

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112120\
 Data File : VX019498.D
 Acq On : 20 Nov 2020 16:15
 Operator : JC/MD
 Sample : L4837-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Nov 21 04:08:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	272648	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	445026	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	390822	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	166605	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	167037	47.25	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.50%		
35) Dibromofluoromethane	5.46	113	133223	47.69	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.38%		
50) Toluene-d8	8.70	98	529397	48.77	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.54%		
62) 4-Bromofluorobenzene	11.12	95	176594	45.22	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.44%		

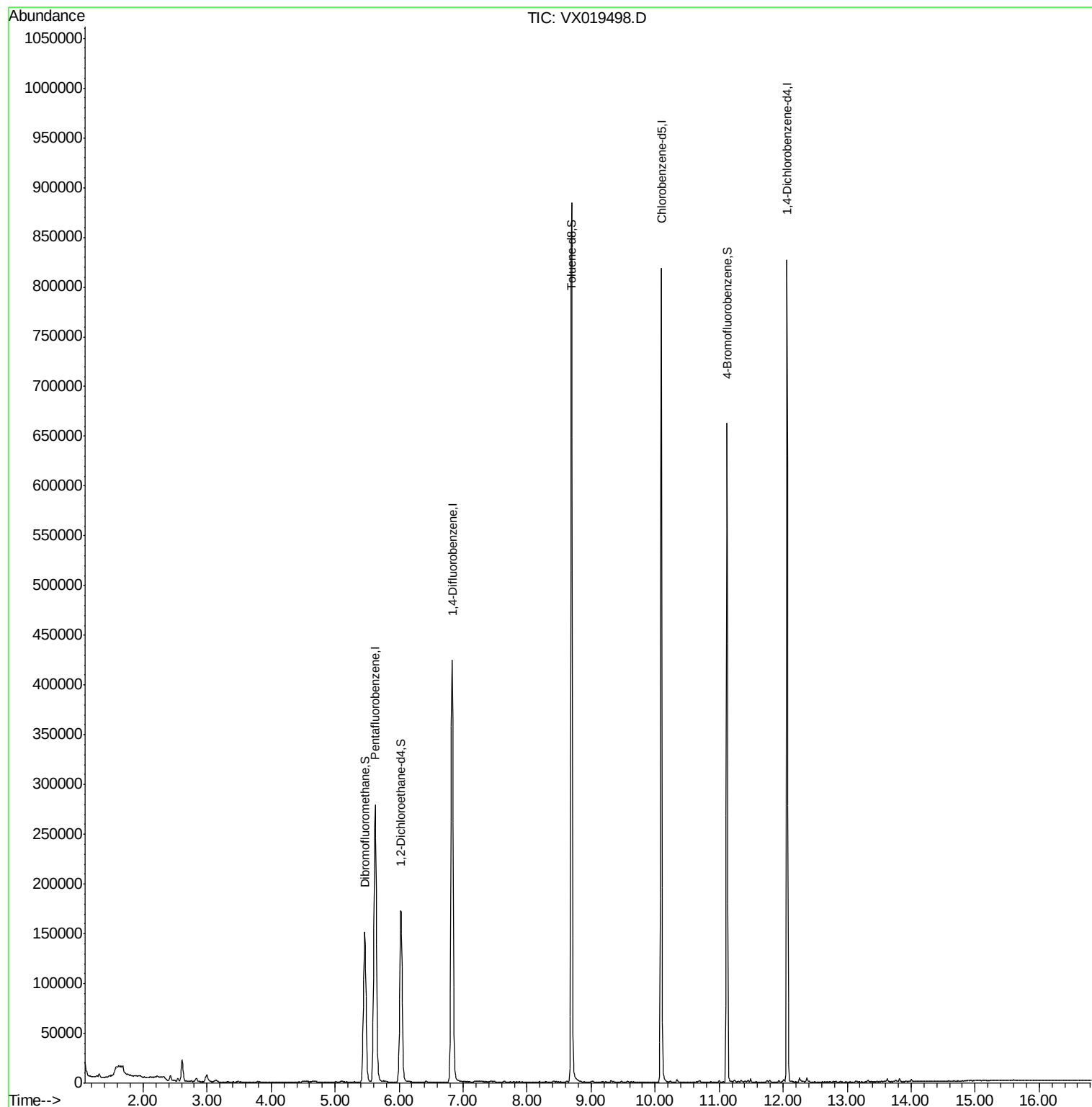
Target Compounds	Qvalue

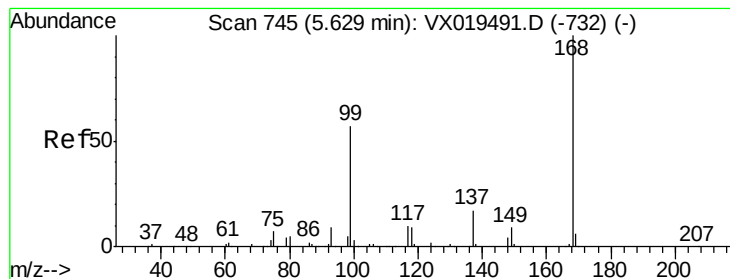
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX019498.D

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Instrument :

MSVOA_X

ClientSampleId :

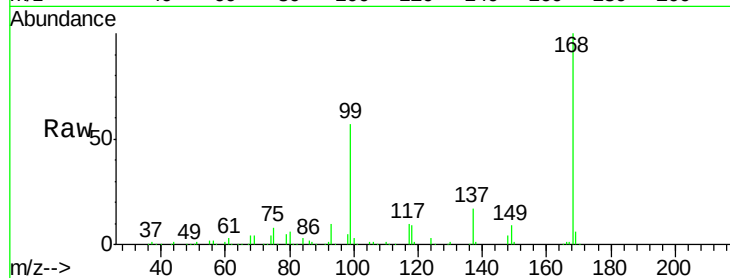
STORAGE-BLANK-SOIL-REF-6

Tot Ion:168 Resp: 272648

Ion Ratio Lower Upper

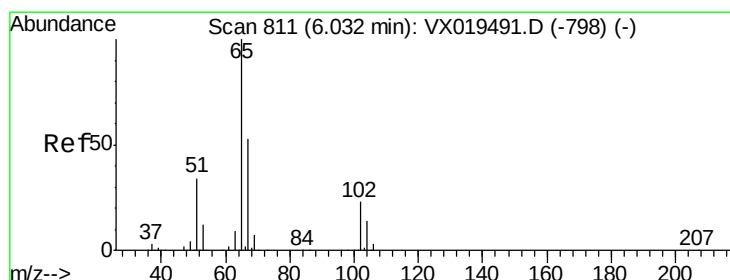
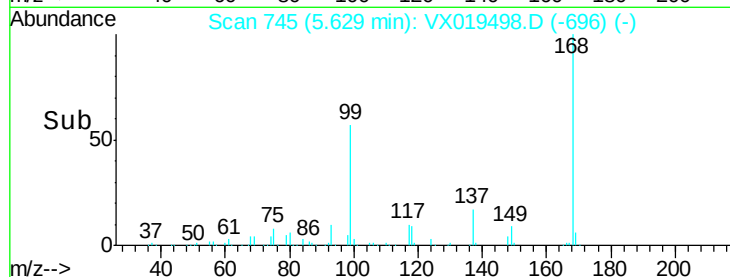
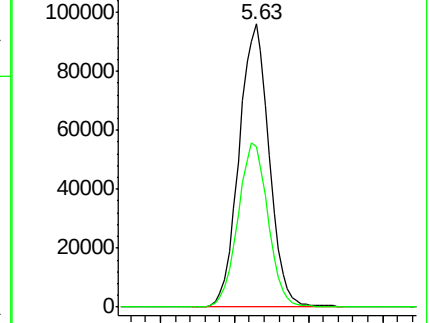
168 100

99 56.9 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.251 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX019498.D

