

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\VX070720\  
 Data File : VX017235.D  
 Acq On : 08 Jul 2020 04:23  
 Operator : JC/SP  
 Sample : L3232-09  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 49 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 1009-MW-16

Quant Time: Jul 15 02:45:51 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X062920W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jun 29 17:10:38 2020  
 Response via : Initial Calibration

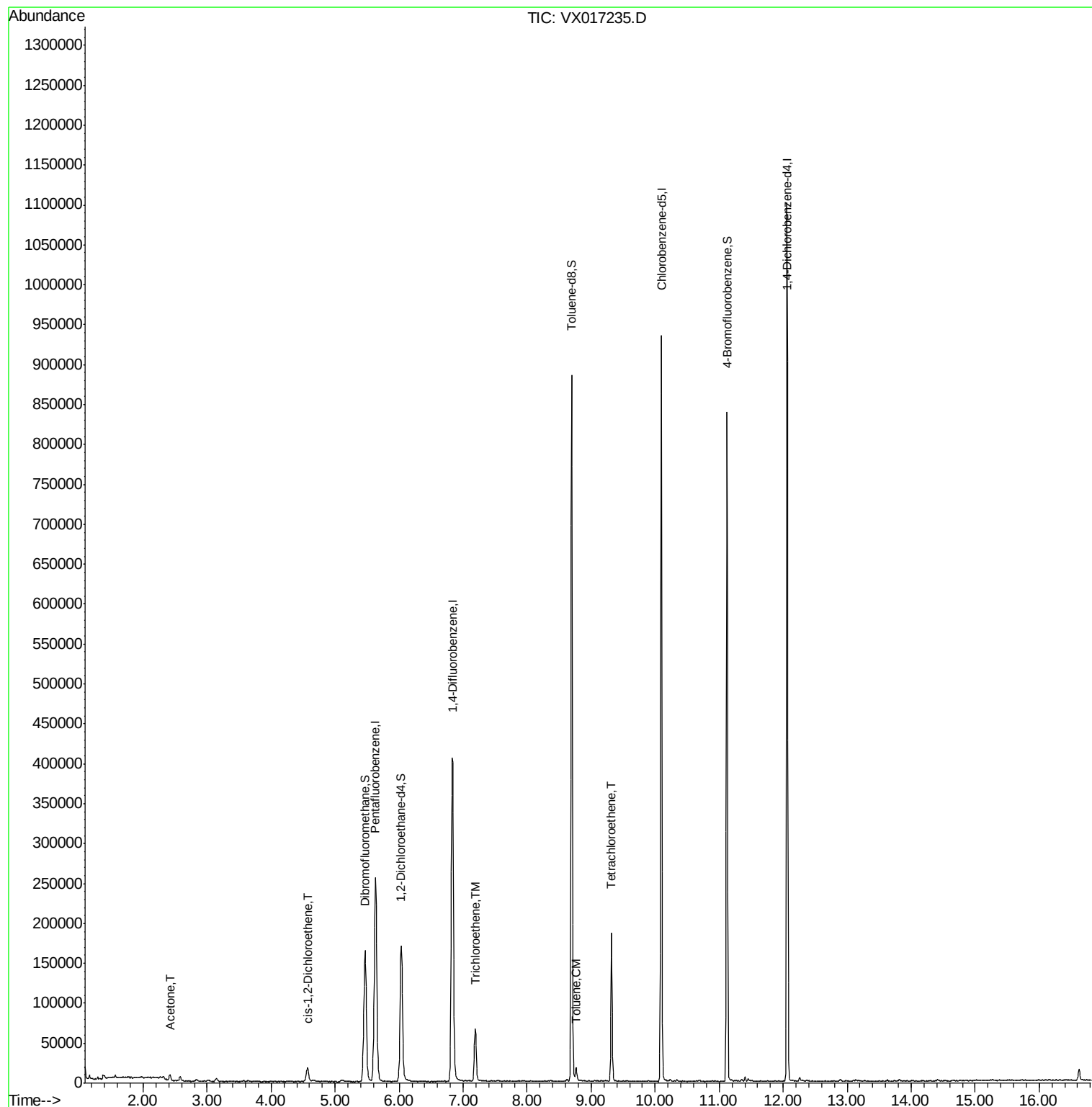
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 5.63  | 168  | 244415   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.84  | 114  | 415792   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 10.10 | 117  | 430676   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.06 | 152  | 231984   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 6.03  | 65   | 166987   | 55.42  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 110.84% |          |
| 35) Dibromofluoromethane    | 5.47  | 113  | 143418   | 54.53  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 109.06% |          |
| 50) Toluene-d8              | 8.70  | 98   | 507904   | 52.22  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 104.44% |          |
| 62) 4-Bromofluorobenzene    | 11.12 | 95   | 207057   | 54.46  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 108.92% |          |
| Target Compounds            |       |      |          |        |         |          |
| 16) Acetone                 | 2.42  | 43   | 8579     | 7.611  | ug/l    | 96       |
| 27) cis-1,2-Dichloroethene  | 4.57  | 96   | 10986    | 3.613  | ug/l    | 88       |
| 44) Trichloroethene         | 7.19  | 130  | 25962    | 7.888  | ug/l    | 95       |
| 52) Toluene                 | 8.76  | 92   | 5625     | 0.780  | ug/l    | 92       |
| 64) Tetrachloroethene       | 9.32  | 164  | 36613    | 10.534 | ug/l    | 95       |

