

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052720\
 Data File : VX016458.D
 Acq On : 27 May 2020 20:16
 Operator : JC/SP
 Sample : L2750-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: May 28 07:31:52 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	273571	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	438969	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	440495	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	222589	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	162697	47.89	ug/l	0.00
Spiked Amount			Recovery	=	95.78%	
35) Dibromofluoromethane	5.46	113	128233	47.44	ug/l	0.00
Spiked Amount			Recovery	=	94.88%	
50) Toluene-d8	8.70	98	552565	52.52	ug/l	0.00
Spiked Amount			Recovery	=	105.04%	
62) 4-Bromofluorobenzene	11.12	95	223883	55.07	ug/l	0.00
Spiked Amount			Recovery	=	110.14%	

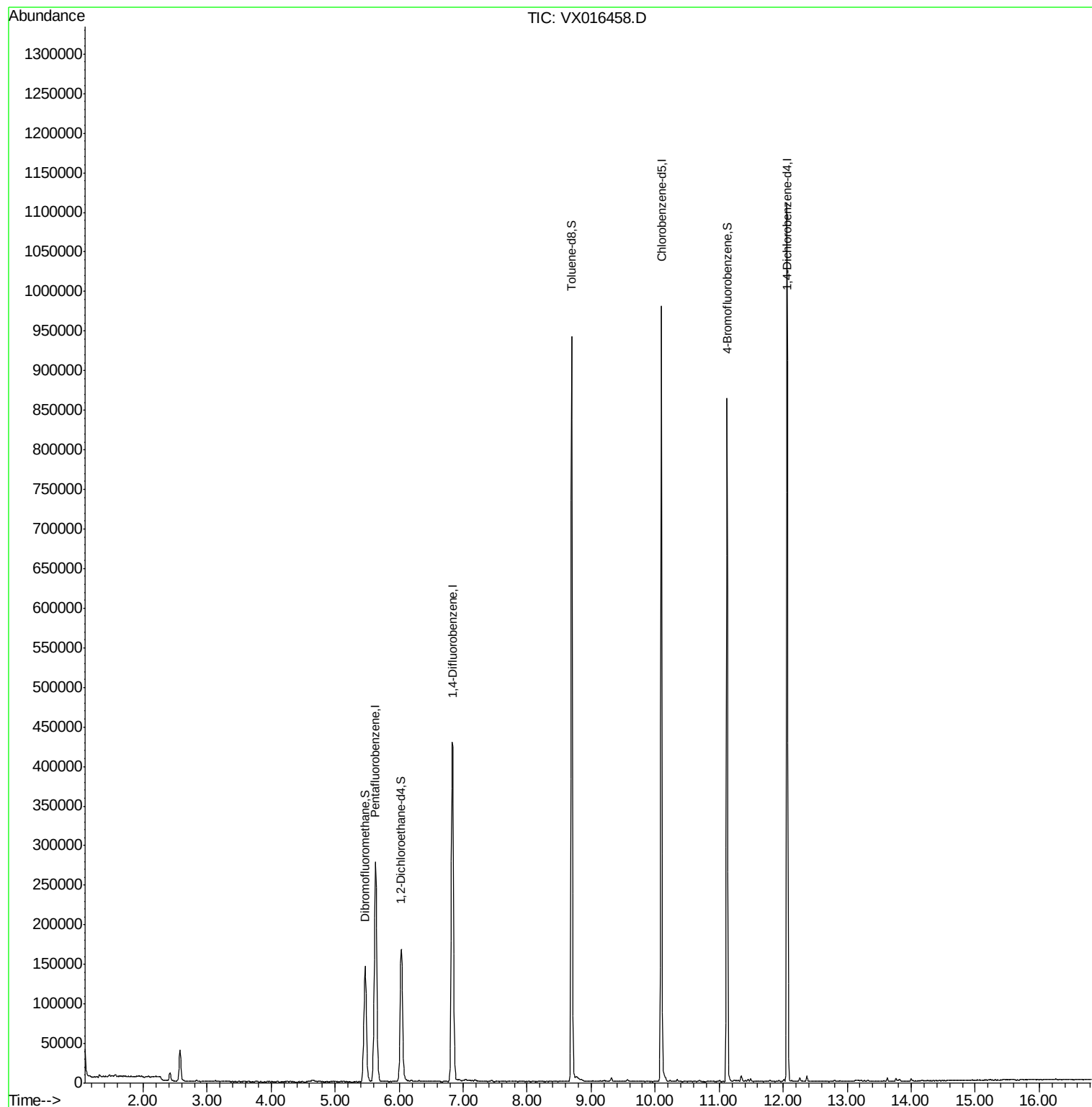
Target Compounds	Qvalue
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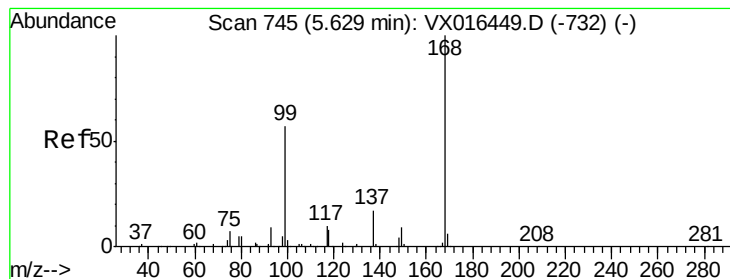
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016458.D

