

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031619\  
 Data File : VX008154.D  
 Acq On : 16 Mar 2019 21:07  
 Operator : JC/SP  
 Sample : K1960-08  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 T3-MW-7-10.0-031419

Quant Time: Mar 18 01:18:39 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X031419W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 15 03:56:35 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 328599   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 439824   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 377630   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 175538   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 6.07   | 65  | 138315   | 41.73 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 83.46% |      |
| 35) Dibromofluoromethane  | 5.51   | 113 | 130649   | 46.84 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 93.68% |      |
| 50) Toluene-d8            | 8.71   | 98  | 502601   | 47.38 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 94.76% |      |
| 62) 4-Bromofluorobenzene  | 11.13  | 95  | 166873   | 43.91 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 87.82% |      |

## Target Compounds

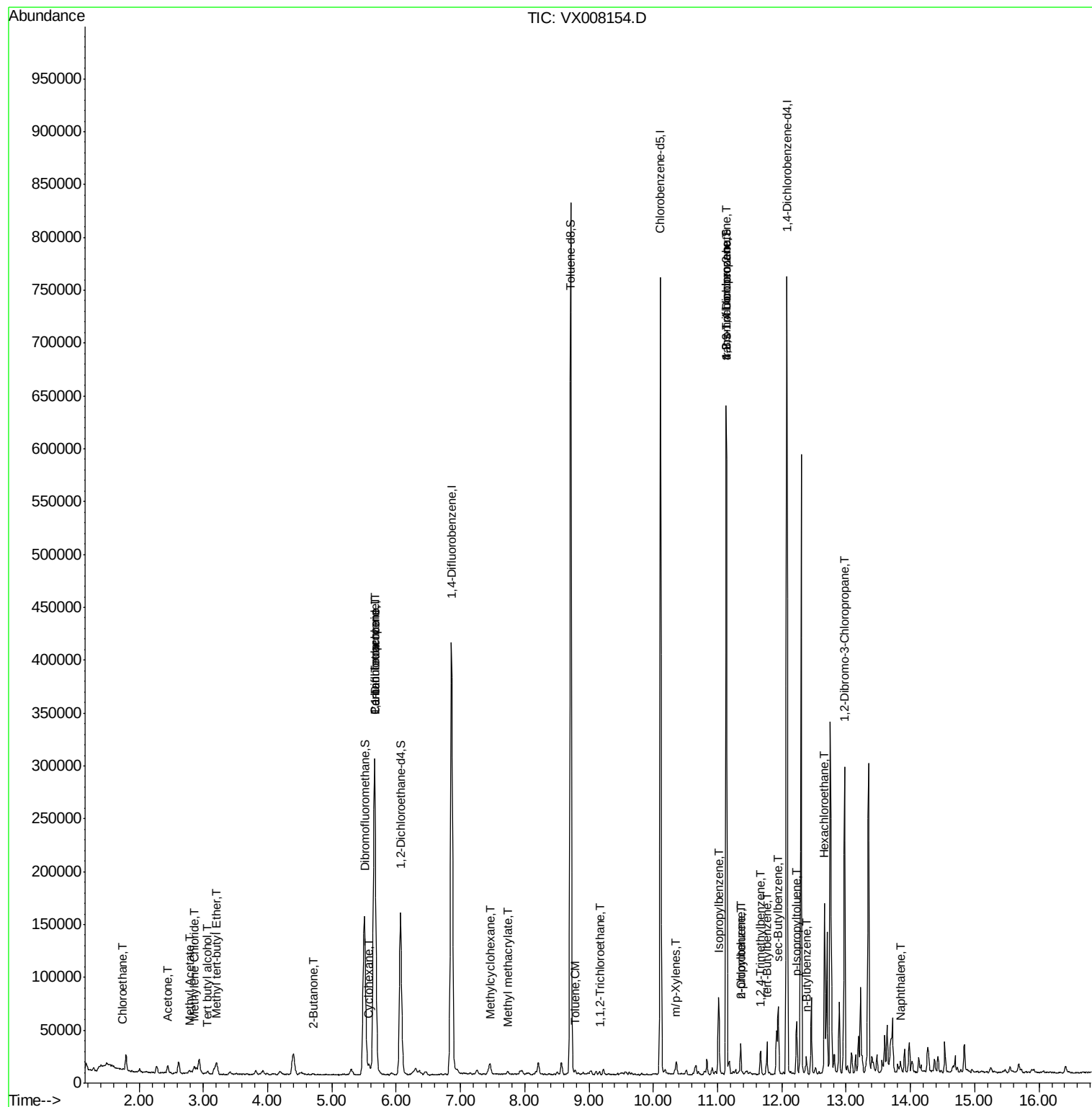
|                                |       |     |       |           | Qvalue |     |
|--------------------------------|-------|-----|-------|-----------|--------|-----|
| 5) Bromomethane                | 1.67  | 94  | 77    | Below Cal | #      | 54  |
| 6) Chloroethane                | 1.74  | 64  | 1642  | 0.345     | ug/l # | 44  |
| 11) Tert butyl alcohol         | 3.06  | 59  | 2567  | 4.008     | ug/l   | 97  |
| 16) Acetone                    | 2.45  | 43  | 7936  | 5.071     | ug/l   | 90  |
| 18) Methyl Acetate             | 2.78  | 43  | 3603  | 1.065     | ug/l   | 92  |
| 19) Methyl tert-butyl Ether    | 3.21  | 73  | 11970 | 1.413     | ug/l   | 98  |
| 20) Methylene Chloride         | 2.86  | 84  | 2158  | 0.772     | ug/l   | 89  |
| 25) 2-Butanone                 | 4.71  | 43  | 1713  | 0.713     | ug/l # | 75  |
| 31) Cyclohexane                | 5.57  | 56  | 6481  | 1.367     | ug/l   | 97  |
| 36) 1,1-Dichloropropene        | 5.66  | 75  | 18131 | 5.011     | ug/l # | 49  |
| 38) Carbon Tetrachloride       | 5.67  | 117 | 26683 | 7.661     | ug/l # | 17  |
| 39) Methylcyclohexane          | 7.46  | 83  | 4306  | 0.931     | ug/l   | 97  |
| 48) Methyl methacrylate        | 7.73  | 41  | 693   | 0.212     | ug/l # | 79  |
| 52) Toluene                    | 8.79  | 92  | 1448  | 0.206     | ug/l   | 88  |
| 55) 1,1,2-Trichloroethane      | 9.16  | 97  | 841   | 0.293     | ug/l # | 15  |
| 68) m/p-Xylenes                | 10.35 | 106 | 2738  | 0.577     | ug/l   | 90  |
| 73) Isopropylbenzene           | 11.02 | 105 | 39085 | 3.476     | ug/l   | 100 |
| 76) 1,2,3-Trichloropropane     | 11.13 | 75  | 74575 | 24.462    | ug/l # | 40  |
| 78) n-propylbenzene            | 11.36 | 91  | 17367 | 1.408     | ug/l   | 98  |
| 79) 2-Chlorotoluene            | 11.36 | 91  | 17367 | 2.305     | ug/l # | 40  |
| 81) trans-1,4-Dichloro-2-buten | 11.13 | 75  | 74575 | 69.611    | ug/l # | 12  |
| 83) tert-Butylbenzene          | 11.77 | 119 | 12109 | 1.304     | ug/l   | 90  |
| 84) 1,2,4-Trimethylbenzene     | 11.67 | 105 | 7890  | 0.826     | ug/l   | 79  |
| 85) sec-Butylbenzene           | 11.94 | 105 | 34465 | 3.116     | ug/l   | 95  |
| 86) p-Isopropyltoluene         | 12.23 | 119 | 22701 | 2.269     | ug/l   | 98  |
| 89) n-Butylbenzene             | 12.38 | 91  | 6809  | 0.813     | ug/l   | 92  |
| 90) Hexachloroethane           | 12.66 | 117 | 6757  | 4.220     | ug/l # | 1   |
| 92) 1,2-Dibromo-3-Chloropropan | 12.97 | 75  | 834   | 1.120     | ug/l # | 1   |
| 95) Naphthalene                | 13.83 | 128 | 3718  | 0.344     | ug/l # | 89  |

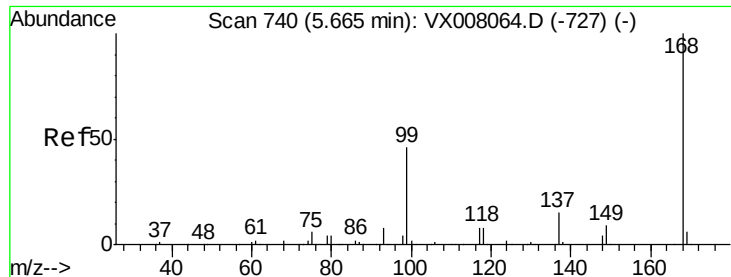
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX031619\  
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T3-MW-7-10.0-031419

Quant Time: Mar 18 01:18:39 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X031419W.M  
Quant Title : SW846 8260  
QLast Update : Fri Mar 15 03:56:35 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX008154.D

Acq: 16 Mar 2019 21:07

Instrument :

MSVOA\_X

ClientSampleId :

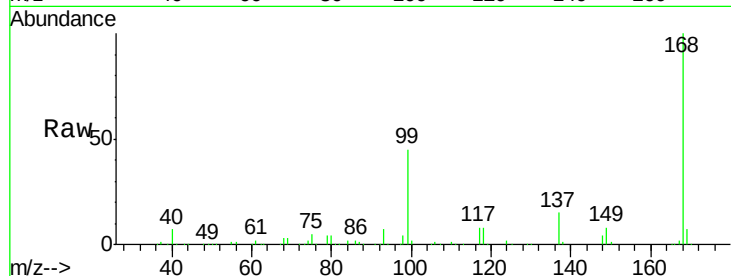
T3-MW-7-10.0-031419

Tot Ion:168 Resp: 328599

Ion Ratio Lower Upper

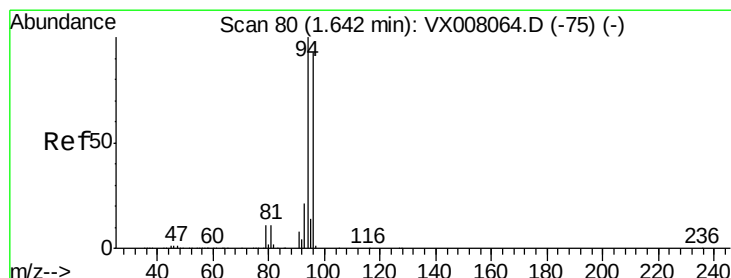
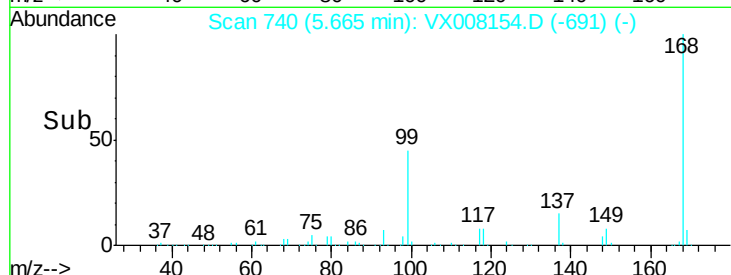
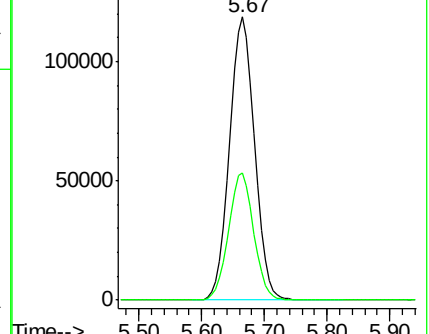
168 100

99 44.8 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.67 min Scan# 84

Delta R.T. 0.02 min

Lab File: VX008154.D

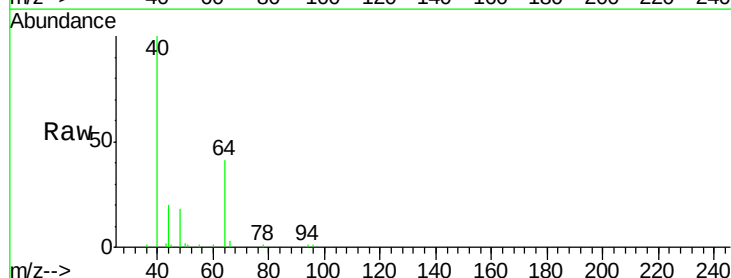
Acq: 16 Mar 2019 21:07

Tgt Ion: 94 Resp: 77

Ion Ratio Lower Upper

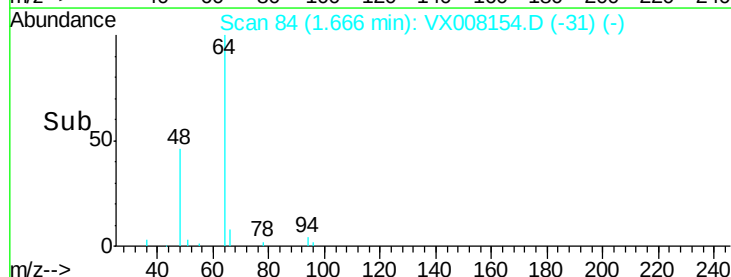
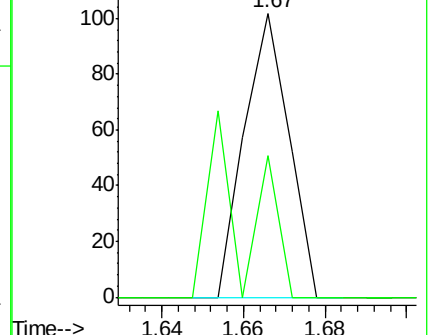
94 100

