

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060520\
 Data File : VX016603.D
 Acq On : 05 Jun 2020 12:08
 Operator : JC/SP
 Sample : L2922-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-5

Quant Time: Jun 06 06:17:45 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

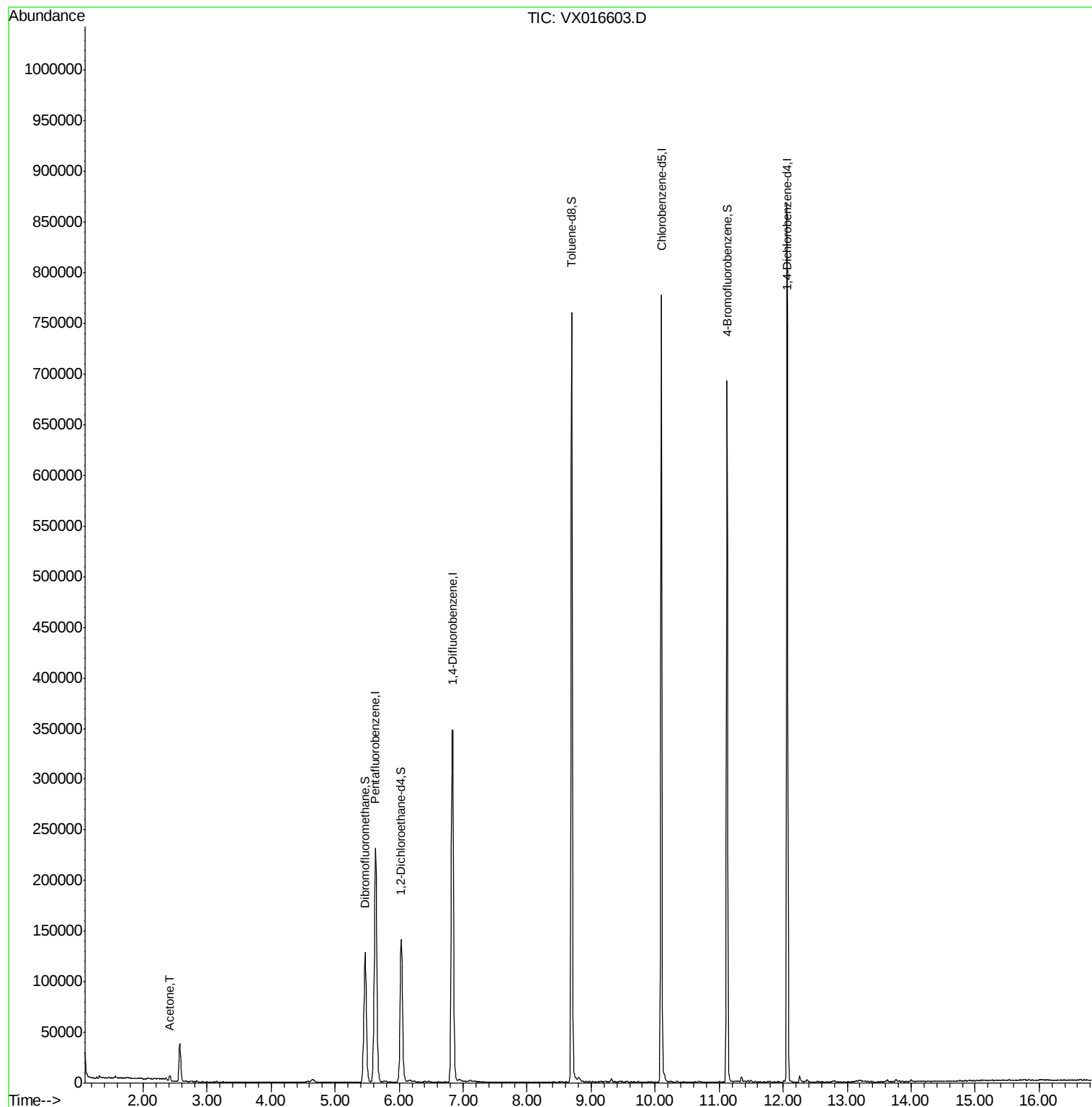
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	231668	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	365392	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	371945	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	185371	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	136436	47.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.84%	
35) Dibromofluoromethane	5.47	113	109150	48.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.02%	
50) Toluene-d8	8.70	98	455743	52.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.08%	
62) 4-Bromofluorobenzene	11.12	95	182256	53.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.72%	
Target Compounds						
16) Acetone	2.42	43	5719	4.537	ug/l	Qvalue 97

