

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX013019\  
 Data File : VX007320.D  
 Acq On : 30 Jan 2019 17:37  
 Operator : JC/SP  
 Sample : K1282-24  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TP-6

Quant Time: Jan 31 04:19:22 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X010819W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 08 14:06:59 2019  
 Response via : Initial Calibration

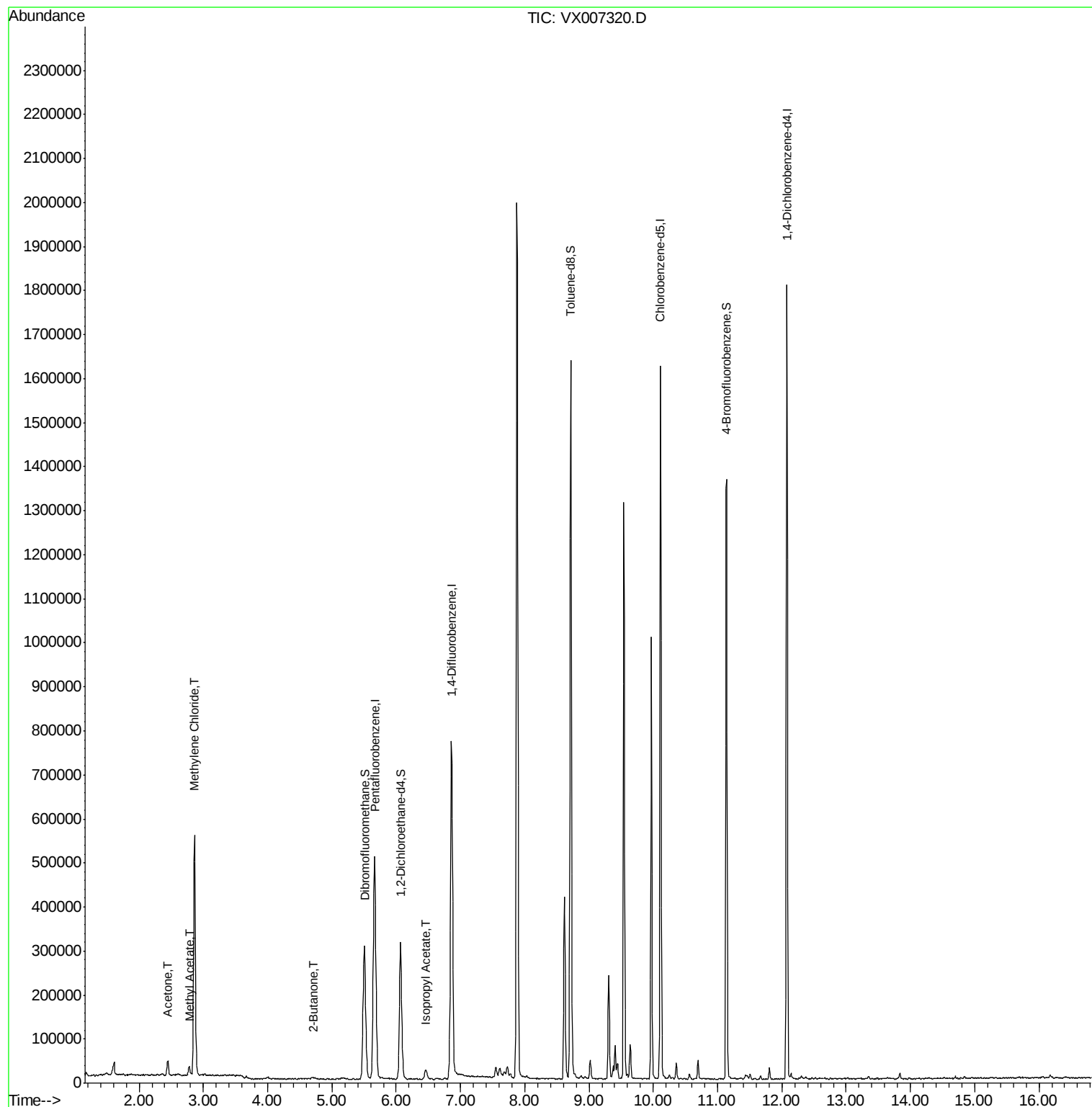
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 5.66  | 168  | 523048   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.86  | 114  | 807566   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 10.12 | 117  | 793292   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.08 | 152  | 386370   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 6.07  | 65   | 283633   | 51.89  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 103.78% |          |
| 35) Dibromofluoromethane    | 5.51  | 113  | 256176   | 49.54  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 99.08%  |          |
| 50) Toluene-d8              | 8.71  | 98   | 994901   | 52.56  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 105.12% |          |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 356125   | 53.96  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 107.92% |          |
| Target Compounds            |       |      |          |        |         |          |
| 16) Acetone                 | 2.45  | 43   | 36593    | 13.541 | ug/l    | 98       |
| 18) Methyl Acetate          | 2.78  | 43   | 28141    | 3.596  | ug/l    | 99       |
| 20) Methylene Chloride      | 2.86  | 84   | 257931   | 50.184 | ug/l    | 96       |
| 25) 2-Butanone              | 4.71  | 43   | 9407     | 2.433  | ug/l #  | 86       |
| 43) Isopropyl Acetate       | 6.45  | 43   | 29255    | 2.464  | ug/l    | 98       |

