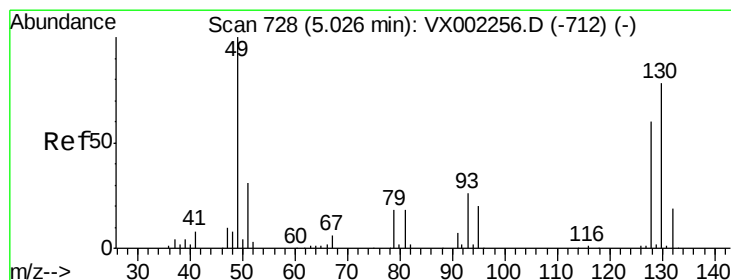
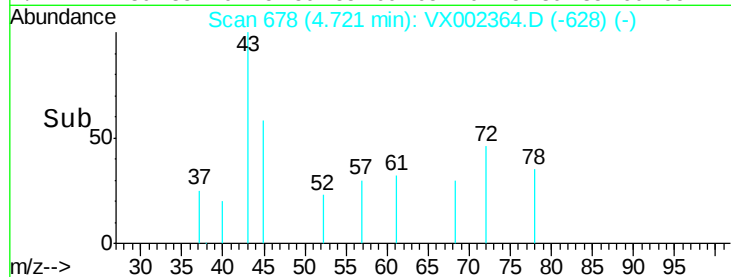
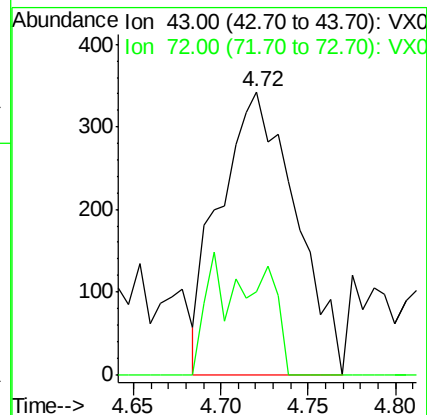
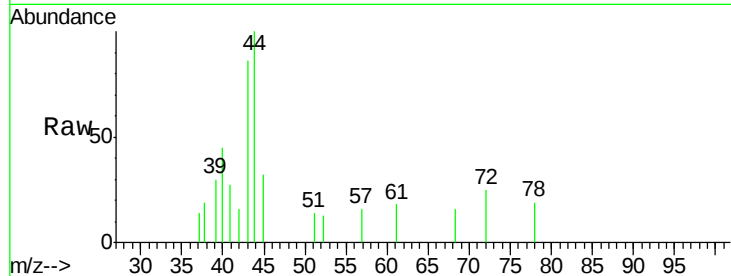
W-04

Tot Ion: 43 Resp: 1030

Ion Ratio Lower Upper

43 100

72 29.2 18.5 27.7#



#28

Bromochloromethane

Concen: Below Cal

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX002364.D

Acq: 06 Jun 2018 20:22

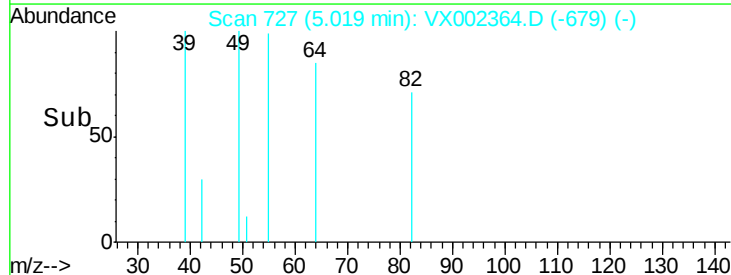
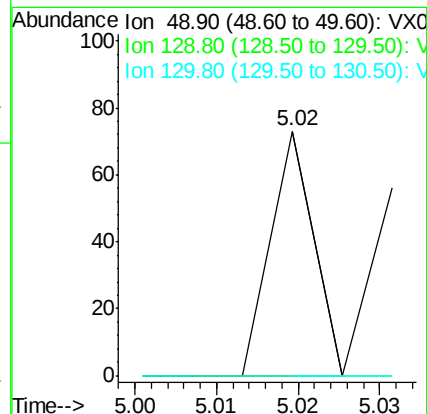
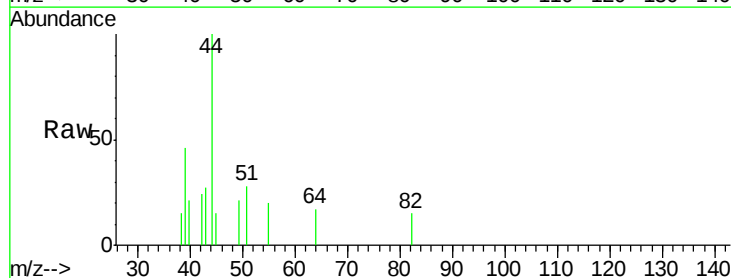
Tgt Ion: 49 Resp: 27

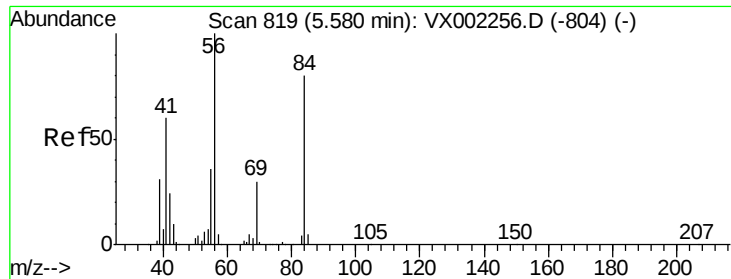
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

130 0.0 61.2 91.8#

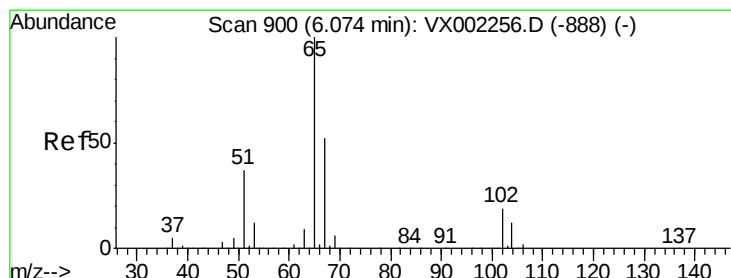
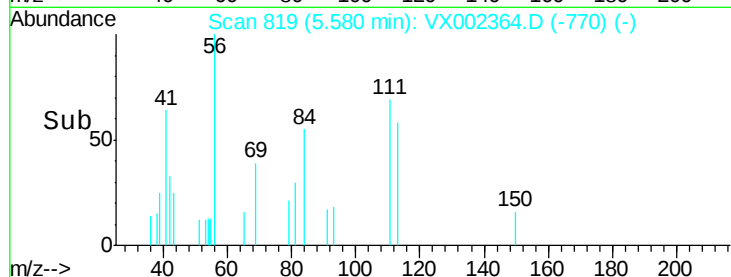
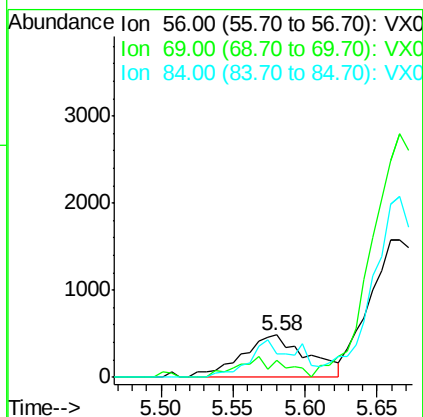
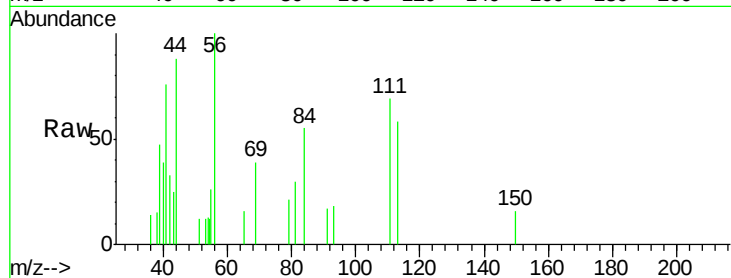




#31  
Cyclohexane  
Concen: 0.37 ug/l  
RT: 5.58 min Scan# 819  
Delta R.T. -0.00 min  
Lab File: VX002364.D  
Acq: 06 Jun 2018 20:22

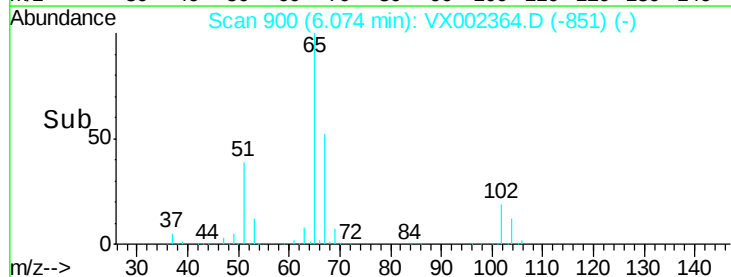
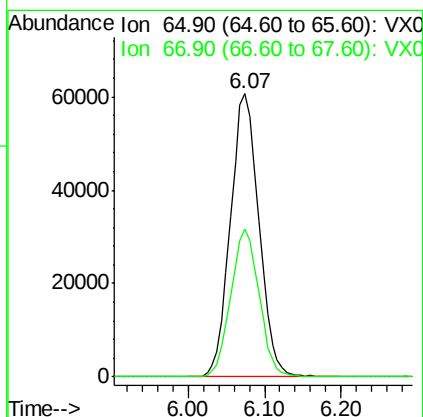
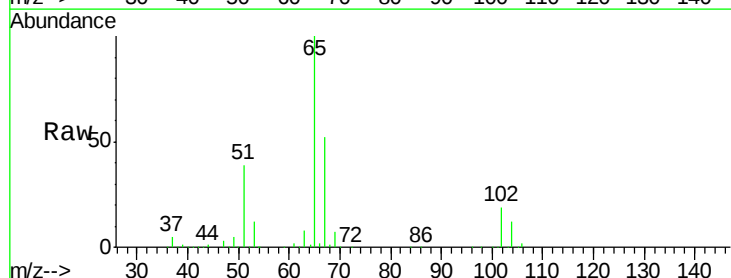
Instrument :  
MSVOA\_X  
ClientSampleId :  
W-04

