

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060520\
 Data File : VX016604.D
 Acq On : 05 Jun 2020 12:31
 Operator : JC/SP
 Sample : L2922-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-4

Quant Time: Jun 06 06:19:28 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

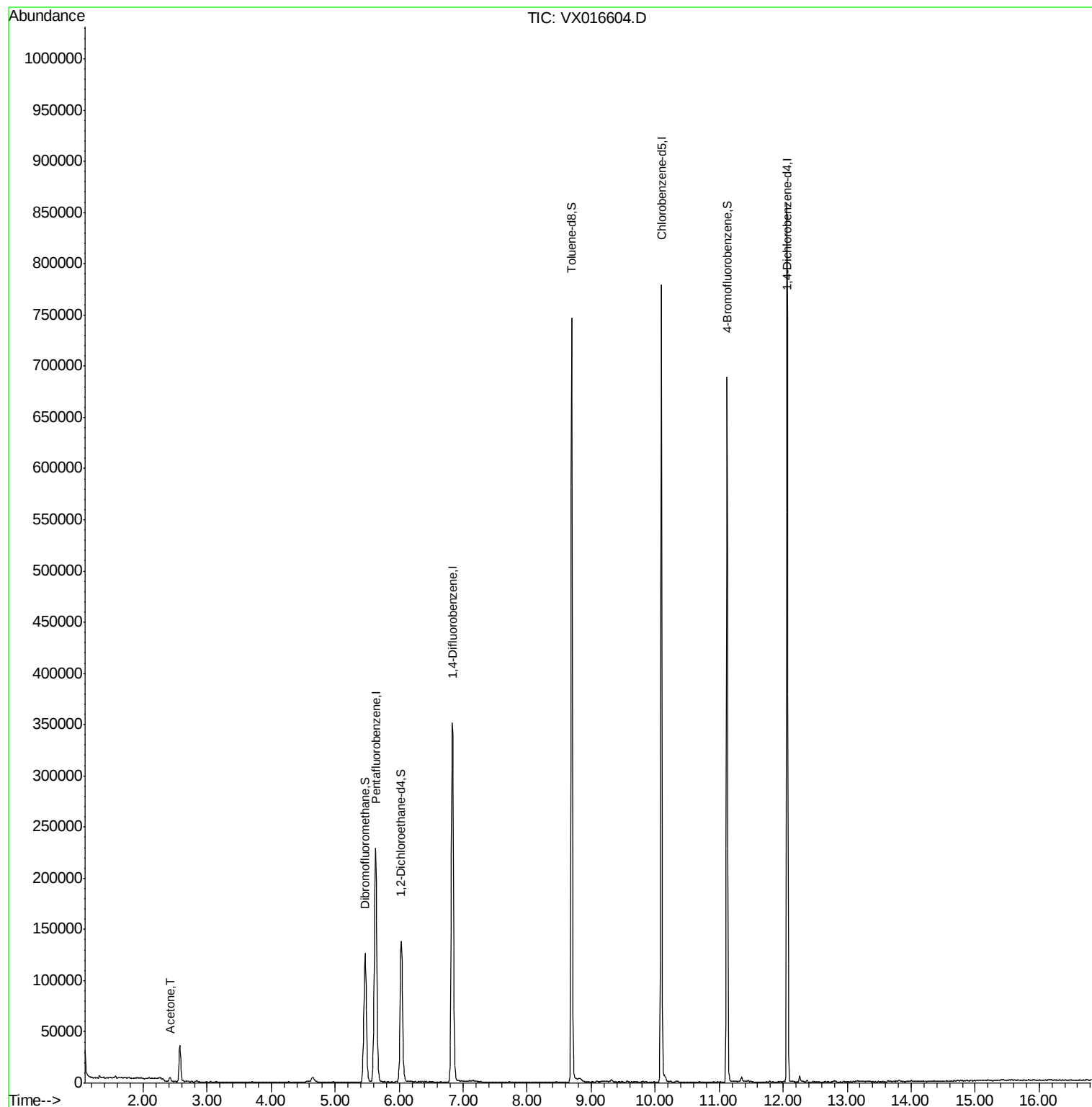
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	230555	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	363223	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	365436	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	184207	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	135319	47.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.52%	
35) Dibromofluoromethane	5.47	113	107970	48.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.56%	
50) Toluene-d8	8.70	98	450637	51.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.54%	
62) 4-Bromofluorobenzene	11.12	95	180043	53.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.06%	
Target Compounds						
16) Acetone	2.42	43	4429	3.531	ug/l	Qvalue 99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