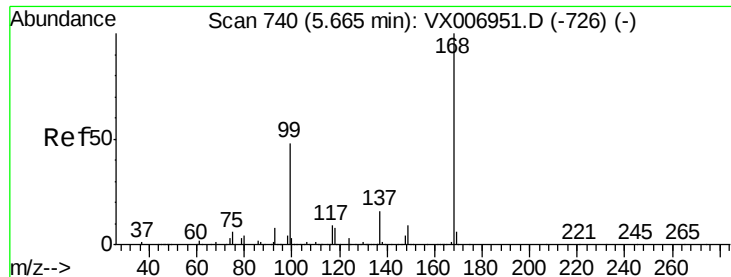
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX013019\  
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Misc : 5.0mL/MSVOA X/WATER  
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Instrument :  
MSVOA\_X  
ClientSampled :  
TP-6

Quant Time: Jan 31 04:19:22 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X010819W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jan 08 14:06:59 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007320.D

Acq: 30 Jan 2019 17:37

Instrument :

MSVOA\_X

ClientSampleId :

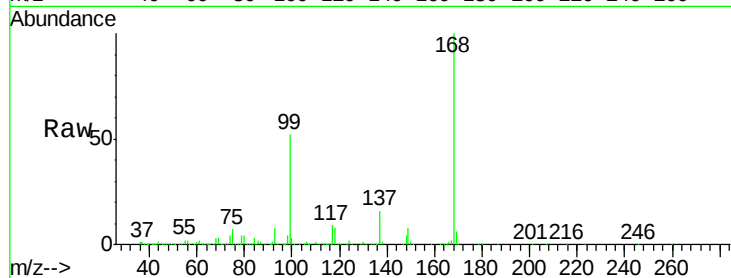
TP-6

Tot Ion:168 Resp: 523048

Ion Ratio Lower Upper

168 100

99 51.9 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

200000

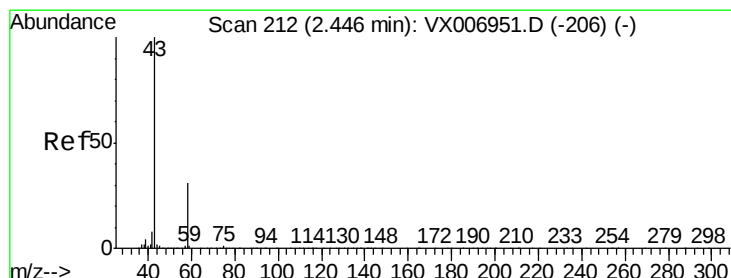
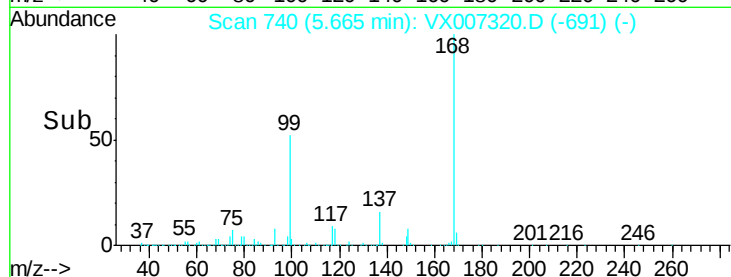
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 13.541 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007320.D