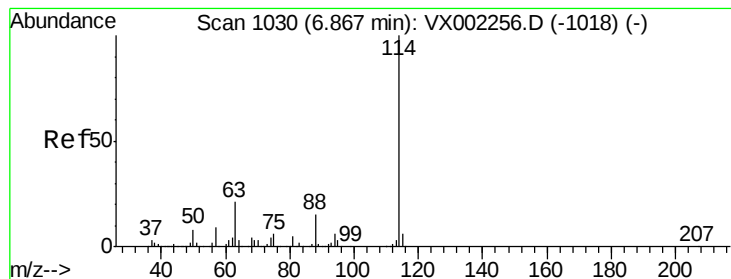
Tot Ion: 56 Resp: 1545  
Ion Ratio Lower Upper  
56 100  
69 39.0 23.7 35.5#  
84 54.6 64.1 96.1#



#33  
1,2-Dichloroethane-d4  
Concen: 47.36 ug/l  
RT: 6.07 min Scan# 900  
Delta R.T. -0.00 min  
Lab File: VX002364.D  
Acq: 06 Jun 2018 20:22

Tgt Ion: 65 Resp: 157389  
Ion Ratio Lower Upper  
65 100  
67 51.7 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002364.D

Acq: 06 Jun 2018 20:22

Instrument :

MSVOA\_X

ClientSampleId :

W-04

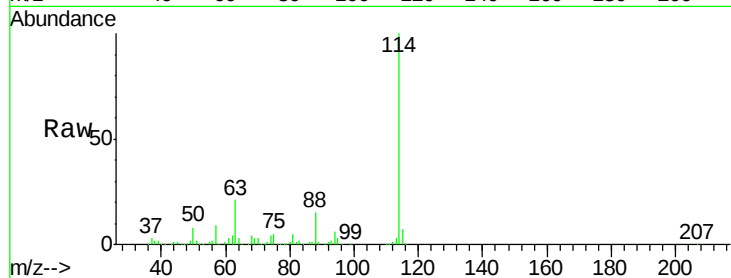
Tot Ion:114 Resp: 332698

Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.4

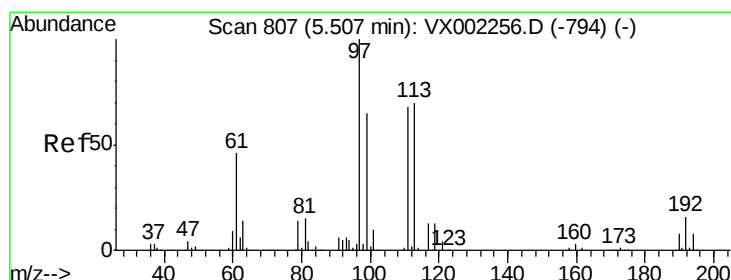
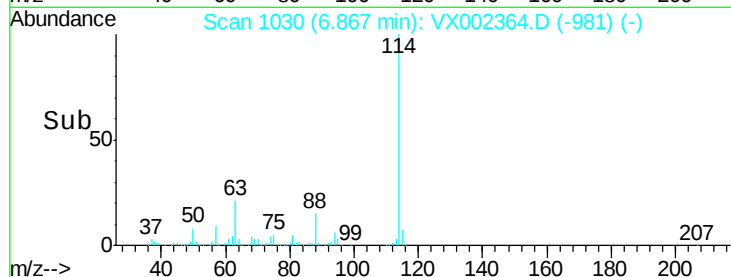
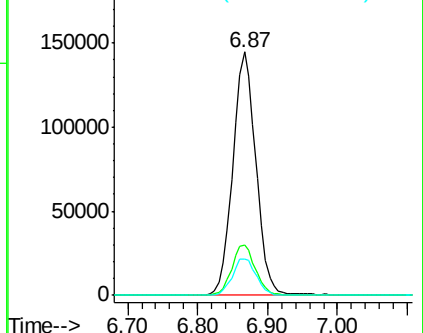
88 14.9 0.0 30.0



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: 44.99 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX002364.D

Acq: 06 Jun 2018 20:22

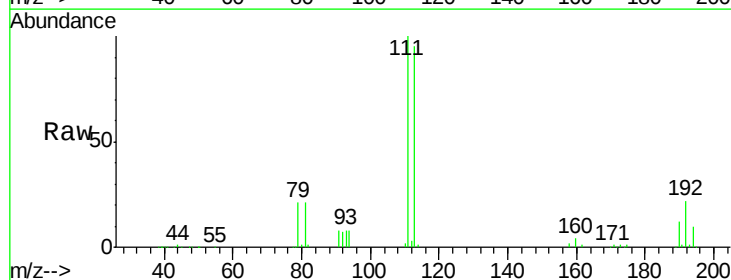
Tgt Ion:113 Resp: 117708

Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

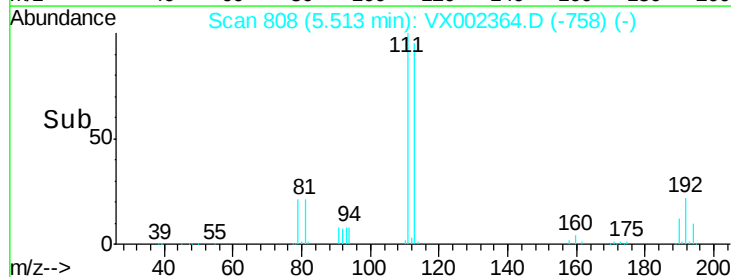
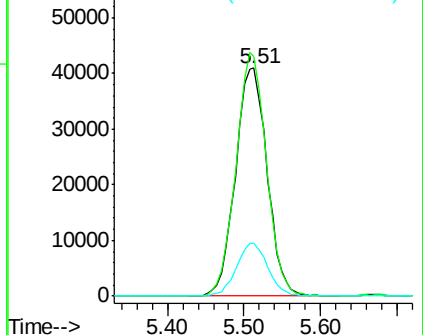
192 22.9 19.1 28.7

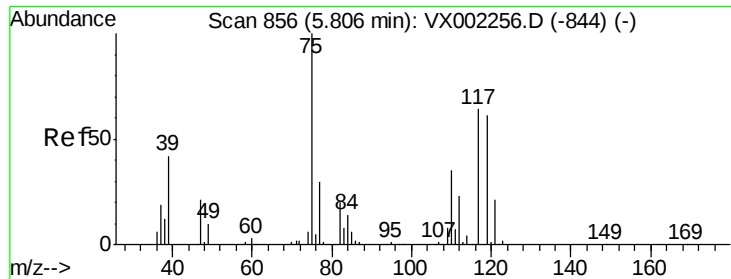


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

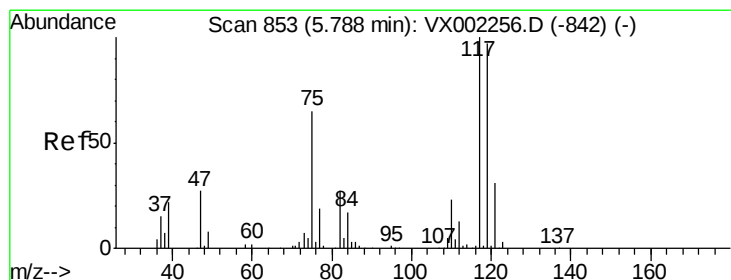
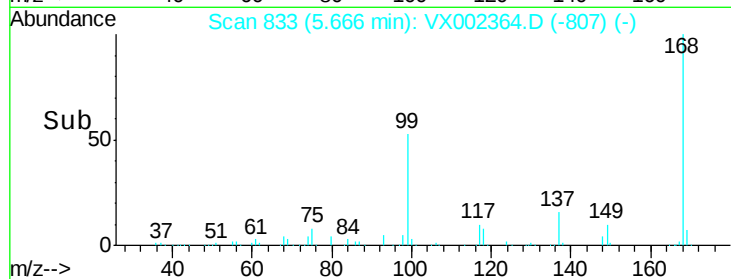
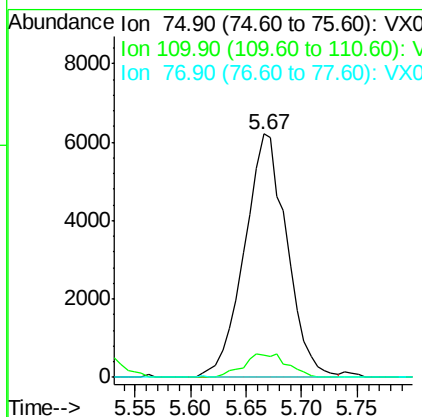
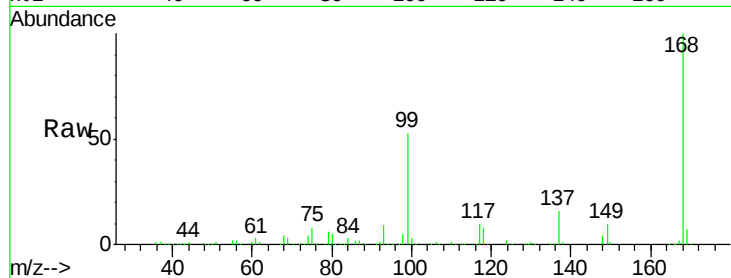




