

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050120\
 Data File : VX016012.D
 Acq On : 01 May 2020 15:31
 Operator : JC/SP
 Sample : L2470-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: May 02 07:41:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 17:30:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	280719	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	460672	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	437182	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	226041	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	181078	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
35) Dibromofluoromethane	5.47	113	135590	47.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.36%	
50) Toluene-d8	8.70	98	557550	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	
62) 4-Bromofluorobenzene	11.12	95	222762	52.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.72%	

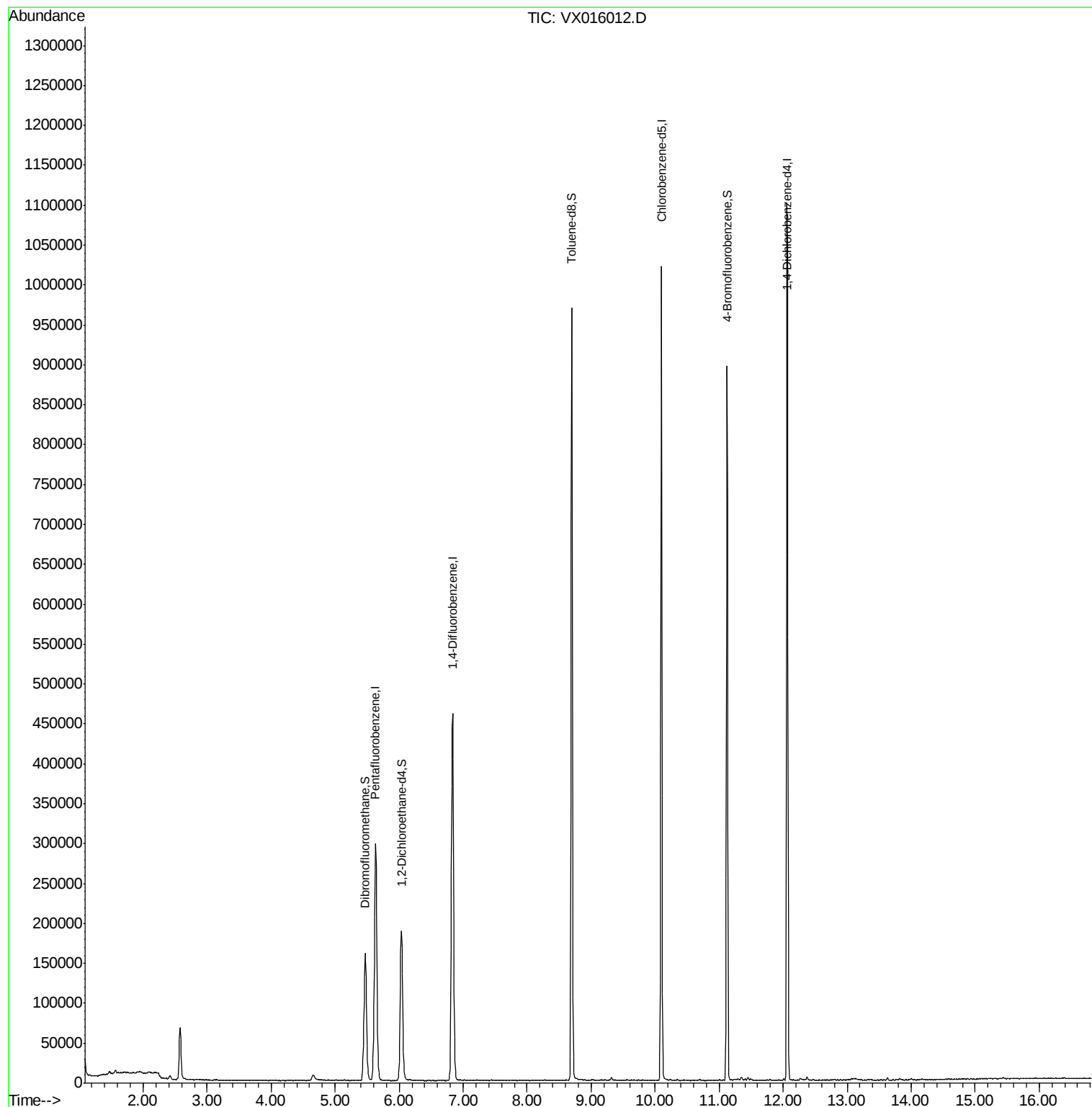
Target Compounds	Qvalue

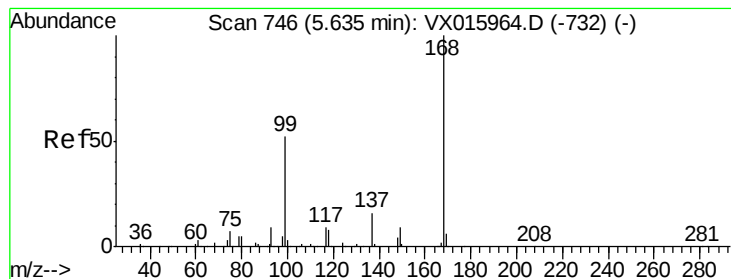
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX016012.D

