

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050820\
 Data File : VX016121.D
 Acq On : 08 May 2020 15:18
 Operator : JC/SP
 Sample : L2563-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: May 09 06:46:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	278287	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	470489	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	452876	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	234788	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	177635	48.51	ug/l	0.00
Spiked Amount			Recovery	=	97.02%	
35) Dibromofluoromethane	5.47	113	138856	46.58	ug/l	0.00
Spiked Amount			Recovery	=	93.16%	
50) Toluene-d8	8.70	98	572683	49.86	ug/l	0.00
Spiked Amount			Recovery	=	99.72%	
62) 4-Bromofluorobenzene	11.12	95	229086	52.44	ug/l	0.00
Spiked Amount			Recovery	=	104.88%	

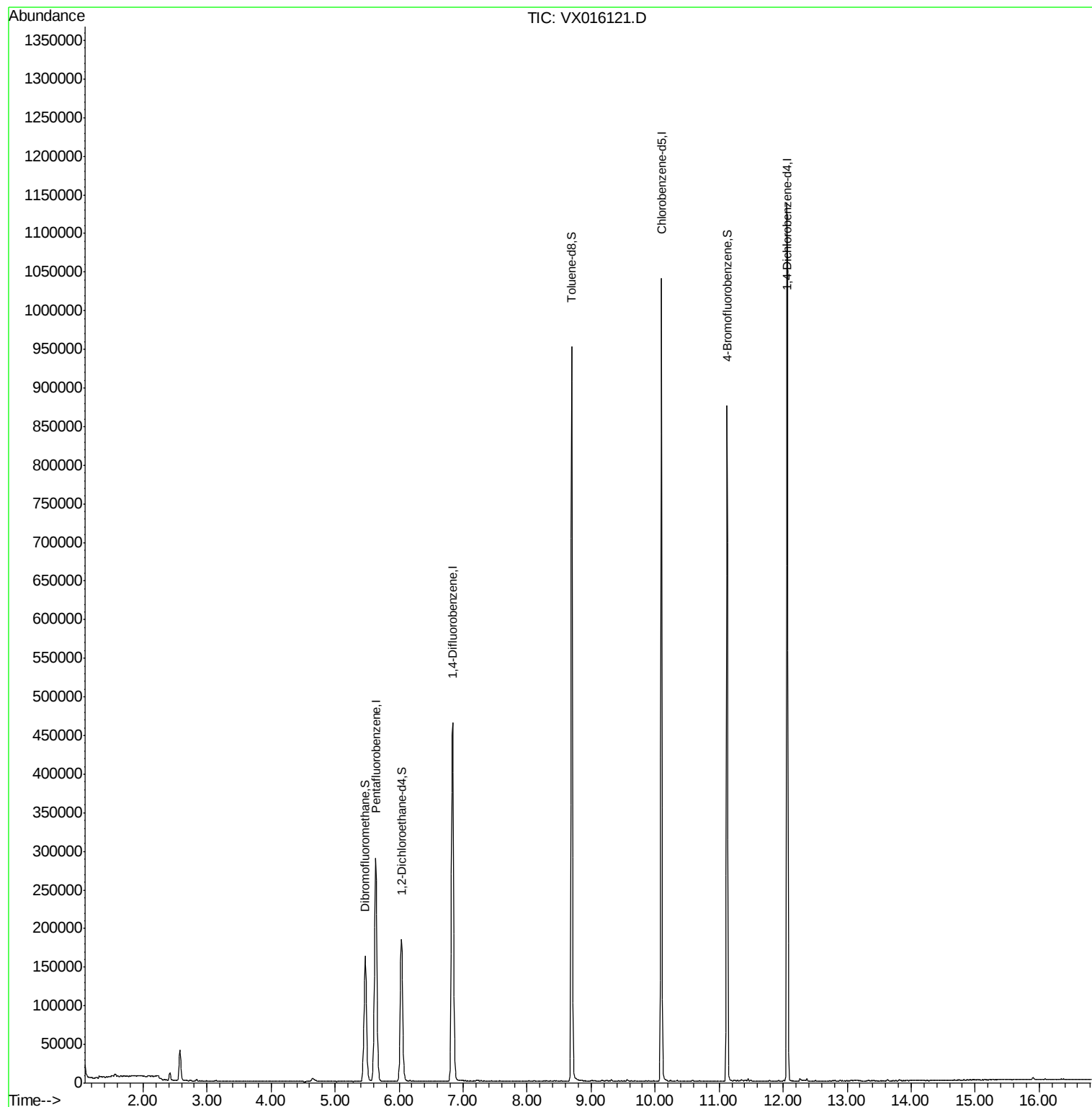
Target Compounds	Qvalue
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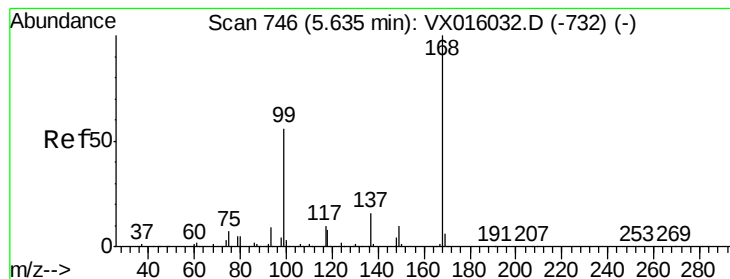
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016121.D