#36  
 1,1-Dichloropropene  
 Concen: 4.71 ug/l  
 RT: 5.67 min Scan# 833  
 Delta R.T. -0.14 min  
 Lab File: VX002364.D  
 Acq: 06 Jun 2018 20:22

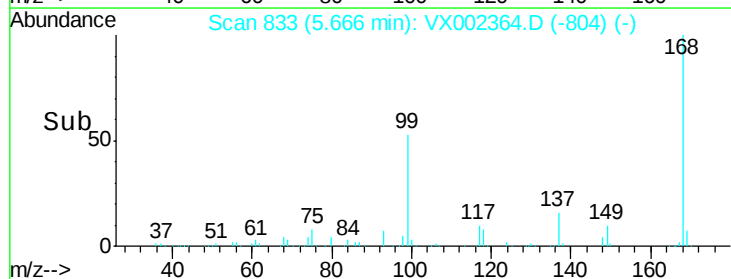
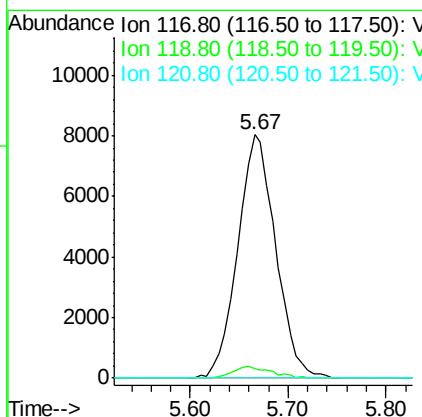
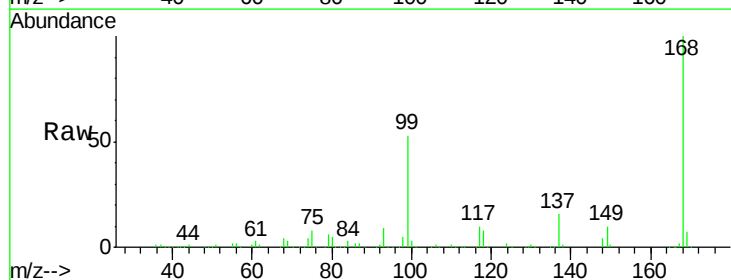
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 W-04

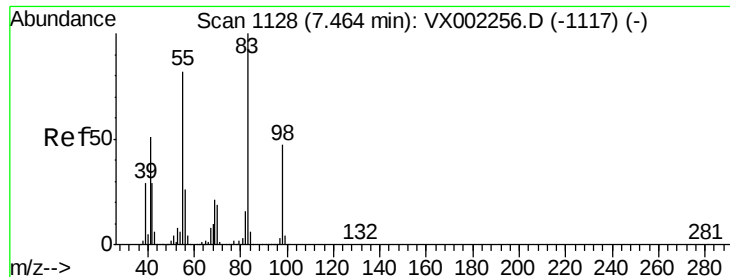
Tot Ion: 75 Resp: 16478  
 Ion Ratio Lower Upper  
 75 100  
 110 10.0 18.1 54.4#  
 77 0.0 24.3 36.5#



#38  
 Carbon Tetrachloride  
 Concen: 5.90 ug/l  
 RT: 5.67 min Scan# 833  
 Delta R.T. -0.12 min  
 Lab File: VX002364.D  
 Acq: 06 Jun 2018 20:22

Tgt Ion: 117 Resp: 21592  
 Ion Ratio Lower Upper  
 117 100  
 119 3.8 77.4 116.0#  
 121 0.0 24.4 36.6#

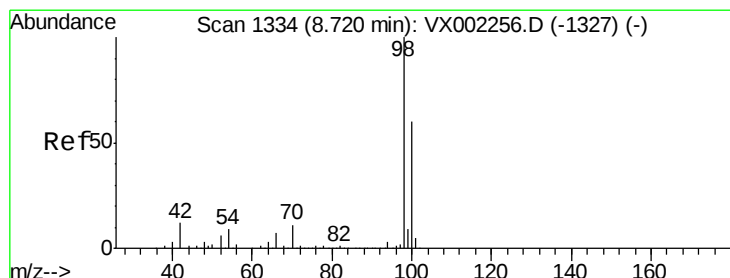
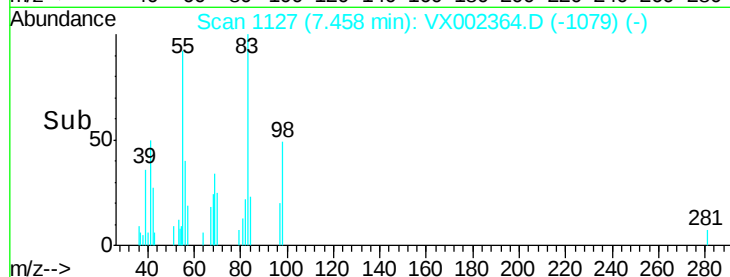
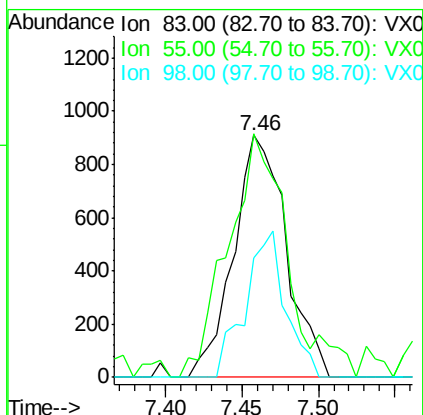
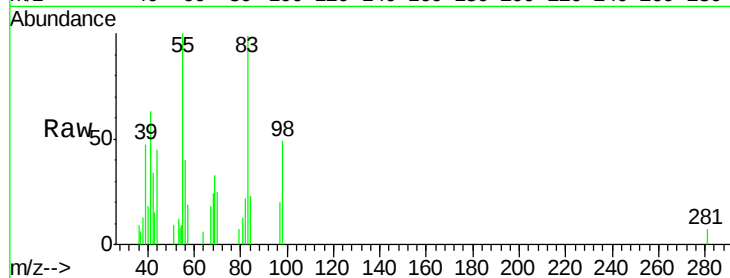




#39  
Methylcyclohexane  
Concen: 0.77 ug/l  
RT: 7.46 min Scan# 1127  
Delta R.T. -0.01 min  
Lab File: VX002364.D  
Acq: 06 Jun 2018 20:22

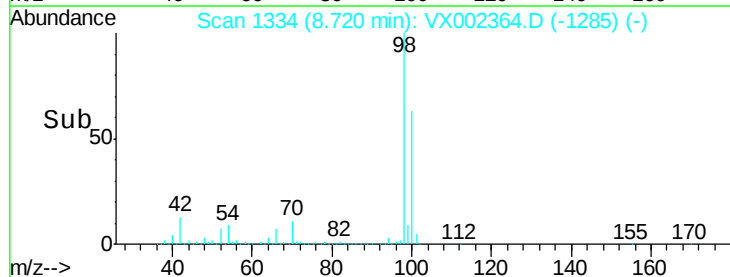
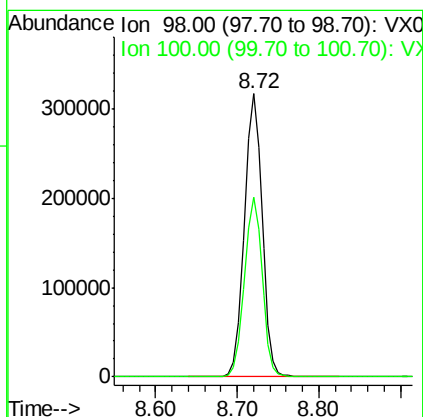
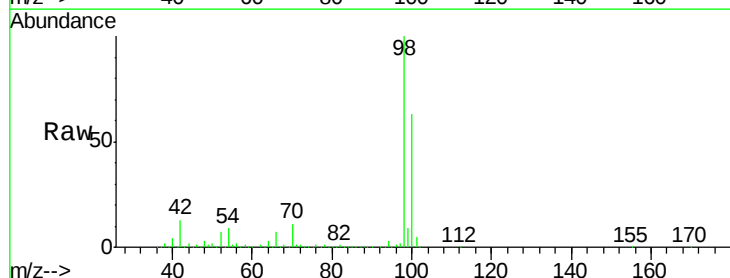
Instrument :  
MSVOA\_X  
ClientSampleId :  
W-04

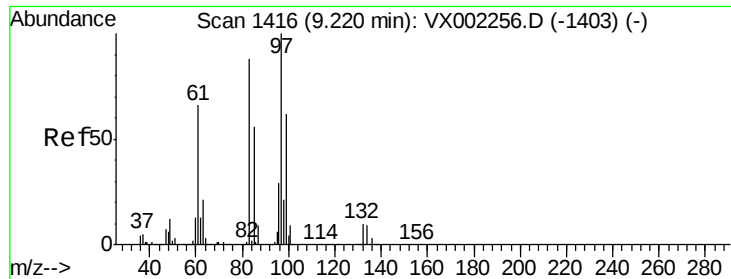
Tot Ion: 83 Resp: 2183  
Ion Ratio Lower Upper  
83 100  
55 92.4 65.4 98.0  
98 49.3 37.4 56.0



#50  
Toluene-d8  
Concen: 47.73 ug/l  
RT: 8.72 min Scan# 1334  
Delta R.T. -0.00 min  
Lab File: VX002364.D  
Acq: 06 Jun 2018 20:22