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Acq: 05 Jun 2020 12:31

Instrument :

MSVOA_X

ClientSampleId :

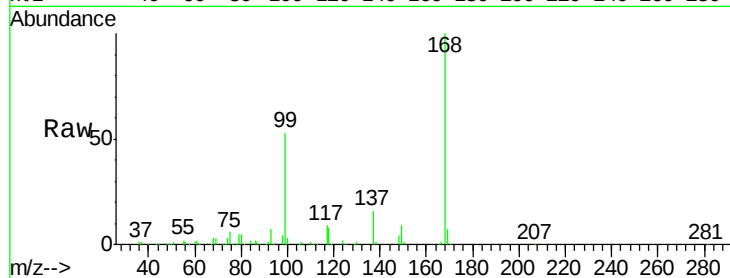
STORAGE-BLANK-SOIL-REF-4

Tot Ion:168 Resp: 230555

Ion Ratio Lower Upper

168 100

99 52.9 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

80000

60000

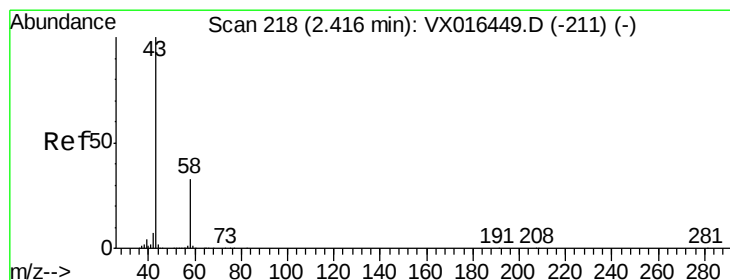
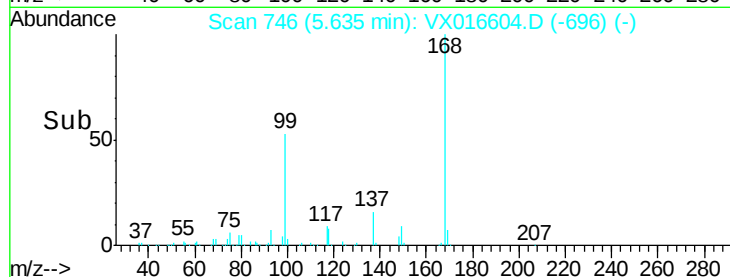
40000