Acq: 08 May 2020 15:18

Instrument :

MSVOA_X

ClientSampleId :

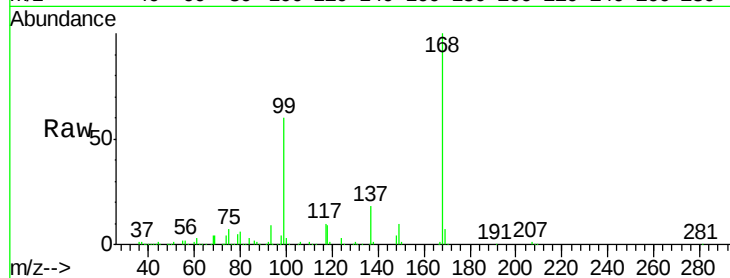
STORAGE-BLANK-SOIL-REF-5

Tot Ion:168 Resp: 278287

Ion Ratio Lower Upper

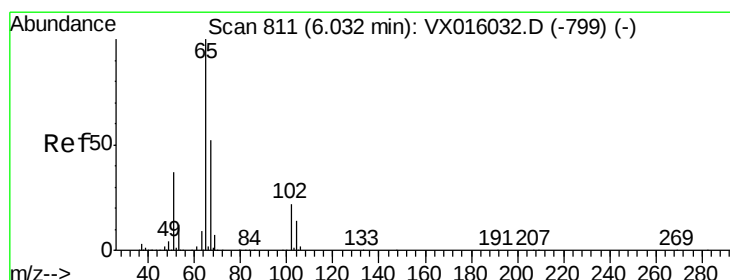
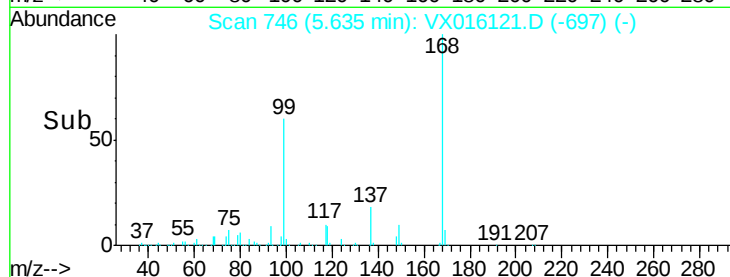
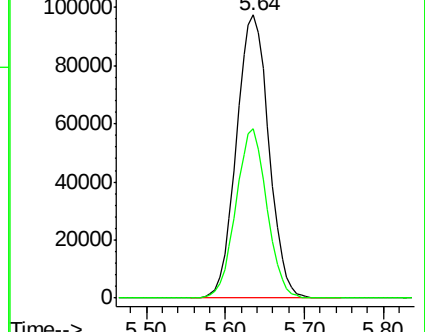
168 100

99 59.8 45.0 67.4



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: 48.508 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016121.D