Tgt Ion: 98 Resp: 478630  
Ion Ratio Lower Upper  
98 100  
100 63.4 50.9 76.3





#55

1,1,2-Trichloroethane

Concen: 1.03 ug/l

RT: 9.17 min Scan# 1408

Delta R.T. -0.05 min

Lab File: VX002364.D

Acq: 06 Jun 2018 20:22

Instrument :

MSVOA\_X

ClientSampleId :

W-04

Tot Ion: 97 Resp: 2895

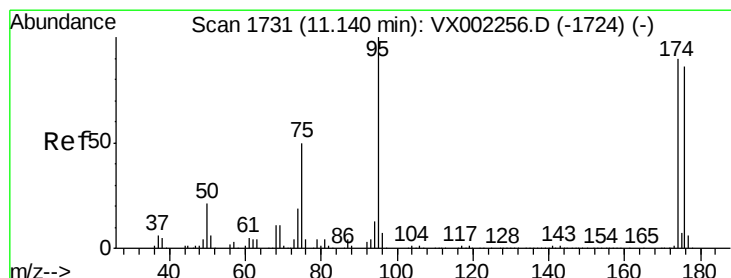
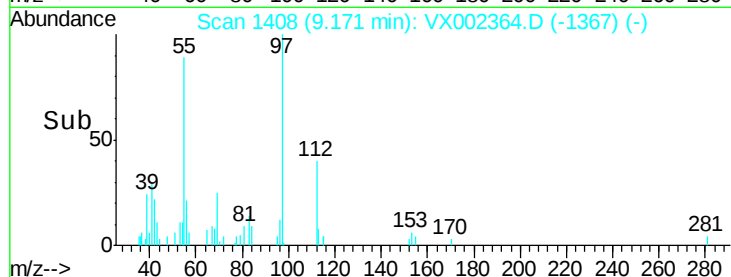
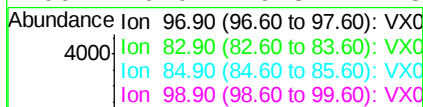
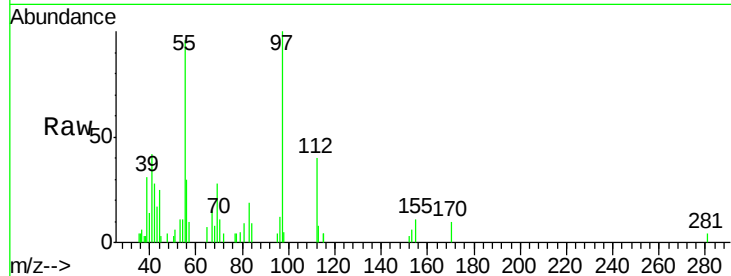
Ion Ratio Lower Upper

97 100

83 19.4 70.2 105.2#

85 0.0 44.9 67.3#

99 0.0 49.8 74.8#



#62

4-Bromofluorobenzene

Concen: 42.55 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002364.D

Acq: 06 Jun 2018 20:22

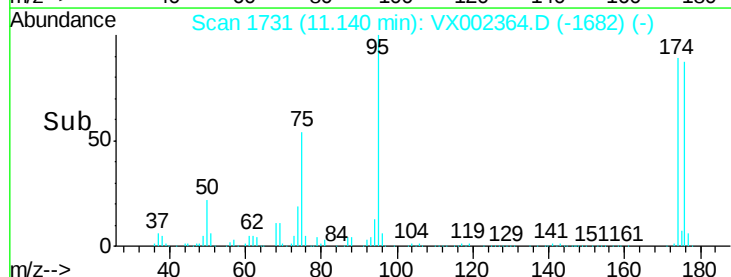
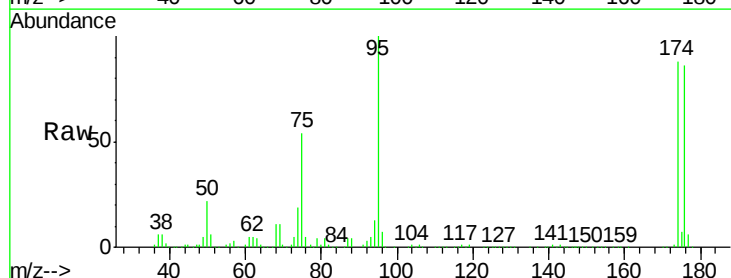
Tgt Ion: 95 Resp: 164535

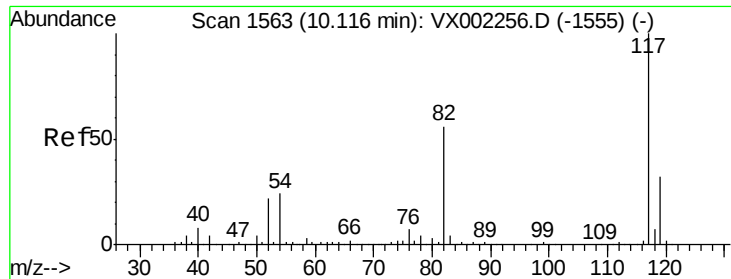
Ion Ratio Lower Upper

95 100

174 93.0 0.0 187.4

176 91.1 0.0 181.0

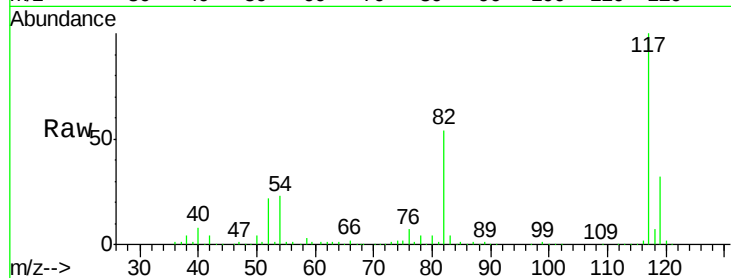




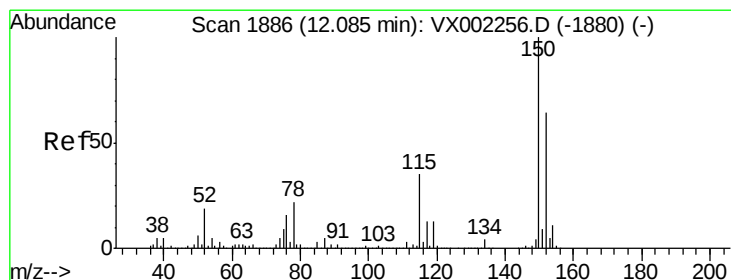
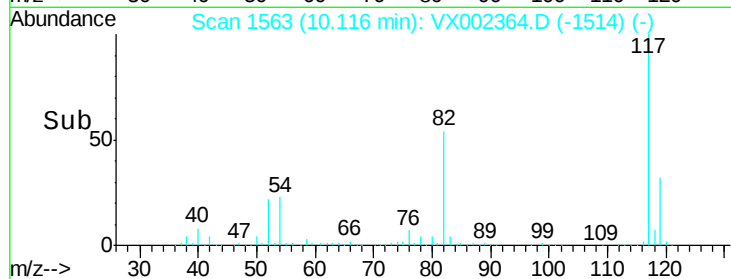
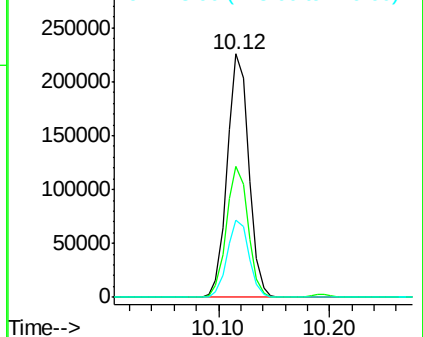
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.12 min Scan# 1563  
Delta R.T. -0.00 min  
Lab File: VX002364.D  
Acq: 06 Jun 2018 20:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
W-04

Tot Ion:117 Resp: 301401  
Ion Ratio Lower Upper  
117 100  
82 54.0 45.0 67.4  
119 31.8 25.8 38.6

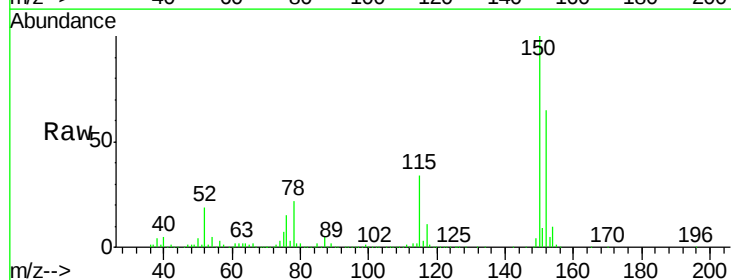


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VX0  
Ion 118.90 (118.60 to 119.60): V

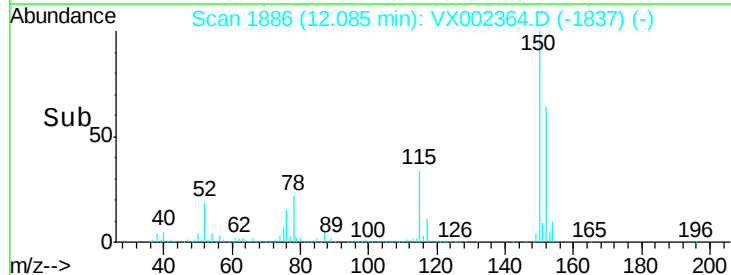
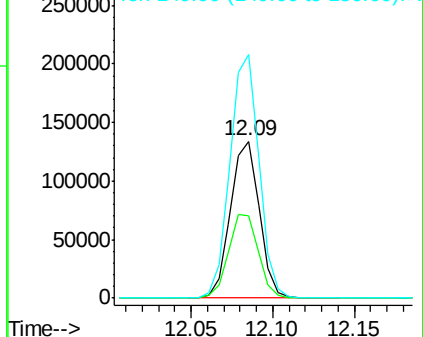