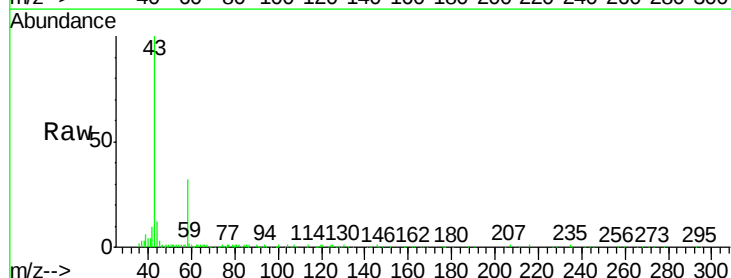
Acq: 30 Jan 2019 17:37

Tgt Ion: 43 Resp: 36593

Ion Ratio Lower Upper

43 100

58 32.5 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

25000

20000

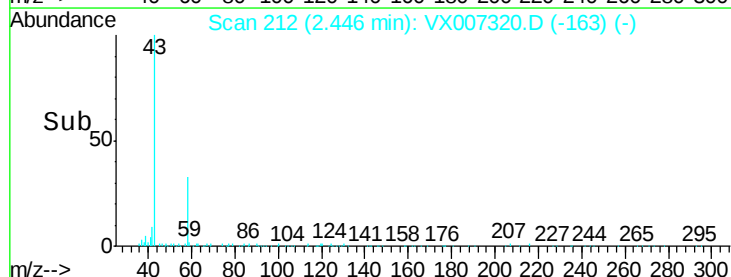
15000

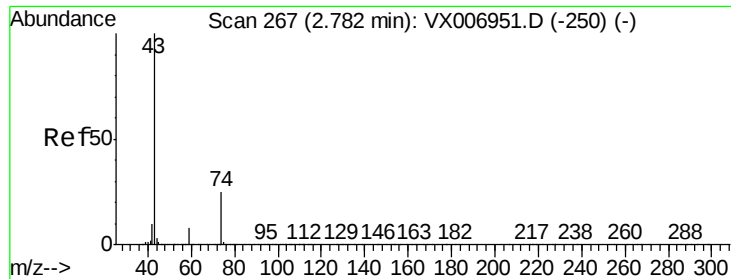
10000

5000

0

Time--> 2.40 2.45 2.50 2.55

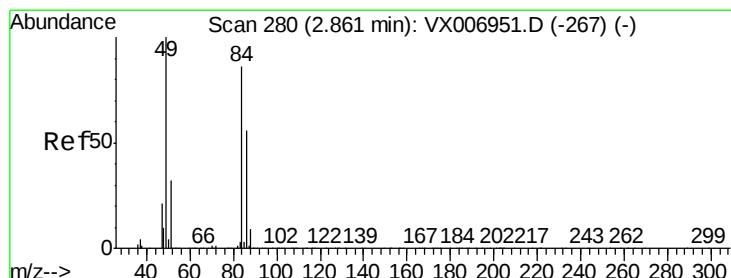
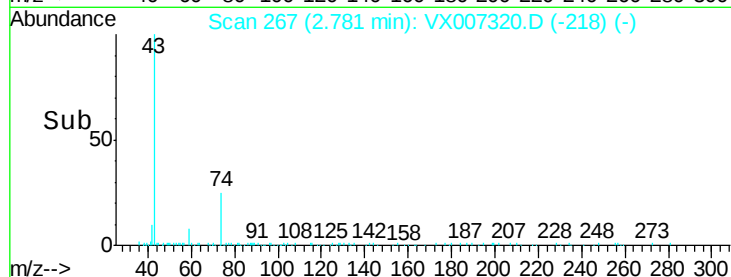
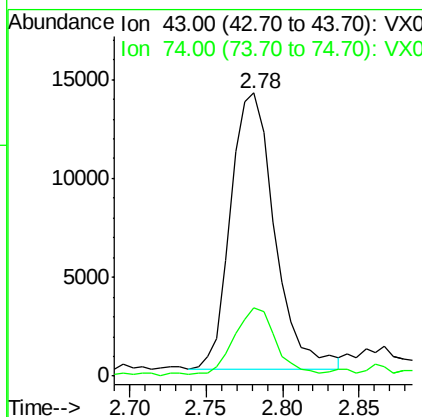
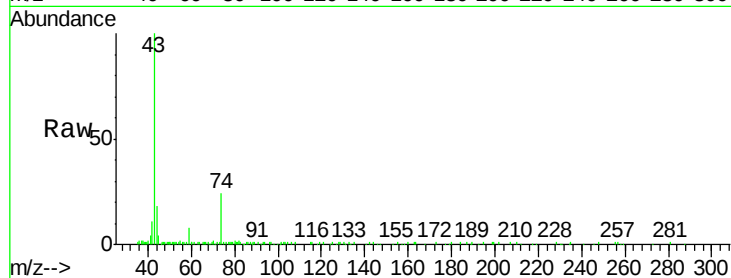




#18  
Methyl Acetate  
Concen: 3.596 ug/l  
RT: 2.78 min Scan# 267  
Delta R.T. -0.00 min  
Lab File: VX007320.D  
Acq: 30 Jan 2019 17:37

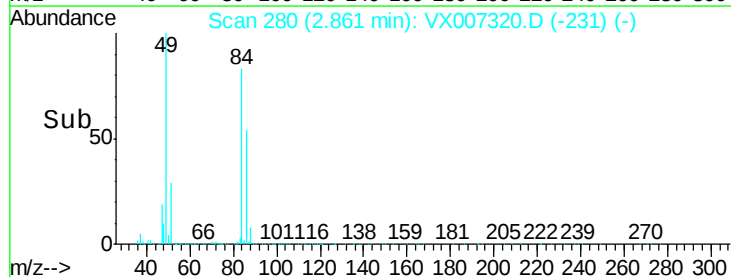
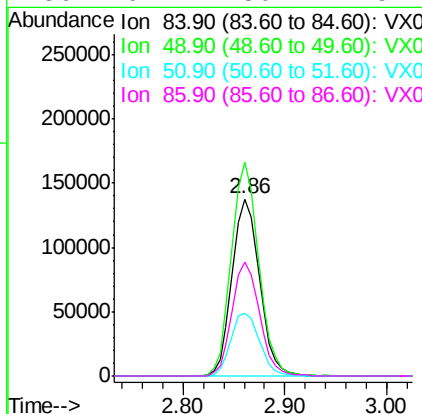
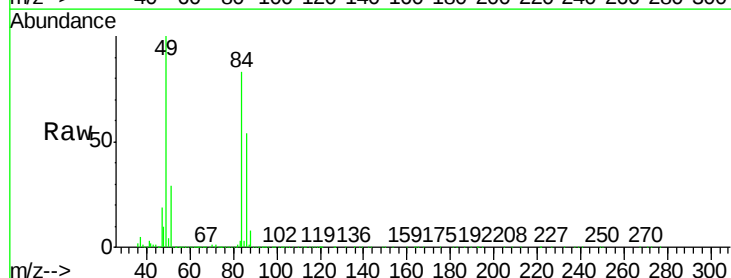
Instrument :  
MSVOA\_X  
ClientSampleId :  
TP-6