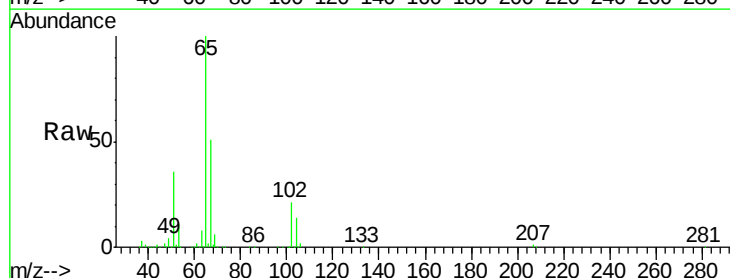
Acq: 08 May 2020 15:18

Tgt Ion: 65 Resp: 177635

Ion Ratio Lower Upper

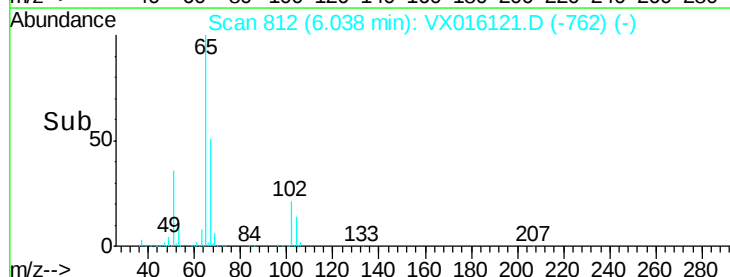
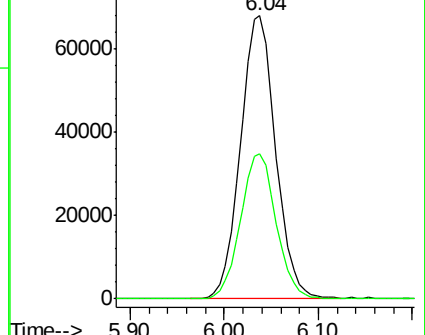
65 100

