

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060320\  
 Data File : VX016569.D  
 Acq On : 03 Jun 2020 16:20  
 Operator : JC/SP  
 Sample : L2867-07  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SP20-CHY08

Quant Time: Jun 04 09:08:31 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X052720W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 27 16:31:05 2020  
 Response via : Initial Calibration

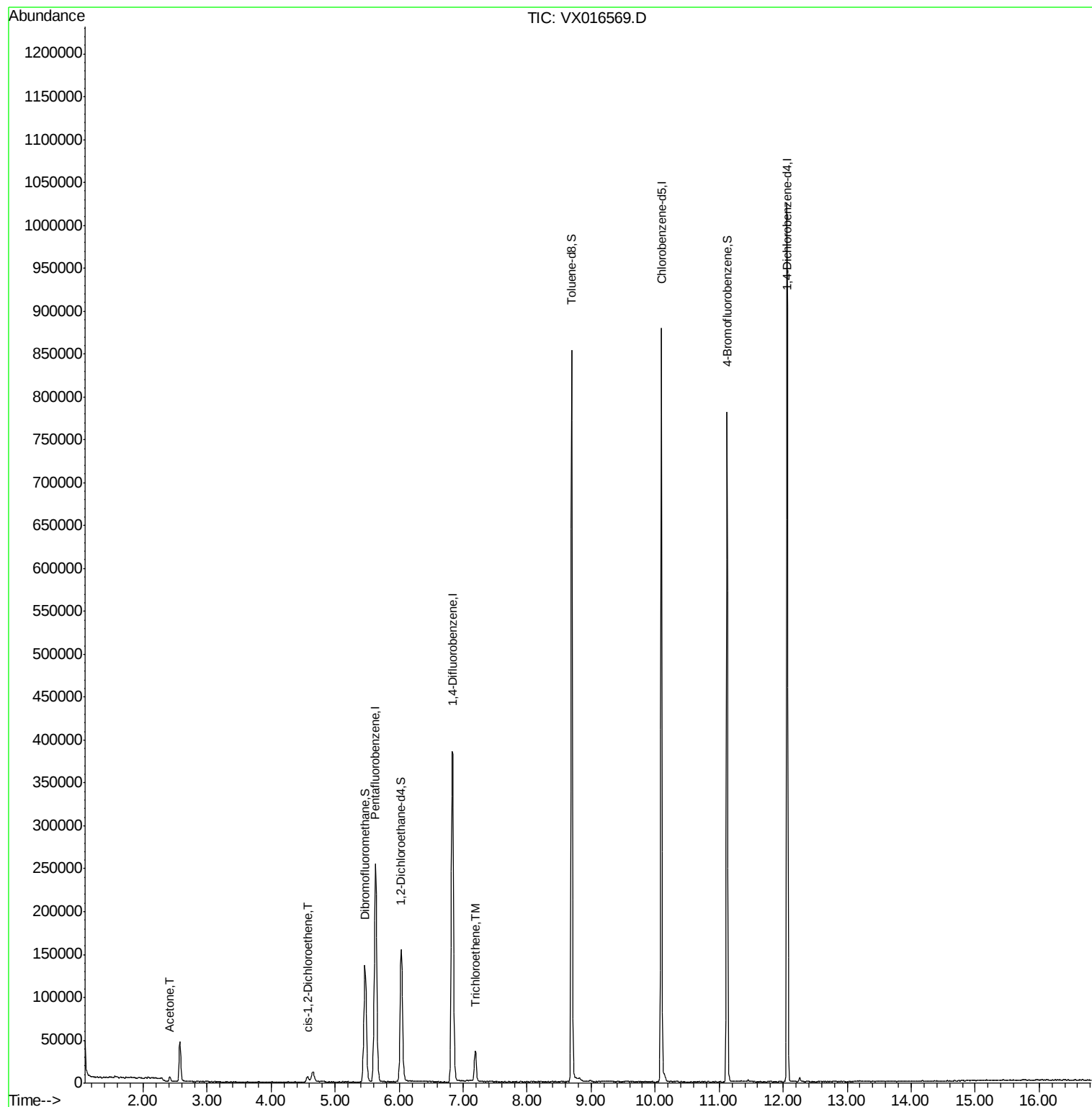
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 1) Pentafluorobenzene       | 5.63  | 168  | 252236   | 50.00 | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.84  | 114  | 405454   | 50.00 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 10.10 | 117  | 410872   | 50.00 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.06 | 152  | 219210   | 50.00 | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |       |         |          |
| 33) 1,2-Dichloroethane-d4   | 6.04  | 65   | 147068   | 46.95 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 93.90%  |          |
| 35) Dibromofluoromethane    | 5.46  | 113  | 119928   | 48.04 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 96.08%  |          |
| 50) Toluene-d8              | 8.70  | 98   | 502999   | 51.76 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 103.52% |          |
| 62) 4-Bromofluorobenzene    | 11.12 | 95   | 207142   | 55.17 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 110.34% |          |
| Target Compounds            |       |      |          |       |         |          |
| 16) Acetone                 | 2.42  | 43   | 4789     | 3.490 | ug/l    | 93       |
| 27) cis-1,2-Dichloroethene  | 4.57  | 96   | 3940     | 1.269 | ug/l    | 90       |
| 44) Trichloroethene         | 7.18  | 130  | 13981    | 3.855 | ug/l    | 89       |