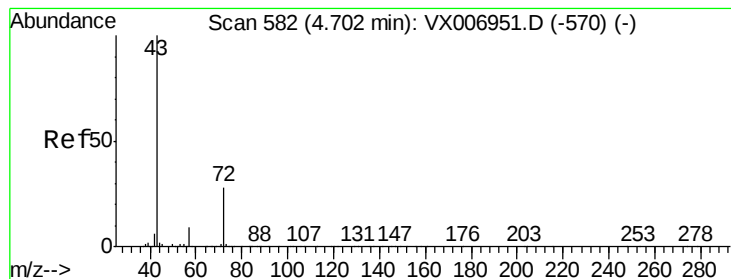
Tot Ion: 43 Resp: 28141  
Ion Ratio Lower Upper  
43 100  
74 22.8 18.6 28.0



#20  
Methylene Chloride  
Concen: 50.184 ug/l  
RT: 2.86 min Scan# 280  
Delta R.T. 0.00 min  
Lab File: VX007320.D  
Acq: 30 Jan 2019 17:37

Tgt Ion: 84 Resp: 257931  
Ion Ratio Lower Upper  
84 100  
49 120.9 91.8 137.6  
51 35.2 28.5 42.7  
86 64.7 50.2 75.2





#25

2-Butanone

Concen: 2.433 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX007320.D

Acq: 30 Jan 2019 17:37

Instrument :

MSVOA\_X

ClientSampleId :

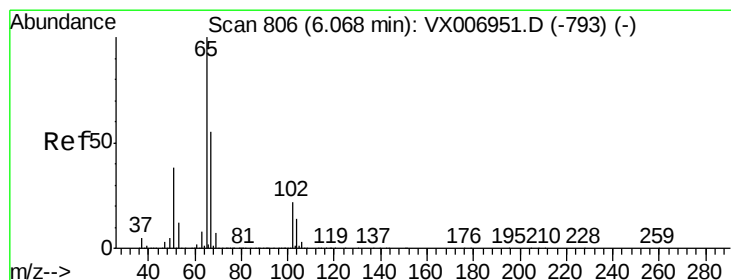
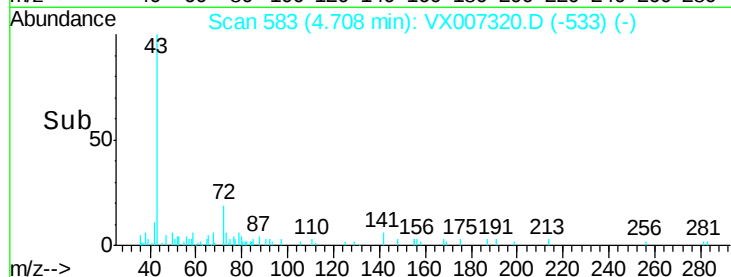
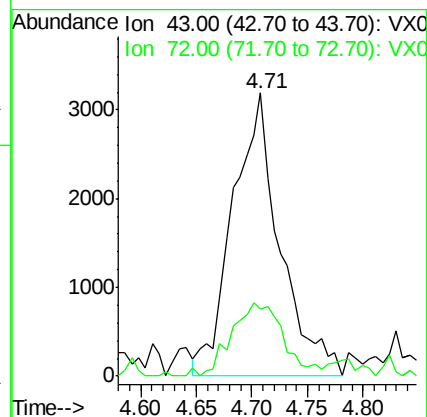
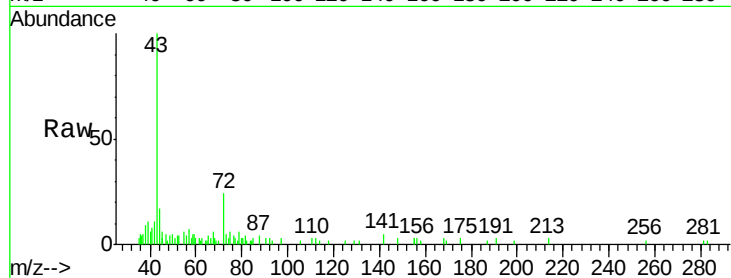
TP-6