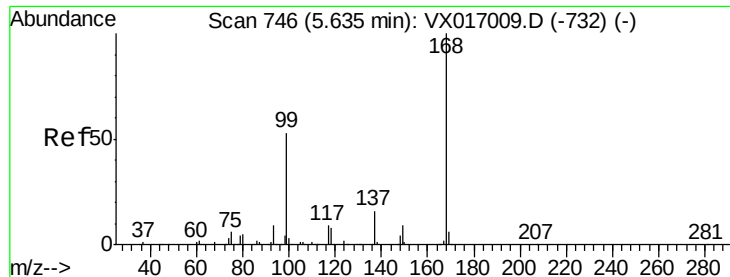
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_X\DATA\VX070720\  
Data File : VX017235.D  
Acq On : 08 Jul 2020 04:23  
Operator : JC/SP  
Sample : L3232-09  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 49 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
1009-MW-16

Quant Time: Jul 15 02:45:51 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X062920W.M  
Quant Title : SW846 8260  
QLast Update : Mon Jun 29 17:10:38 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017235.D

Acq: 08 Jul 2020 04:23

Instrument :

MSVOA\_X

ClientSampleId :

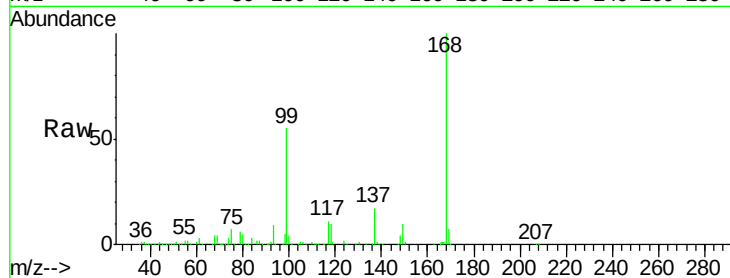
1009-MW-16

Tgt Ion:168 Resp: 244415

Ion Ratio Lower Upper

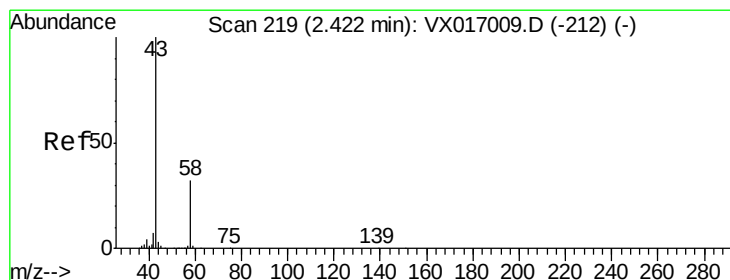
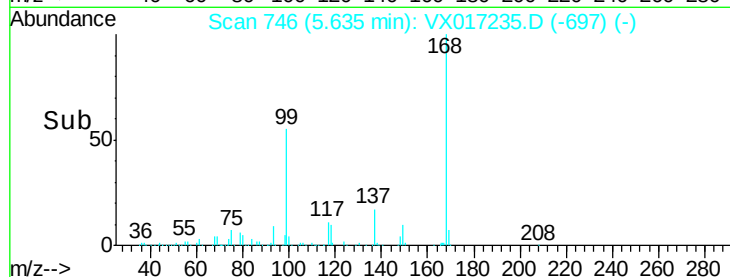
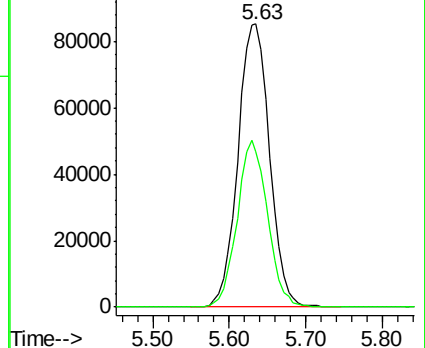
168 100

99 55.0 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 7.611 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017235.D

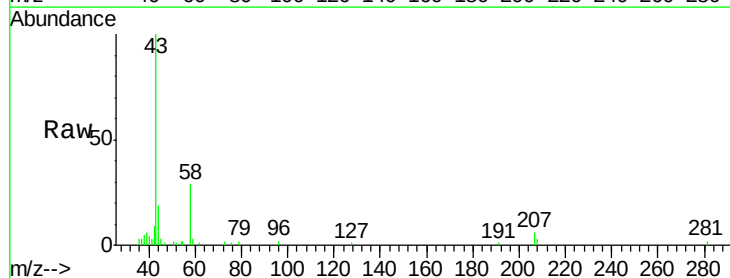
Acq: 08 Jul 2020 04:23

Tgt Ion: 43 Resp: 8579

Ion Ratio Lower Upper

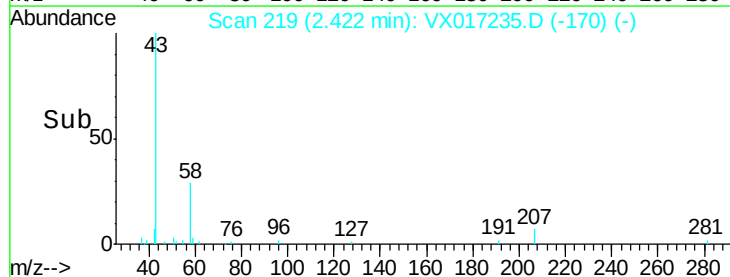
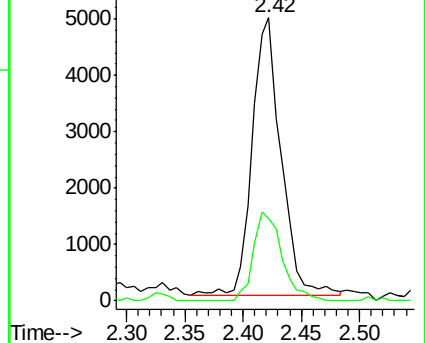
43 100