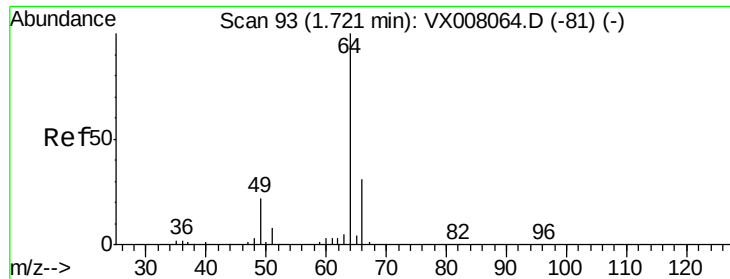
96 50.0 75.5 113.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 0.345 ug/l

RT: 1.74 min Scan# 96

Delta R.T. 0.02 min

Lab File: VX008154.D

Acq: 16 Mar 2019 21:07

Instrument :

MSVOA\_X

ClientSampleId :

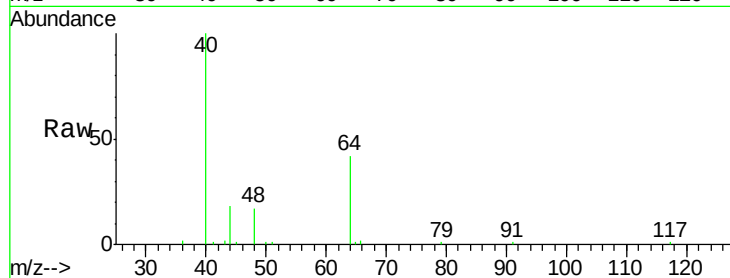
T3-MW-7-10.0-031419

Tot Ion: 64 Resp: 1642

Ion Ratio Lower Upper

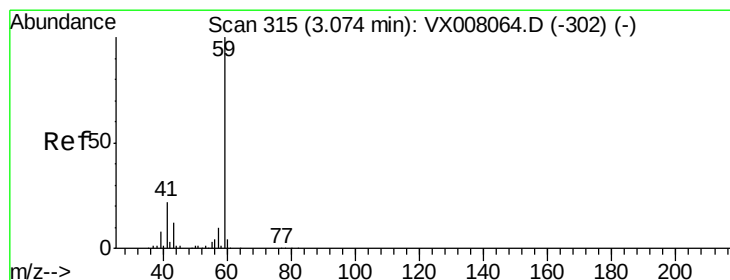
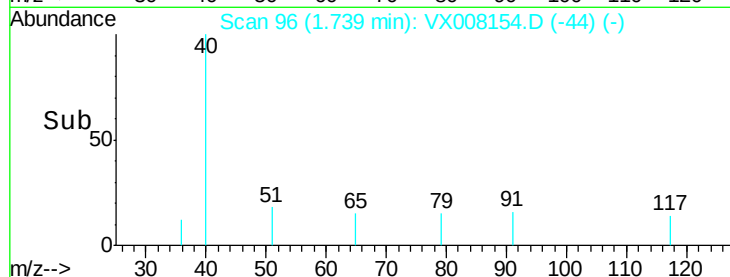
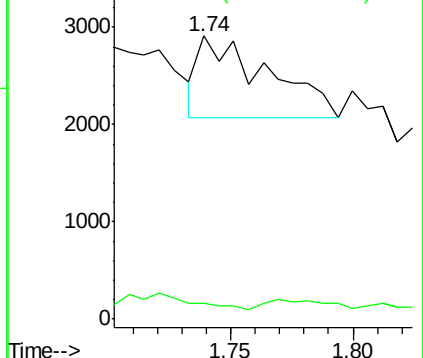
64 100

66 0.6 25.2 37.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#11

Tert butyl alcohol

Concen: 4.008 ug/l

RT: 3.06 min Scan# 313

Delta R.T. -0.01 min

Lab File: VX008154.D

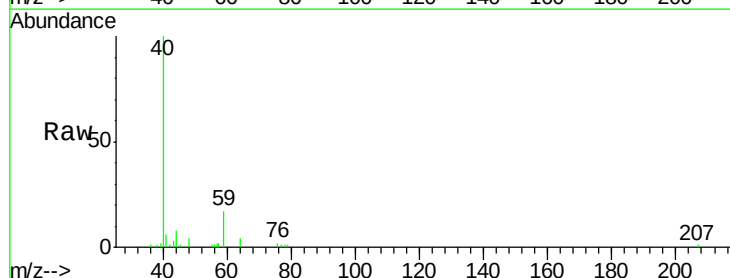
Acq: 16 Mar 2019 21:07

Tgt Ion: 59 Resp: 2567

Ion Ratio Lower Upper

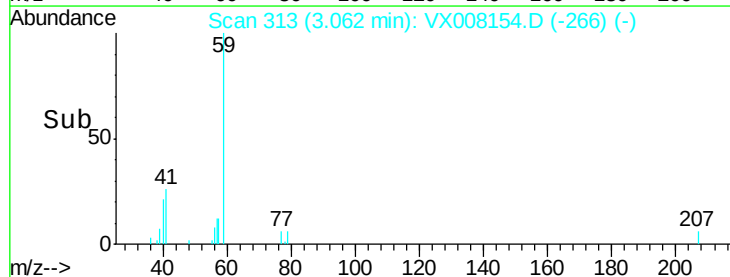
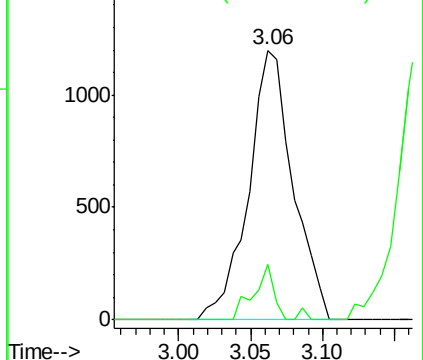
59 100

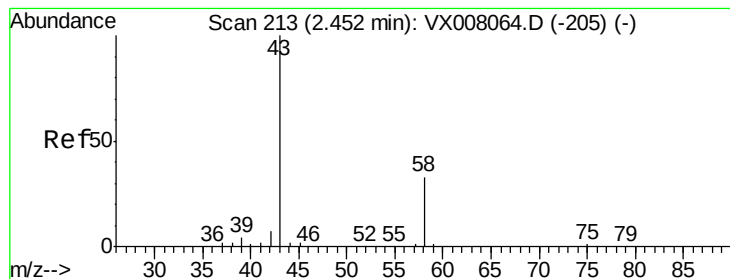
57 9.2 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#16

Acetone

Concen: 5.071 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX008154.D

Acq: 16 Mar 2019 21:07

Instrument :

MSVOA\_X

ClientSampleId :

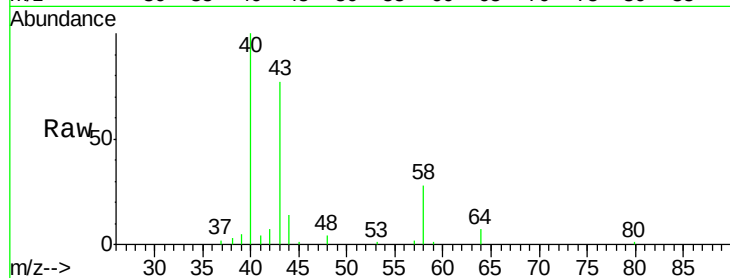
T3-MW-7-10.0-031419

Tot Ion: 43 Resp: 7936

Ion Ratio Lower Upper

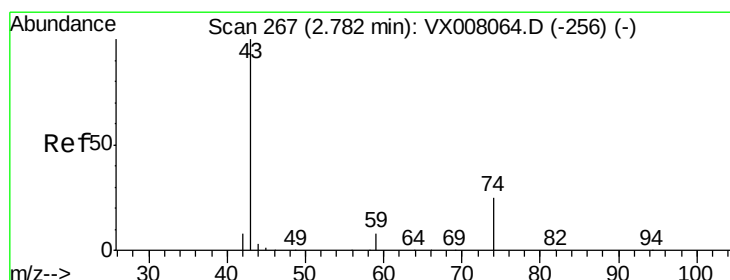
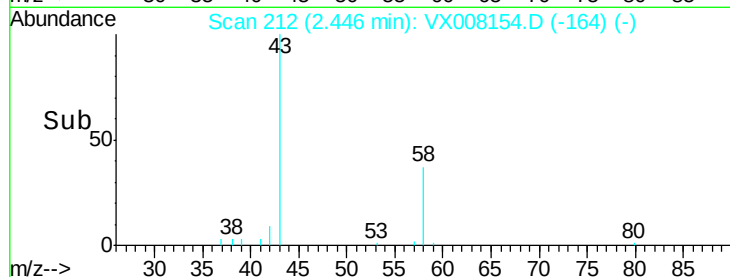
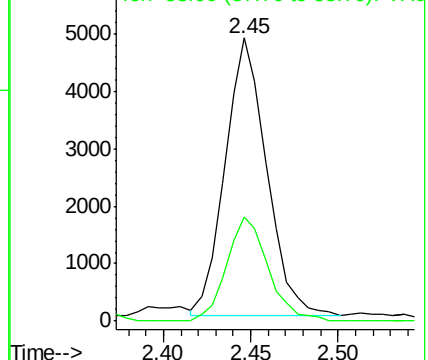
43 100

58 37.5 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: 1.065 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX008154.D

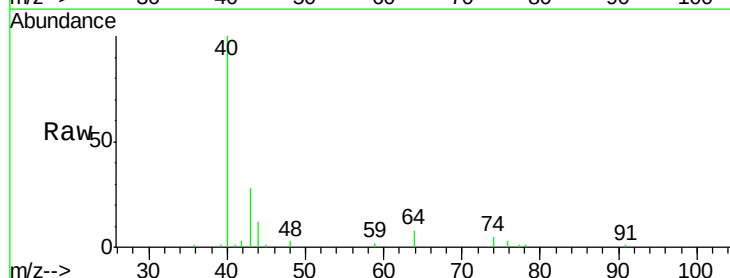
Acq: 16 Mar 2019 21:07

Tgt Ion: 43 Resp: 3603

Ion Ratio Lower Upper

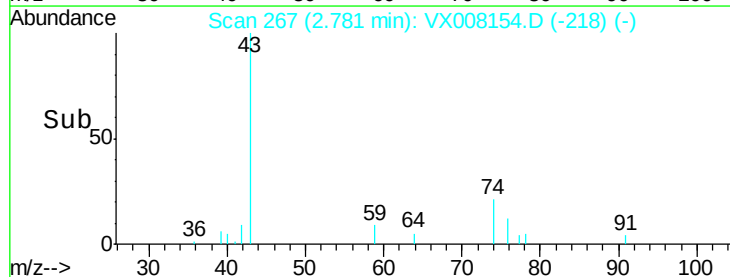
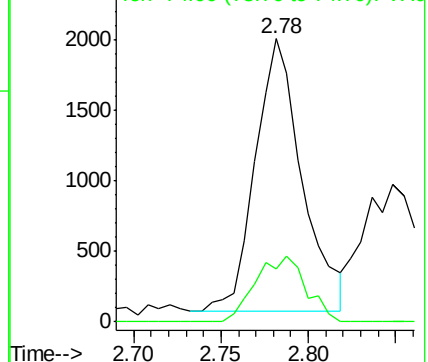
43 100

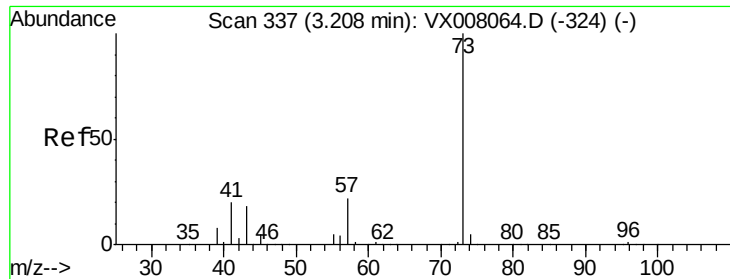
74 25.8 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

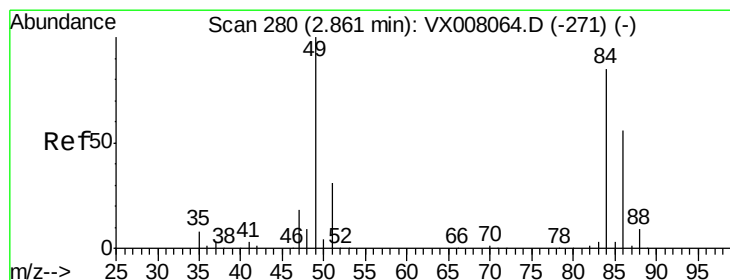
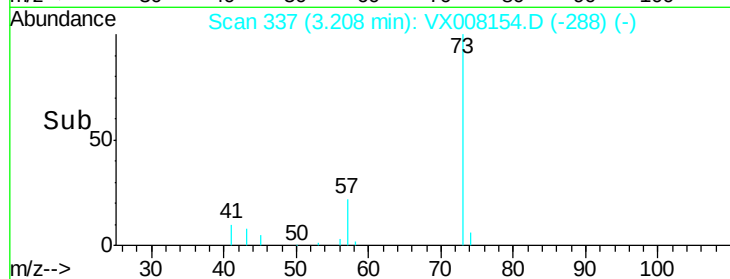
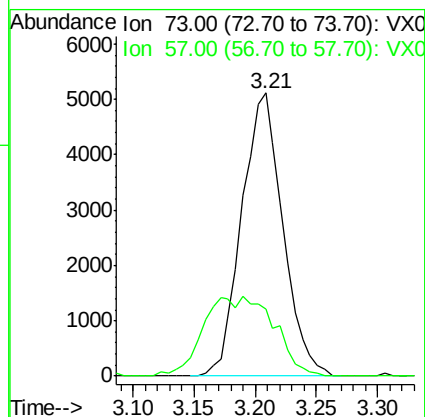
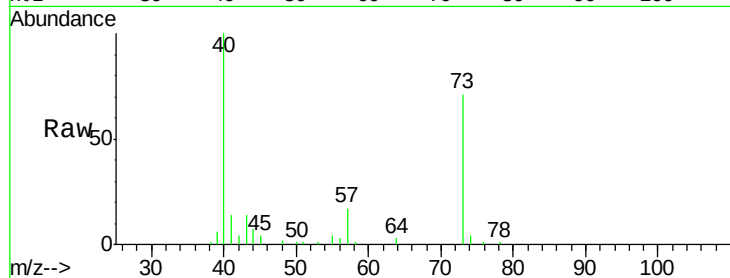