Tot Ion: 43 Resp: 9407

Ion Ratio Lower Upper

43 100

72 20.6 22.4 33.6#



#33

1,2-Dichloroethane-d4

Concen: 51.888 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007320.D

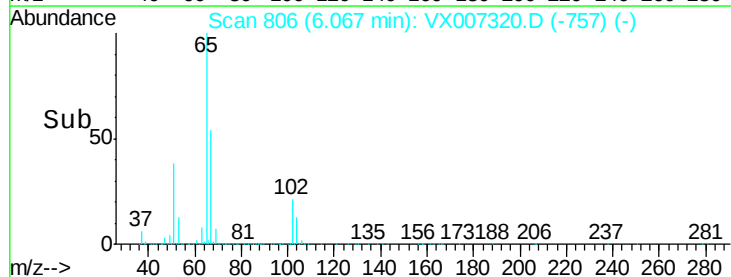
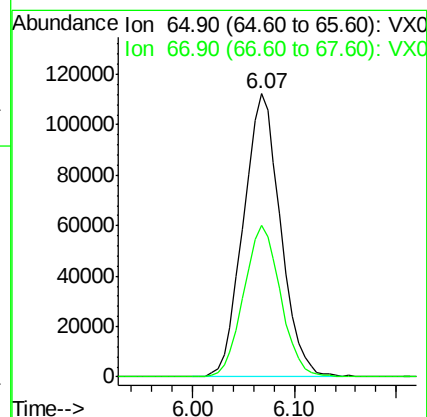
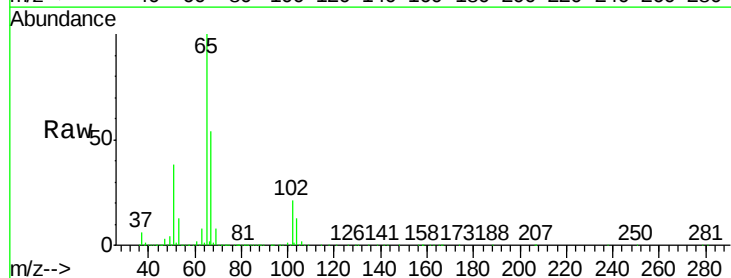
Acq: 30 Jan 2019 17:37

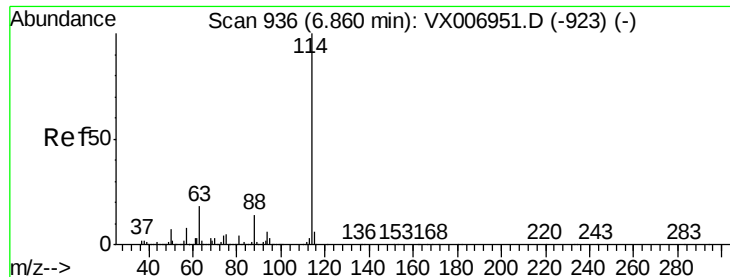
Tgt Ion: 65 Resp: 283633

Ion Ratio Lower Upper

65 100

67 53.5 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007320.D

Acq: 30 Jan 2019 17:37

Instrument :

MSVOA\_X

ClientSampleId :

TP-6

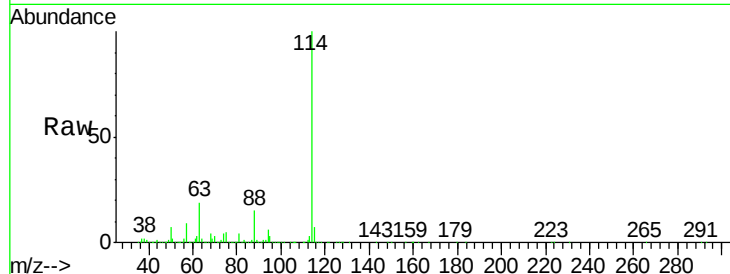
Tot Ion:114 Resp: 807566

Ion Ratio Lower Upper

114 100

63 18.6 0.0 34.8

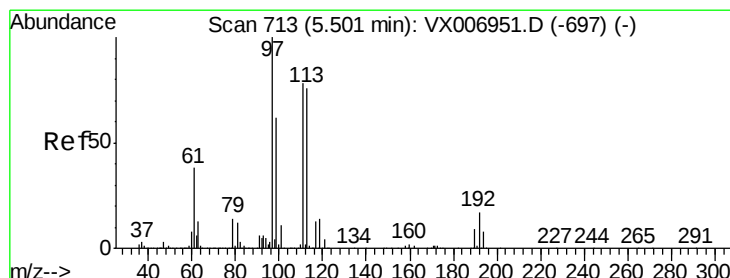
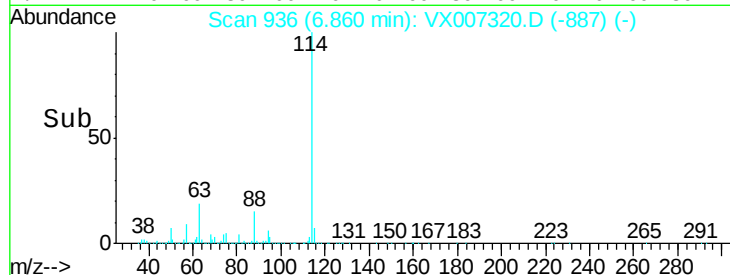
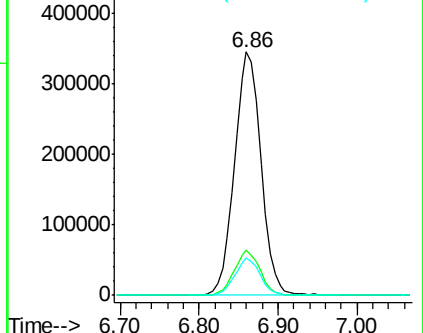
88 15.3 0.0 28.8