Acq: 27 May 2020 20:16

Instrument :

MSVOA_X

ClientSampleId :

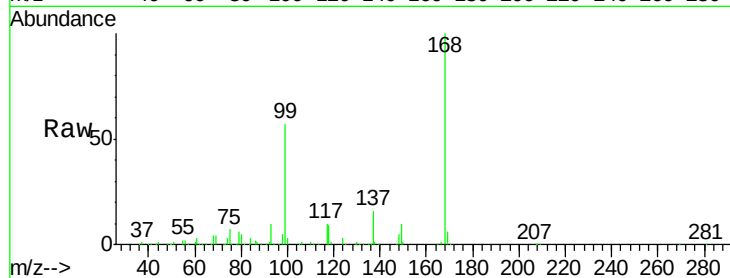
STORAGE-BLANK-SOIL-REF-4

Tot Ion:168 Resp: 273571

Ion Ratio Lower Upper

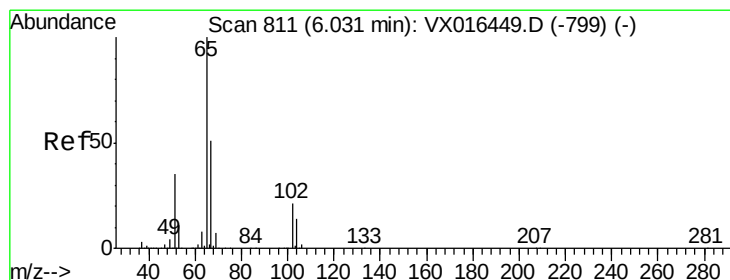
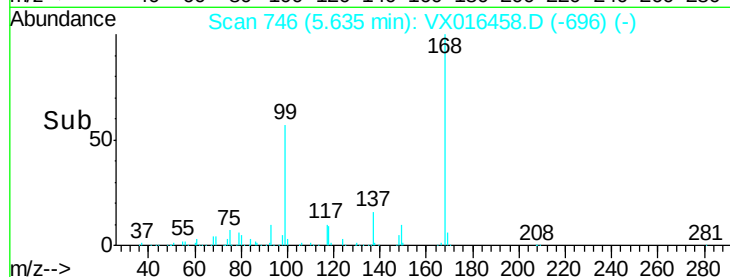
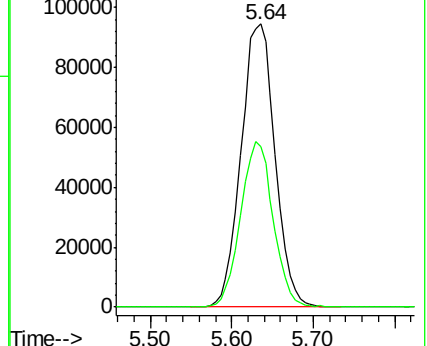
168 100

99 56.9 45.2 67.8



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: 47.889 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016458.D