#19  
Methyl tert-butyl Ether  
Concen: 1.413 ug/l  
RT: 3.21 min Scan# 337  
Delta R.T. -0.00 min  
Lab File: VX008154.D  
Acq: 16 Mar 2019 21:07

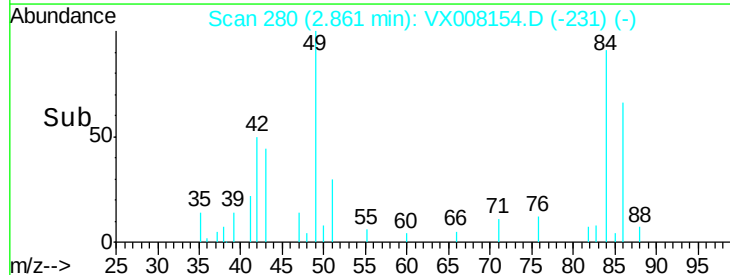
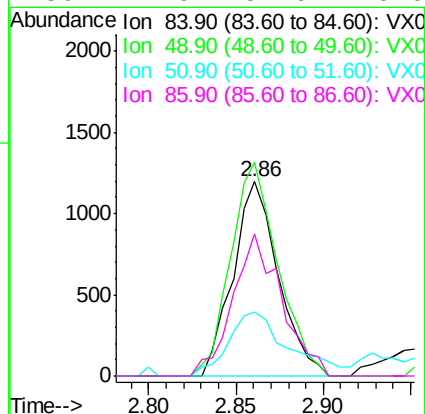
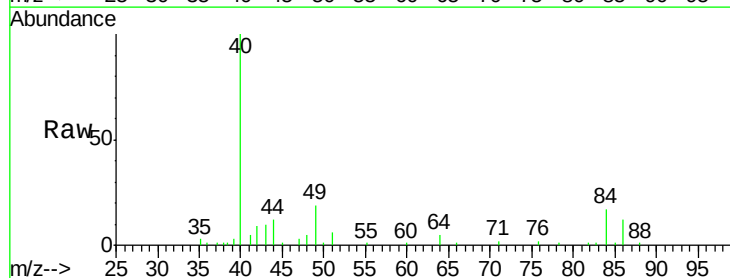
Instrument :  
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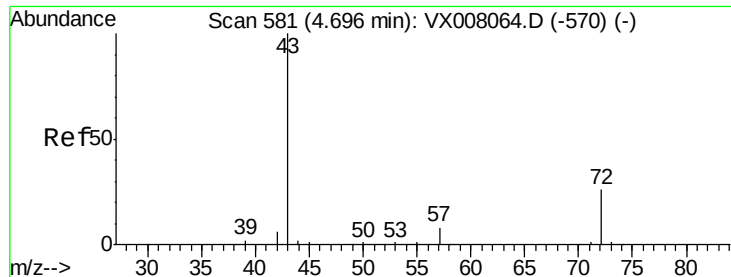
Tot Ion: 73 Resp: 11970  
Ion Ratio Lower Upper  
73 100  
57 23.9 18.2 27.4



#20  
Methylene Chloride  
Concen: 0.772 ug/l  
RT: 2.86 min Scan# 280  
Delta R.T. -0.00 min  
Lab File: VX008154.D  
Acq: 16 Mar 2019 21:07

Tgt Ion: 84 Resp: 2158  
Ion Ratio Lower Upper  
84 100  
49 109.9 99.3 148.9  
51 32.7 31.3 46.9  
86 72.9 52.6 79.0





#25

2-Butanone

Concen: 0.713 ug/l

RT: 4.71 min Scan# 584

Delta R.T. 0.02 min

Lab File: VX008154.D

Acq: 16 Mar 2019 21:07

Instrument :

MSVOA\_X

ClientSampleId :

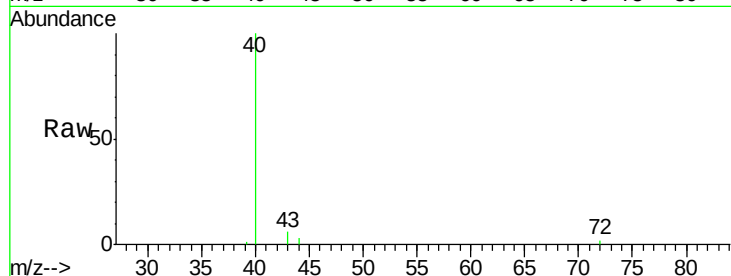
T3-MW-7-10.0-031419

Tot Ion: 43 Resp: 1713

Ion Ratio Lower Upper

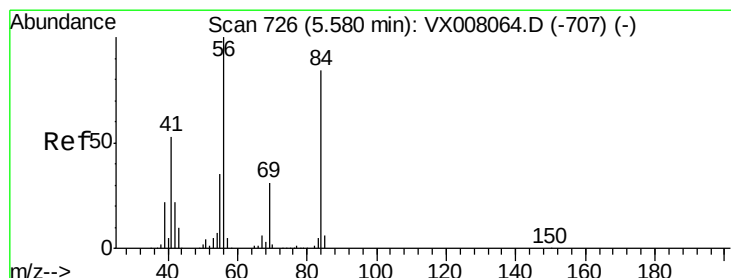
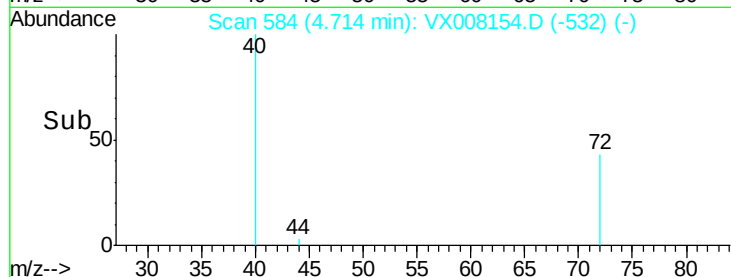
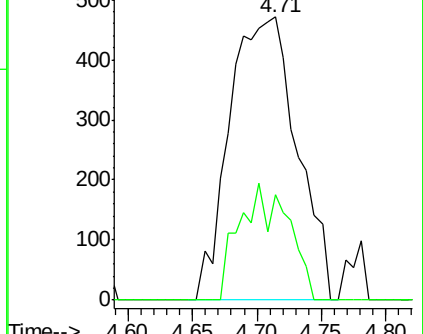
43 100

72 37.4 19.9 29.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#31

Cyclohexane

Concen: 1.367 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX008154.D

Acq: 16 Mar 2019 21:07

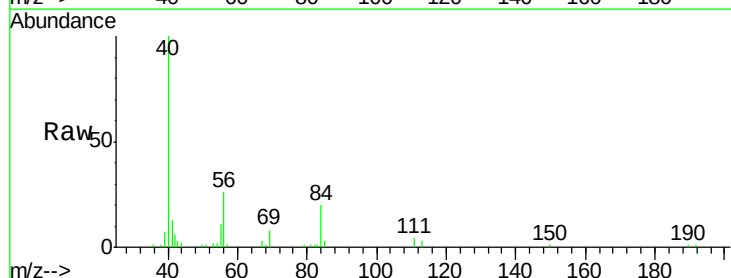
Tgt Ion: 56 Resp: 6481

Ion Ratio Lower Upper

56 100

69 29.6 24.0 36.0

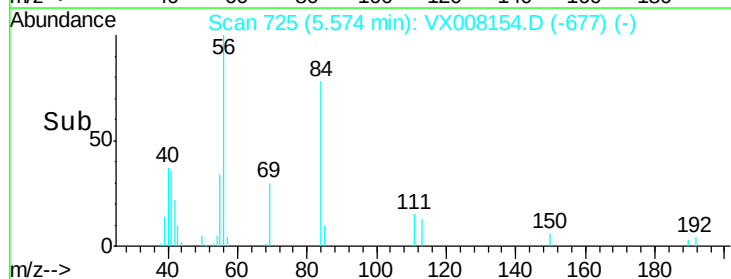
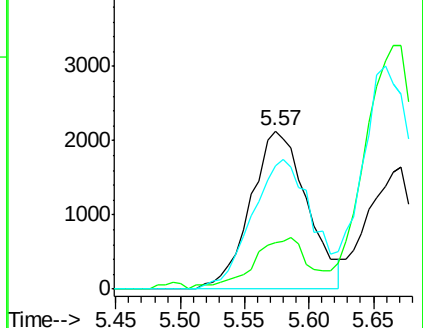
84 78.2 65.3 97.9

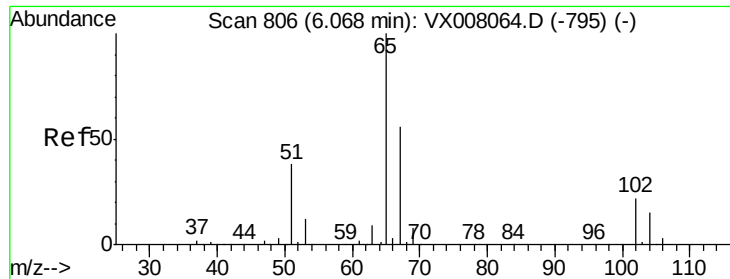


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 41.728 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX008154.D

Acq: 16 Mar 2019 21:07

Instrument :

MSVOA\_X

ClientSampleId :

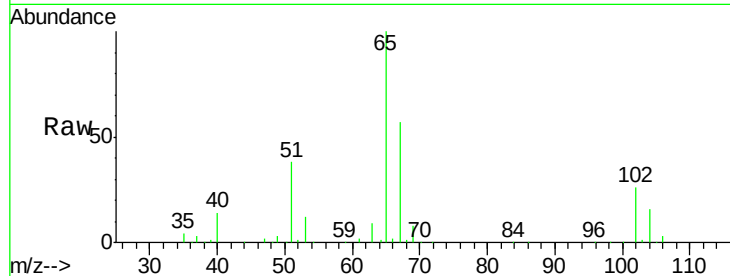
T3-MW-7-10.0-031419

Tot Ion: 65 Resp: 138315

Ion Ratio Lower Upper

65 100

67 55.8 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

50000

40000

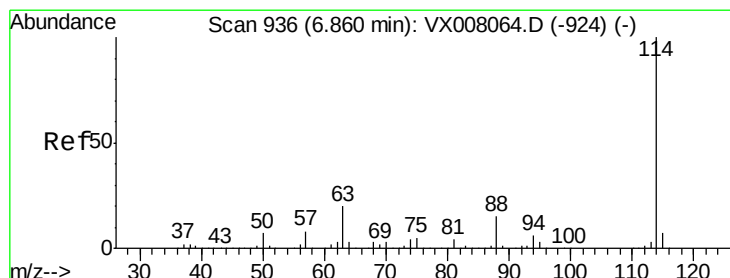
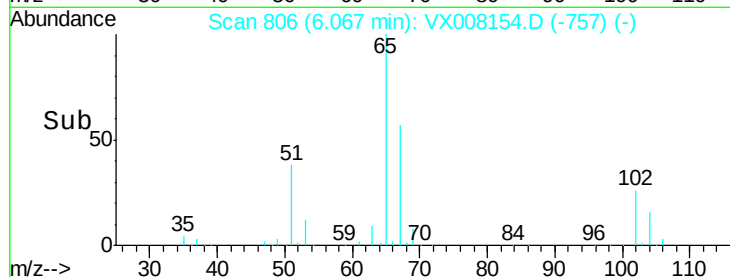
30000

20000

10000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008154.D

Acq: 16 Mar 2019 21:07

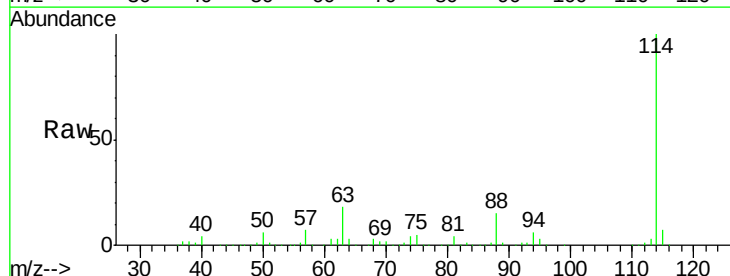
Tgt Ion: 114 Resp: 439824

Ion Ratio Lower Upper

114 100

63 18.2 0.0 39.8

88 15.0 0.0 31.4



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

6.86

250000

200000

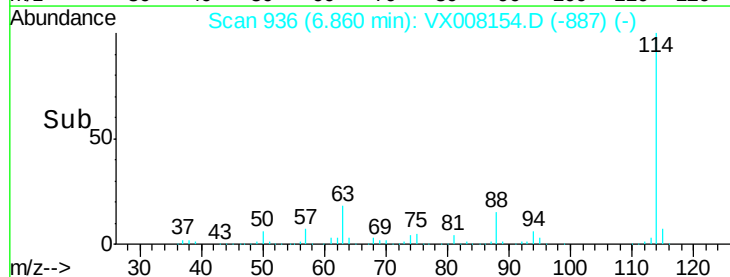
150000

100000

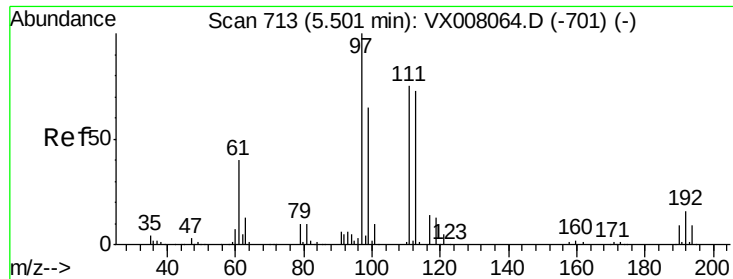
50000

0

Time--> 6.70 6.80 6.90 7.00







#35

Dibromofluoromethane

Concen: 46.842 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX008154.D

Acq: 16 Mar 2019 21:07

Instrument :

MSVOA\_X

ClientSampleId :