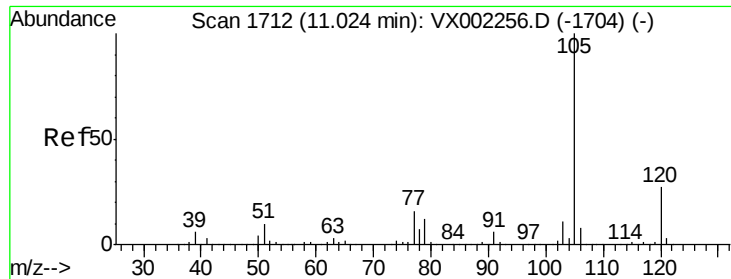
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.09 min Scan# 1886  
Delta R.T. -0.00 min  
Lab File: VX002364.D  
Acq: 06 Jun 2018 20:22

Tgt Ion:152 Resp: 164671  
Ion Ratio Lower Upper  
152 100  
115 55.1 40.1 120.2  
150 155.9 0.0 347.2



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





#73

Isopropylbenzene

Concen: 5.36 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002364.D

Acq: 06 Jun 2018 20:22

Instrument :

MSVOA\_X

ClientSampled :

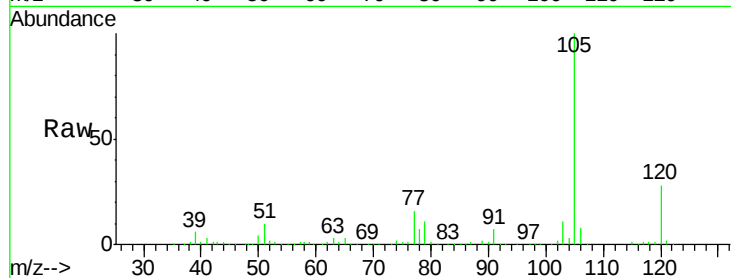
W-04

Tot Ion:105 Resp: 61364

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

50000

40000

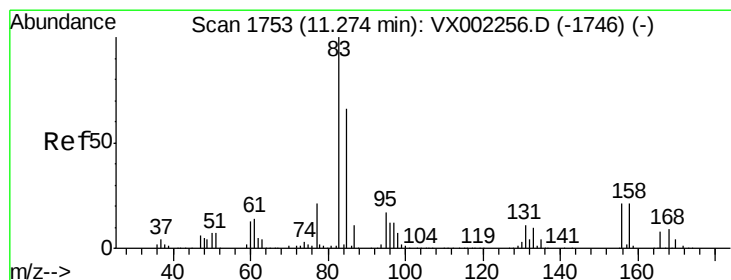
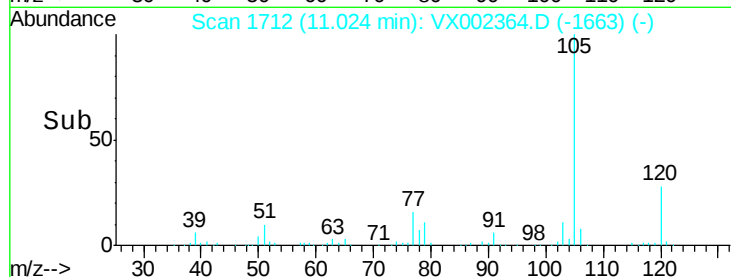
30000

20000

10000

0

Time-->



#75

1,1,2,2-Tetrachloroethane

Concen: 0.26 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. 0.01 min

Lab File: VX002364.D

Acq: 06 Jun 2018 20:22

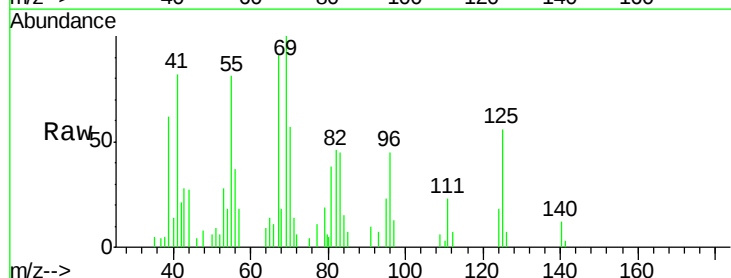
Tgt Ion: 83 Resp: 940

Ion Ratio Lower Upper

83 100

131 0.0 5.6 16.8#

85 16.4 32.4 97.2#



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

11.28

1000

800

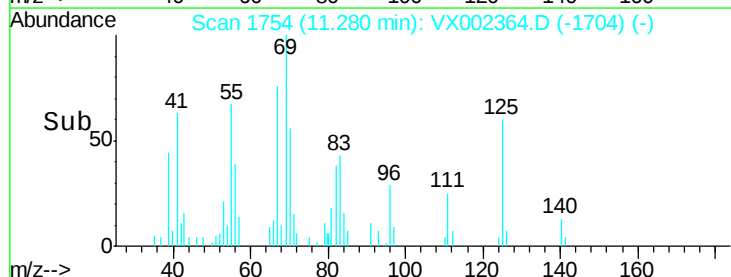
600

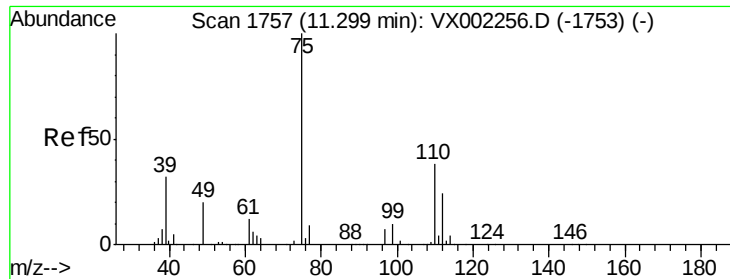
400

200

0

Time-->

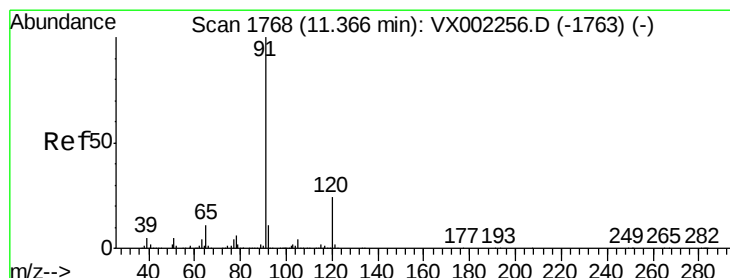
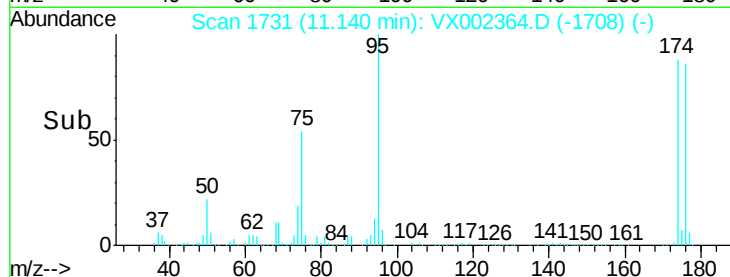
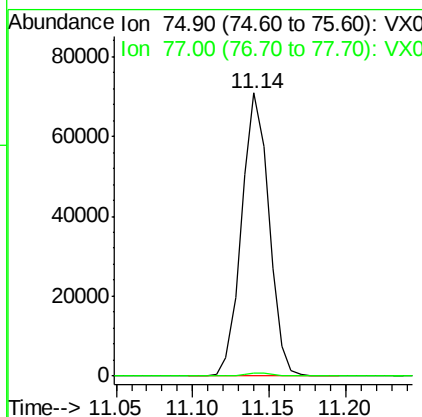
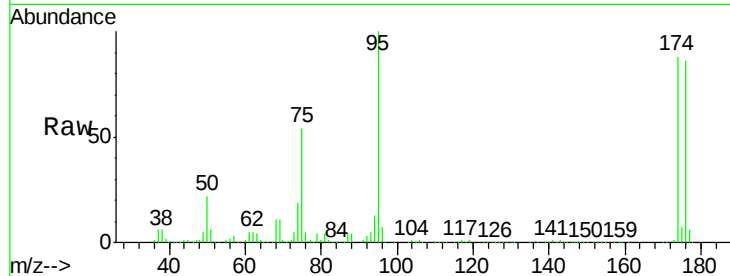




#76  
 1,2,3-Trichloropropane  
 Concen: 24.38 ug/l  
 RT: 11.14 min Scan# 1731  
 Delta R.T. -0.16 min  
 Lab File: VX002364.D  
 Acq: 06 Jun 2018 20:22

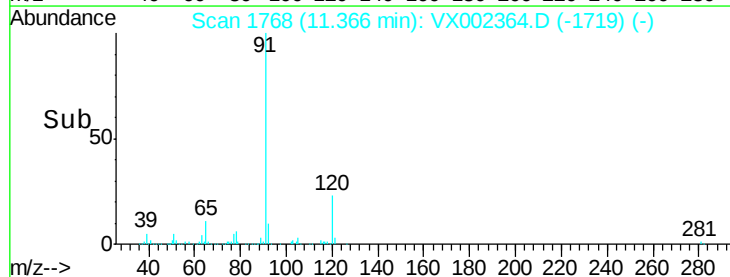
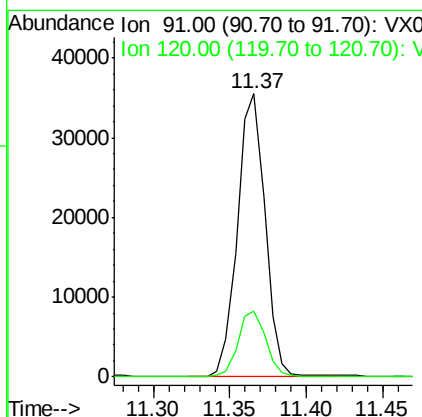
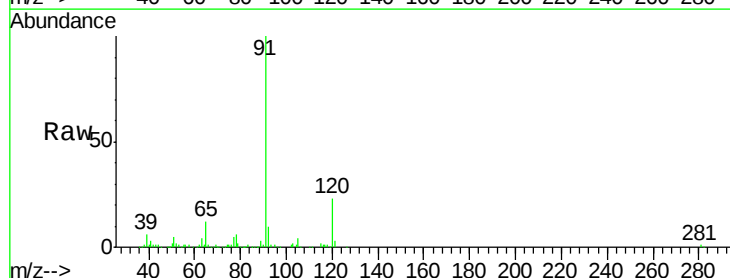
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 W-04