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

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Quant Title : SW846 8260  
QLast Update : Wed May 27 16:31:05 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016569.D

Acq: 03 Jun 2020 16:20

Instrument :

MSVOA\_X

ClientSampleId :

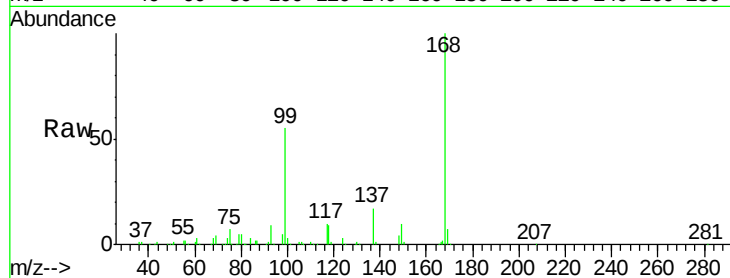
SP20-CHY08

Tot Ion:168 Resp: 252236

Ion Ratio Lower Upper

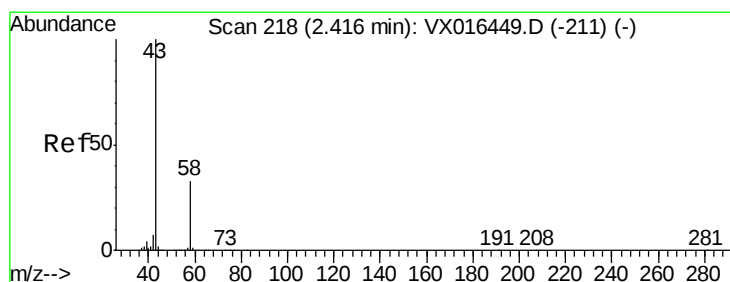
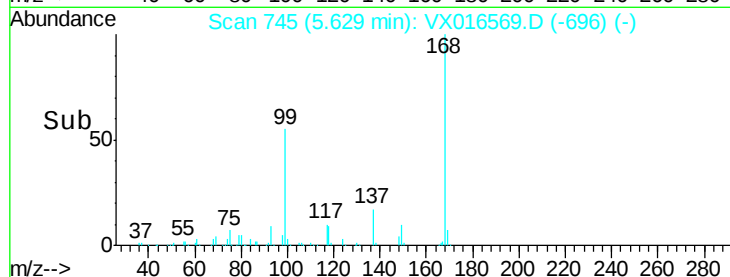
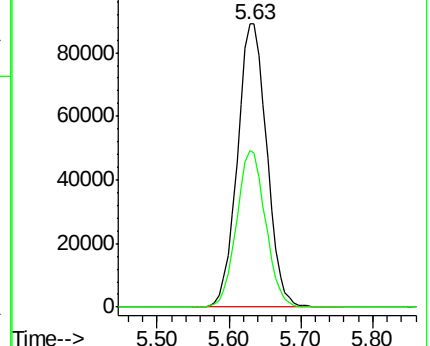
168 100

99 55.2 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 3.490 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016569.D