T3-MW-7-10.0-031419

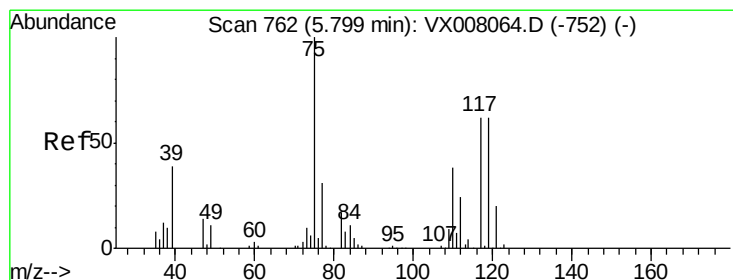
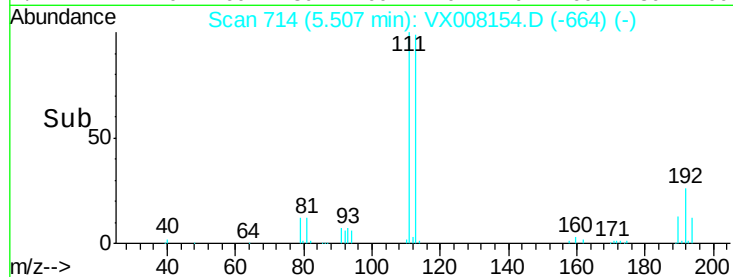
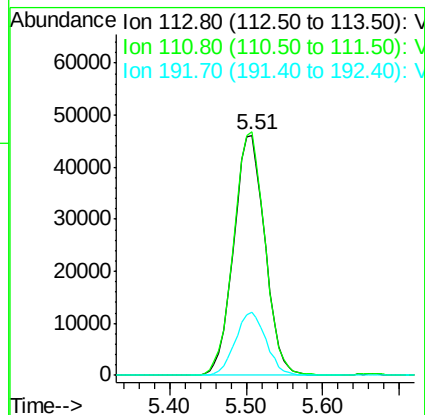
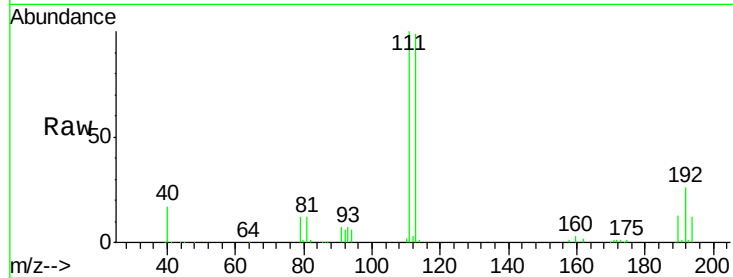
Tot Ion:113 Resp: 130649

Ion Ratio Lower Upper

113 100

111 101.4 81.4 122.0

192 25.8 19.4 29.0



#36

1,1-Dichloropropene

Concen: 5.011 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX008154.D

Acq: 16 Mar 2019 21:07

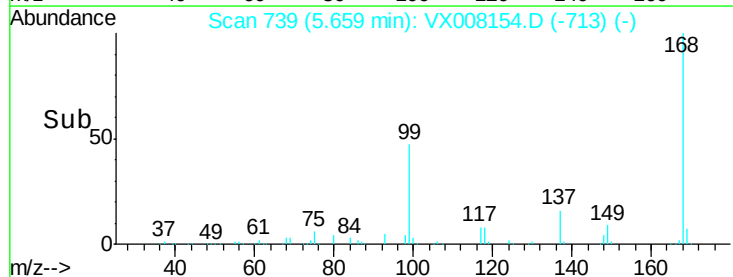
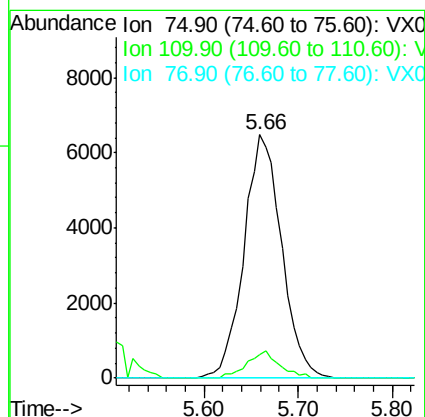
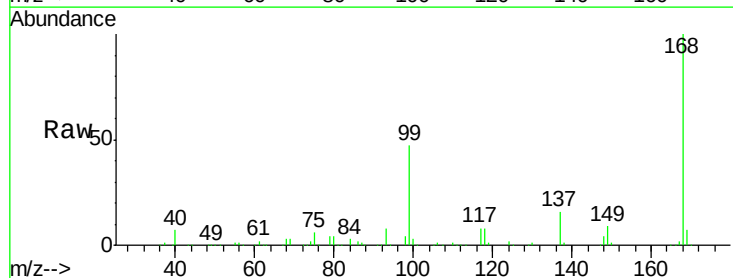
Tgt Ion: 75 Resp: 18131

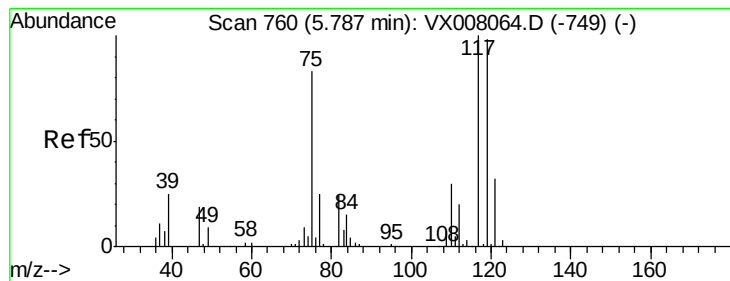
Ion Ratio Lower Upper

75 100

110 9.5 18.4 55.0#

77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 7.661 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX008154.D

Acq: 16 Mar 2019 21:07

Instrument :

MSVOA\_X

ClientSampleId :

T3-MW-7-10.0-031419

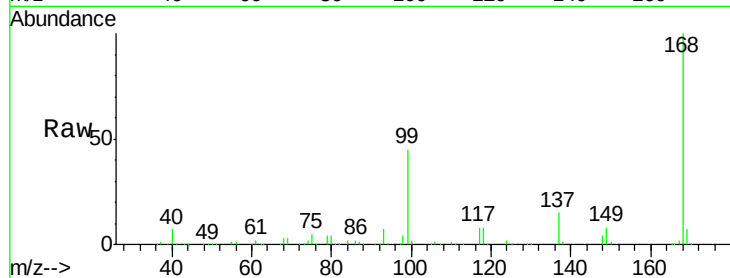
Tot Ion:117 Resp: 26683

Ion Ratio Lower Upper

117 100

119 5.7 76.2 114.2#

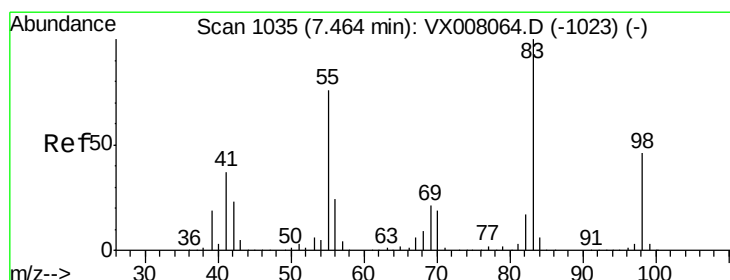
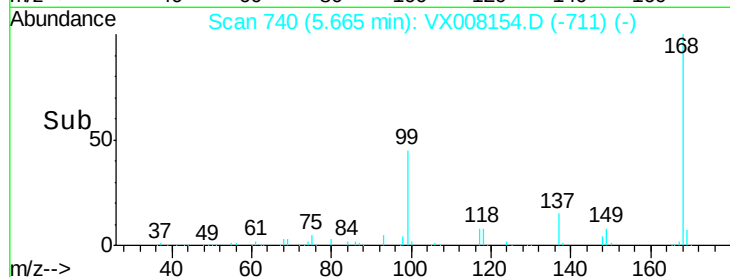
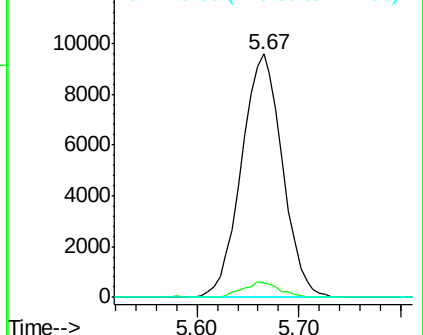
121 0.0 24.6 36.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 0.931 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VX008154.D

Acq: 16 Mar 2019 21:07

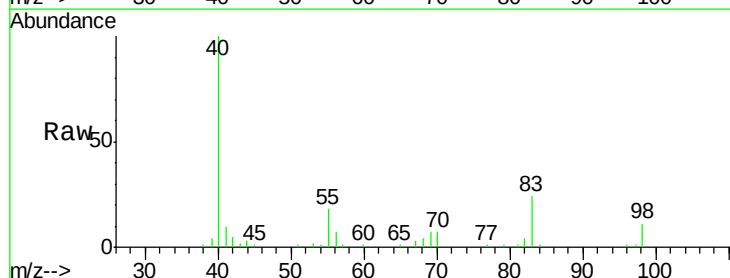
Tgt Ion: 83 Resp: 4306

Ion Ratio Lower Upper

83 100

55 73.5 60.4 90.6

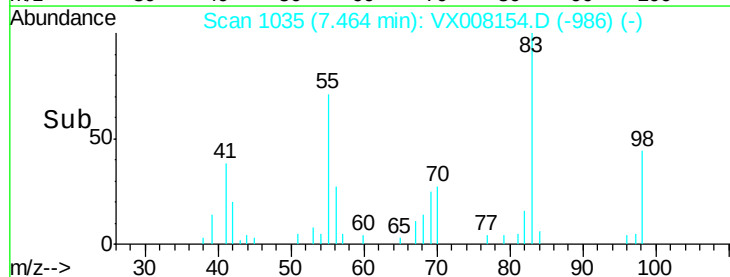
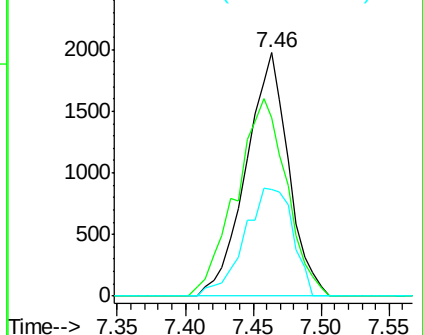
98 43.6 36.5 54.7

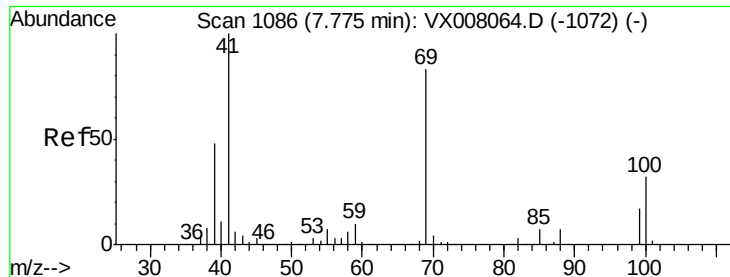


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

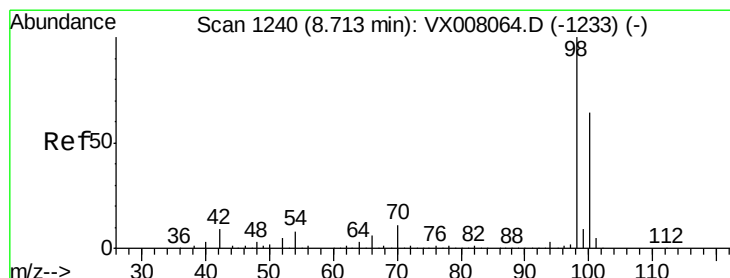
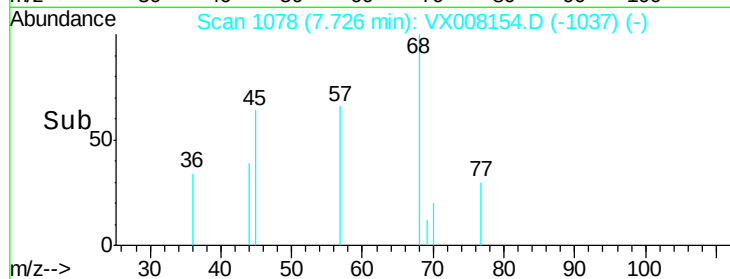
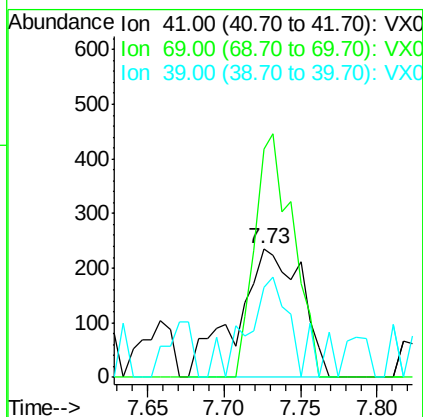
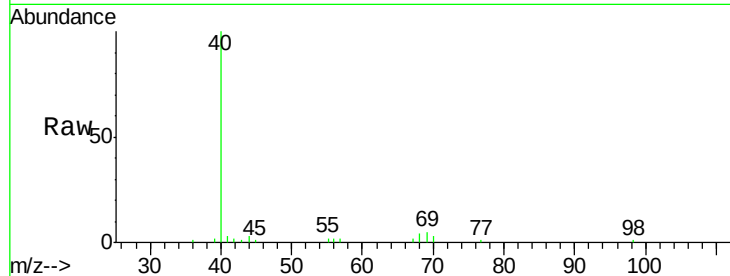




#48  
Methvl methacrylate  
Concen: 0.212 ug/l  
RT: 7.73 min Scan# 1078  
Delta R.T. -0.05 min  
Lab File: VX008154.D  
Acq: 16 Mar 2019 21:07