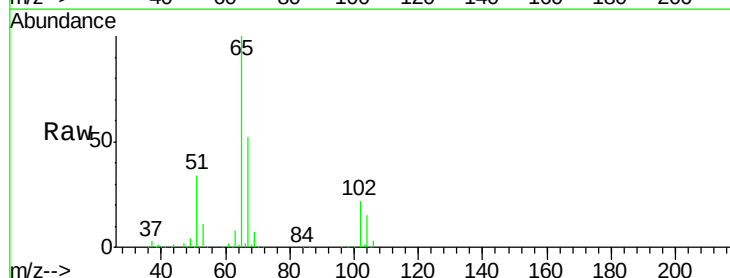
Acq: 20 Nov 2020 16:15

Tgt Ion: 65 Resp: 167037

Ion Ratio Lower Upper

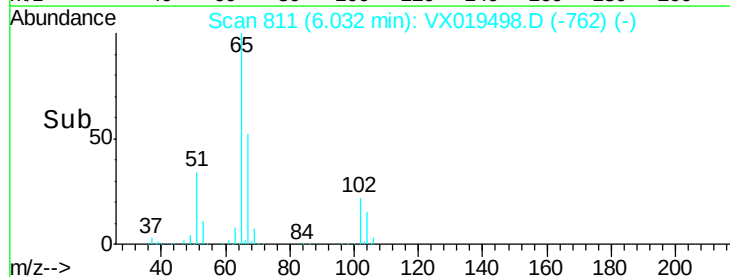
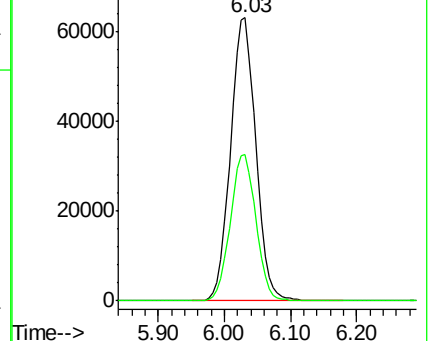
65 100

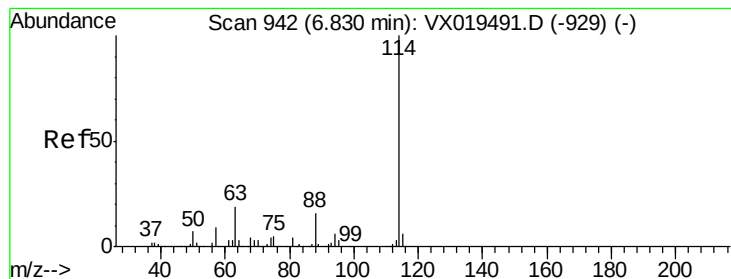
67 52.5 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX019498.D

Acq: 20 Nov 2020 16:15

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

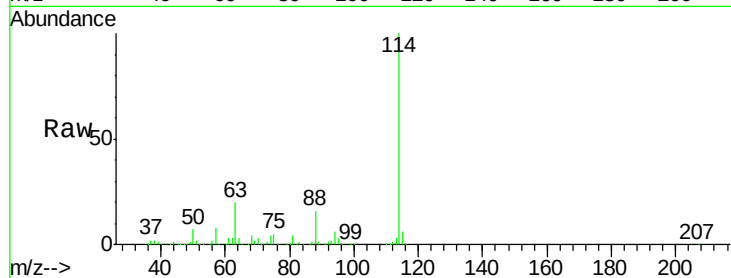
Tot Ion:114 Resp: 445026

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.8

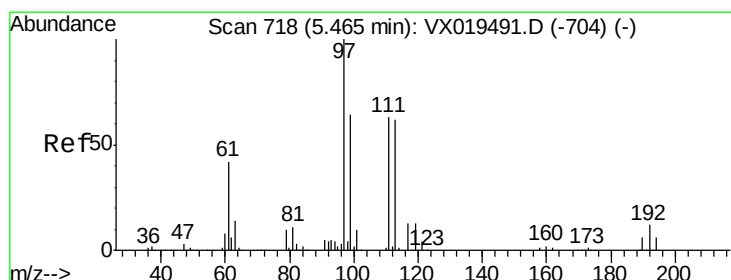
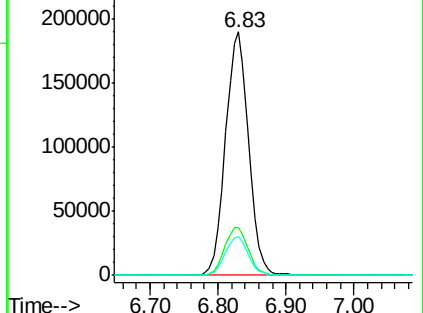
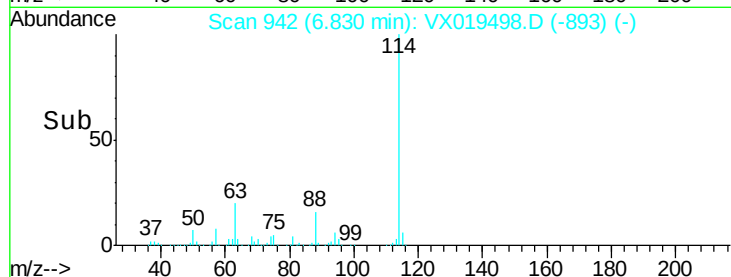
88 16.1 0.0 31.6