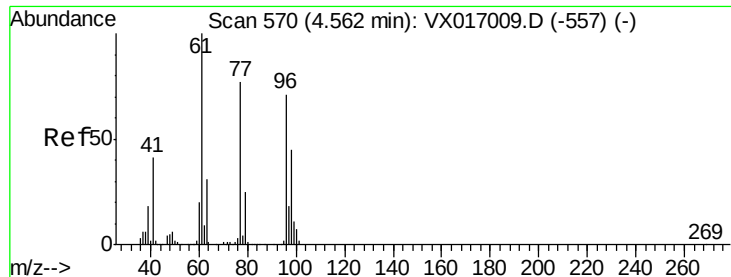
58 29.7 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



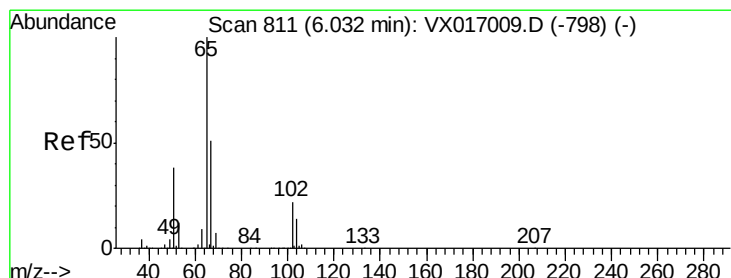
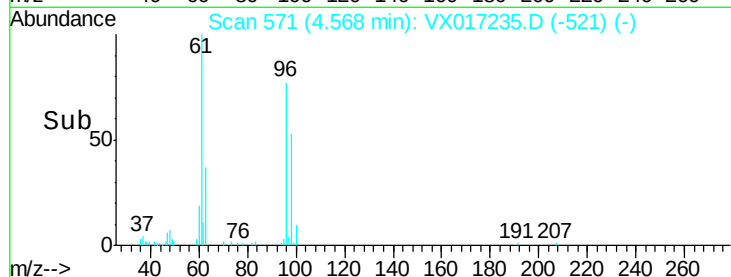
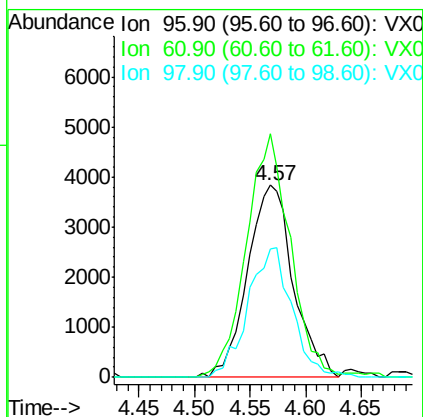
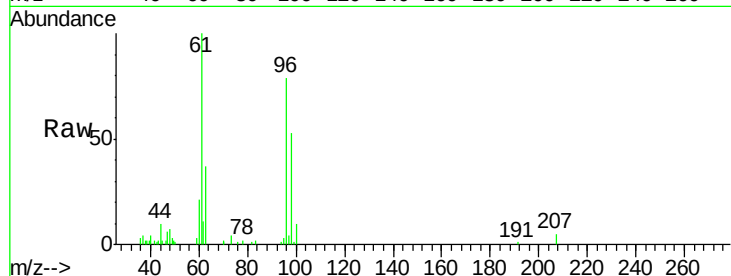


#27

cis-1,2-Dichloroethene  
 Concen: 3.613 ug/l  
 RT: 4.57 min Scan# 571  
 Delta R.T. 0.01 min  
 Lab File: VX017235.D  
 Acq: 08 Jul 2020 04:23