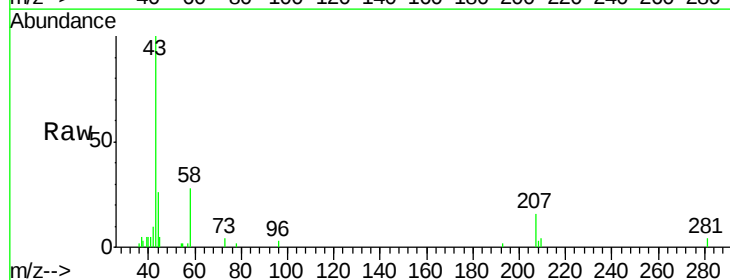
Acq: 03 Jun 2020 16:20

Tgt Ion: 43 Resp: 4789

Ion Ratio Lower Upper

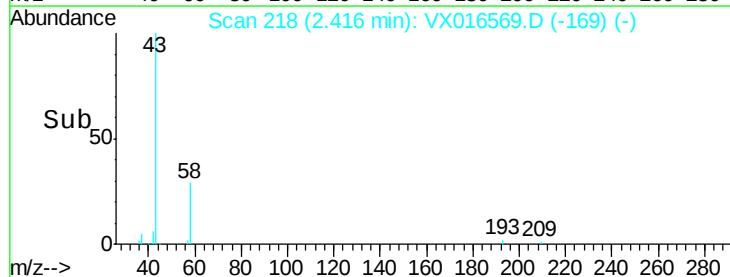
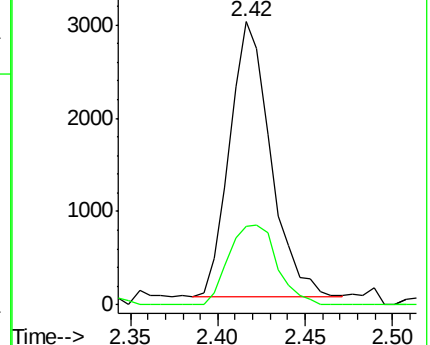
43 100

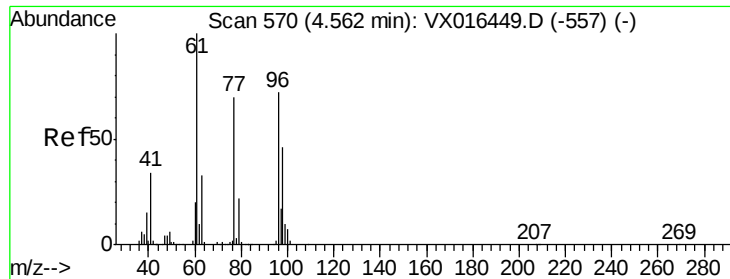
58 28.6 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



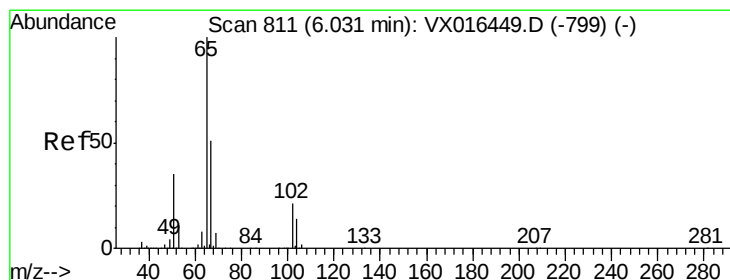
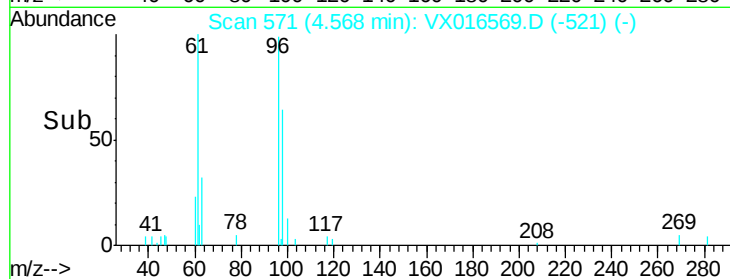
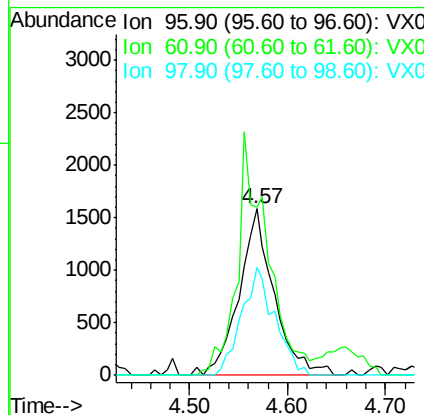
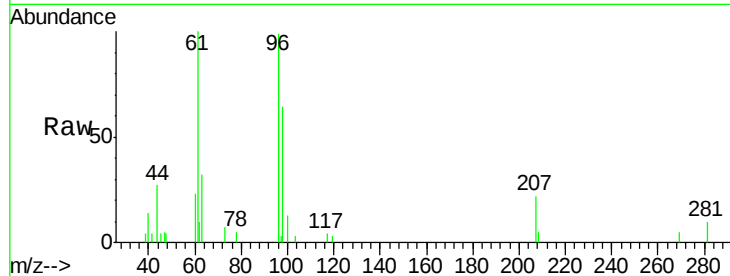