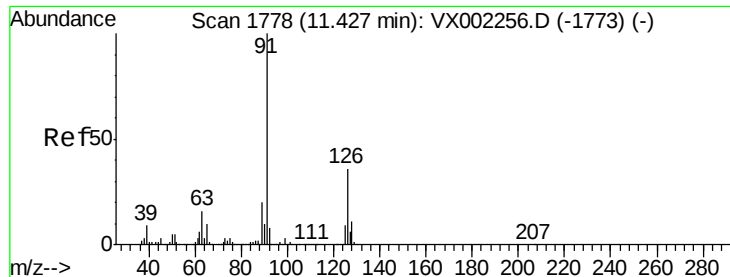
Tot Ion: 75 Resp: 88109  
 Ion Ratio Lower Upper  
 75 100  
 77 1.3 22.8 68.3#



#78  
 n-propylbenzene  
 Concen: 3.50 ug/l  
 RT: 11.37 min Scan# 1768  
 Delta R.T. -0.00 min  
 Lab File: VX002364.D  
 Acq: 06 Jun 2018 20:22

Tgt Ion: 91 Resp: 44594  
 Ion Ratio Lower Upper  
 91 100  
 120 23.5 11.8 35.4





#79

2-Chlorotoluene

Concen: 5.55 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.06 min

Lab File: VX002364.D

Acq: 06 Jun 2018 20:22

Instrument :

MSVOA\_X

ClientSampleId :

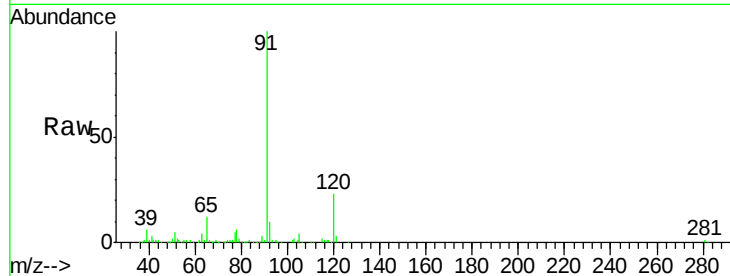
W-04

Tot Ion: 91 Resp: 44594

Ion Ratio Lower Upper

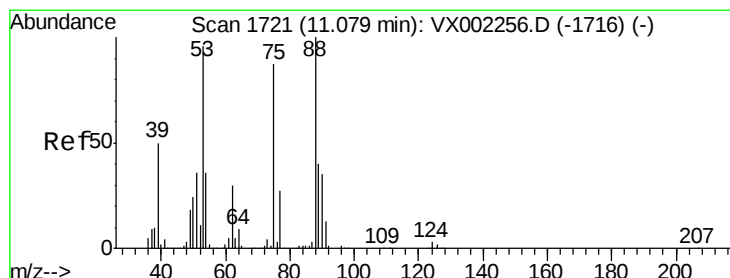
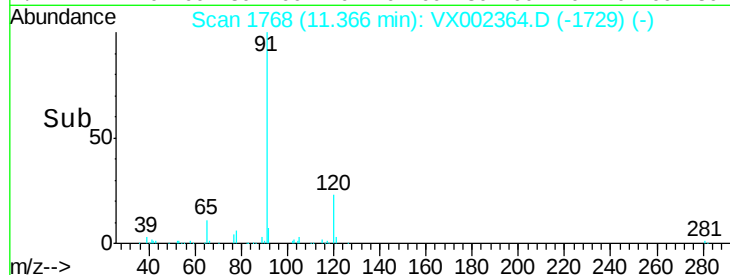
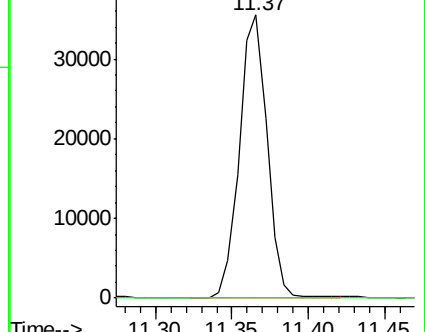
91 100

126 0.2 17.7 53.1#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#81

trans-1,4-Dichloro-2-butene

Concen: 85.48 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX002364.D

Acq: 06 Jun 2018 20:22

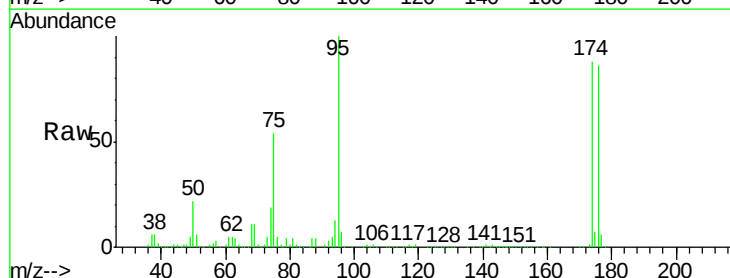
Tgt Ion: 75 Resp: 88109

Ion Ratio Lower Upper

75 100

53 0.0 86.8 130.2#

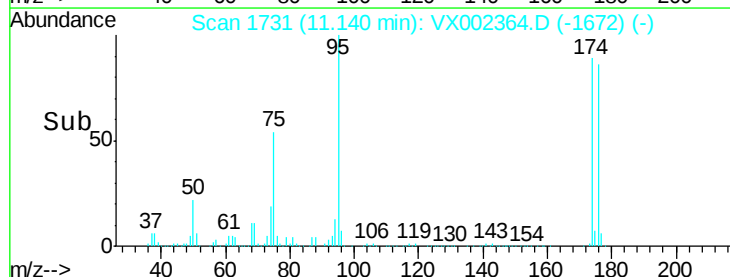
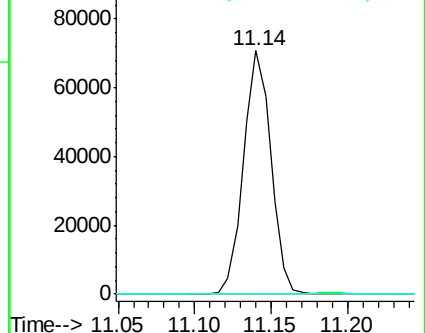
89 0.0 38.2 57.2#

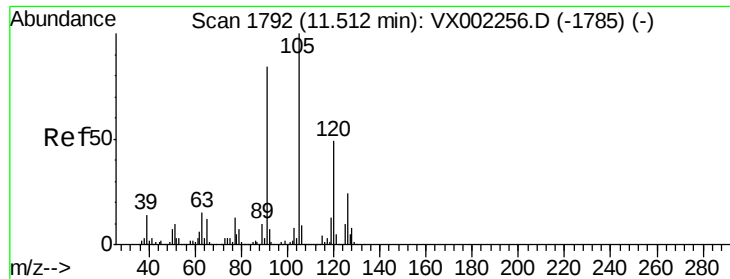


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#82

4-Chlorotoluene

Concen: 4.81 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.15 min

Lab File: VX002364.D

Acq: 06 Jun 2018 20:22

Instrument :

MSVOA\_X

ClientSampled :

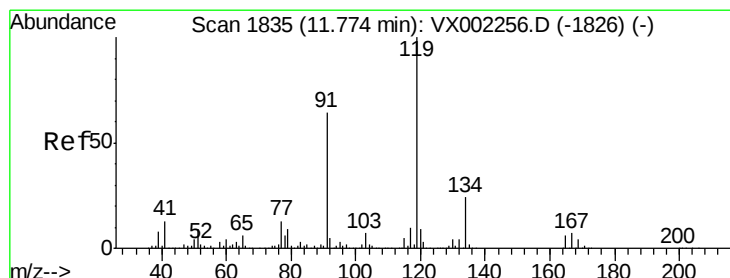
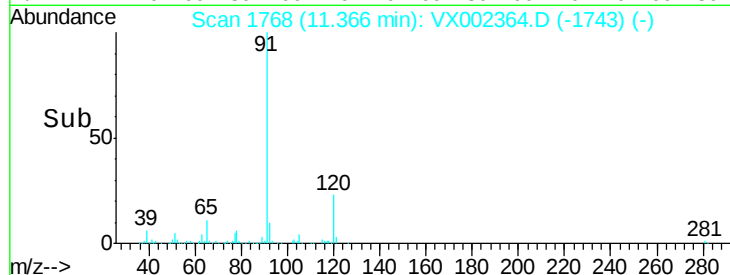
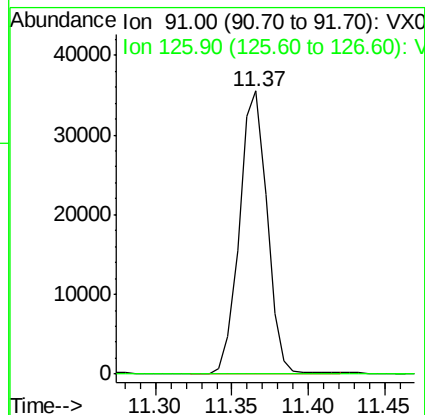
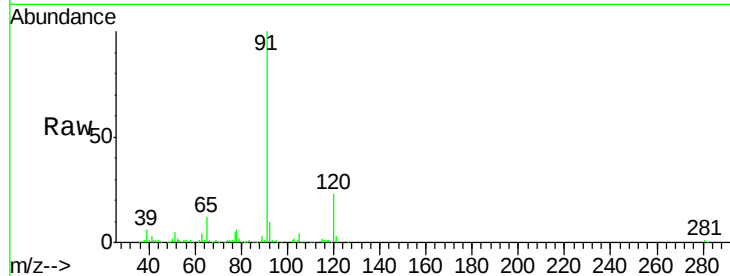
W-04