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 1009-MW-16

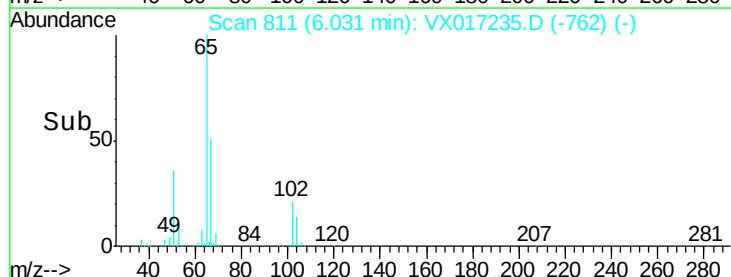
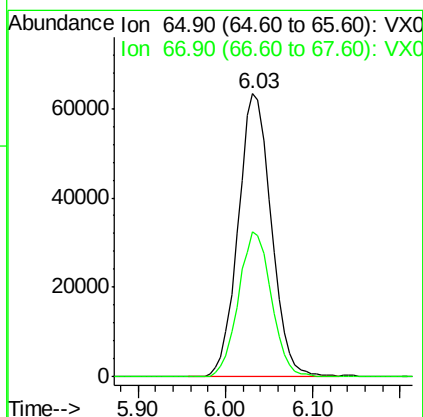
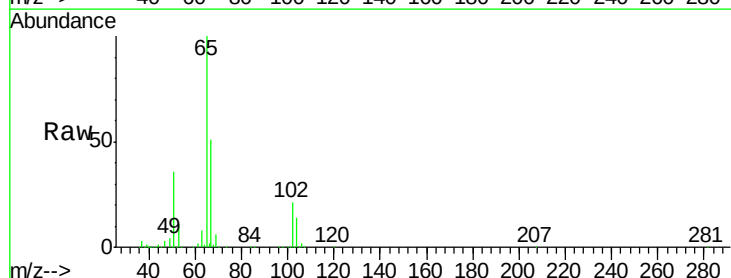
| Tgt Ion   | Resp  | Lower | Upper |
|-----------|-------|-------|-------|
| 96        | 10986 |       |       |
| Ion Ratio |       |       |       |
| 96        | 100   |       |       |
| 61        | 121.4 | 0.0   | 282.8 |
| 98        | 65.2  | 0.0   | 127.6 |

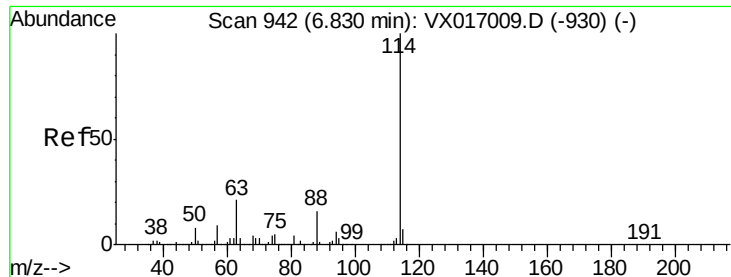


#33

1,2-Dichloroethane-d4  
 Concen: 55.419 ug/l  
 RT: 6.03 min Scan# 811  
 Delta R.T. -0.00 min  
 Lab File: VX017235.D  
 Acq: 08 Jul 2020 04:23

| Tgt Ion   | Resp   | Lower | Upper |
|-----------|--------|-------|-------|
| 65        | 166987 |       |       |
| Ion Ratio |        |       |       |
| 65        | 100    |       |       |
| 67        | 51.1   | 0.0   | 103.8 |





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017235.D

Acq: 08 Jul 2020 04:23

Instrument :

MSVOA\_X

ClientSampleId :

1009-MW-16

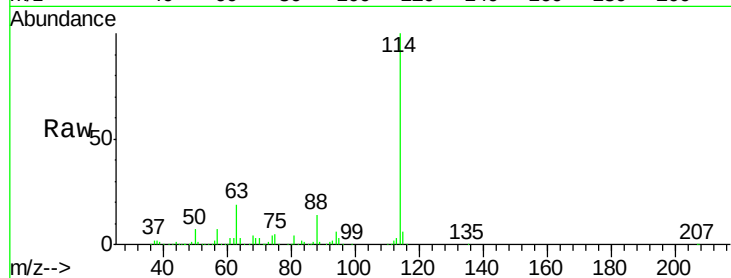
Tgt Ion:114 Resp: 415792

Ion Ratio Lower Upper

114 100

63 19.4 0.0 41.4

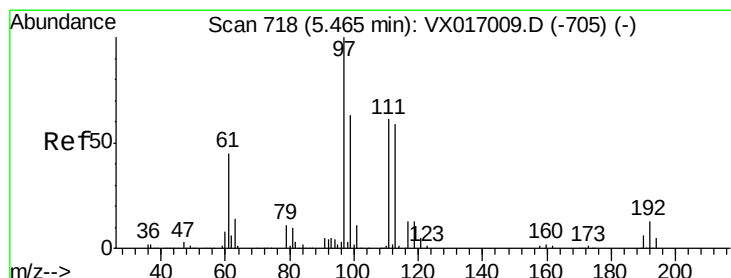
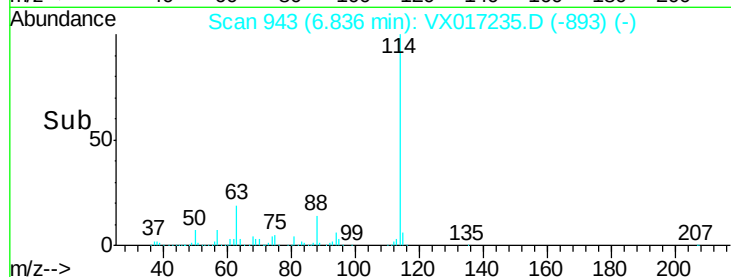
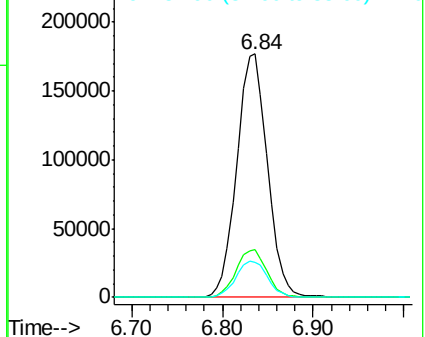
88 14.3 0.0 32.4