20000

0

5.50 5.60 5.70

Time-->



#16

Acetone

Concen: 3.531 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016604.D

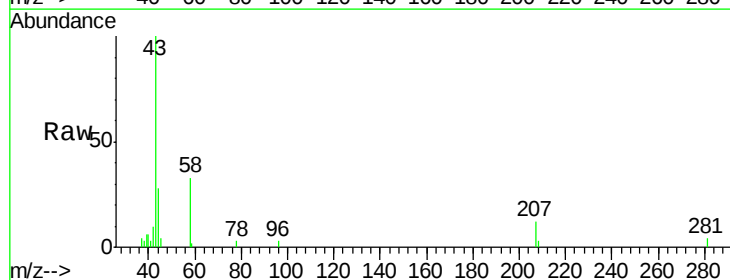
Acq: 05 Jun 2020 12:31

Tgt Ion: 43 Resp: 4429

Ion Ratio Lower Upper

43 100

58 33.0 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

2500

2000

1500

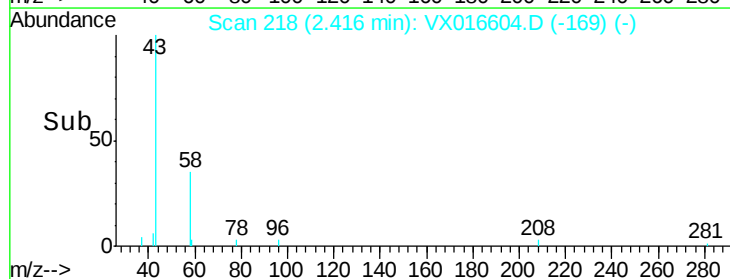
1000

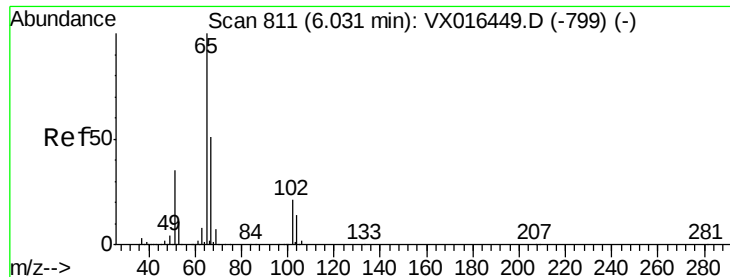
500

0

2.35 2.40 2.45 2.50

Time-->





#33

1,2-Dichloroethane-d4

Concen: 47.262 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016604.D

Acq: 05 Jun 2020 12:31

Instrument :

MSVOA_X

ClientSampleId :

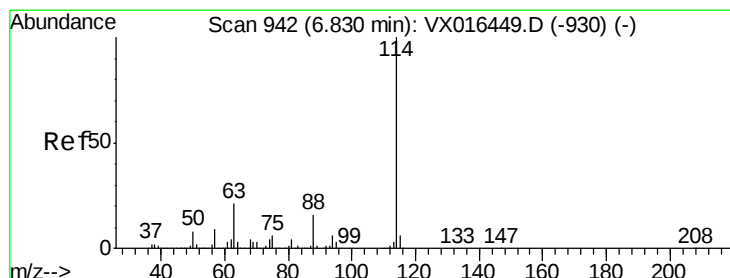
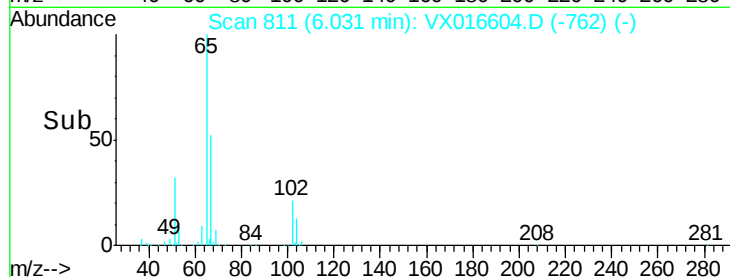
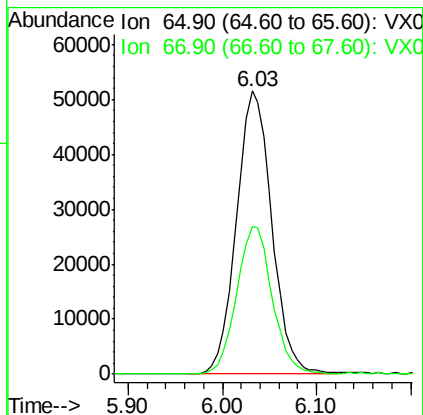
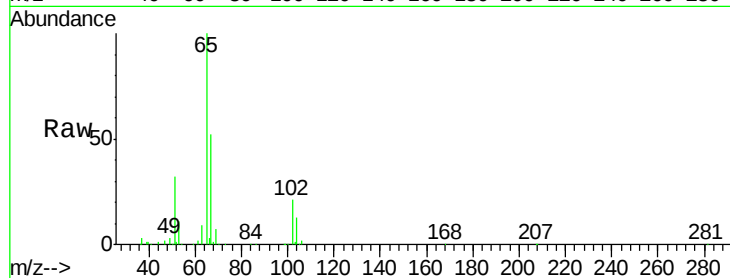
STORAGE-BLANK-SOIL-REF-4