#27

cis-1,2-Dichloroethene  
 Concen: 1.269 ug/l  
 RT: 4.57 min Scan# 571  
 Delta R.T. 0.01 min  
 Lab File: VX016569.D  
 Acq: 03 Jun 2020 16:20

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SP20-CHY08

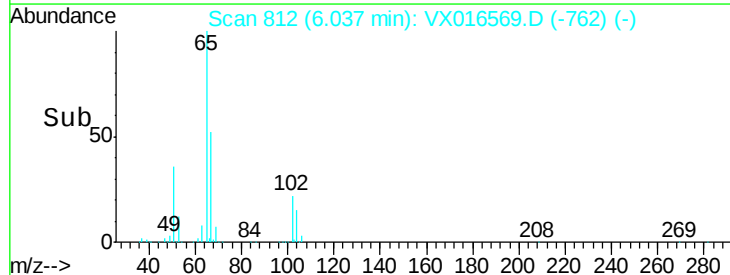
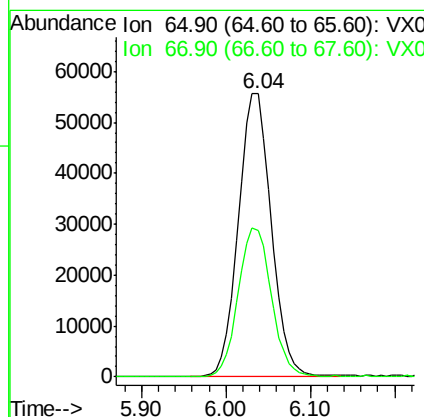
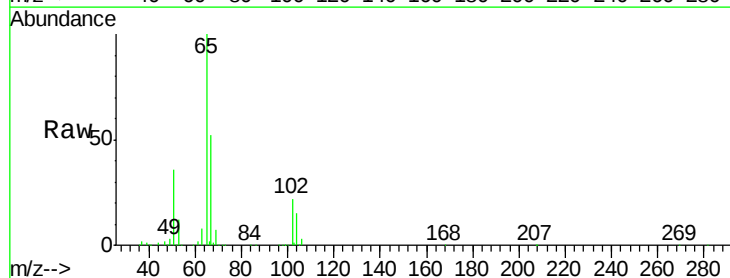
| Tot Ion | 96    | Resp  | 3940  |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 96      | 100   |       |       |
| 61      | 126.0 | 0.0   | 284.6 |
| 98      | 61.3  | 0.0   | 127.2 |

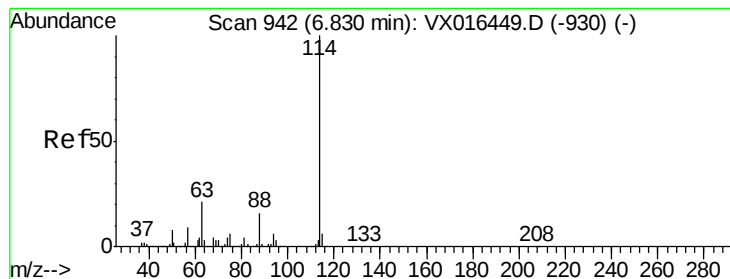


#33

1,2-Dichloroethane-d4  
 Concen: 46.950 ug/l  
 RT: 6.04 min Scan# 812  
 Delta R.T. 0.01 min  
 Lab File: VX016569.D  
 Acq: 03 Jun 2020 16:20

| Tgt Ion | 65    | Resp  | 147068 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 65      | 100   |       |        |
| 67      | 53.0  | 0.0   | 104.8  |





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016569.D

Acq: 03 Jun 2020 16:20

Instrument :

MSVOA\_X

ClientSampleId :