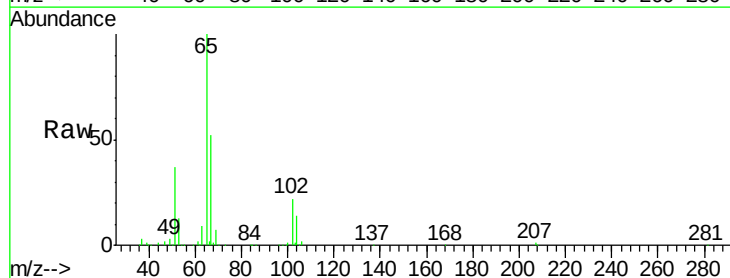
Acq: 27 May 2020 20:16

Tgt Ion: 65 Resp: 162697

Ion Ratio Lower Upper

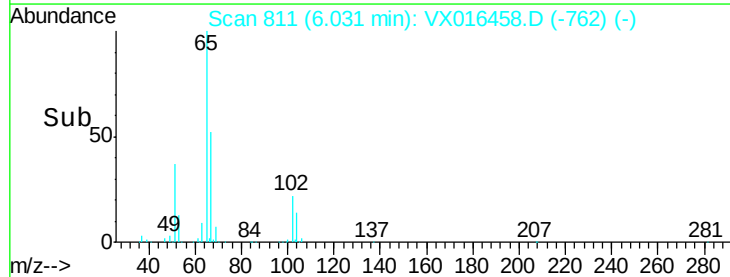
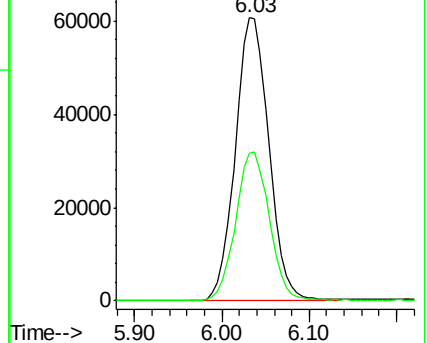
65 100

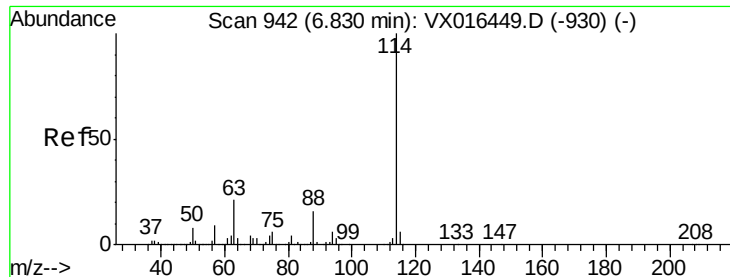
67 52.8 0.0 104.8



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: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016458.D

Acq: 27 May 2020 20:16

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-4

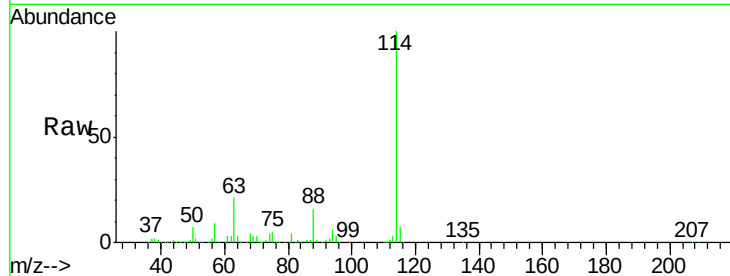
Tot Ion:114 Resp: 438969

Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.6

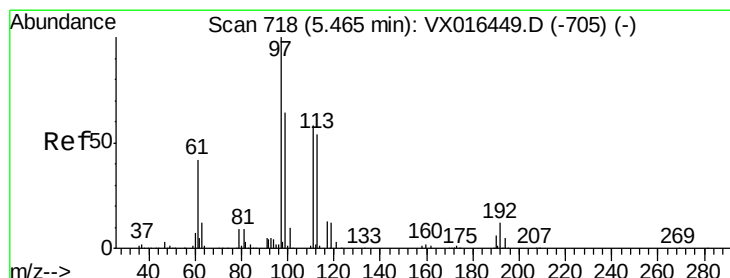
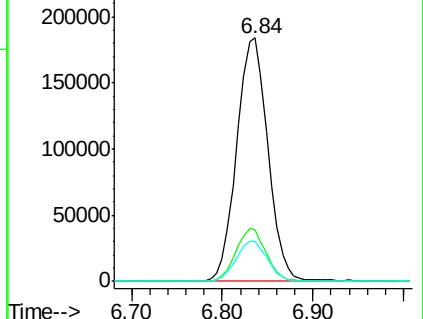
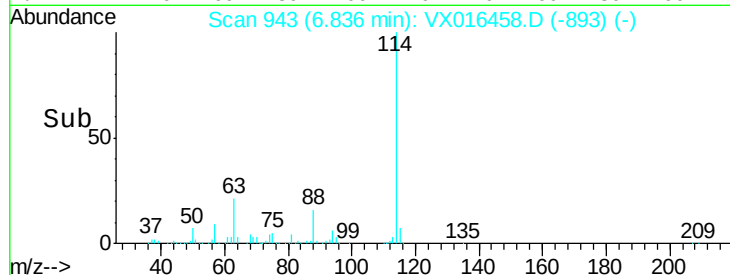
88 16.4 0.0 32.8