Tot Ion: 65 Resp: 135319

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016604.D

Acq: 05 Jun 2020 12:31

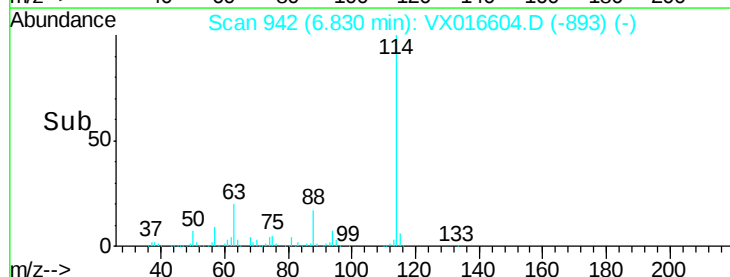
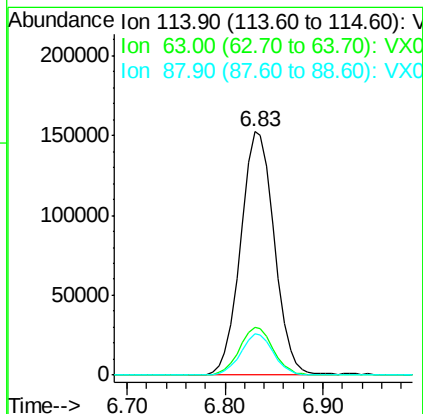
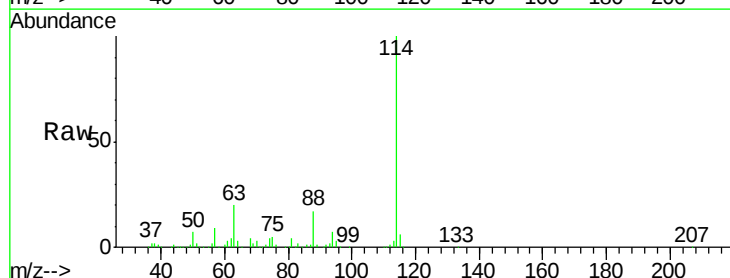
Tgt Ion: 114 Resp: 363223

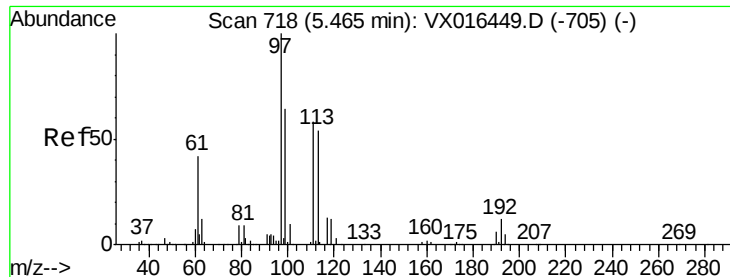
Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.6

88 16.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.276 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016604.D