SP20-CHY08

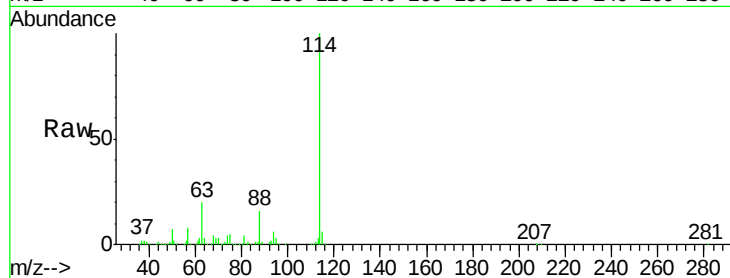
Tot Ion:114 Resp: 405454

Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.6

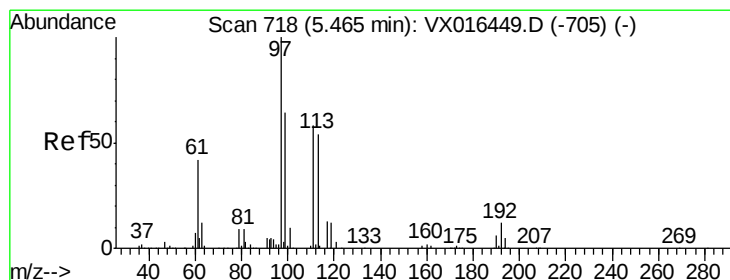
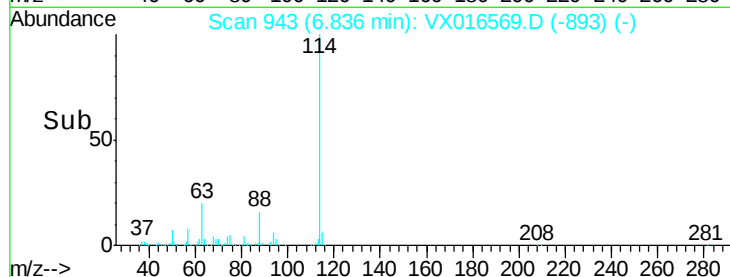
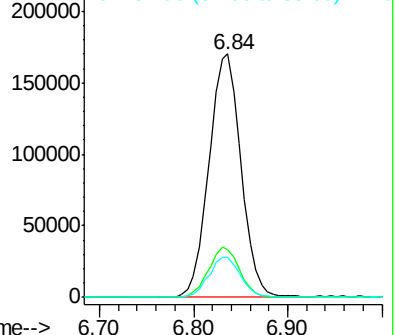
88 16.3 0.0 32.8



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: 48.037 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016569.D

Acq: 03 Jun 2020 16:20

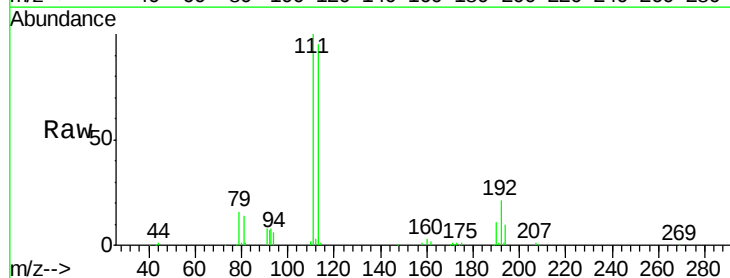
Tgt Ion:113 Resp: 119928

Ion Ratio Lower Upper

113 100

111 103.1 83.0 124.6

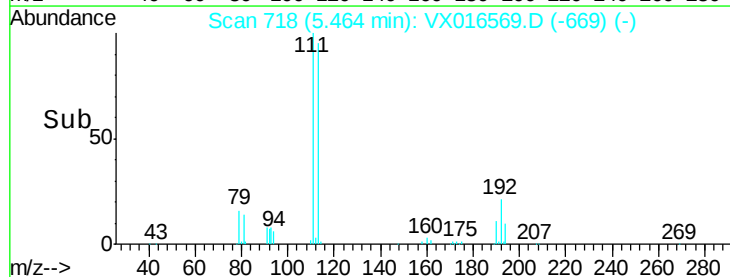
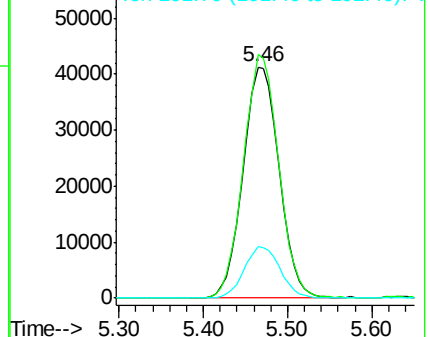
192 22.2 17.7 26.5