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: 47.442 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016458.D

Acq: 27 May 2020 20:16

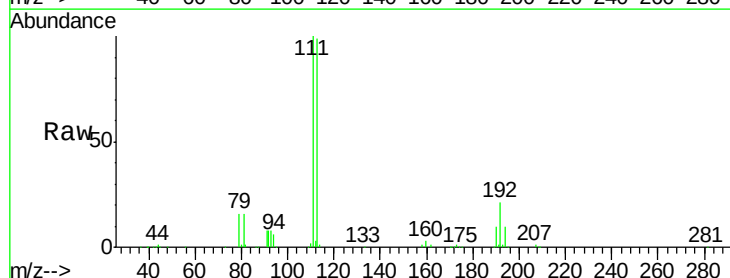
Tgt Ion:113 Resp: 128233

Ion Ratio Lower Upper

113 100

111 101.2 83.0 124.6

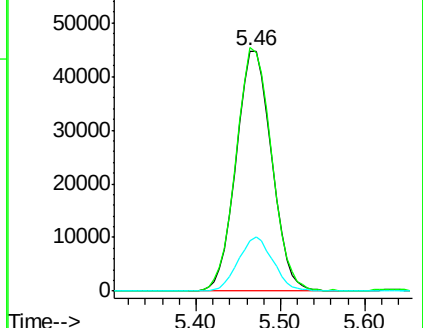
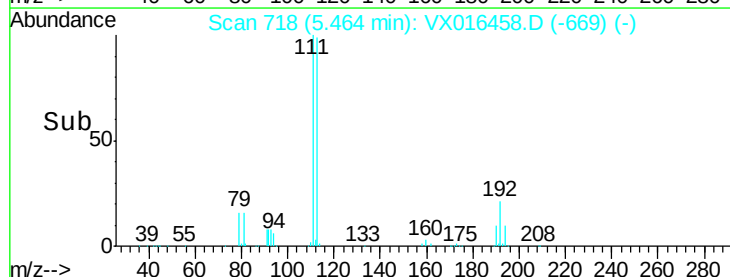
192 22.0 17.7 26.5

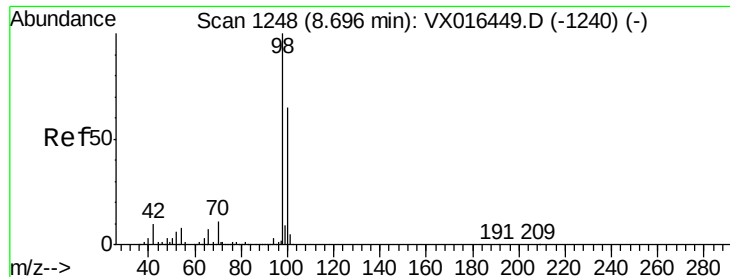


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.523 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016458.D

Acq: 27 May 2020 20:16

Instrument :

MSVOA_X

ClientSampleId :