Tot Ion: 91 Resp: 44594

Ion Ratio Lower Upper

91 100

126 0.2 15.4 46.4#



#83

tert-Butylbenzene

Concen: 1.33 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX002364.D

Acq: 06 Jun 2018 20:22

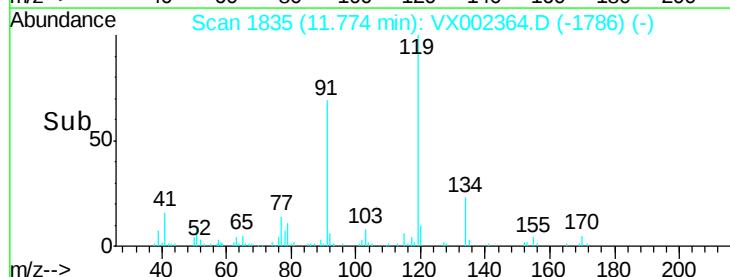
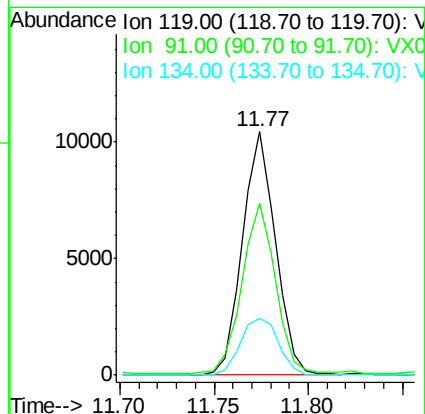
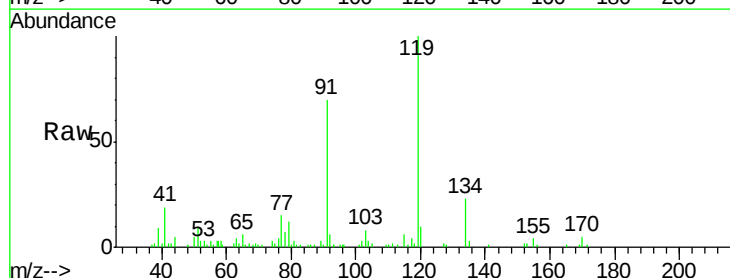
Tgt Ion: 119 Resp: 12704

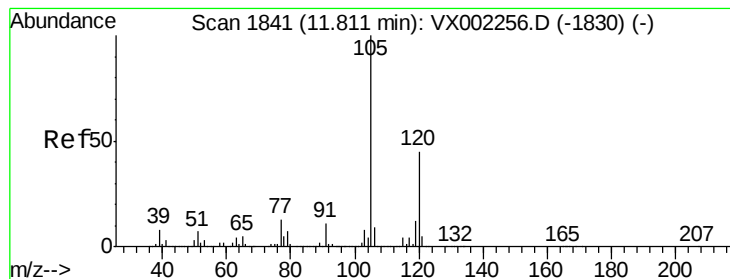
Ion Ratio Lower Upper

119 100

91 70.6 30.3 90.9

134 26.5 11.7 35.1





#84

1,2,4-Trimethylbenzene

Concen: 6.54 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.14 min

Lab File: VX002364.D

Acq: 06 Jun 2018 20:22

Instrument :

MSVOA\_X

ClientSampled :

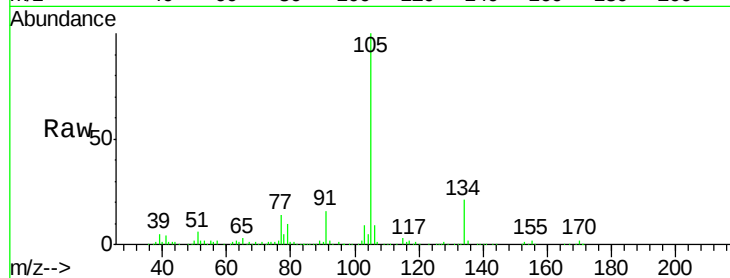
W-04

Tot Ion:105 Resp: 66163

Ion Ratio Lower Upper

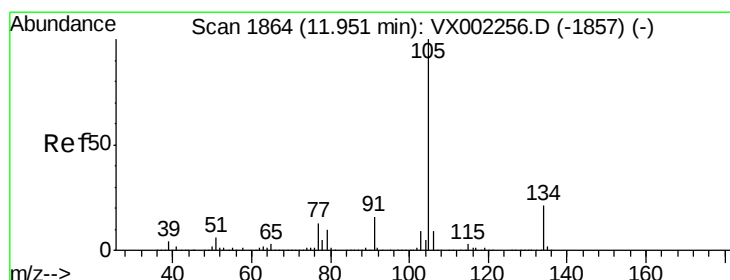
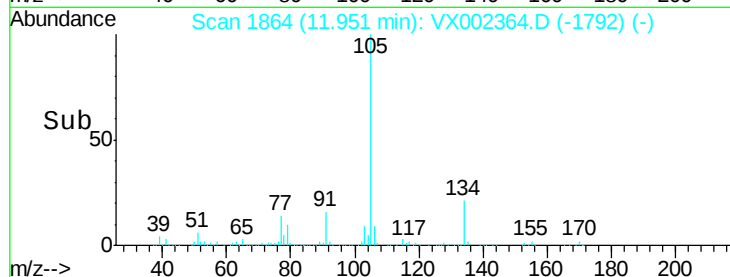
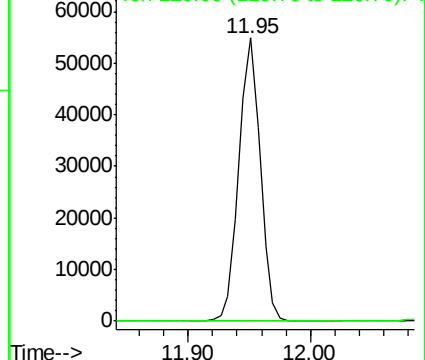
105 100

120 0.2 22.3 66.8#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 5.90 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002364.D

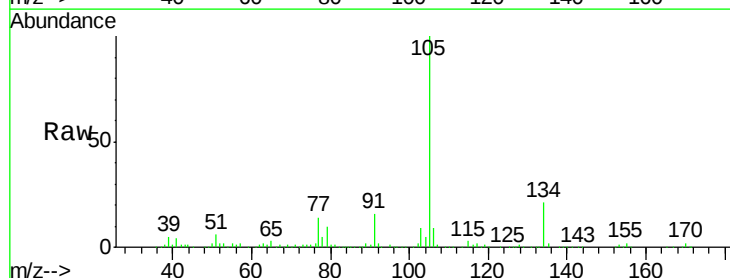
Acq: 06 Jun 2018 20:22

Tgt Ion:105 Resp: 66163

Ion Ratio Lower Upper

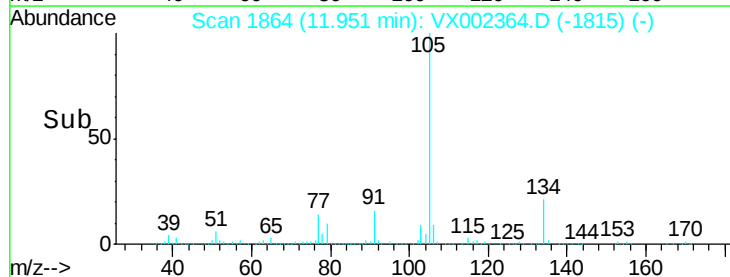
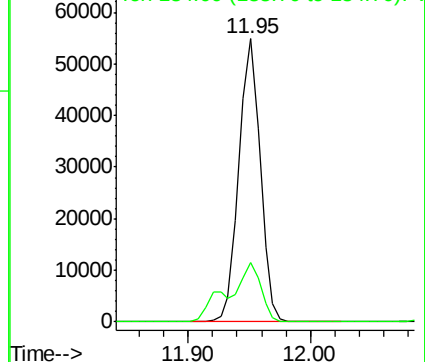
105 100

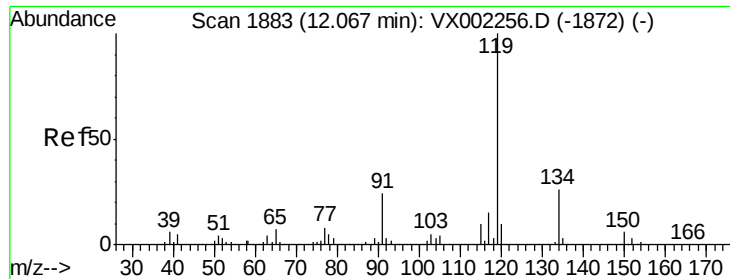
134 21.0 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