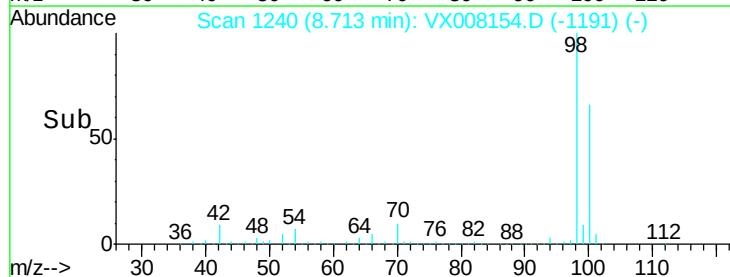
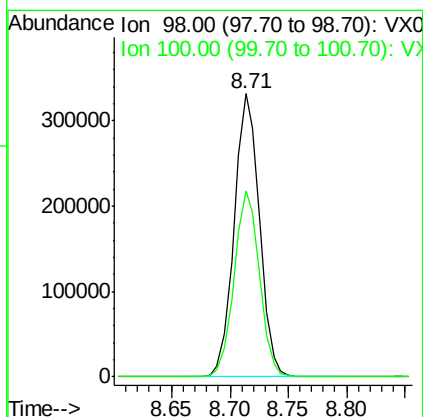
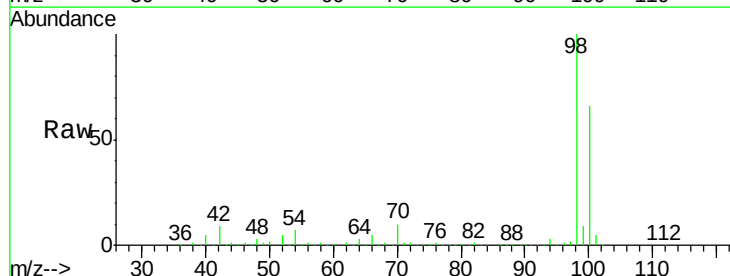
Instrument :  
MSVOA\_X  
ClientSampleId :  
T3-MW-7-10.0-031419

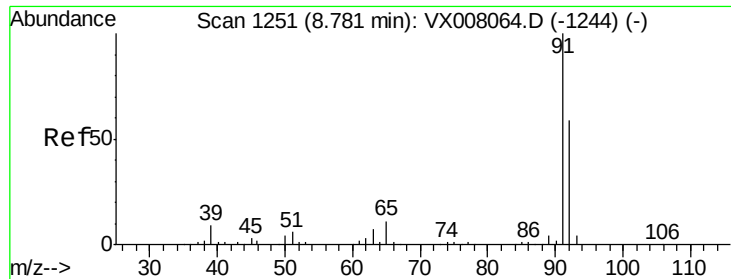
Tot Ion: 41 Resp: 693  
Ion Ratio Lower Upper  
41 100  
69 111.7 65.2 97.8#  
39 48.8 39.4 59.2



#50  
Toluene-d8  
Concen: 47.380 ug/l  
RT: 8.71 min Scan# 1240  
Delta R.T. -0.00 min  
Lab File: VX008154.D  
Acq: 16 Mar 2019 21:07

Tgt Ion: 98 Resp: 502601  
Ion Ratio Lower Upper  
98 100  
100 65.7 51.7 77.5





#52

Toluene

Concen: 0.206 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX008154.D

Acq: 16 Mar 2019 21:07

Instrument :

MSVOA\_X

ClientSampleId :

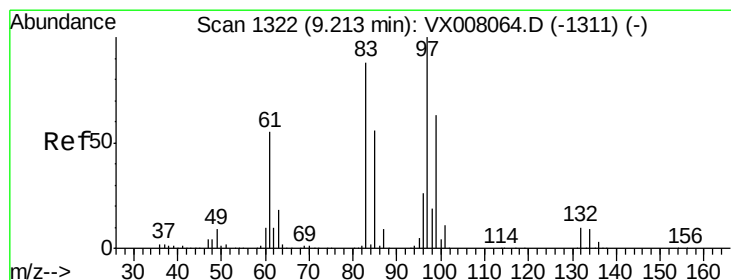
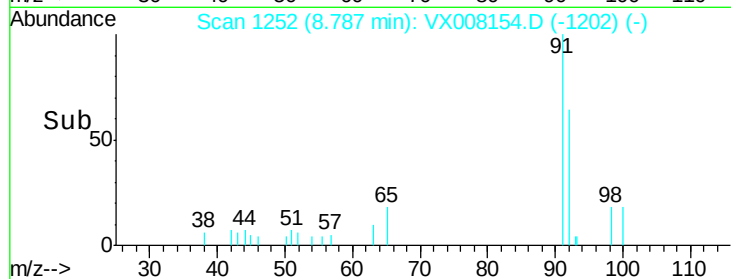
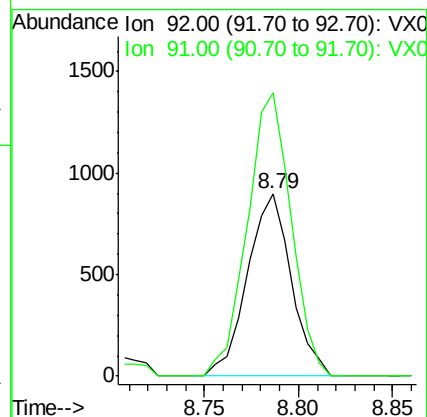
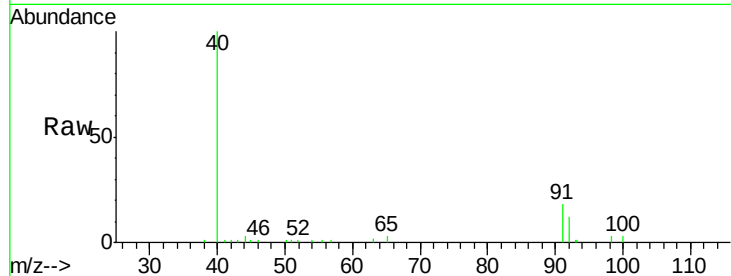
T3-MW-7-10.0-031419

Tot Ion: 92 Resp: 1448

Ion Ratio Lower Upper

92 100

91 155.1 137.4 206.0



#55

1,1,2-Trichloroethane

Concen: 0.293 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX008154.D

Acq: 16 Mar 2019 21:07

Tgt Ion: 97 Resp: 841

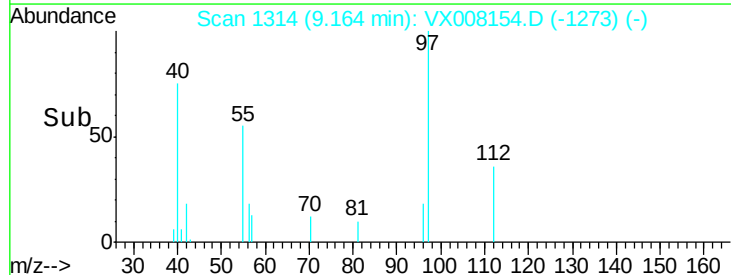
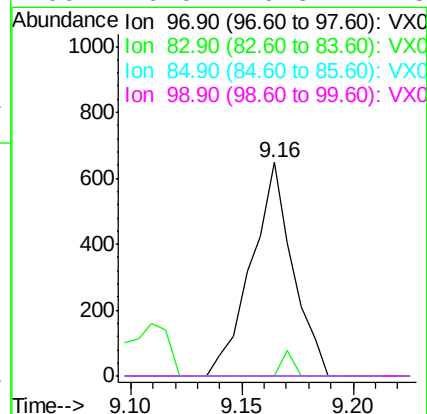
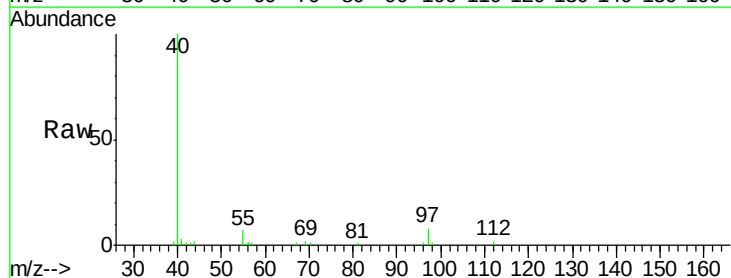
Ion Ratio Lower Upper

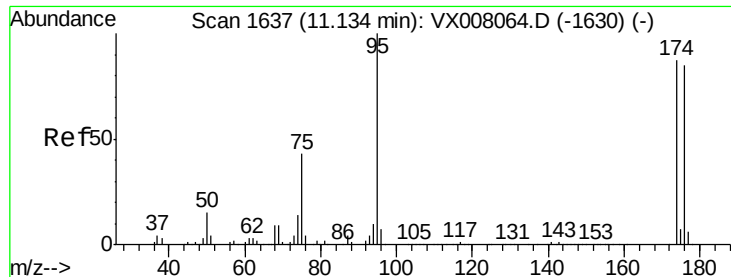
97 100

83 0.0 69.1 103.7#

85 0.0 44.3 66.5#

99 0.0 49.8 74.8#

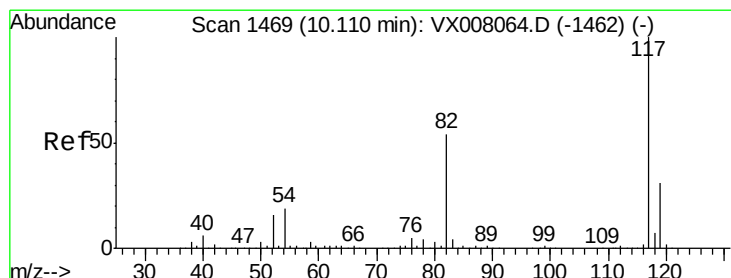
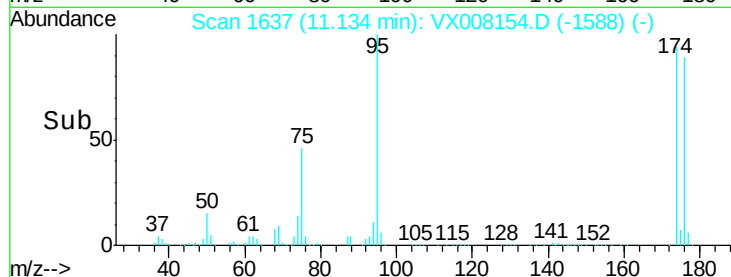
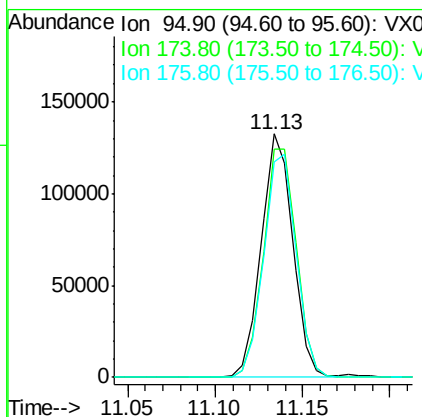
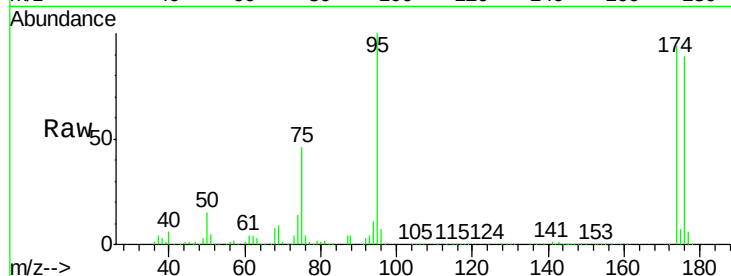




#62  
4-Bromofluorobenzene  
Concen: 43.913 ug/l  
RT: 11.13 min Scan# 1637  
Delta R.T. -0.00 min  
Lab File: VX008154.D  
Acq: 16 Mar 2019 21:07

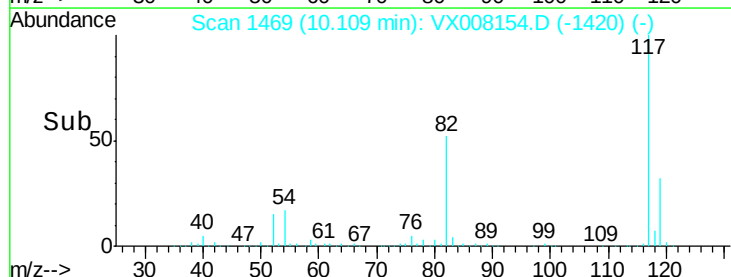
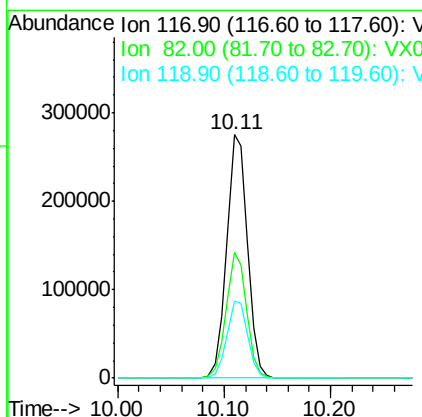
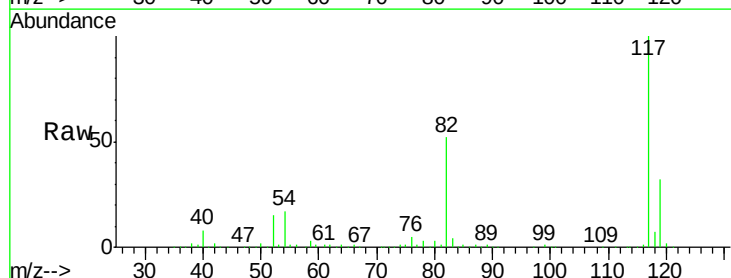
Instrument :  
MSVOA\_X  
ClientSampleId :  
T3-MW-7-10.0-031419