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: 47.692 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX019498.D

Acq: 20 Nov 2020 16:15

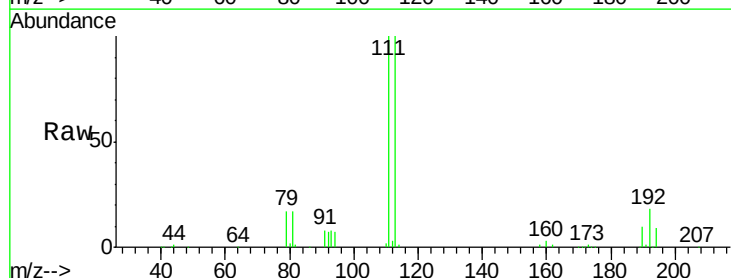
Tgt Ion:113 Resp: 133223

Ion Ratio Lower Upper

113 100

111 101.7 81.5 122.3

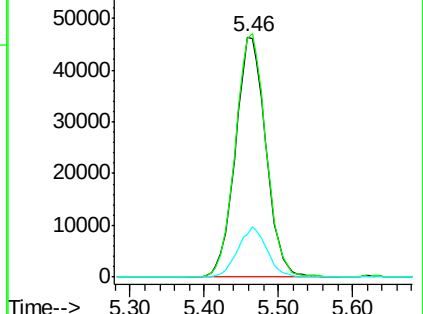
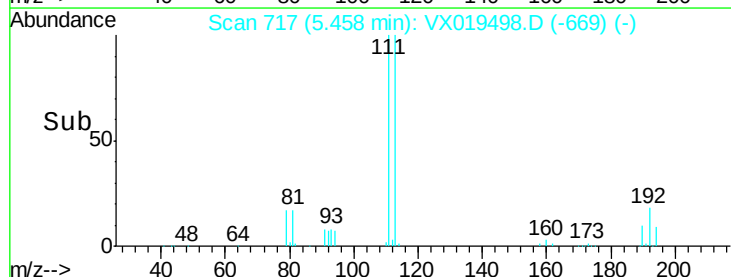
192 20.0 16.2 24.2

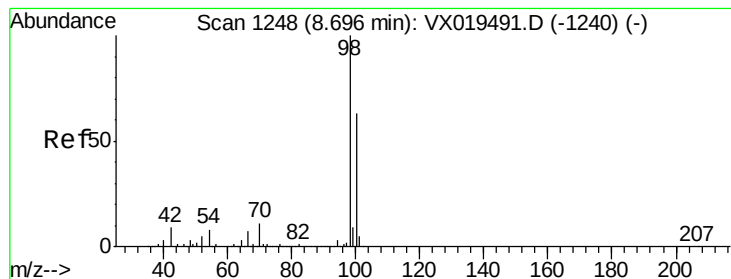


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.770 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019498.D

Acq: 20 Nov 2020 16:15

Instrument :

MSVOA_X

ClientSampleId :