Acq: 05 Jun 2020 12:31

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-4

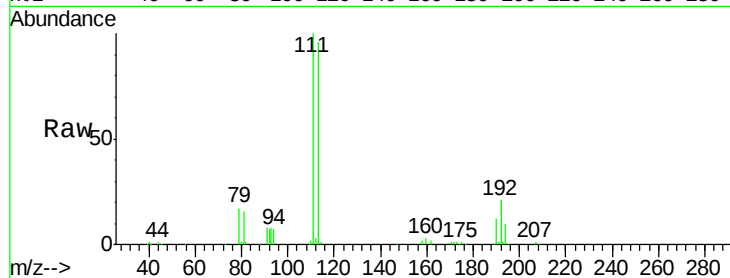
Tot Ion:113 Resp: 107970

Ion Ratio Lower Upper

113 100

111 104.3 83.0 124.6

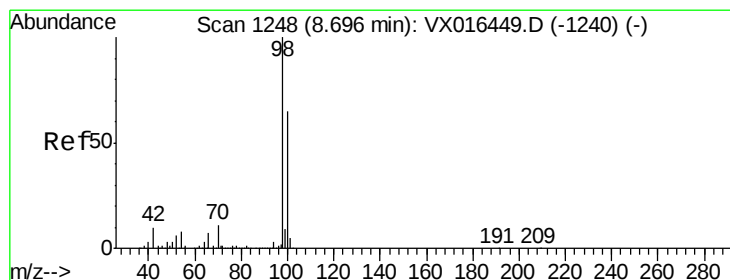
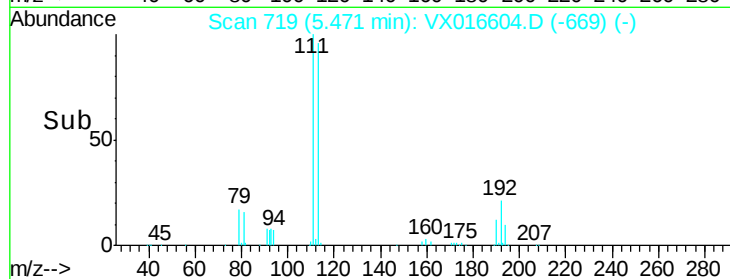
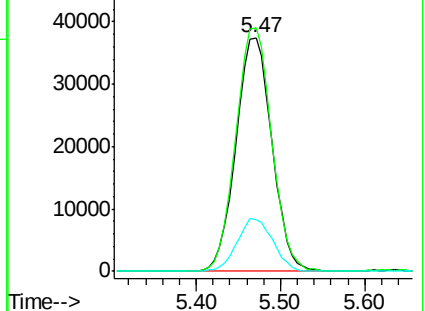
192 22.5 17.7 26.5



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: 51.767 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016604.D

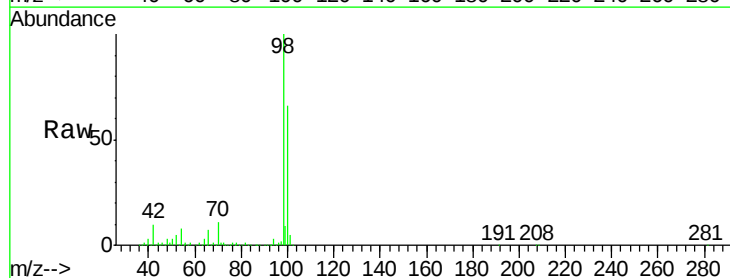
Acq: 05 Jun 2020 12:31

Tgt Ion: 98 Resp: 450637

Ion Ratio Lower Upper

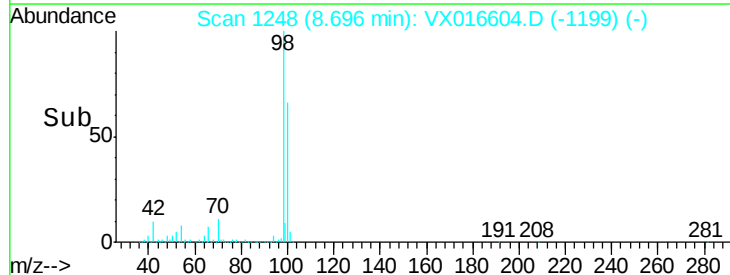
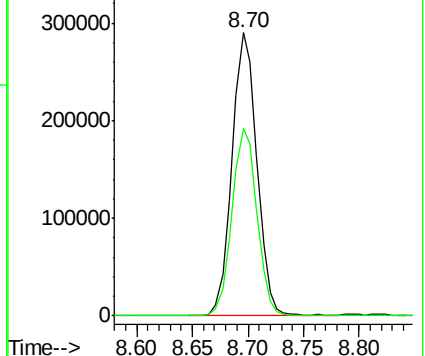
98 100