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: 54.528 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX017235.D

Acq: 08 Jul 2020 04:23

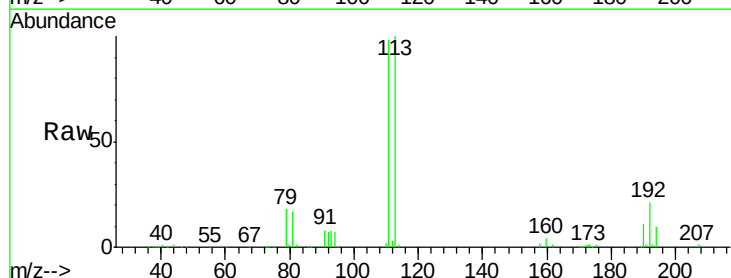
Tgt Ion:113 Resp: 143418

Ion Ratio Lower Upper

113 100

111 101.9 81.9 122.9

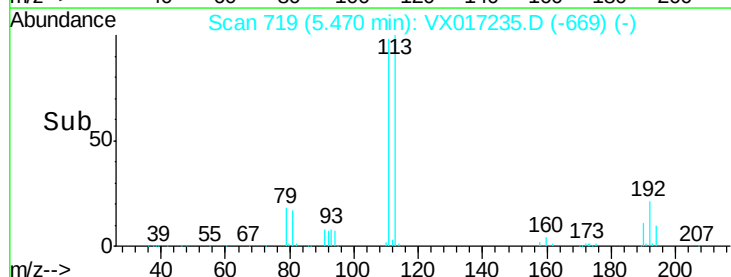
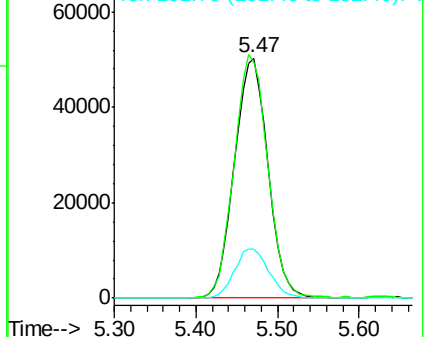
192 21.0 16.7 25.1

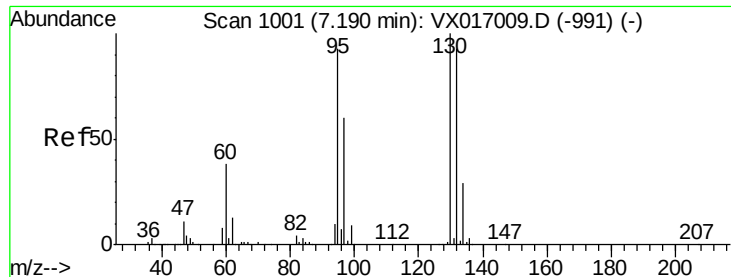


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 7.888 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017235.D

Acq: 08 Jul 2020 04:23

Instrument :

MSVOA\_X

ClientSampleId :

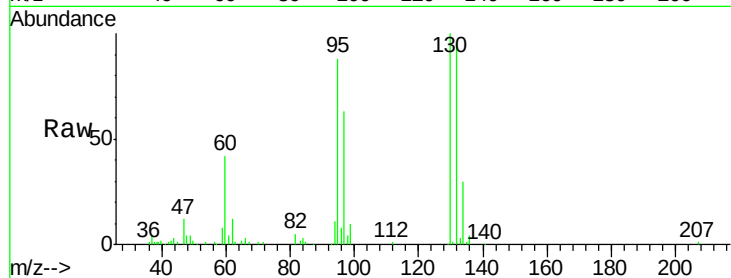
1009-MW-16

Tgt Ion:130 Resp: 25962

Ion Ratio Lower Upper

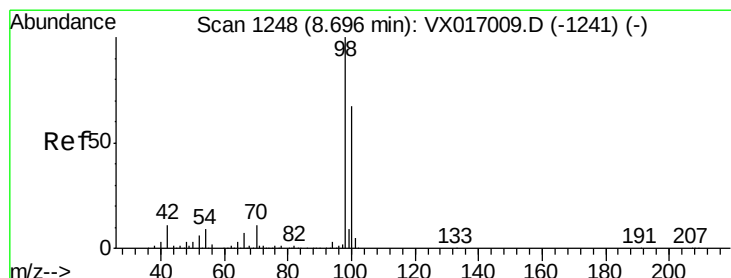
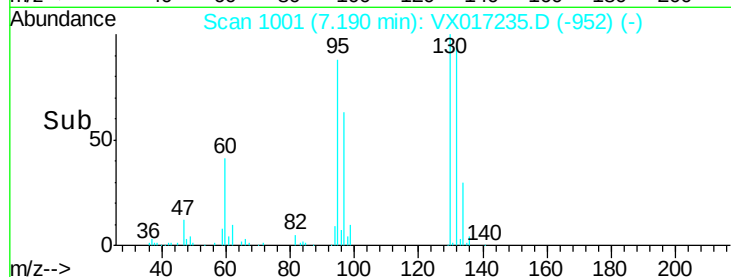
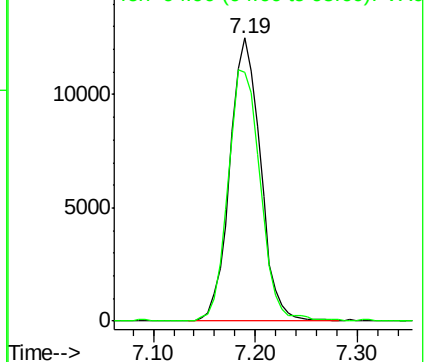
130 100