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

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Instrument :

MSVOA_X

ClientSampleId :

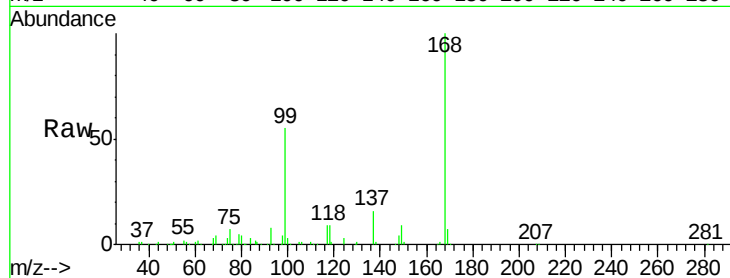
STORAGE-BLANK-SOIL-REF-5

Tot Ion:168 Resp: 231668

Ion Ratio Lower Upper

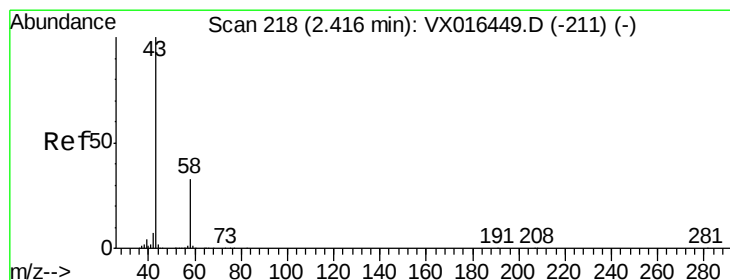
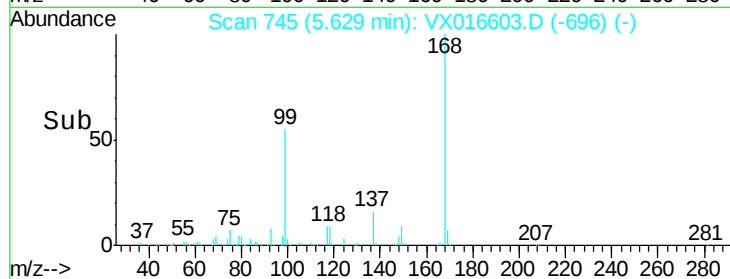
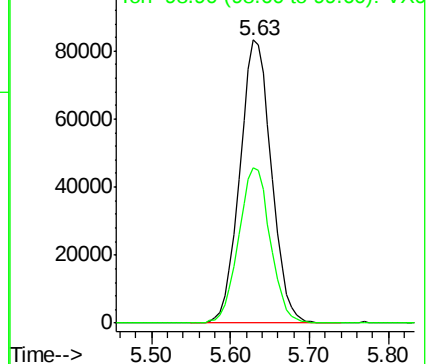
168 100

99 54.7 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: 4.537 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016603.D