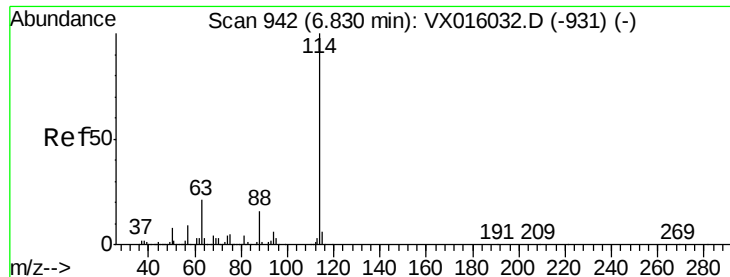
67 52.1 0.0 104.8



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: VX016121.D

Acq: 08 May 2020 15:18

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-5

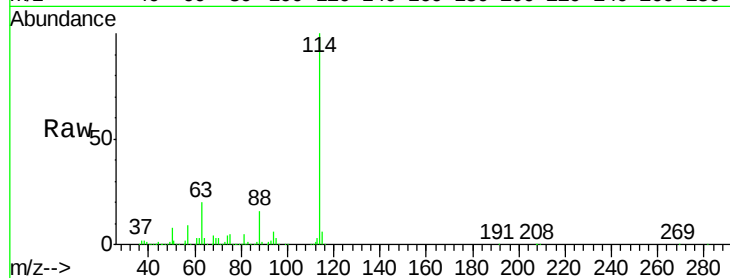
Tot Ion:114 Resp: 470489

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.8

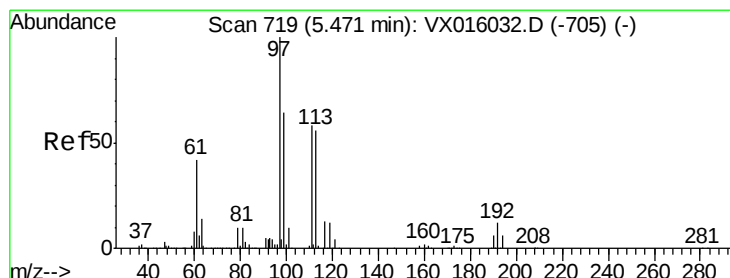
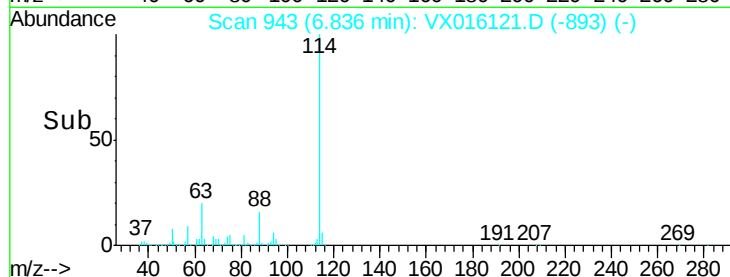
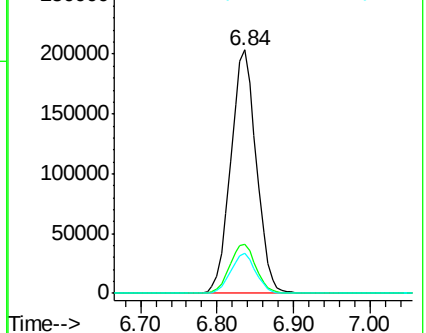
88 16.4 0.0 31.4



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: 46.584 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016121.D

Acq: 08 May 2020 15:18

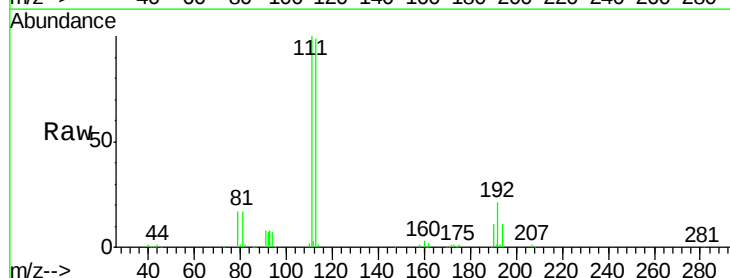
Tgt Ion:113 Resp: 138856

Ion Ratio Lower Upper

113 100

111 101.9 81.6 122.4

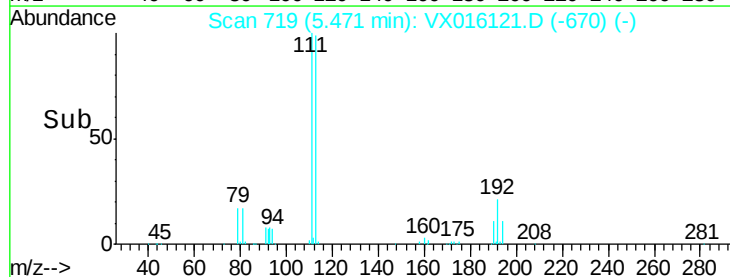
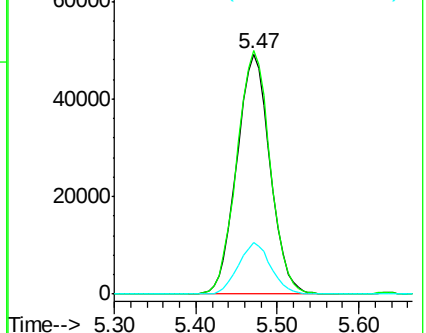
192 21.1 17.0 25.4

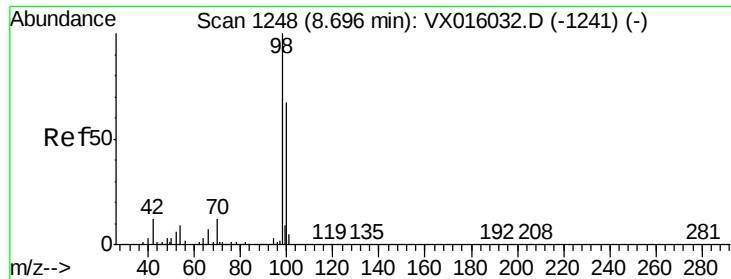


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.863 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016121.D

Acq: 08 May 2020 15:18

Instrument :

MSVOA_X

ClientSampleId :