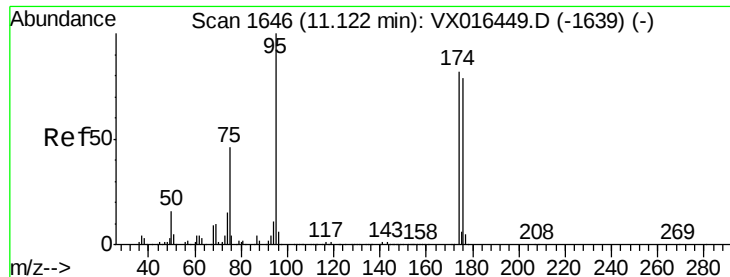
100 66.3 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 53.527 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016604.D

Acq: 05 Jun 2020 12:31

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-4

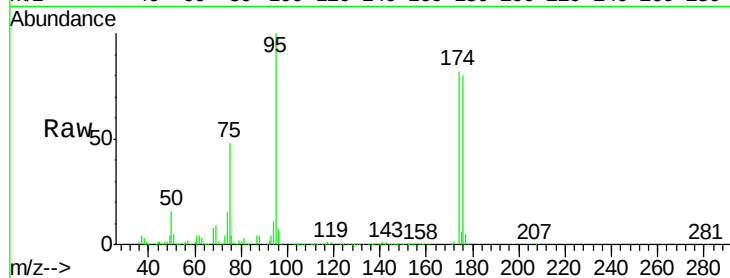
Tot Ion: 95 Resp: 180043

Ion Ratio Lower Upper

95 100

174 83.0 0.0 163.0

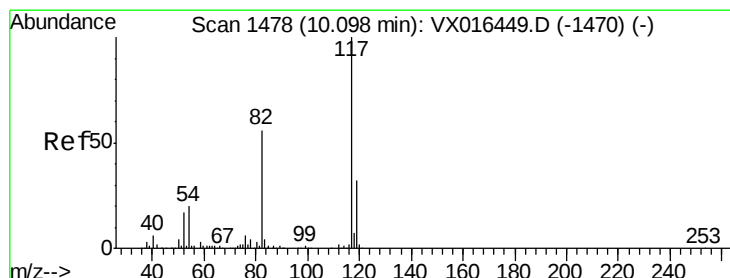
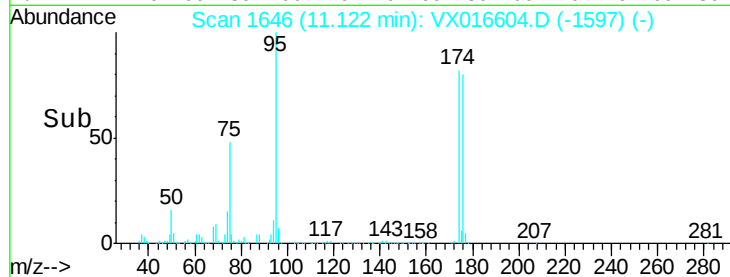
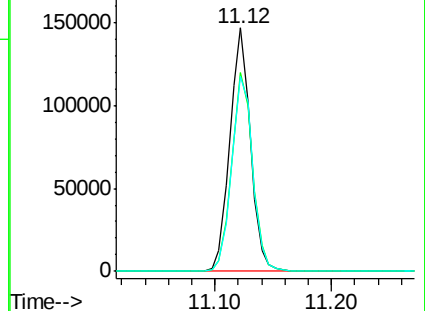
176 82.6 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VX016604.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX016604.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX016604.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016604.D