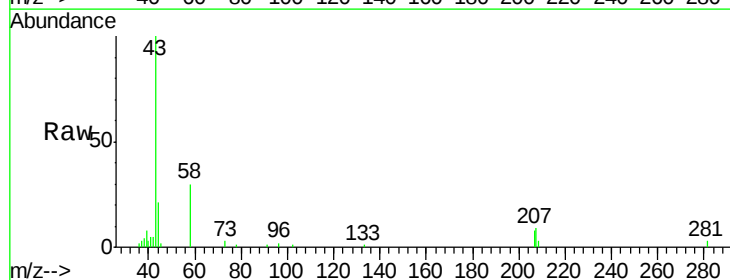
Acq: 05 Jun 2020 12:08

Tgt Ion: 43 Resp: 5719

Ion Ratio Lower Upper

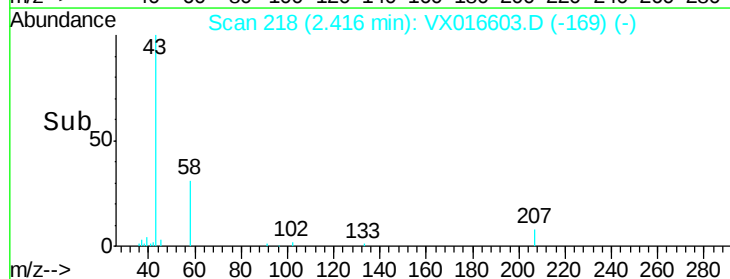
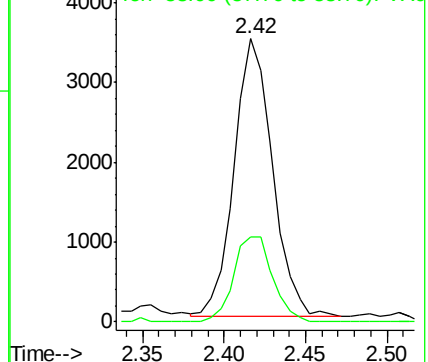
43 100

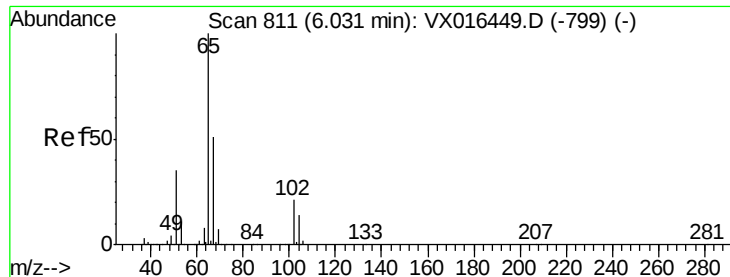
58 30.7 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.423 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016603.D

Acq: 05 Jun 2020 12:08

Instrument :

MSVOA_X

ClientSampleId :

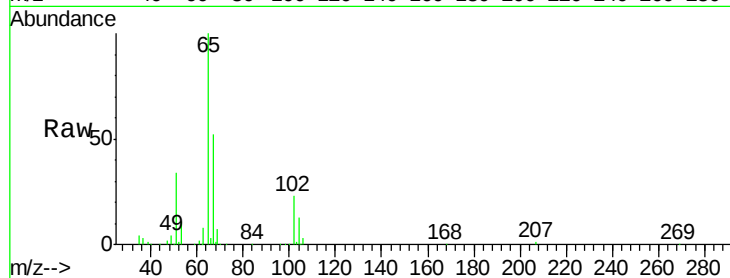
STORAGE-BLANK-SOIL-REF-5

Tot Ion: 65 Resp: 136436

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

50000

40000

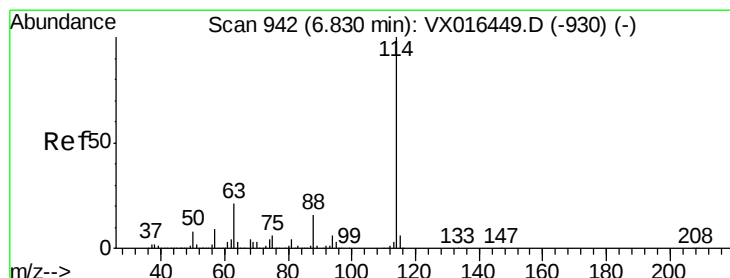
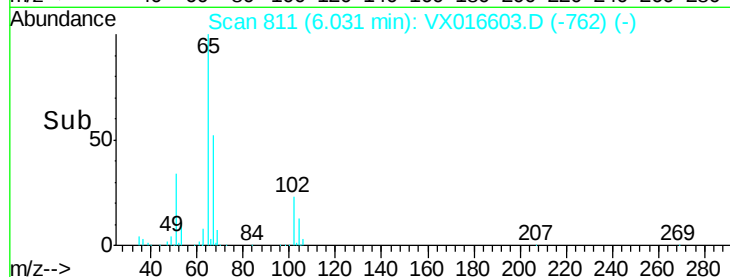
30000