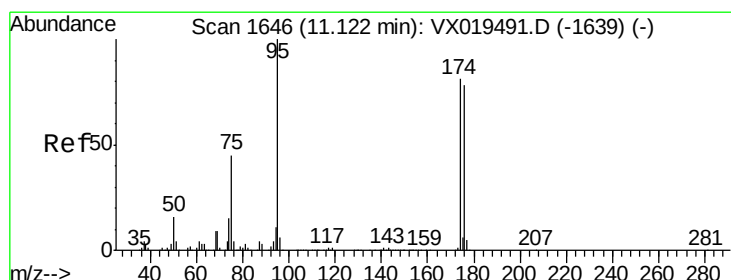
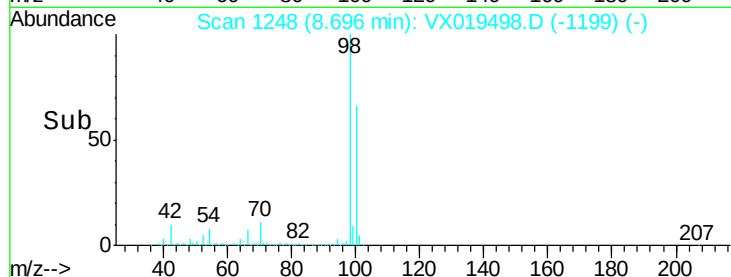
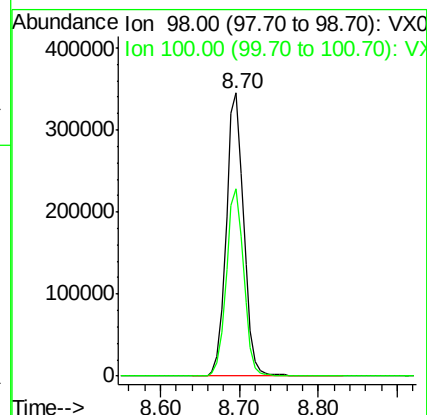
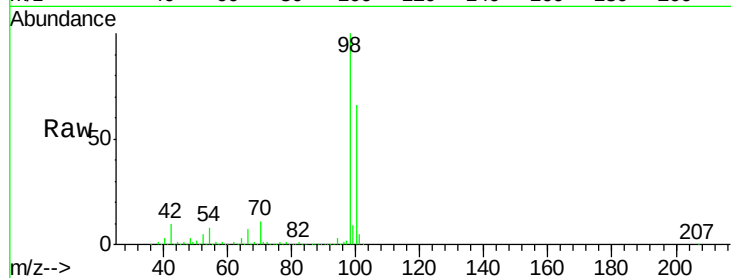
STORAGE-BLANK-SOIL-REF-6

Tot Ion: 98 Resp: 529397

Ion Ratio Lower Upper

98 100

100 66.4 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 45.217 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019498.D

Acq: 20 Nov 2020 16:15

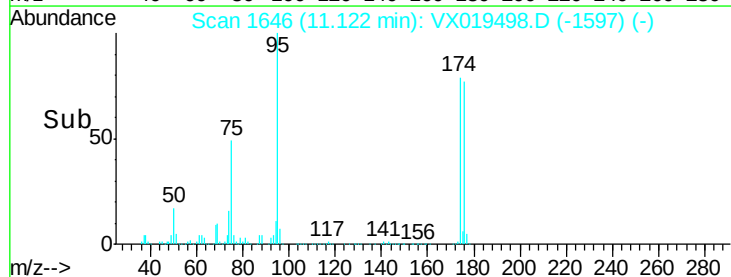
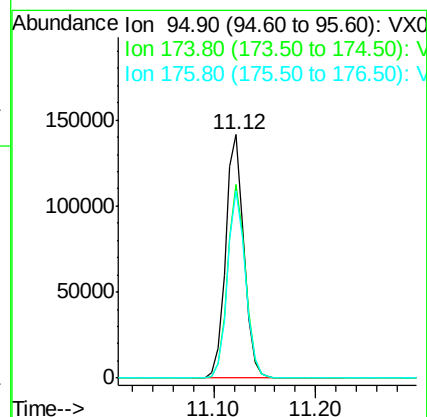
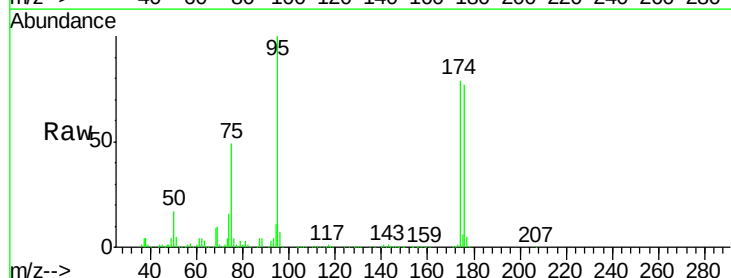
Tgt Ion: 95 Resp: 176594