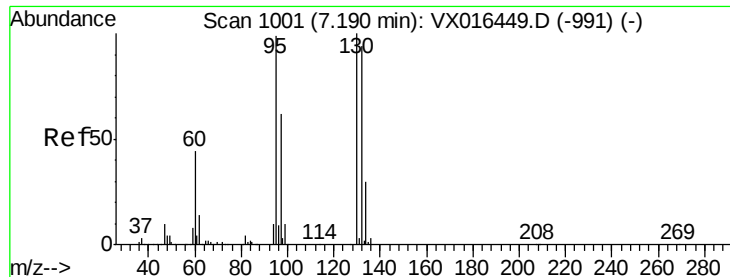


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 3.855 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX016569.D

Acq: 03 Jun 2020 16:20

Instrument :

MSVOA\_X

ClientSampleId :

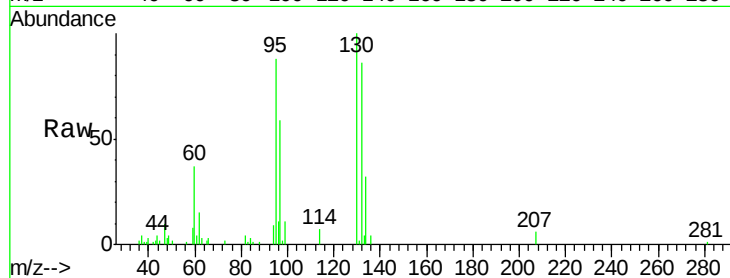
SP20-CHY08

Tot Ion:130 Resp: 13981

Ion Ratio Lower Upper

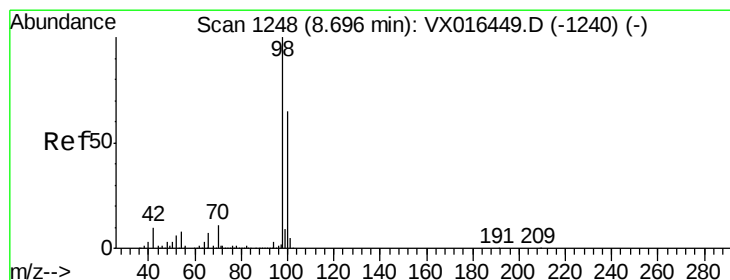
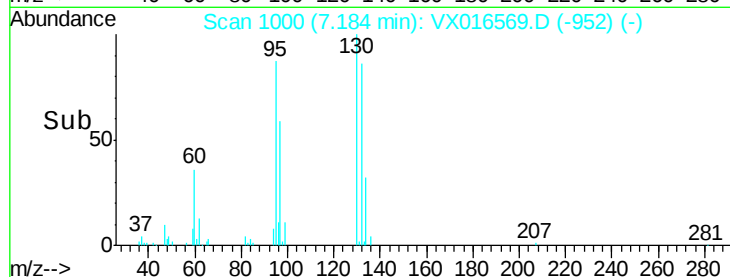
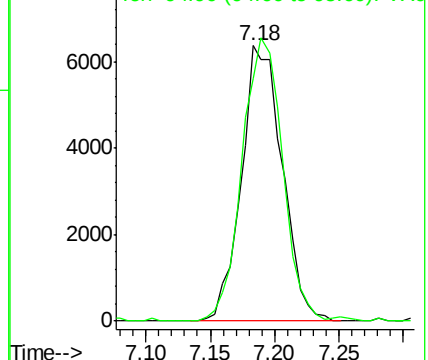
130 100

95 87.8 0.0 198.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 51.764 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016569.D