20000

10000

0

Time--> 5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016603.D

Acq: 05 Jun 2020 12:08

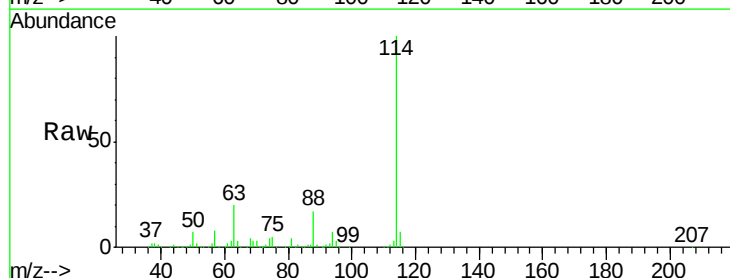
Tgt Ion: 114 Resp: 365392

Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.6

88 16.7 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

6.84

200000

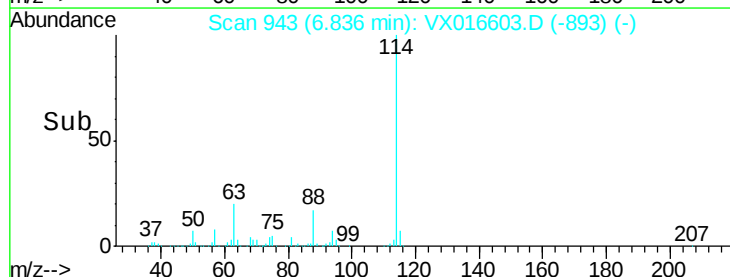
150000

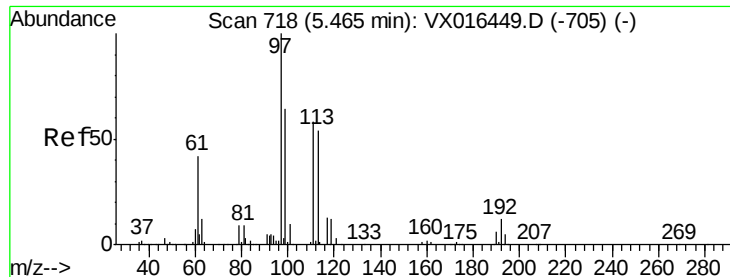
100000

50000

0

Time--> 6.70 6.80 6.90





#35

Dibromofluoromethane

Concen: 48.514 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016603.D

Acq: 05 Jun 2020 12:08

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-5

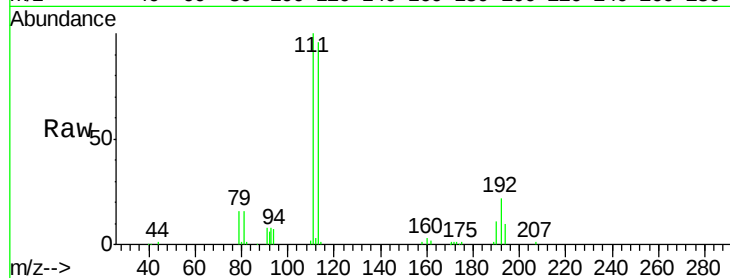
Tot Ion:113 Resp: 109150

Ion Ratio Lower Upper

113 100

111 103.3 83.0 124.6

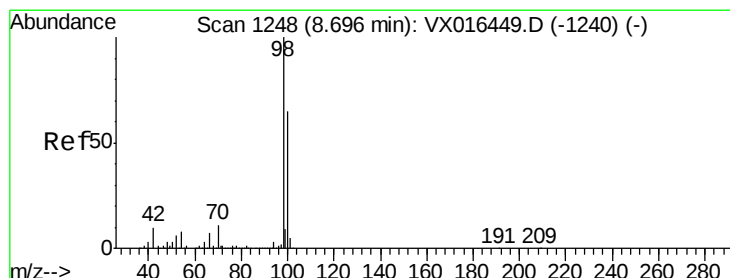
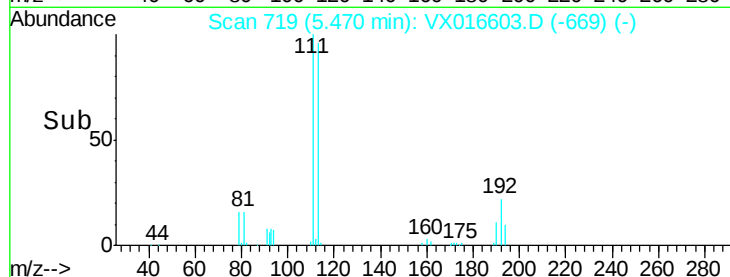
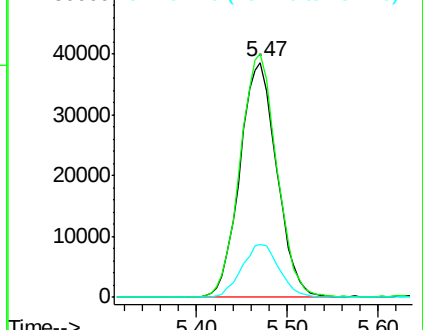
192 22.8 17.7 26.5