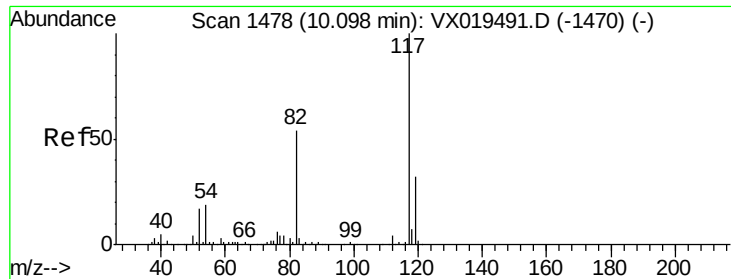
Ion Ratio Lower Upper

95 100

174 78.1 0.0 156.2

176 75.8 0.0 151.4

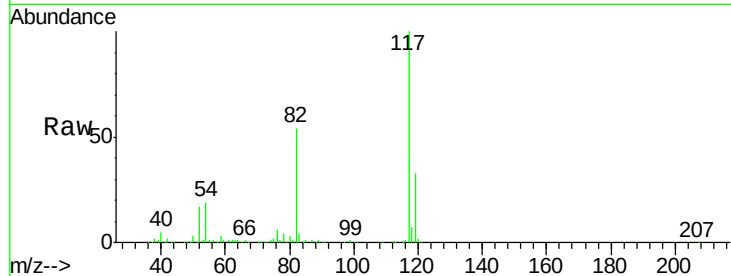




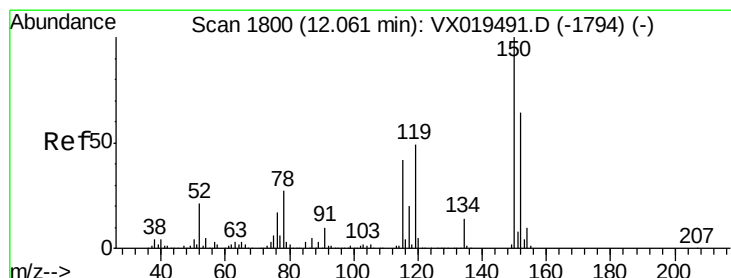
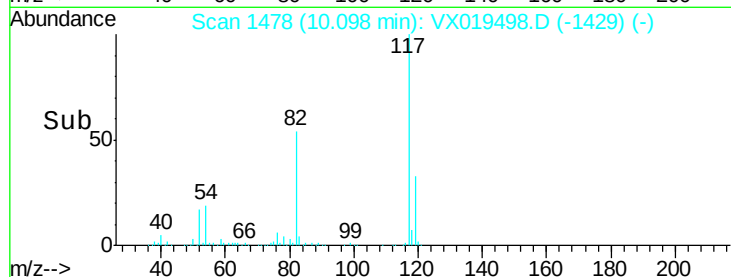
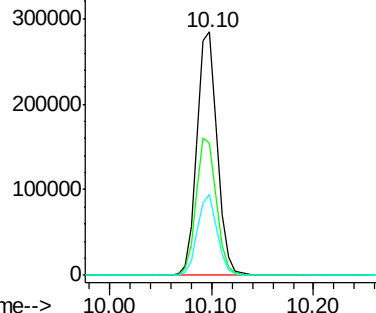
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019498.D
Acq: 20 Nov 2020 16:15

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tot Ion:117 Resp: 390822
Ion Ratio Lower Upper
117 100
82 54.5 43.0 64.4
119 33.1 25.6 38.4

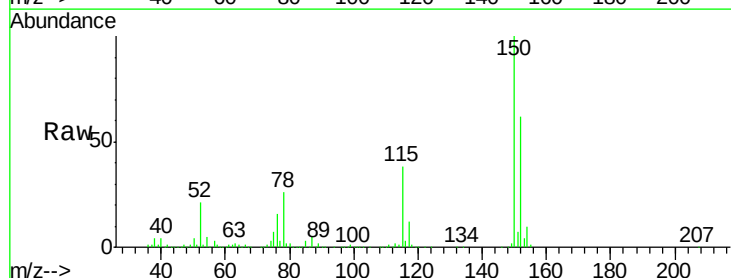


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX019498.D
Acq: 20 Nov 2020 16:15

Tgt Ion:152 Resp: 166605
Ion Ratio Lower Upper
152 100
115 60.2 41.8 125.4
150 158.8 0.0 348.2



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