Acq: 01 May 2020 15:31

Instrument :

MSVOA_X

ClientSampleId :

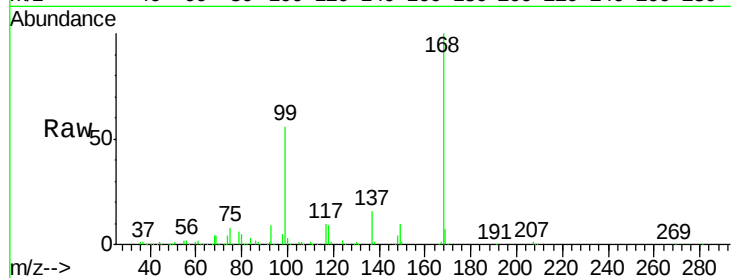
STORAGE-BLANK-SOIL-REF-4

Tot Ion:168 Resp: 280719

Ion Ratio Lower Upper

168 100

99 55.5 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

100000

80000

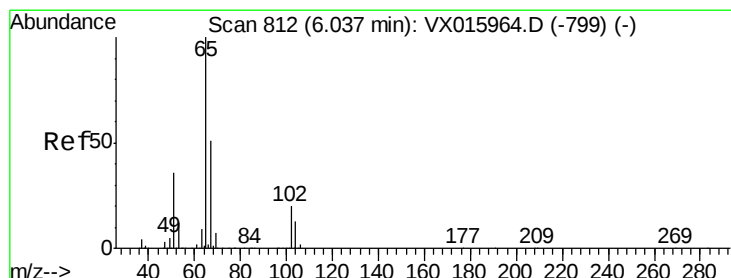
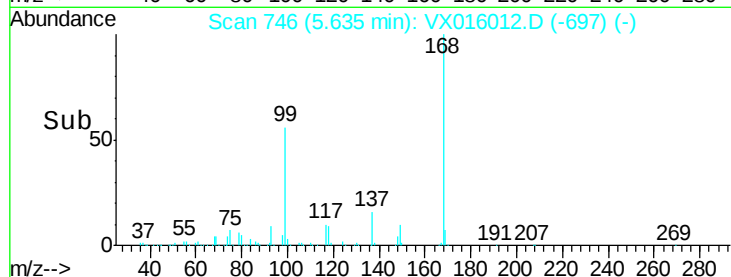
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.336 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.00 min

Lab File: VX016012.D

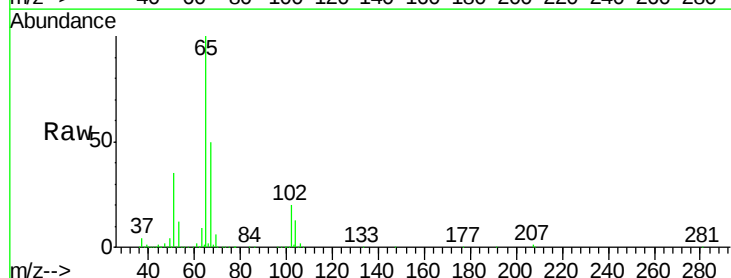
Acq: 01 May 2020 15:31

Tgt Ion: 65 Resp: 181078

Ion Ratio Lower Upper

65 100

67 51.4 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

80000

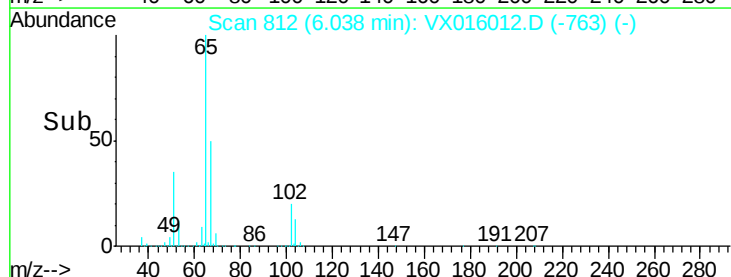
60000

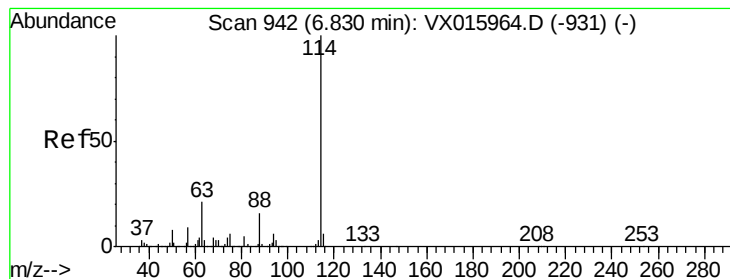
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016012.D