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: 49.535 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007320.D

Acq: 30 Jan 2019 17:37

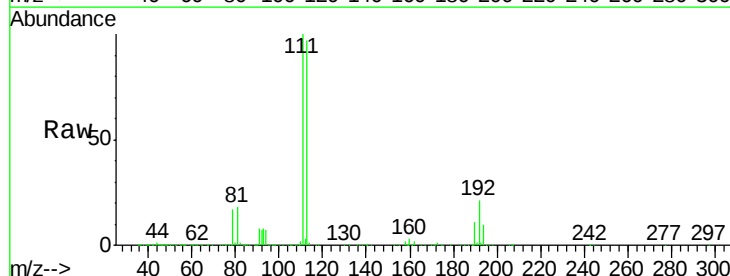
Tgt Ion:113 Resp: 256176

Ion Ratio Lower Upper

113 100

111 101.9 81.6 122.4

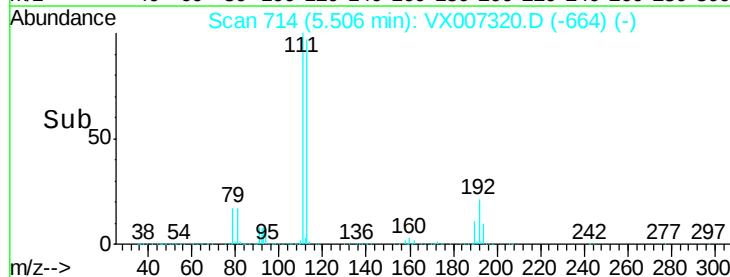
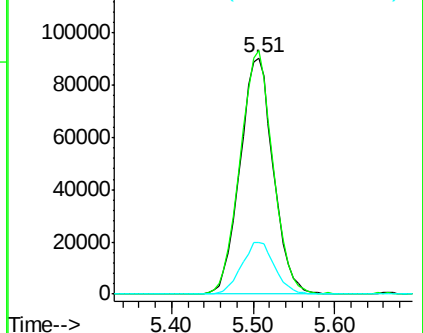
192 22.0 16.7 25.1

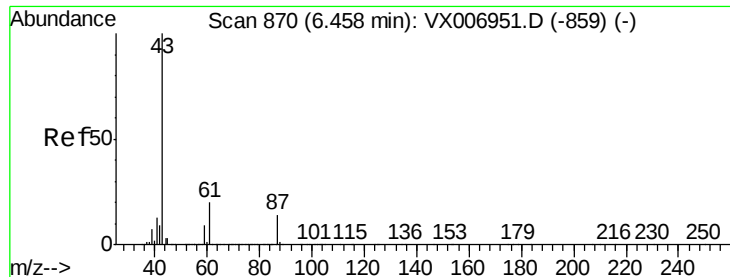


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.464 ug/l

RT: 6.45 min Scan# 869

Delta R.T. -0.01 min

Lab File: VX007320.D

Acq: 30 Jan 2019 17:37

Instrument :

MSVOA\_X

ClientSampleId :