95 87.7 0.0 185.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 52.222 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017235.D

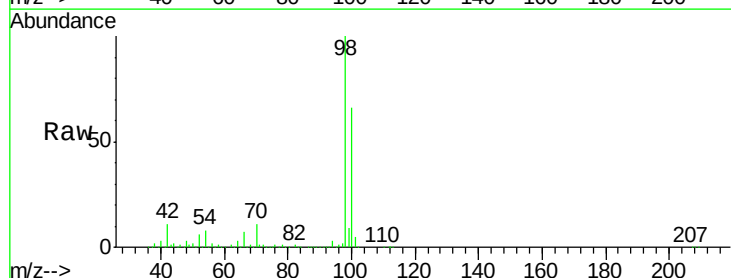
Acq: 08 Jul 2020 04:23

Tgt Ion: 98 Resp: 507904

Ion Ratio Lower Upper

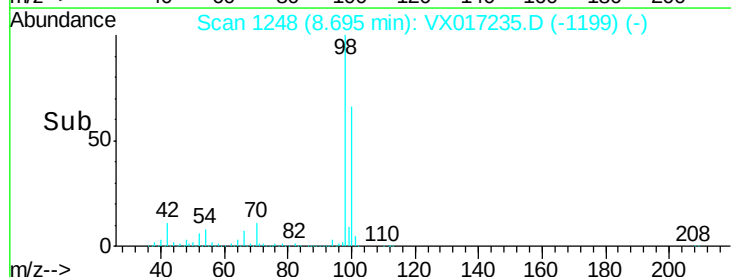
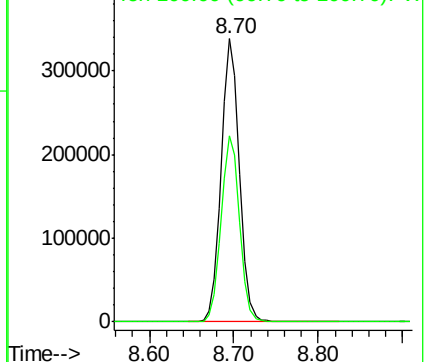
98 100

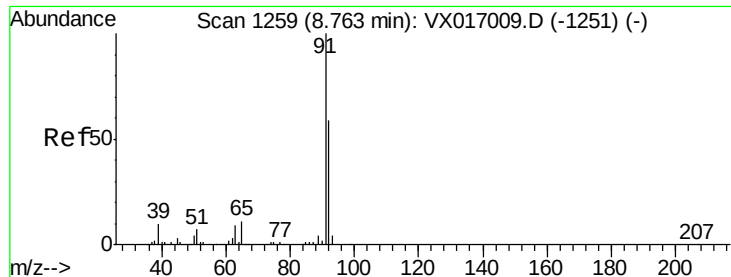
100 66.4 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#52

Toluene

Concen: 0.780 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX017235.D

Acq: 08 Jul 2020 04:23

Instrument :

MSVOA\_X

ClientSampleId :

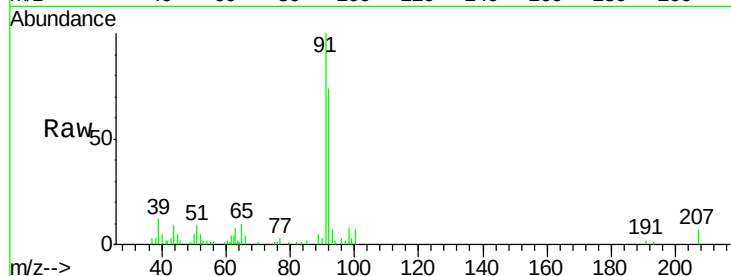
1009-MW-16

Tgt Ion: 92 Resp: 5625

Ion Ratio Lower Upper

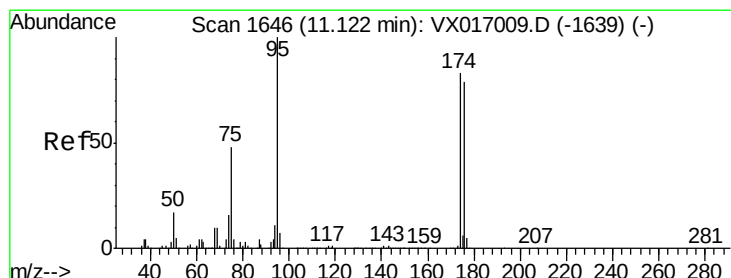
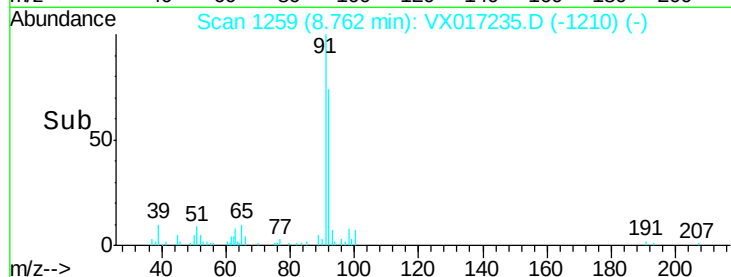
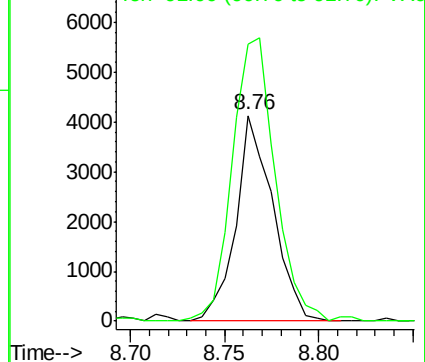
92 100