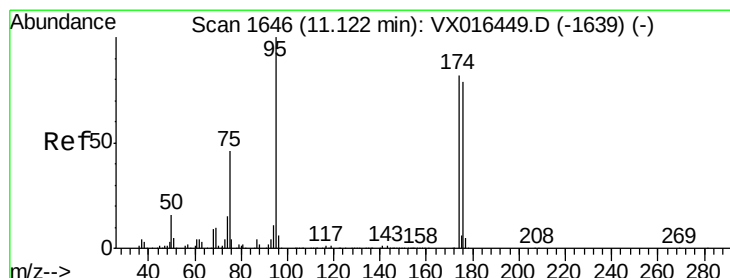
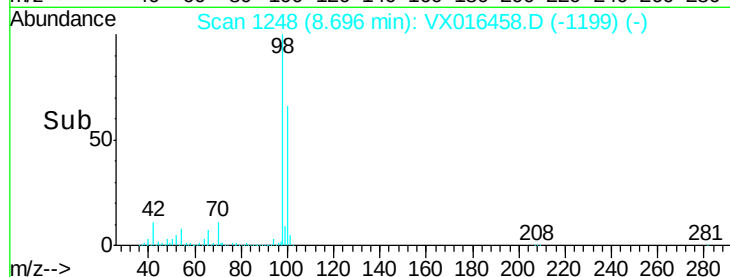
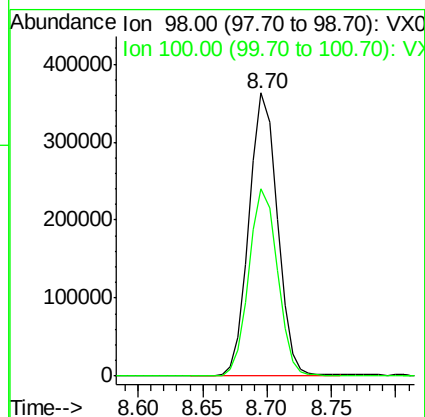
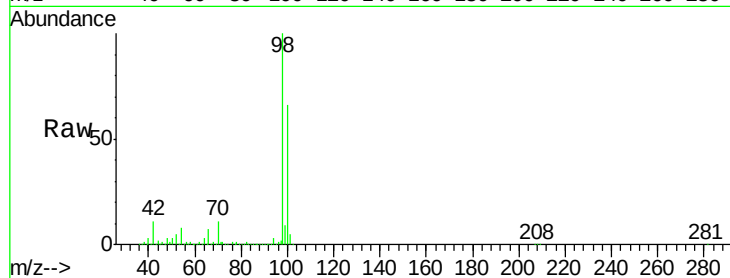
STORAGE-BLANK-SOIL-REF-4

Tot Ion: 98 Resp: 552565

Ion Ratio Lower Upper

98 100

100 66.8 53.8 80.6



#62

4-Bromofluorobenzene

Concen: 55.075 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016458.D

Acq: 27 May 2020 20:16

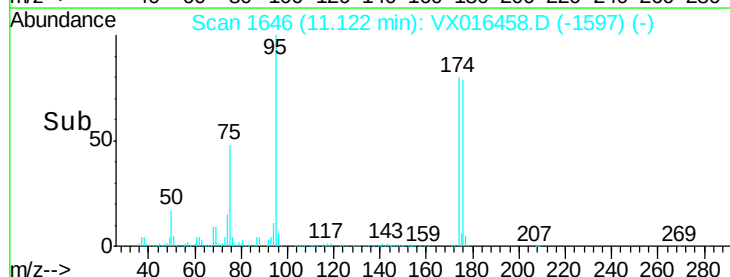
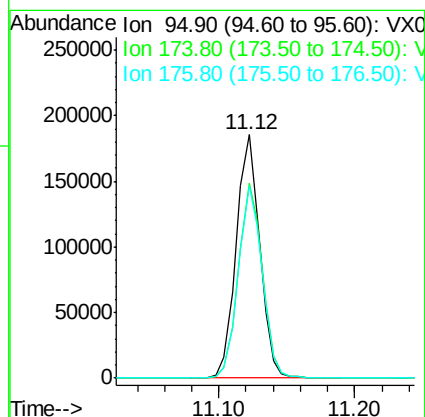
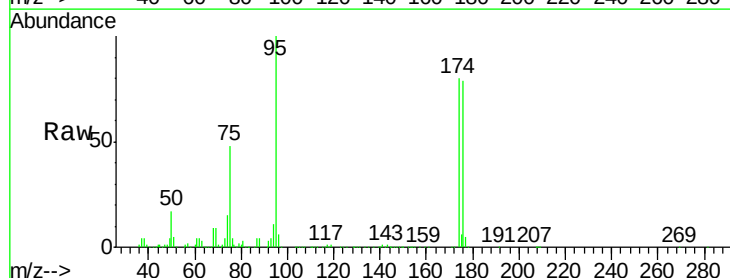
Tgt Ion: 95 Resp: 223883