Acq: 01 May 2020 15:31

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-4

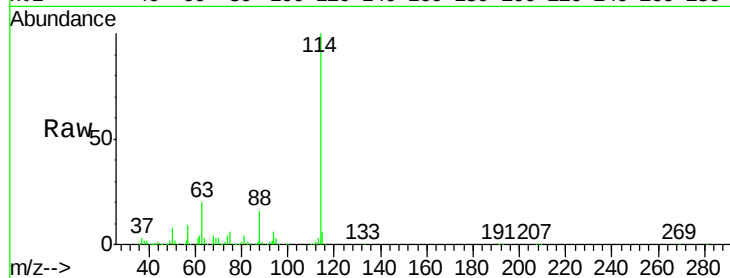
Tot Ion:114 Resp: 460672

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.2

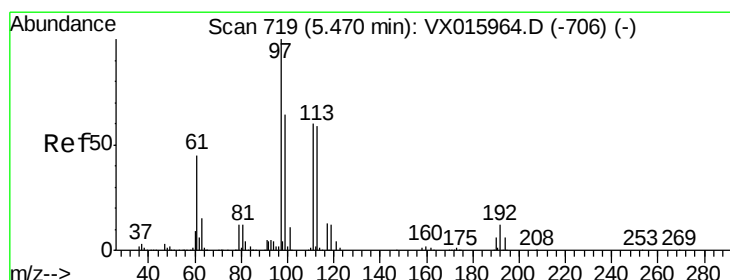
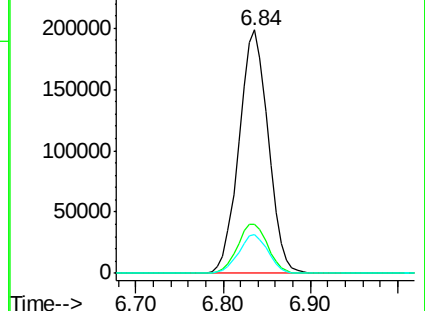
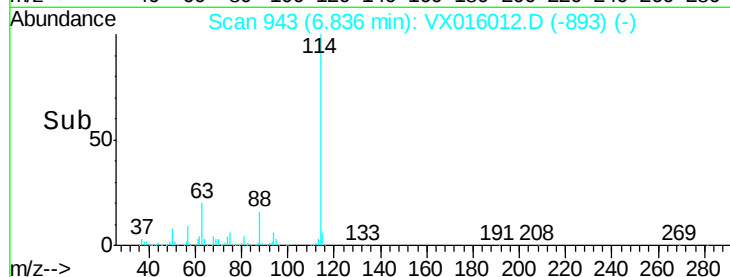
88 16.2 0.0 31.8



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: 47.183 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX016012.D

Acq: 01 May 2020 15:31

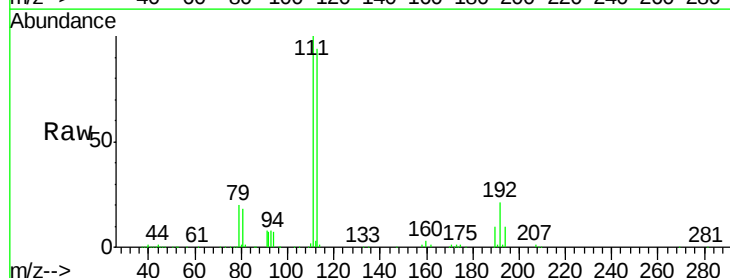
Tgt Ion:113 Resp: 135590

Ion Ratio Lower Upper

113 100

111 102.3 81.8 122.8

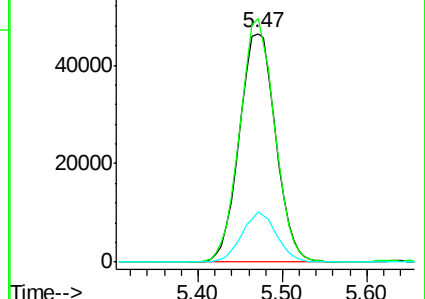
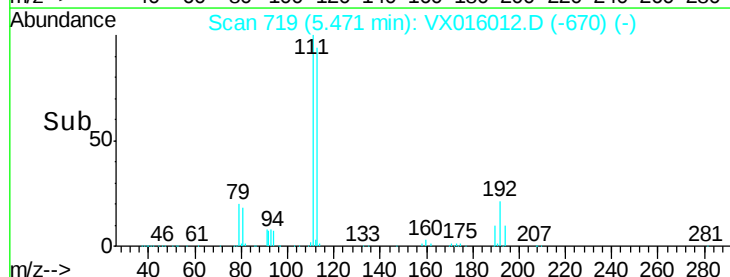
192 20.9 16.8 25.2