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



#50

Toluene-d8

Concen: 52.043 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016603.D

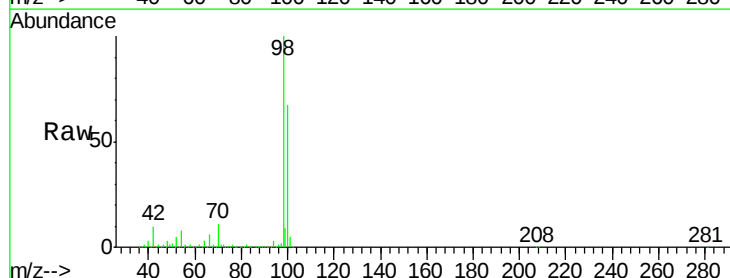
Acq: 05 Jun 2020 12:08

Tgt Ion: 98 Resp: 455743

Ion Ratio Lower Upper

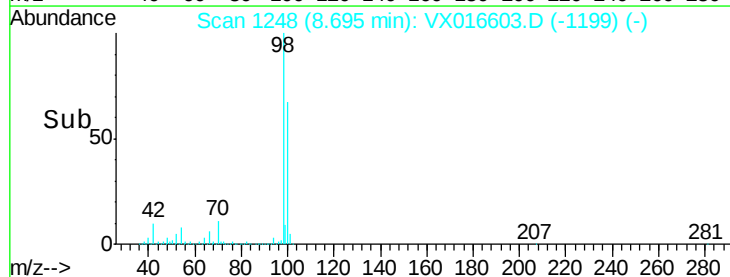
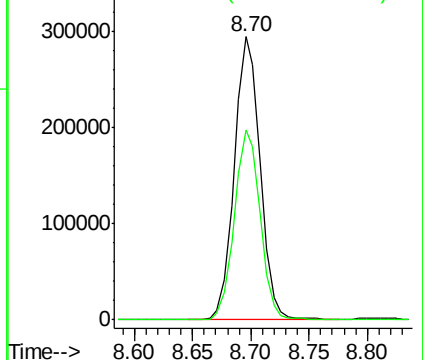
98 100

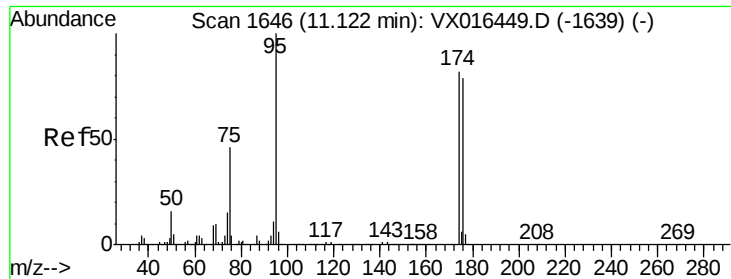
100 67.1 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 53.863 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016603.D

Acq: 05 Jun 2020 12:08

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-5

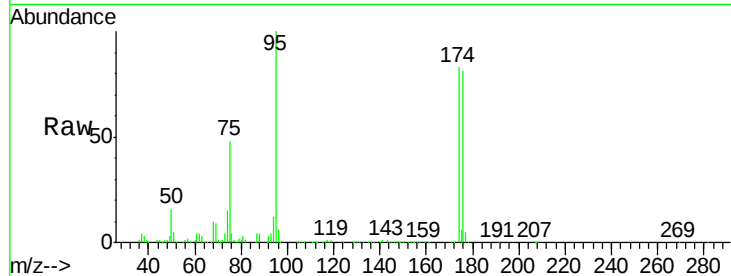
Tot Ion: 95 Resp: 182256

Ion Ratio Lower Upper

95 100

174 84.3 0.0 163.0

176 81.5 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VX016603.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX016603.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX016603.D (-1597) (-)