91 160.4 136.9 205.3



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 54.461 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017235.D

Acq: 08 Jul 2020 04:23

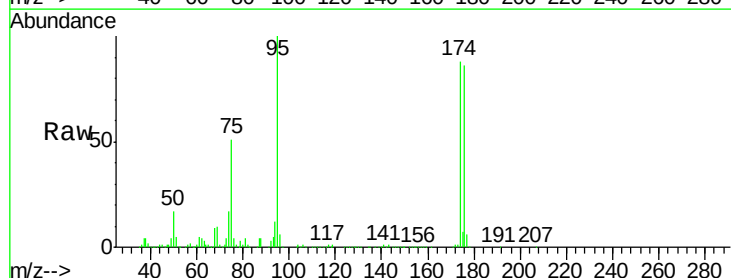
Tgt Ion: 95 Resp: 207057

Ion Ratio Lower Upper

95 100

174 86.0 0.0 164.0

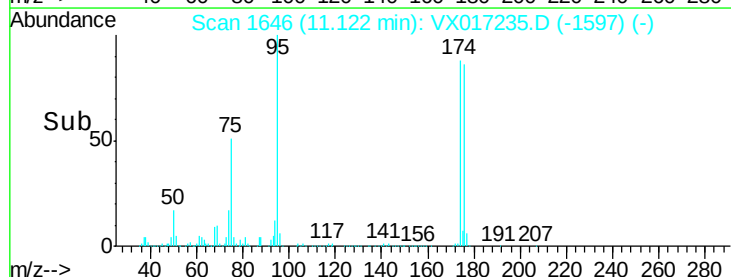
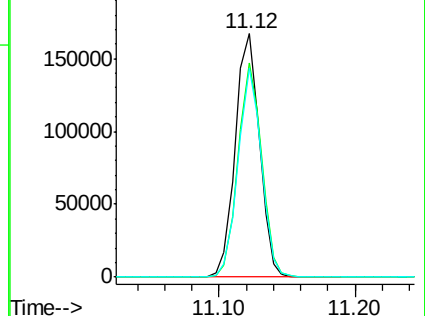
176 82.7 0.0 157.6

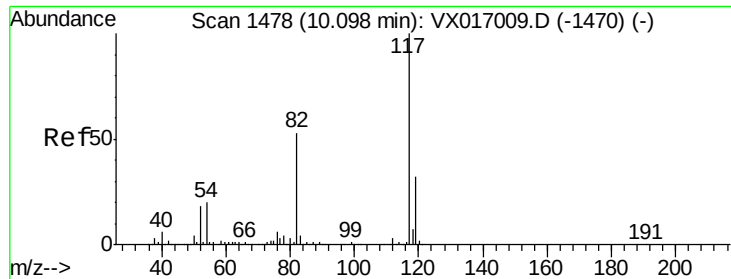


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

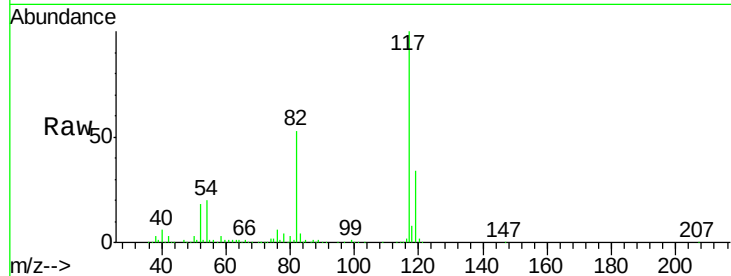




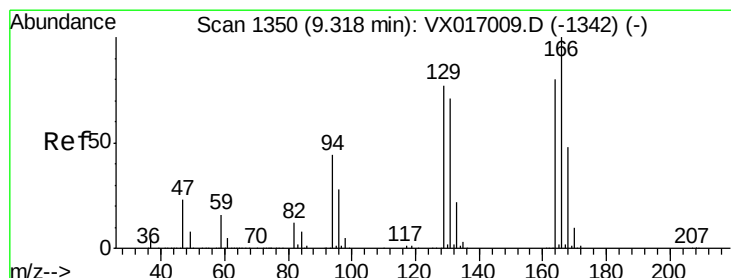
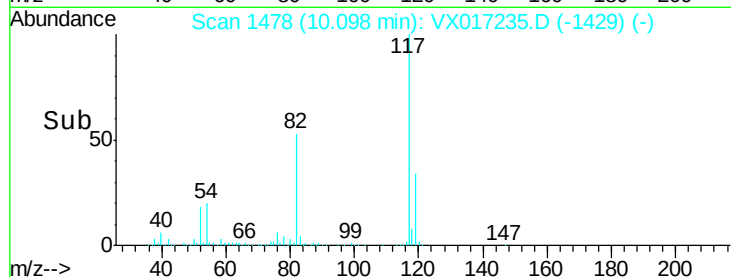
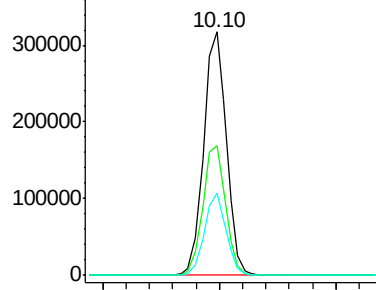
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. -0.00 min  
Lab File: VX017235.D  
Acq: 08 Jul 2020 04:23