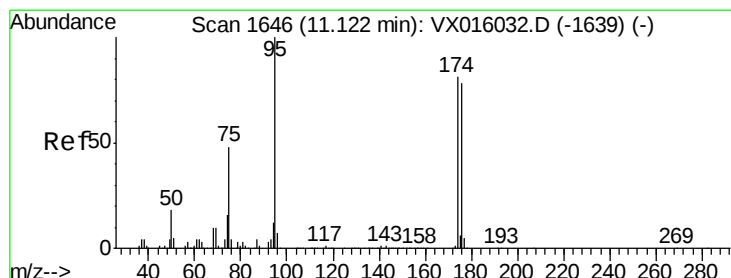
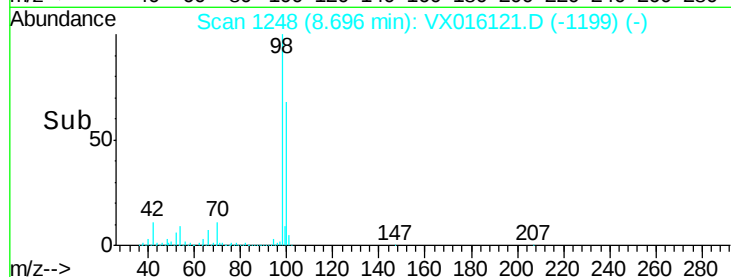
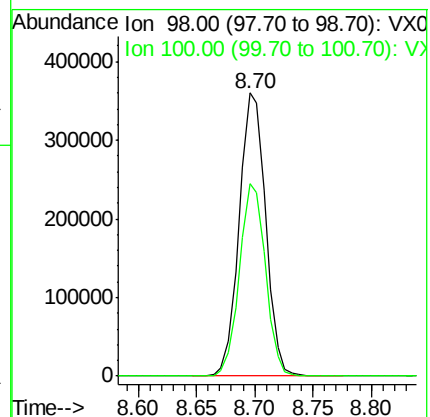
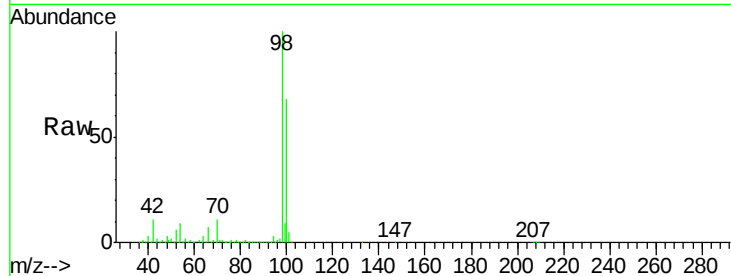
STORAGE-BLANK-SOIL-REF-5

Tot Ion: 98 Resp: 572683

Ion Ratio Lower Upper

98 100

100 67.1 53.7 80.5



#62

4-Bromofluorobenzene

Concen: 52.442 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016121.D

Acq: 08 May 2020 15:18

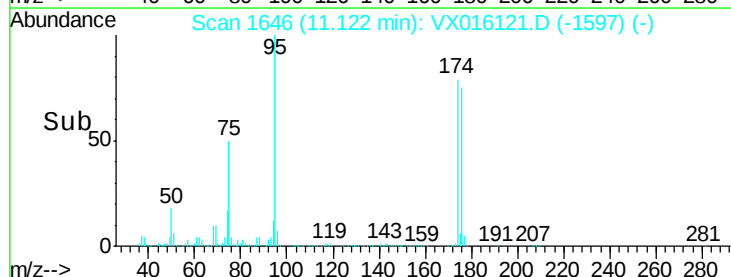
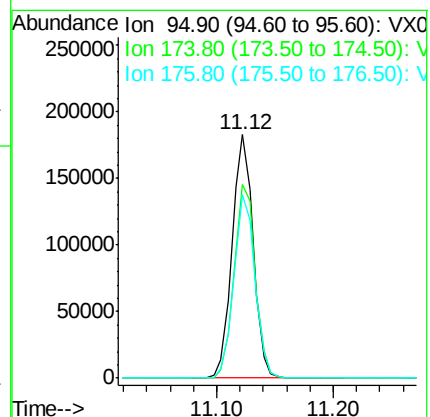
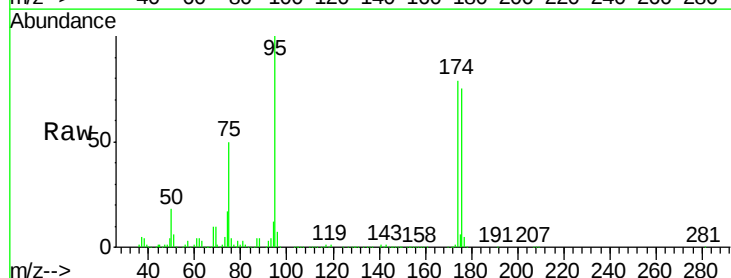
Tgt Ion: 95 Resp: 229086