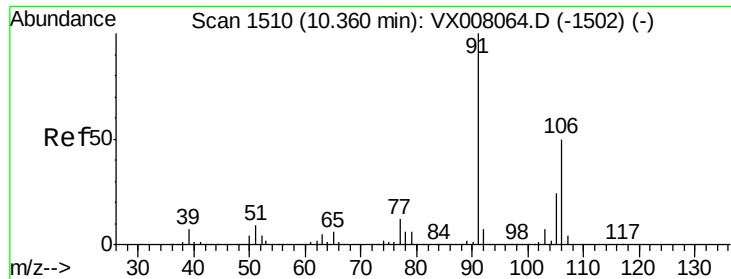
Tot Ion: 95 Resp: 166873  
Ion Ratio Lower Upper  
95 100  
174 98.7 0.0 182.8  
176 94.6 0.0 178.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1469  
Delta R.T. -0.00 min  
Lab File: VX008154.D  
Acq: 16 Mar 2019 21:07

Tgt Ion: 117 Resp: 377630  
Ion Ratio Lower Upper  
117 100  
82 51.7 44.3 66.5  
119 31.9 25.3 37.9

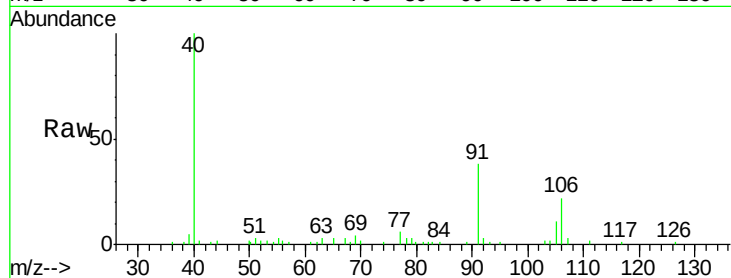




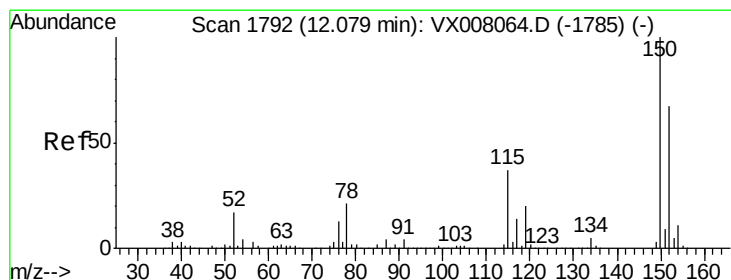
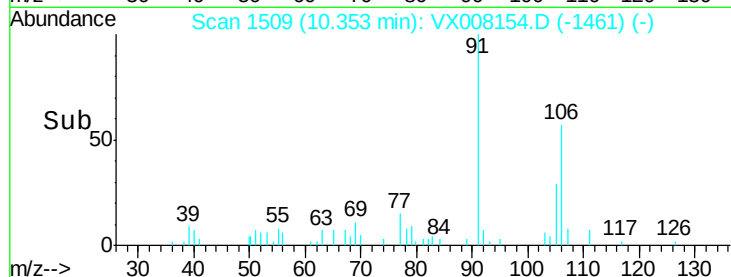
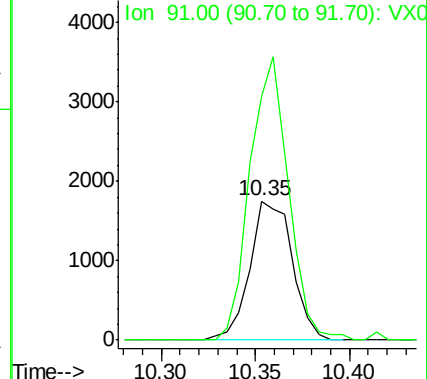
#68  
m/p-Xvlenes  
Concen: 0.577 ug/l  
RT: 10.35 min Scan# 1509  
Delta R.T. -0.01 min  
Lab File: VX008154.D  
Acq: 16 Mar 2019 21:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
T3-MW-7-10.0-031419

Tot Ion:106 Resp: 2738  
Ion Ratio Lower Upper  
106 100  
91 184.5 159.8 239.6

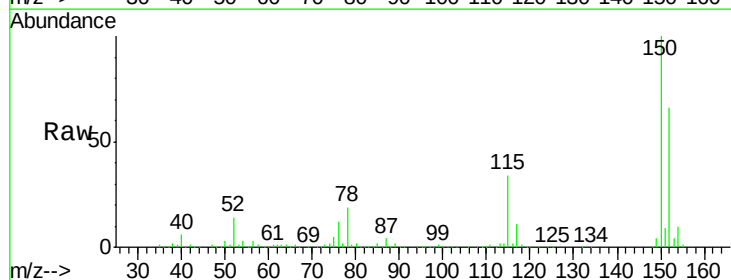


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VX0

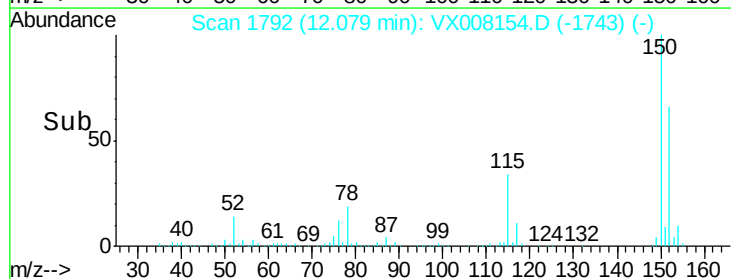
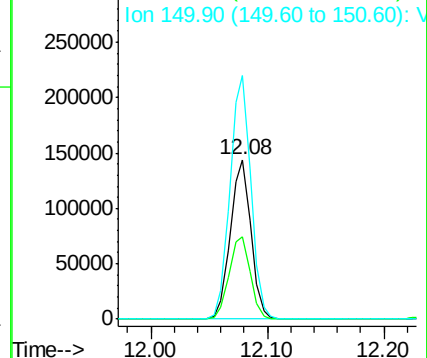


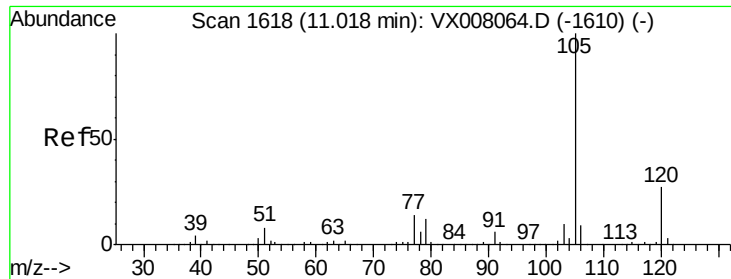
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.08 min Scan# 1792  
Delta R.T. -0.00 min  
Lab File: VX008154.D  
Acq: 16 Mar 2019 21:07

Tgt Ion:152 Resp: 175538  
Ion Ratio Lower Upper  
152 100  
115 53.5 38.6 115.7  
150 154.9 0.0 348.4



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





#73

Isopropylbenzene

Concen: 3.476 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008154.D

Acq: 16 Mar 2019 21:07

Instrument :

MSVOA\_X

ClientSampleId :

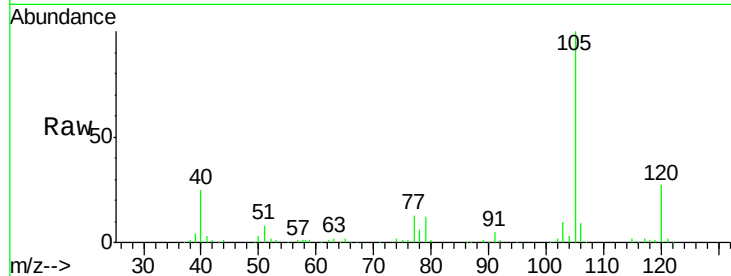
T3-MW-7-10.0-031419

Tot Ion:105 Resp: 39085

Ion Ratio Lower Upper

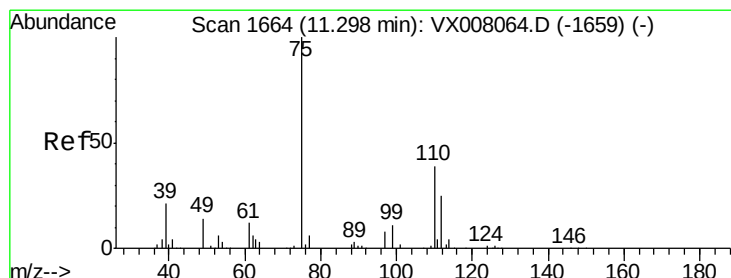
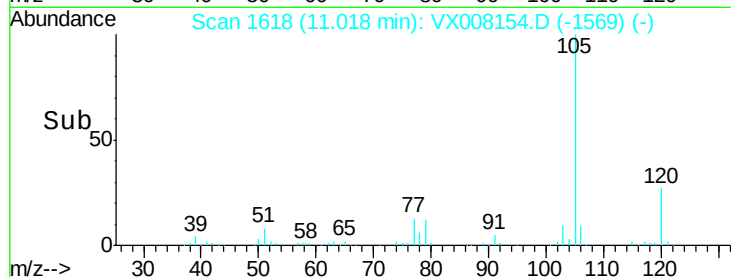
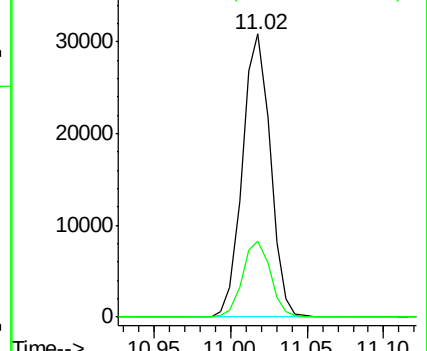
105 100

120 26.9 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 24.462 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX008154.D

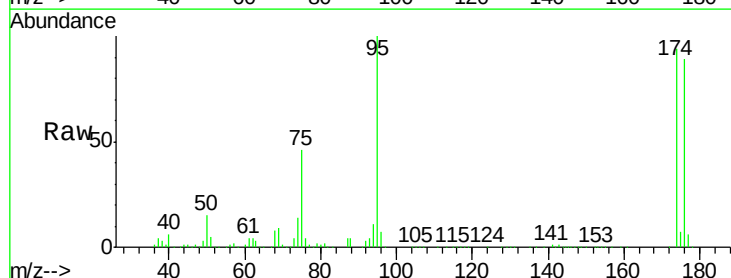
Acq: 16 Mar 2019 21:07

Tgt Ion: 75 Resp: 74575

Ion Ratio Lower Upper

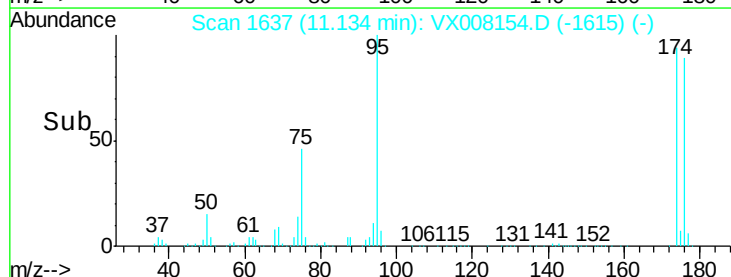
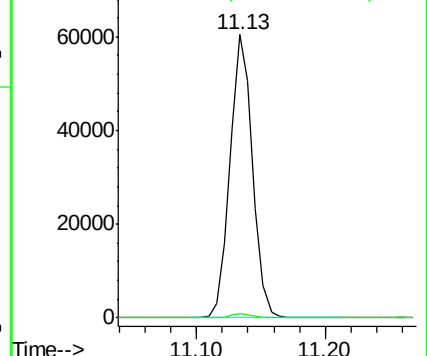
75 100

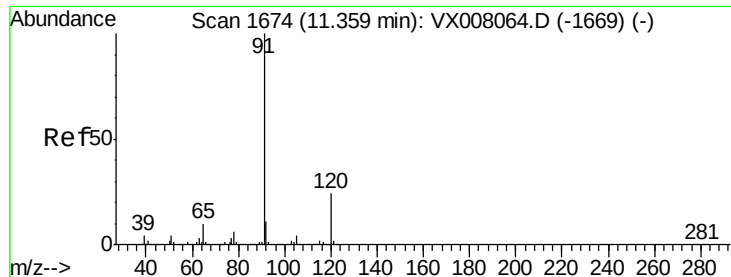
77 1.5 18.9 56.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 1.408 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008154.D

Acq: 16 Mar 2019 21:07

Instrument :

MSVOA\_X

ClientSampleId :

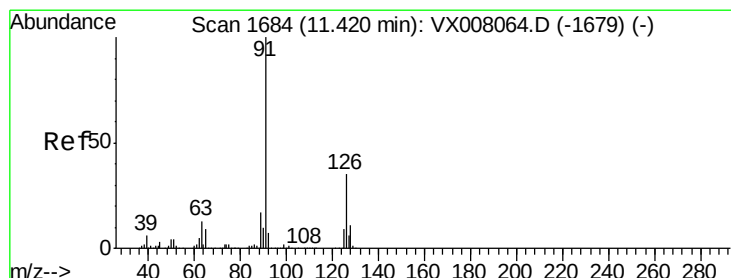
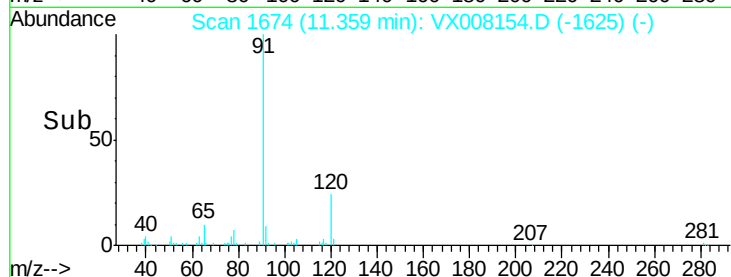
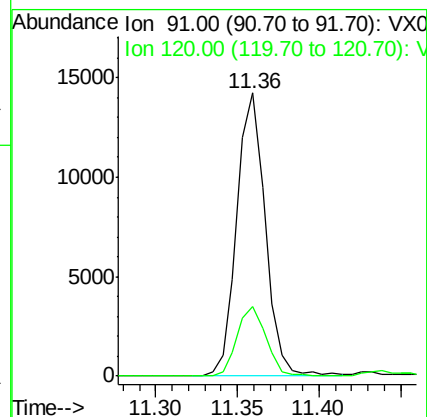
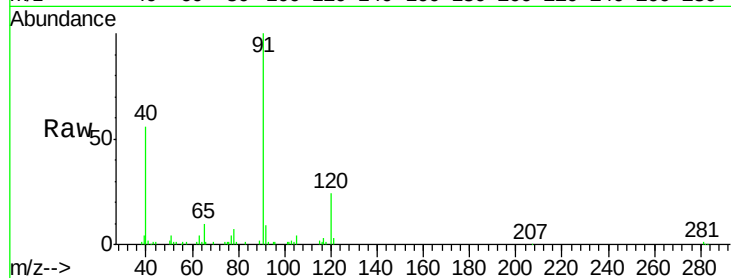
T3-MW-7-10.0-031419