Instrument :  
MSVOA\_X  
ClientSampleId :  
1009-MW-16

Tgt Ion:117 Resp: 430676  
Ion Ratio Lower Upper  
117 100  
82 53.4 42.6 63.8  
119 33.7 25.4 38.2

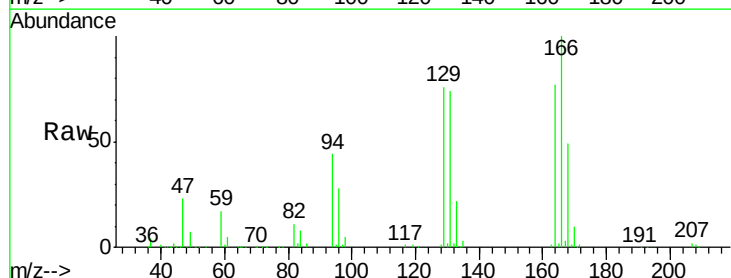


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

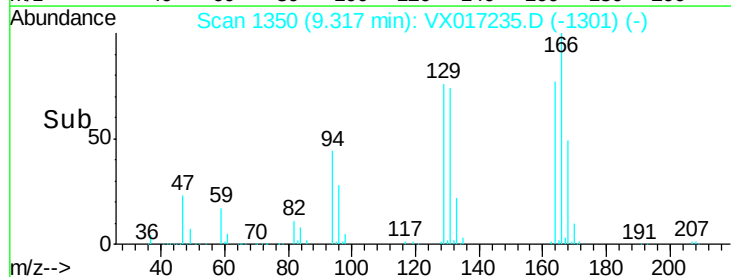
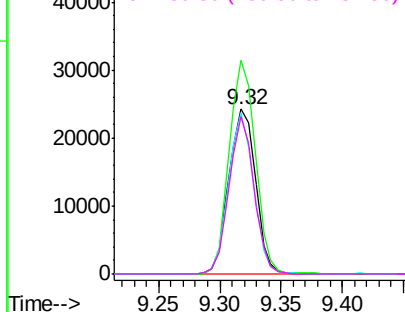


#64  
Tetrachloroethene  
Concen: 10.534 ug/l  
RT: 9.32 min Scan# 1350  
Delta R.T. -0.00 min  
Lab File: VX017235.D  
Acq: 08 Jul 2020 04:23

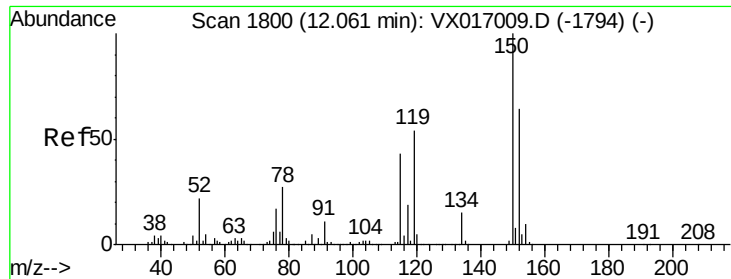
Tgt Ion:164 Resp: 36613  
Ion Ratio Lower Upper  
164 100  
166 129.7 99.4 149.0  
129 98.2 76.3 114.5  
131 95.4 70.6 105.8



Abundance Ion 163.80 (163.50 to 164.50): V  
Ion 165.80 (165.50 to 166.50): V  
Ion 128.80 (128.50 to 129.50): V  
Ion 130.80 (130.50 to 131.50): V







#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017235.D

Acq: 08 Jul 2020 04:23

Instrument :

MSVOA\_X

ClientSampleId :

1009-MW-16

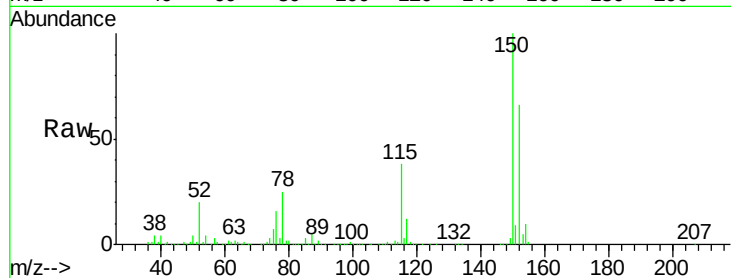
Tgt Ion:152 Resp: 231984

Ion Ratio Lower Upper

152 100

115 56.9 40.9 122.7

150 153.5 0.0 351.6



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