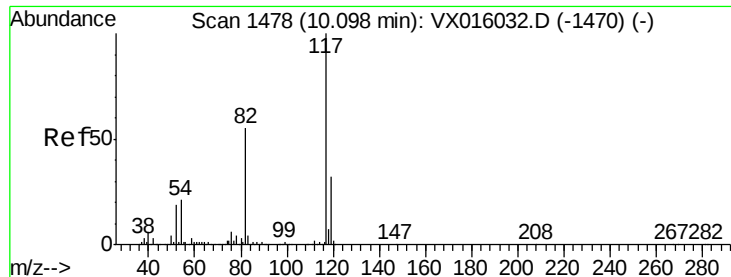
Ion Ratio Lower Upper

95 100

174 80.6 0.0 159.4

176 76.1 0.0 157.6

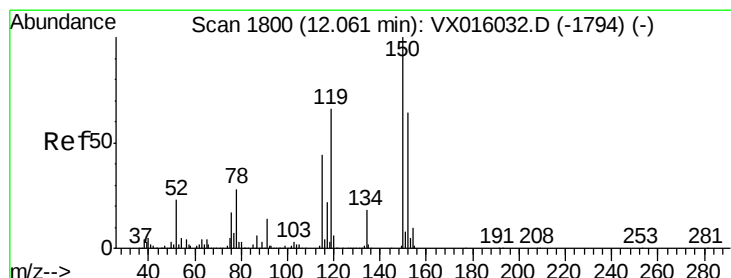
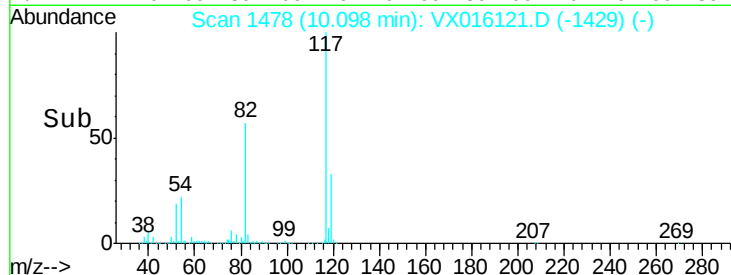
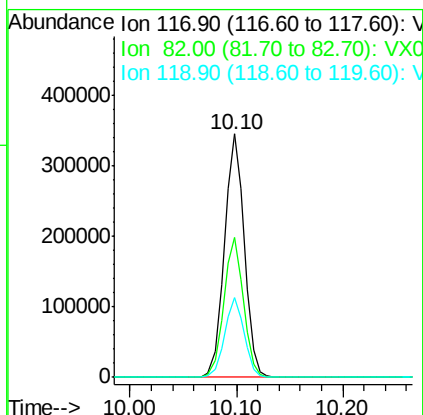
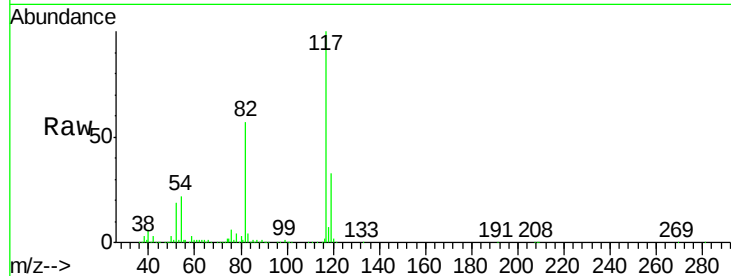




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016121.D
Acq: 08 May 2020 15:18

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

Tot Ion:117 Resp: 452876
Ion Ratio Lower Upper
117 100
82 57.5 44.4 66.6
119 32.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX016121.D
Acq: 08 May 2020 15:18

Tgt Ion:152 Resp: 234788
Ion Ratio Lower Upper
152 100
115 59.2 41.3 124.1
150 156.8 0.0 352.2