Tot Ion: 91 Resp: 17367

Ion Ratio Lower Upper

91 100

120 24.8 12.0 36.0



#79

2-Chlorotoluene

Concen: 2.305 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.06 min

Lab File: VX008154.D

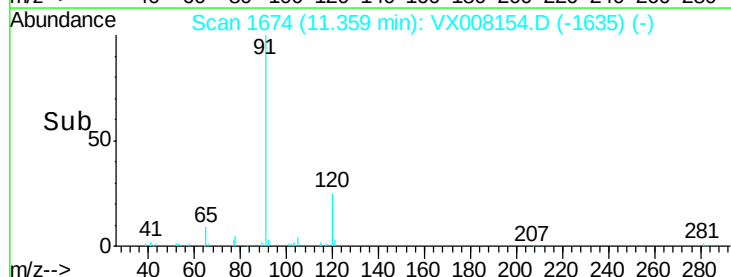
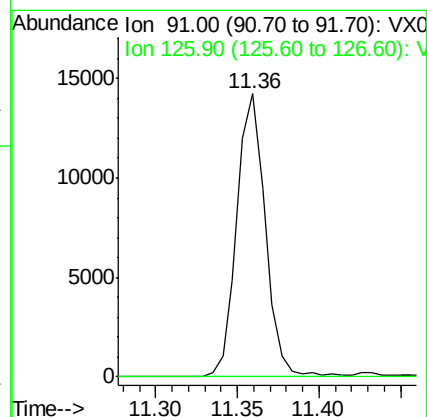
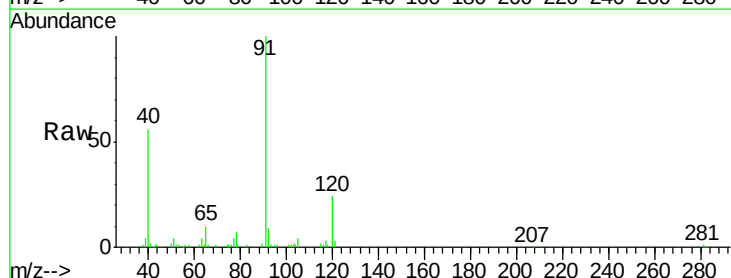
Acq: 16 Mar 2019 21:07

Tgt Ion: 91 Resp: 17367

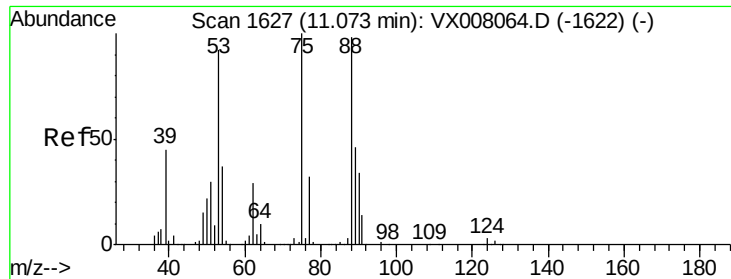
Ion Ratio Lower Upper

91 100

126 0.0 17.5 52.6#



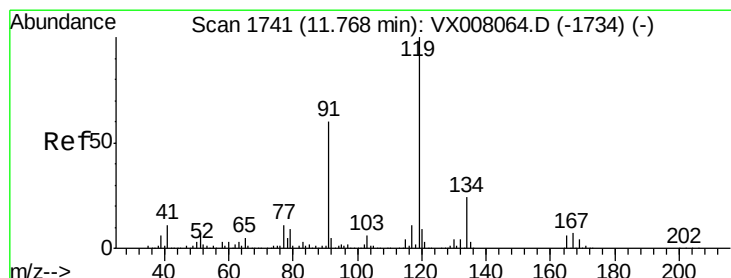
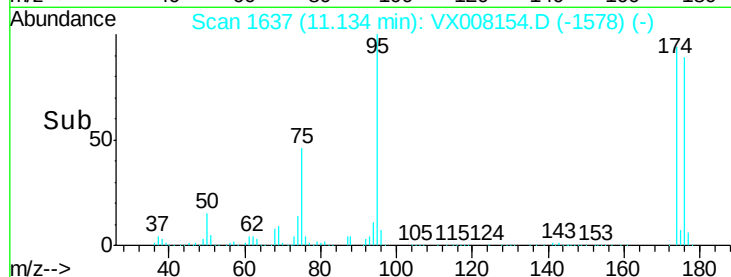
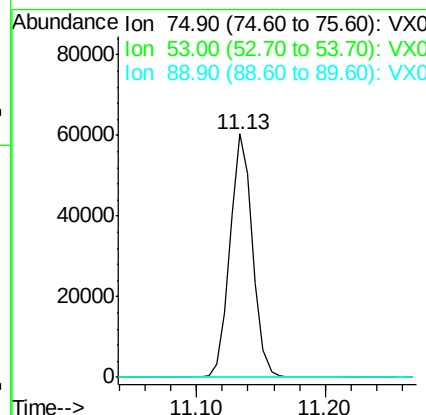
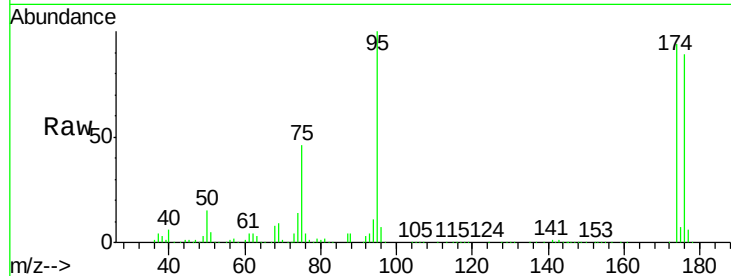




#81  
trans-1,4-Dichloro-2-butene  
Concen: 69.611 ug/l  
RT: 11.13 min Scan# 1637  
Delta R.T. 0.06 min  
Lab File: VX008154.D  
Acq: 16 Mar 2019 21:07

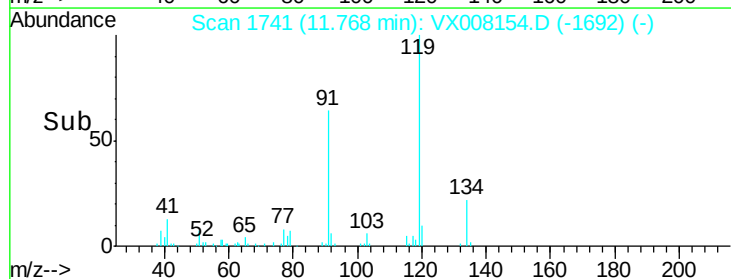
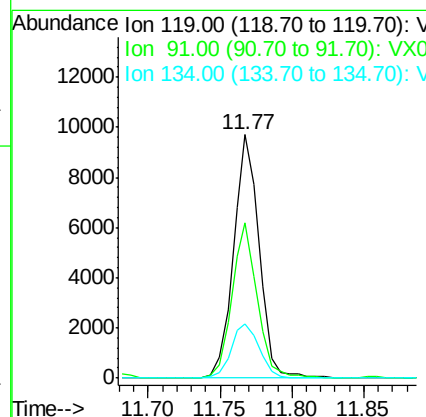
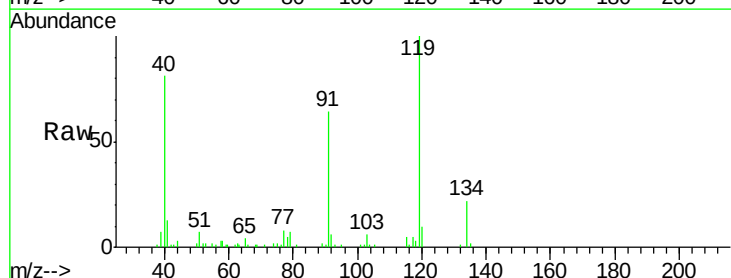
Instrument :  
MSVOA\_X  
ClientSampleId :  
T3-MW-7-10.0-031419

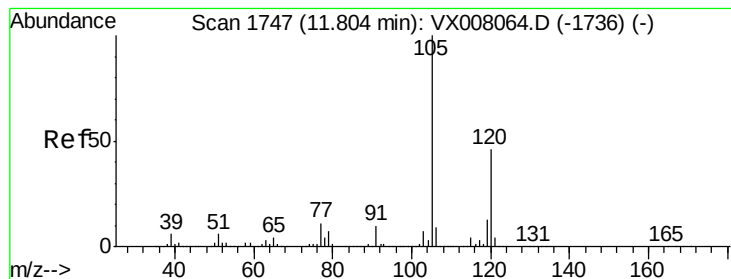
Tot Ion: 75 Resp: 74575  
Ion Ratio Lower Upper  
75 100  
53 0.1 76.1 114.1#  
89 0.0 36.3 54.5#



#83  
tert-Butylbenzene  
Concen: 1.304 ug/l  
RT: 11.77 min Scan# 1741  
Delta R.T. -0.00 min  
Lab File: VX008154.D  
Acq: 16 Mar 2019 21:07

Tgt Ion: 119 Resp: 12109  
Ion Ratio Lower Upper  
119 100  
91 63.2 27.1 81.3  
134 24.5 11.4 34.1





#84

1,2,4-Trimethylbenzene

Concen: 0.826 ug/l

RT: 11.67 min Scan# 1725

Delta R.T. -0.13 min

Lab File: VX008154.D

Acq: 16 Mar 2019 21:07

Instrument :

MSVOA\_X

ClientSampleId :

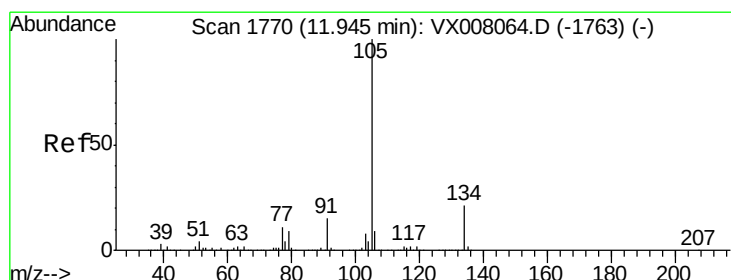
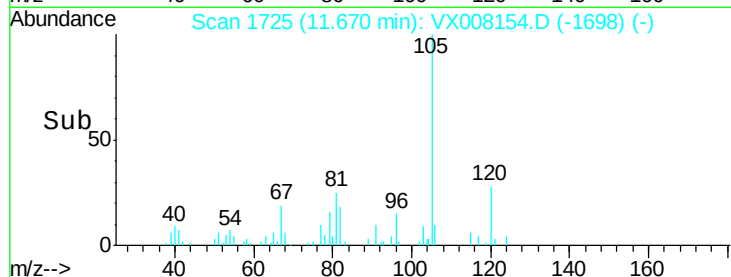
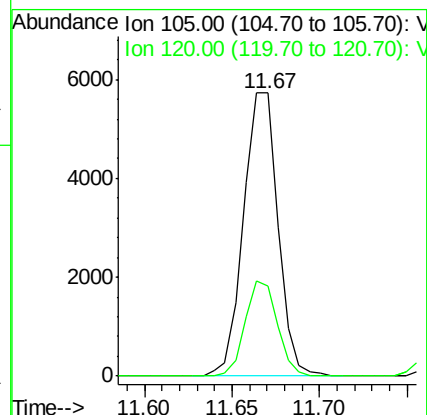
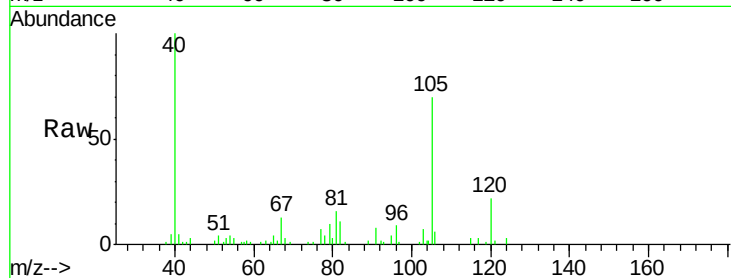
T3-MW-7-10.0-031419

Tot Ion:105 Resp: 7890

Ion Ratio Lower Upper

105 100

120 31.3 22.6 67.7



#85

sec-Butylbenzene

Concen: 3.116 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008154.D

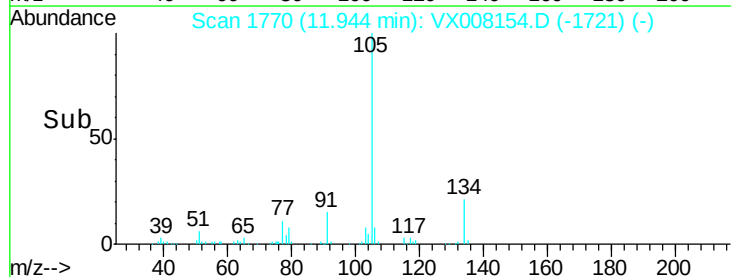
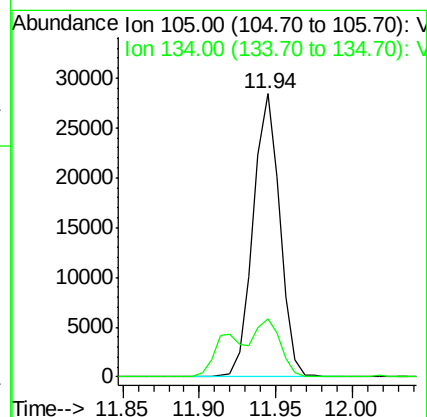
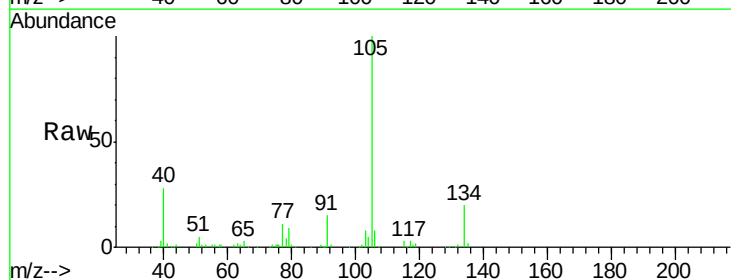
Acq: 16 Mar 2019 21:07