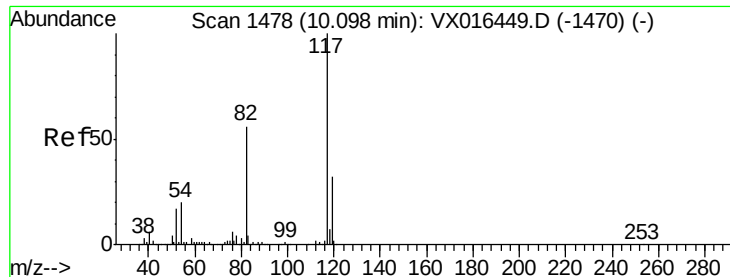
Ion Ratio Lower Upper

95 100

174 81.3 0.0 163.0

176 79.6 0.0 156.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016458.D

Acq: 27 May 2020 20:16

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-4

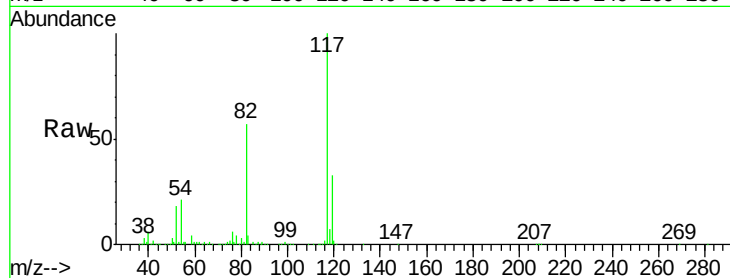
Tot Ion:117 Resp: 440495

Ion Ratio Lower Upper

117 100

82 56.9 45.0 67.6

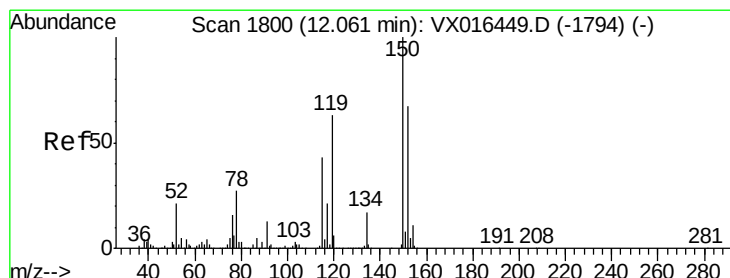
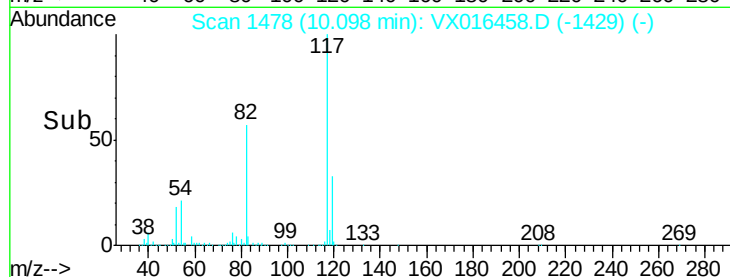
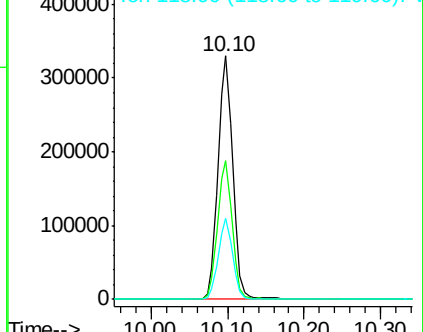
119 33.1 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

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: VX016458.D

Acq: 27 May 2020 20:16

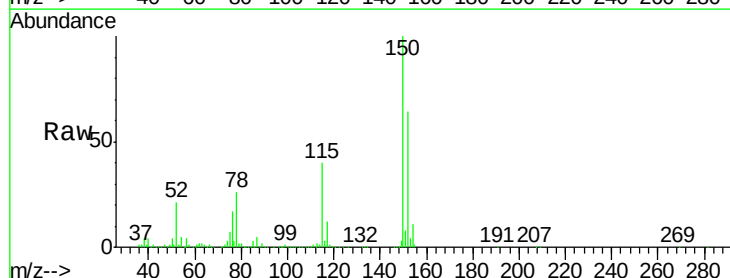
Tgt Ion:152 Resp: 222589

Ion Ratio Lower Upper

152 100

115 59.8 39.9 119.6

150 158.0 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