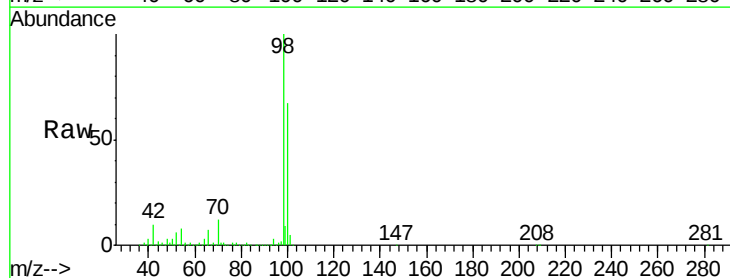
Acq: 03 Jun 2020 16:20

Tgt Ion: 98 Resp: 502999

Ion Ratio Lower Upper

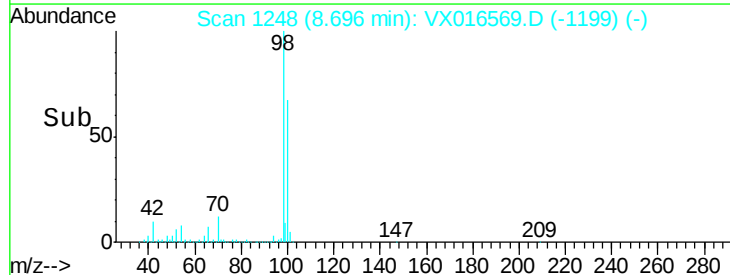
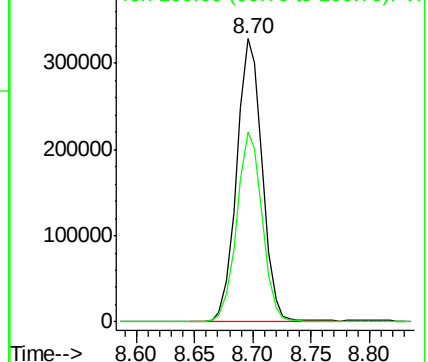
98 100

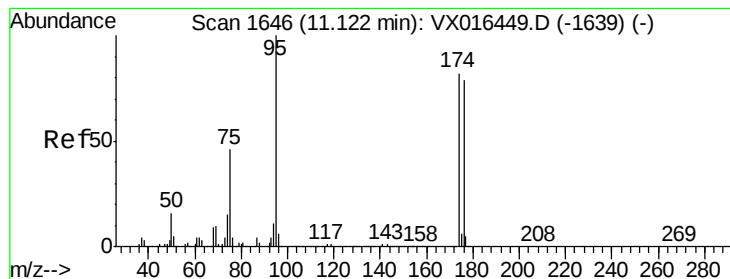
100 66.7 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 55.169 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016569.D

Acq: 03 Jun 2020 16:20

Instrument :

MSVOA\_X

ClientSampleId :

SP20-CHY08

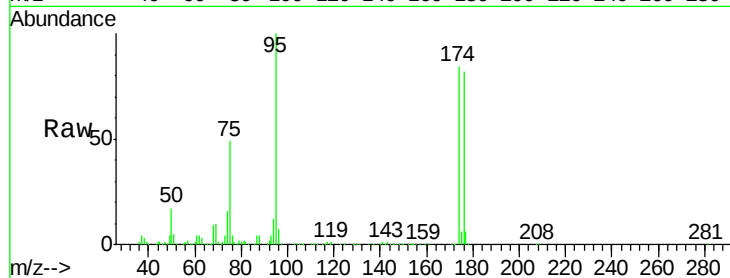
Tot Ion: 95 Resp: 207142

Ion Ratio Lower Upper

95 100

174 82.7 0.0 163.0

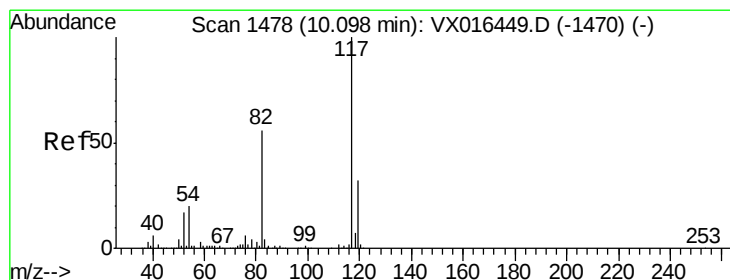
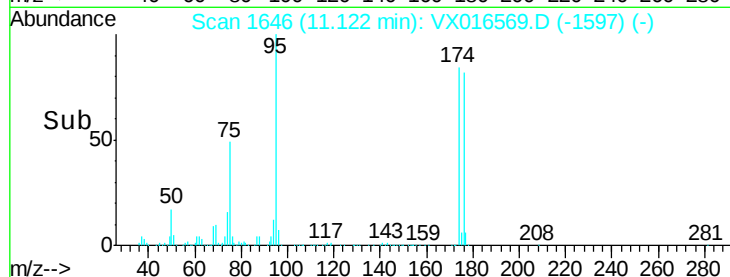
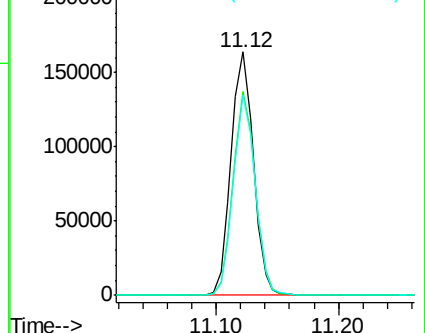
176 80.6 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VX016569.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX016569.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX016569.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016569.D