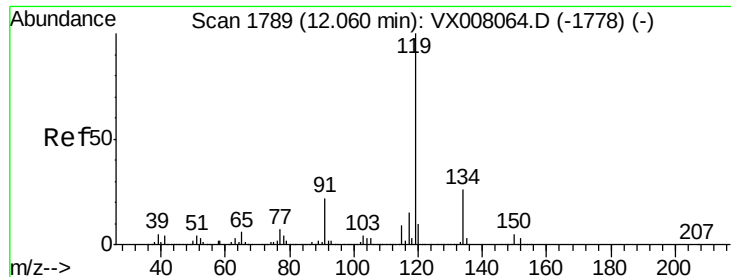
Tgt Ion:105 Resp: 34465

Ion Ratio Lower Upper

105 100

134 18.6 10.4 31.2

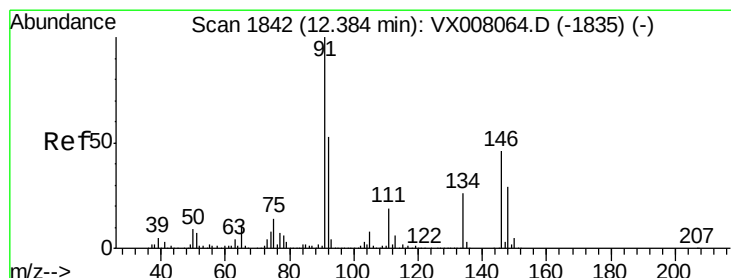
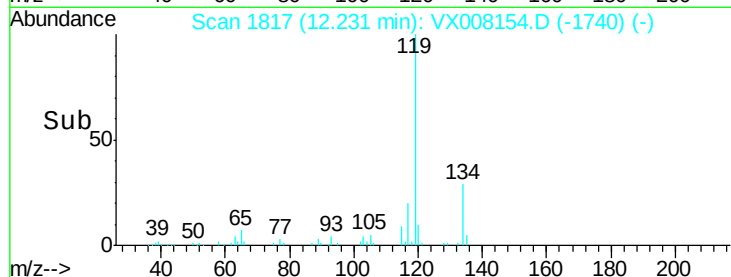
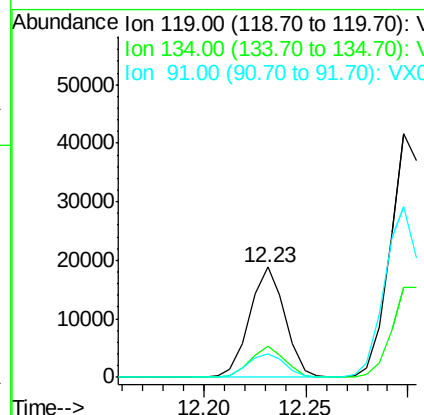
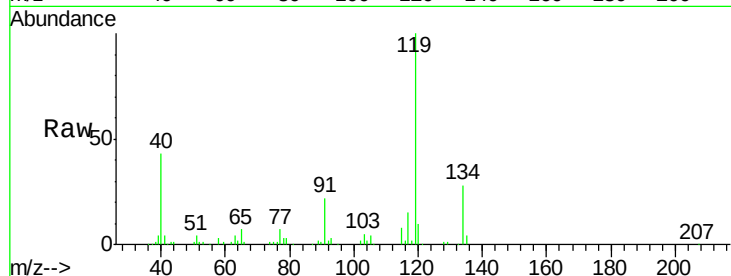




#86  
p-Isopropyltoluene  
Concen: 2.269 ug/l  
RT: 12.23 min Scan# 1817  
Delta R.T. 0.17 min  
Lab File: VX008154.D  
Acq: 16 Mar 2019 21:07

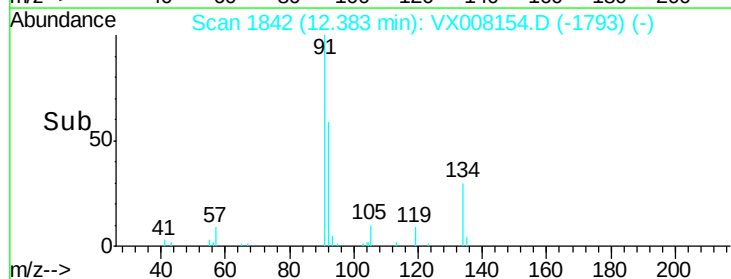
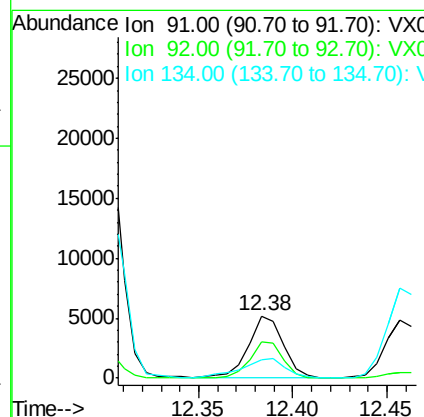
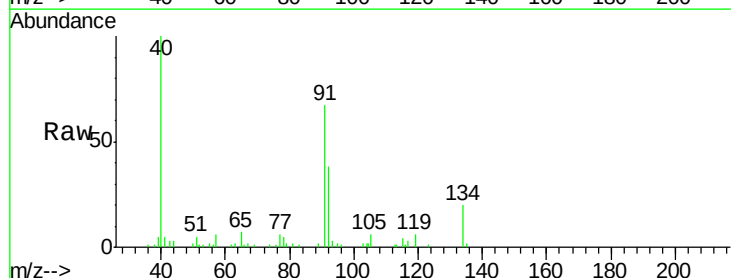
Instrument :  
MSVOA\_X  
ClientSampleId :  
T3-MW-7-10.0-031419

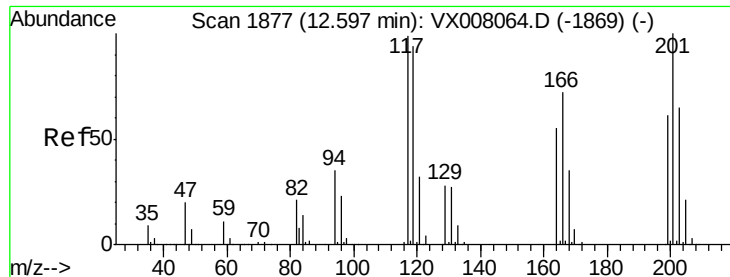
Tot Ion:119 Resp: 22701  
Ion Ratio Lower Upper  
119 100  
134 27.7 13.3 39.9  
91 23.0 10.9 32.7



#89  
n-Butylbenzene  
Concen: 0.813 ug/l  
RT: 12.38 min Scan# 1842  
Delta R.T. -0.00 min  
Lab File: VX008154.D  
Acq: 16 Mar 2019 21:07

Tgt Ion: 91 Resp: 6809  
Ion Ratio Lower Upper  
91 100  
92 53.7 27.0 80.8  
134 38.8 13.7 41.0





#90

Hexachloroethane

Concen: 4.220 ug/l

RT: 12.66 min Scan# 1888

Delta R.T. 0.07 min

Lab File: VX008154.D

Acq: 16 Mar 2019 21:07

Instrument :

MSVOA\_X

ClientSampleId :

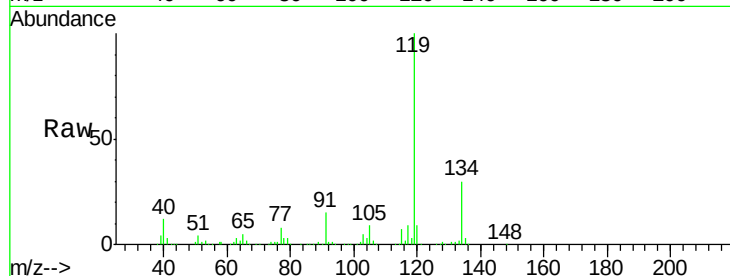
T3-MW-7-10.0-031419

Tot Ion:117 Resp: 6757

Ion Ratio Lower Upper

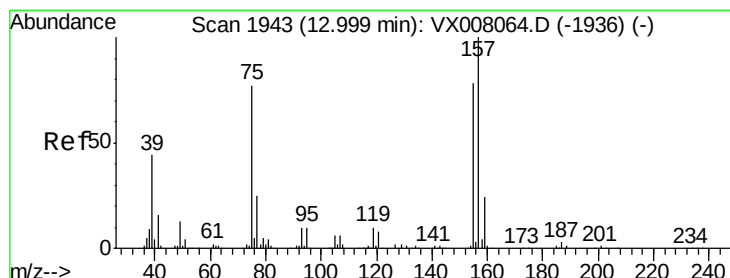
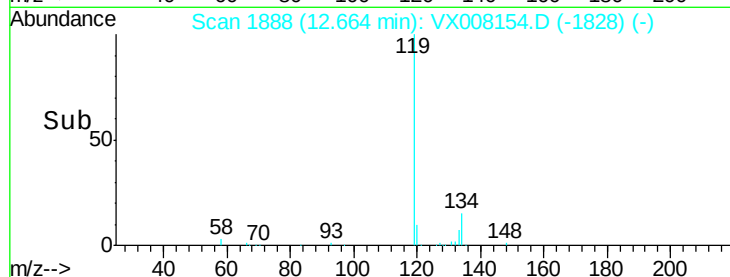
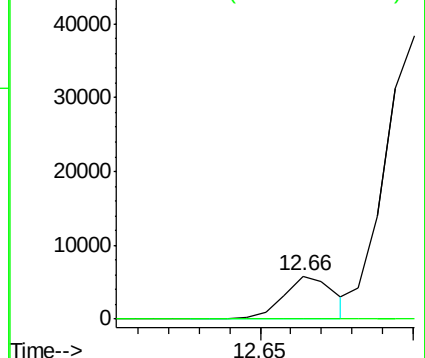
117 100

201 0.0 48.9 146.7#



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: 1.120 ug/l

RT: 12.97 min Scan# 1939

Delta R.T. -0.02 min

Lab File: VX008154.D

Acq: 16 Mar 2019 21:07

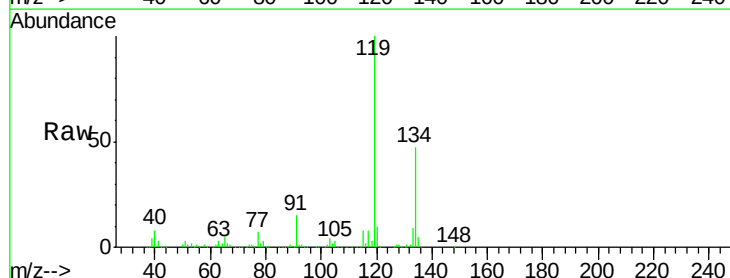
Tgt Ion: 75 Resp: 834

Ion Ratio Lower Upper

75 100

155 0.0 49.7 149.1#

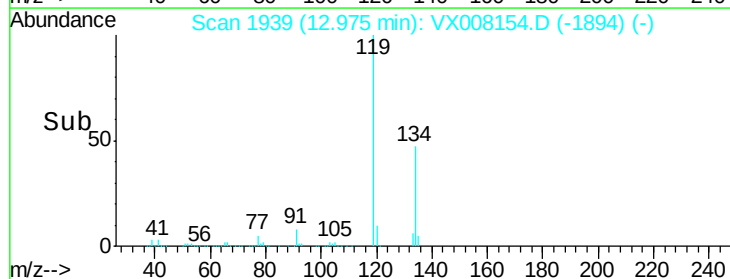
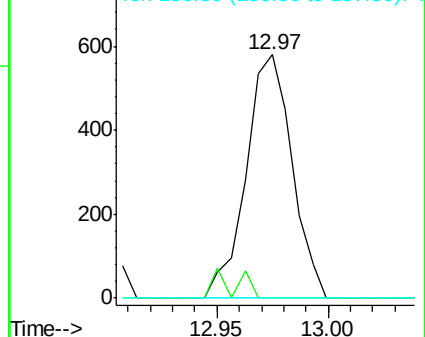
157 0.0 63.8 191.4#

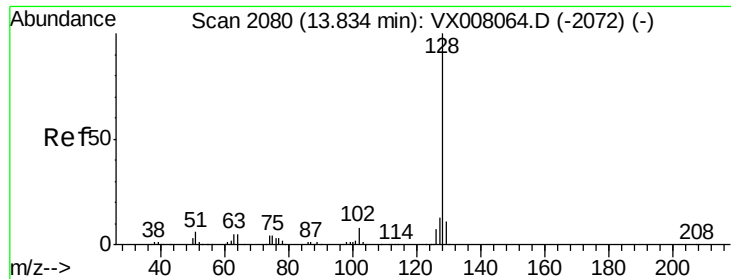


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95  
Naphthalene  
Concen: 0.344 ug/l  
RT: 13.83 min Scan# 2080  
Delta R.T. -0.00 min  
Lab File: VX008154.D  
Acq: 16 Mar 2019 21:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
T3-MW-7-10.0-031419

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 18.6  | 10.3  | 15.5# |
| 129     | 13.8  | 8.7   | 13.1# |