11.12

150000

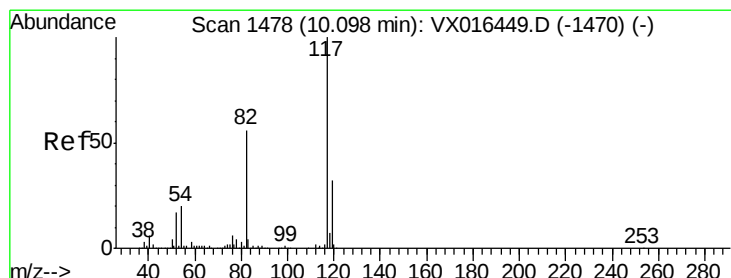
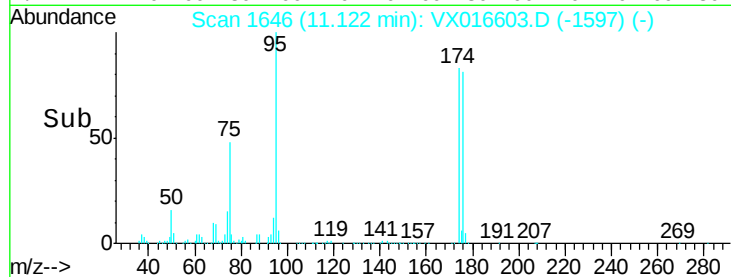
100000

50000

0

11.10 11.20

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016603.D

Acq: 05 Jun 2020 12:08

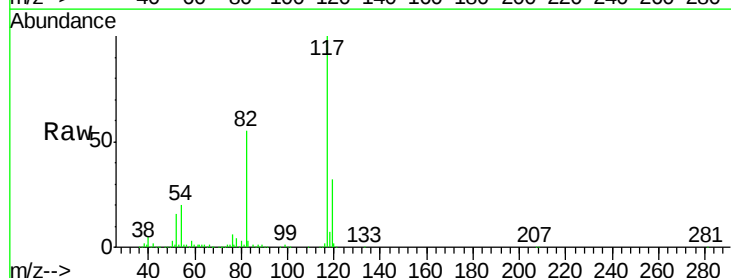
Tgt Ion: 117 Resp: 371945

Ion Ratio Lower Upper

117 100

82 55.2 45.0 67.6

119 32.5 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): VX016603.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX016603.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX016603.D (-1429) (-)

10.10

300000

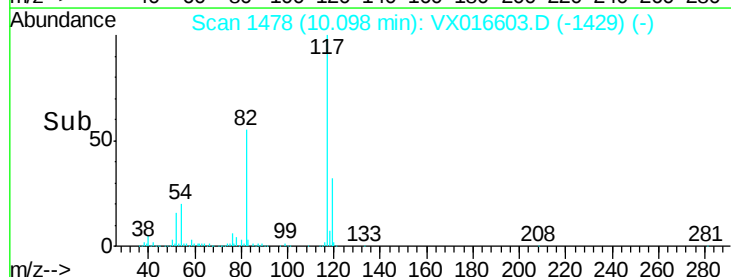
200000

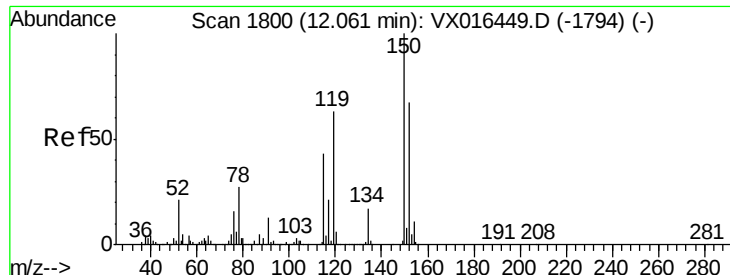
100000

0

10.00 10.20

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016603.D

Acq: 05 Jun 2020 12:08

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-5

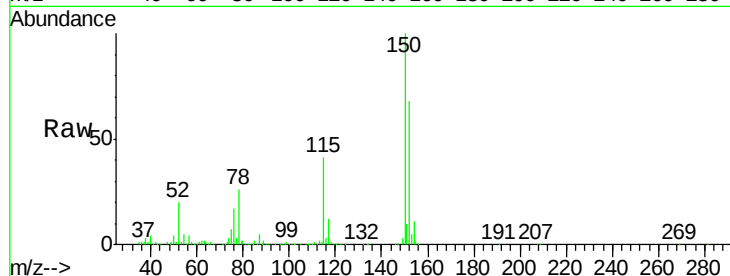
Tot Ion:152 Resp: 185371

Ion Ratio Lower Upper

152 100

115 57.8 39.9 119.6

150 152.8 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