Acq: 05 Jun 2020 12:31

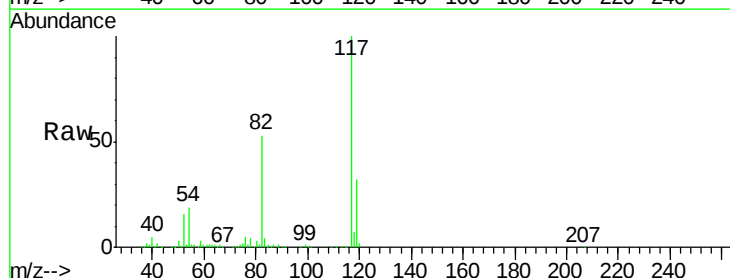
Tgt Ion: 117 Resp: 365436

Ion Ratio Lower Upper

117 100

82 52.8 45.0 67.6

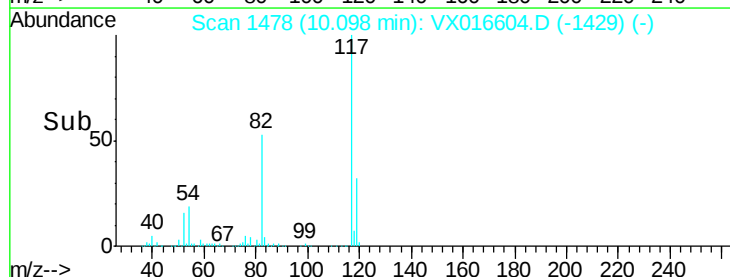
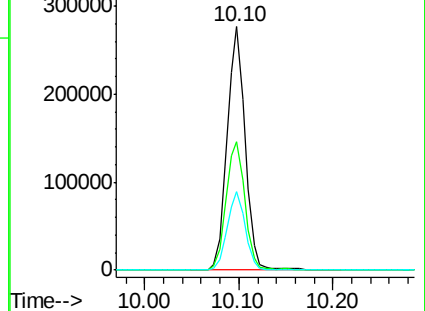
119 32.4 25.8 38.8

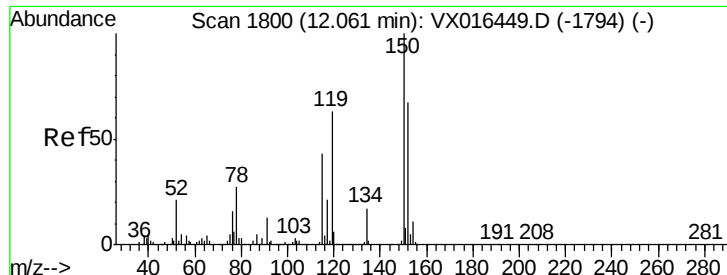


Abundance Ion 116.90 (116.60 to 117.60): VX016604.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX016604.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX016604.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: VX016604.D

Acq: 05 Jun 2020 12:31

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-4

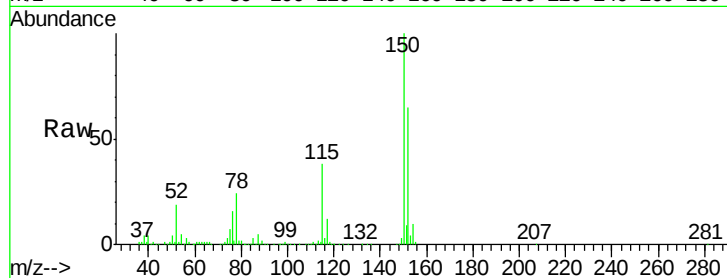
Tot Ion:152 Resp: 184207

Ion Ratio Lower Upper

152 100

115 57.5 39.9 119.6

150 155.0 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