Acq: 03 Jun 2020 16:20

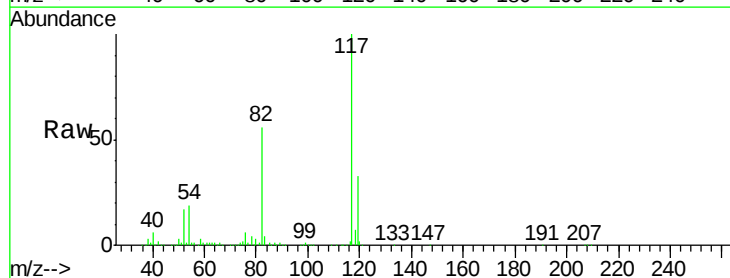
Tgt Ion: 117 Resp: 410872

Ion Ratio Lower Upper

117 100

82 55.8 45.0 67.6

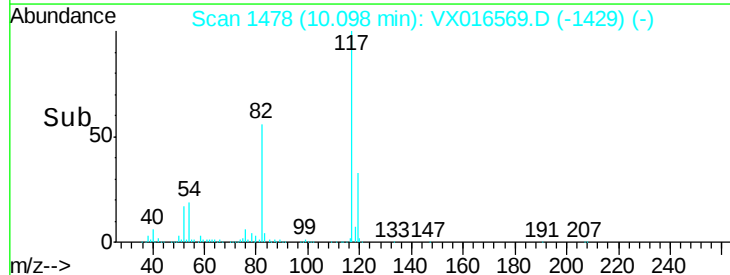
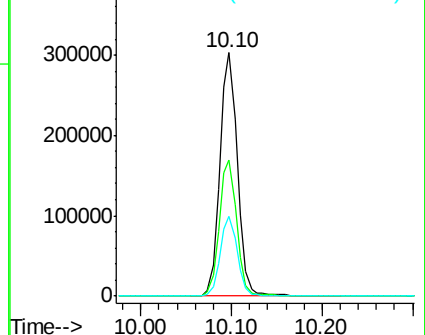
119 32.5 25.8 38.8

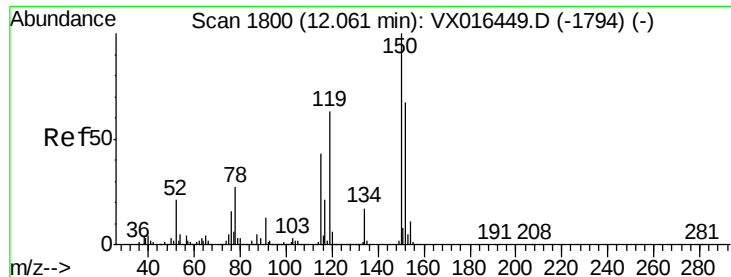


Abundance Ion 116.90 (116.60 to 117.60): VX016569.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX016569.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX016569.D (-1429) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016569.D

Acq: 03 Jun 2020 16:20

Instrument :

MSVOA\_X

ClientSampleId :

SP20-CHY08

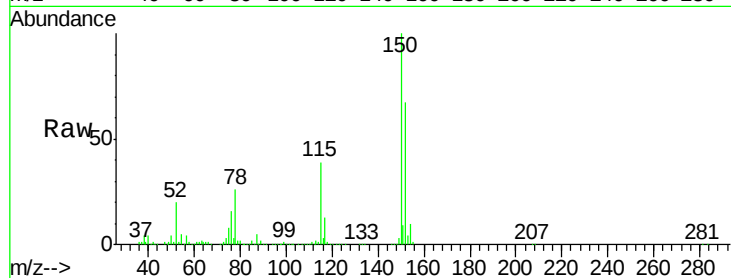
Tot Ion:152 Resp: 219210

Ion Ratio Lower Upper

152 100

115 58.1 39.9 119.6

150 155.1 0.0 341.0



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