TP-6

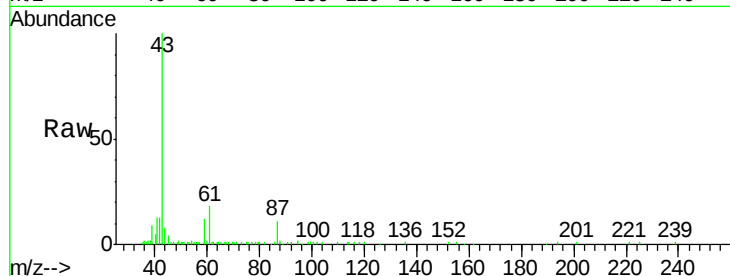
Tot Ion: 43 Resp: 29255

Ion Ratio Lower Upper

43 100

61 20.4 16.8 25.2

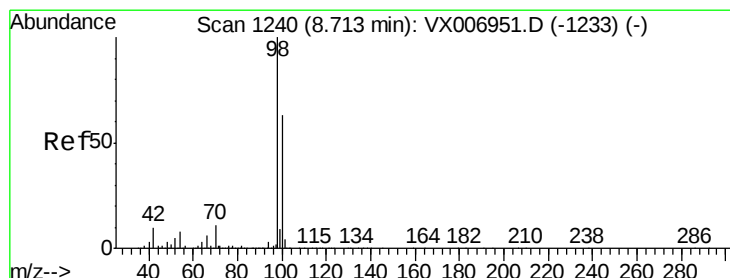
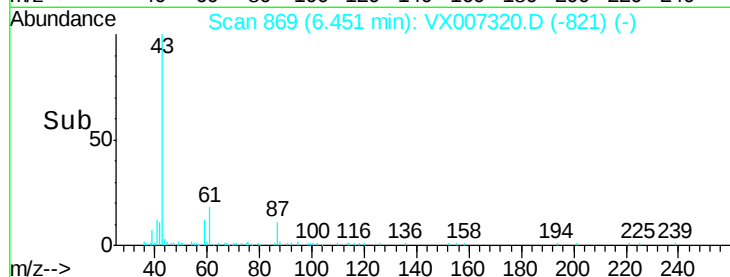
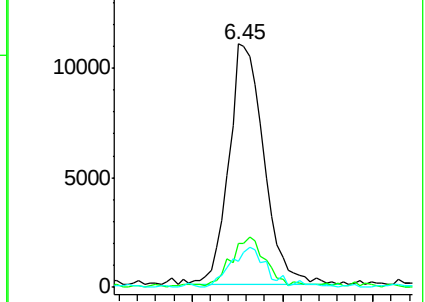
87 16.8 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 52.558 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007320.D

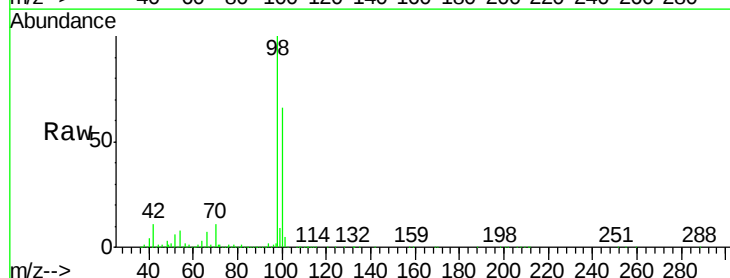
Acq: 30 Jan 2019 17:37

Tgt Ion: 98 Resp: 994901

Ion Ratio Lower Upper

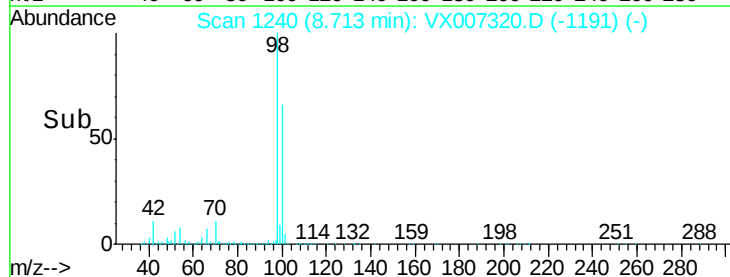
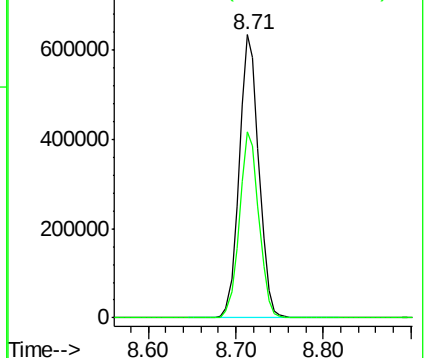
98 100

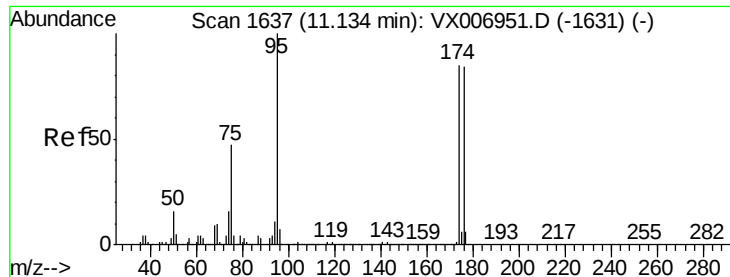
100 65.0 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 53.964 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007320.D

Acq: 30 Jan 2019 17:37

Instrument :

MSVOA\_X

ClientSampleId :

TP-6

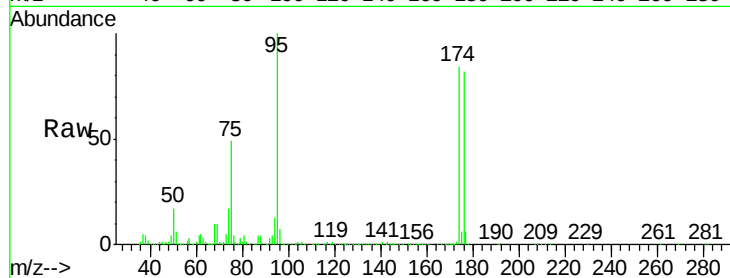
Tot Ion: 95 Resp: 356125

Ion Ratio Lower Upper

95 100

174 92.4 0.0 182.2

176 89.6 0.0 178.8

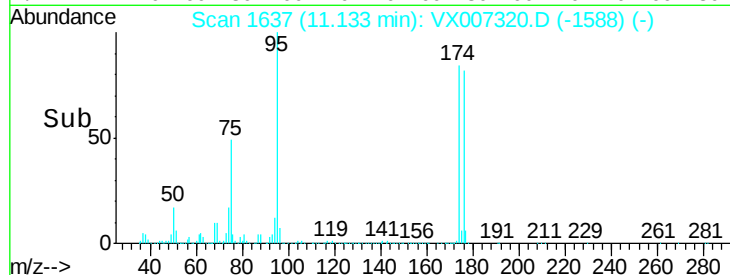


Abundance Ion 94.90 (94.60 to 95.60): VX006951.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX006951.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX006951.D (-1631) (-)