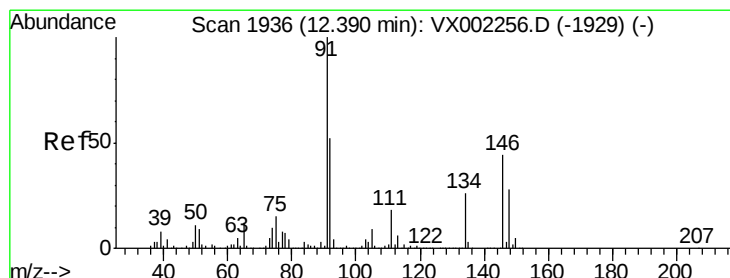
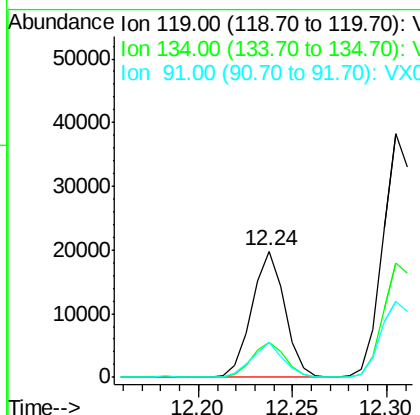
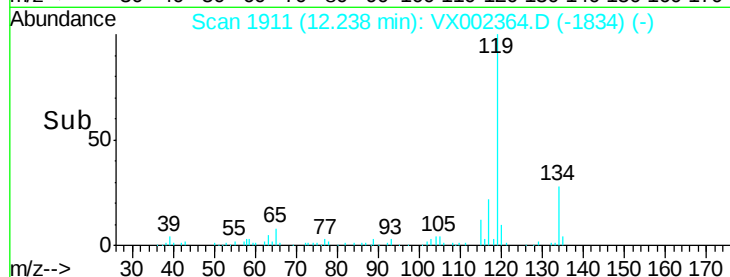
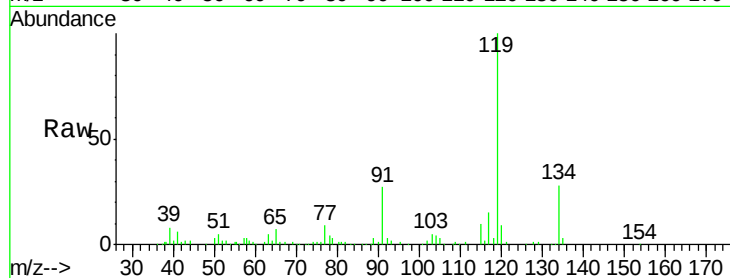




#86  
p-Isopropyltoluene  
Concen: 2.34 ug/l  
RT: 12.24 min Scan# 1911  
Delta R.T. 0.17 min  
Lab File: VX002364.D  
Acq: 06 Jun 2018 20:22

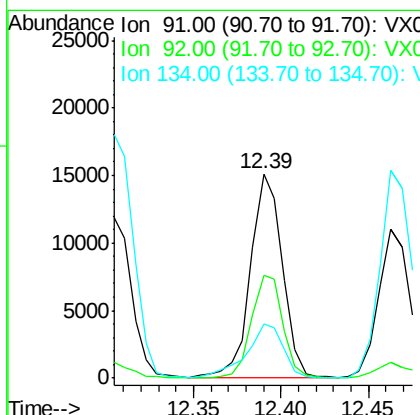
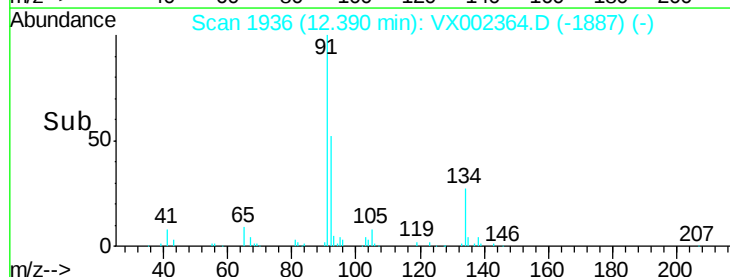
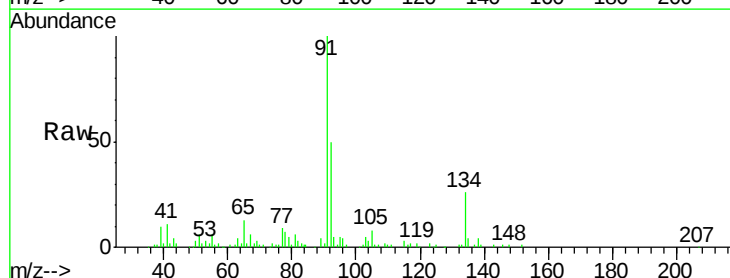
Instrument :  
MSVOA\_X  
ClientSampled :  
W-04

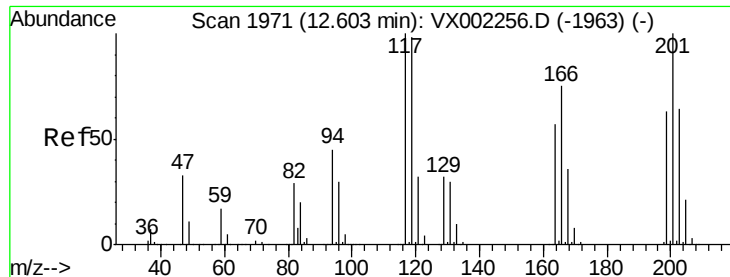
Tot Ion:119 Resp: 23956  
Ion Ratio Lower Upper  
119 100  
134 28.4 13.4 40.1  
91 27.2 11.9 35.7



#89  
n-Butylbenzene  
Concen: 2.24 ug/l  
RT: 12.39 min Scan# 1936  
Delta R.T. -0.00 min  
Lab File: VX002364.D  
Acq: 06 Jun 2018 20:22

Tgt Ion: 91 Resp: 19206  
Ion Ratio Lower Upper  
91 100  
92 49.9 26.0 78.0  
134 31.1 13.5 40.5





#90

Hexachloroethane

Concen: 28.59 ug/l

RT: 12.71 min Scan# 1988

Delta R.T. 0.10 min

Lab File: VX002364.D

Acq: 06 Jun 2018 20:22

Instrument :

MSVOA\_X

ClientSampled :

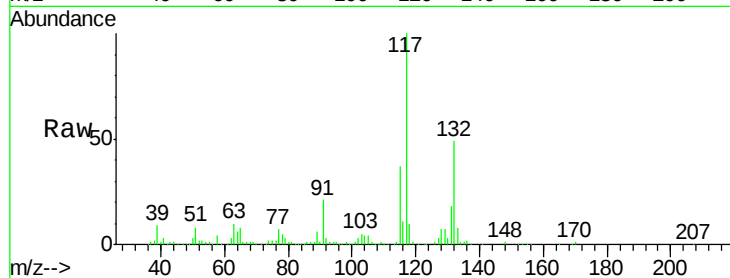
W-04

Tot Ion:117 Resp: 46621

Ion Ratio Lower Upper

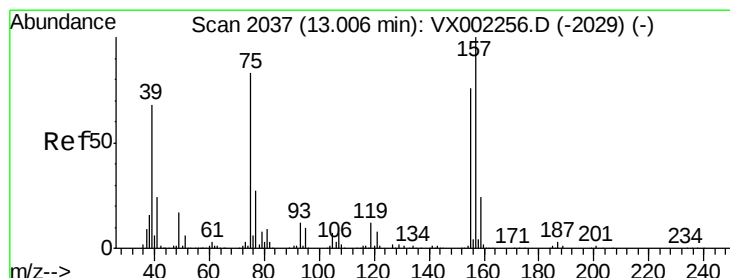
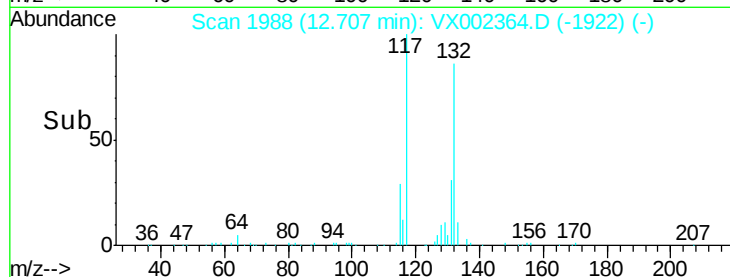
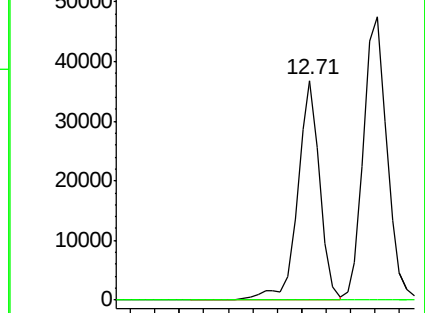
117 100

201 0.0 49.0 147.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.26 ug/l

RT: 13.03 min Scan# 2041

Delta R.T. 0.02 min

Lab File: VX002364.D

Acq: 06 Jun 2018 20:22

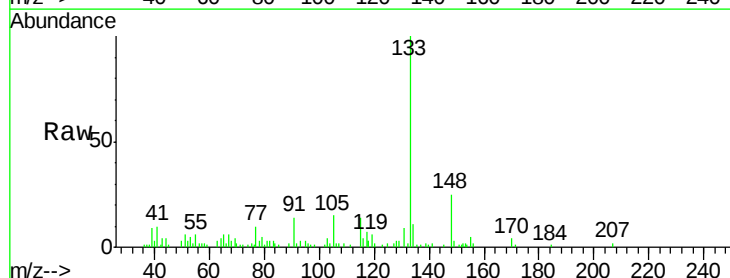
Tgt Ion: 75 Resp: 207

Ion Ratio Lower Upper

75 100

155 0.0 45.8 137.4#

157 0.0 60.1 180.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