Time-->

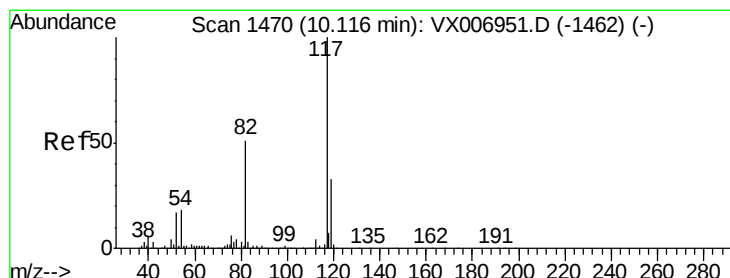


Abundance Ion 94.90 (94.60 to 95.60): VX007320.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX007320.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX007320.D (-1588) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX007320.D

Acq: 30 Jan 2019 17:37

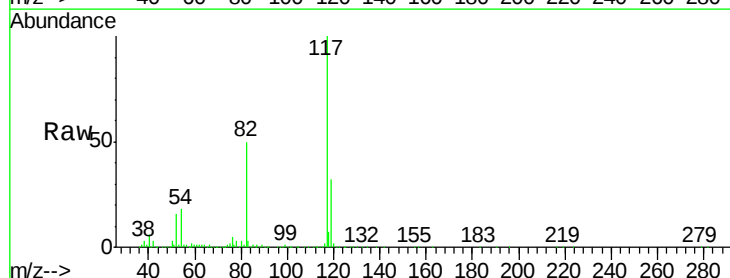
Tgt Ion: 117 Resp: 793292

Ion Ratio Lower Upper

117 100

82 50.4 41.0 61.6

119 32.4 25.4 38.0

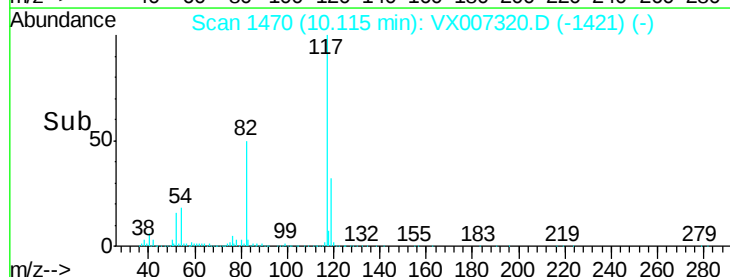


Abundance Ion 116.90 (116.60 to 117.60): VX006951.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX006951.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX006951.D (-1462) (-)

Time-->

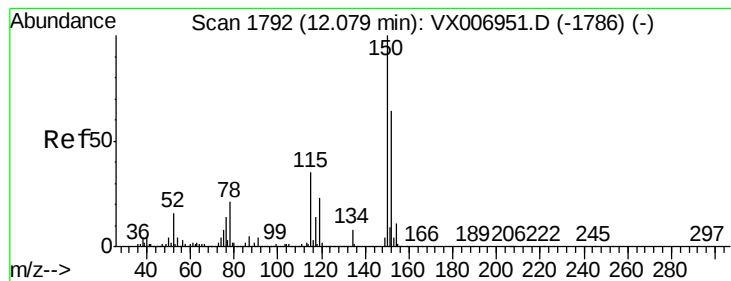


Abundance Ion 116.90 (116.60 to 117.60): VX007320.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX007320.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX007320.D (-1421) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007320.D

Acq: 30 Jan 2019 17:37

Instrument :

MSVOA\_X

ClientSampleId :

TP-6

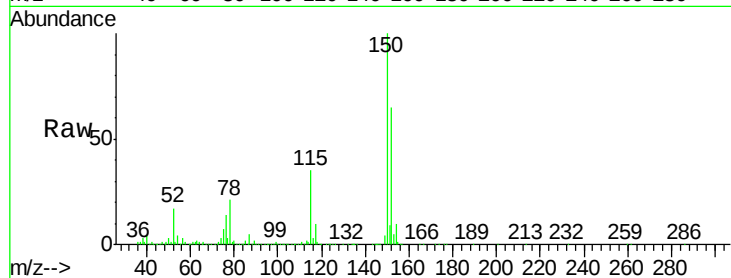
Tot Ion:152 Resp: 386370

Ion Ratio Lower Upper

152 100

115 54.5 39.1 117.2

150 154.4 0.0 344.8



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