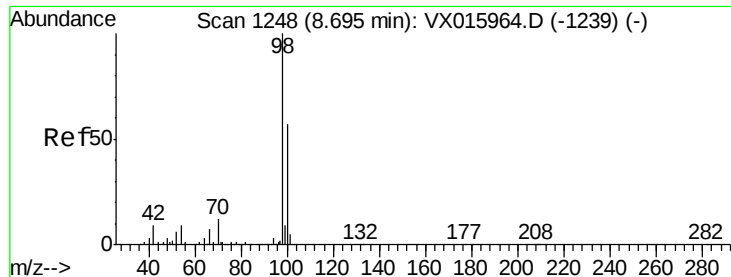


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.892 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016012.D

Acq: 01 May 2020 15:31

Instrument :

MSVOA_X

ClientSampleId :

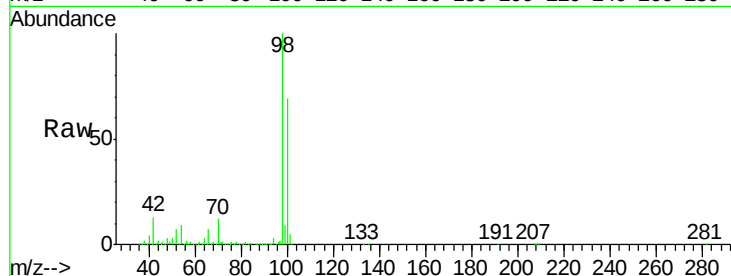
STORAGE-BLANK-SOIL-REF-4

Tot Ion: 98 Resp: 557550

Ion Ratio Lower Upper

98 100

100 67.1 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.70

400000

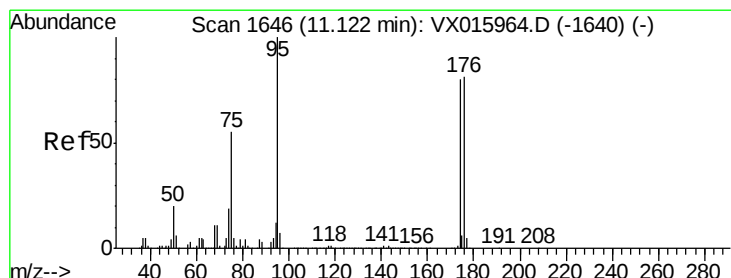
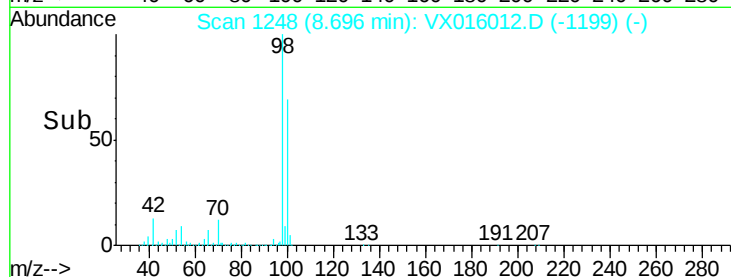
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 52.861 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016012.D

Acq: 01 May 2020 15:31

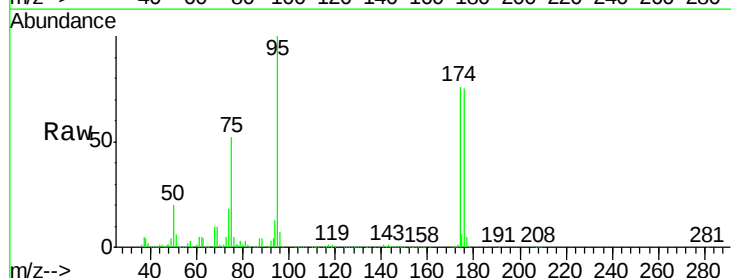
Tgt Ion: 95 Resp: 222762

Ion Ratio Lower Upper

95 100

174 80.3 0.0 165.0

176 79.2 0.0 163.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

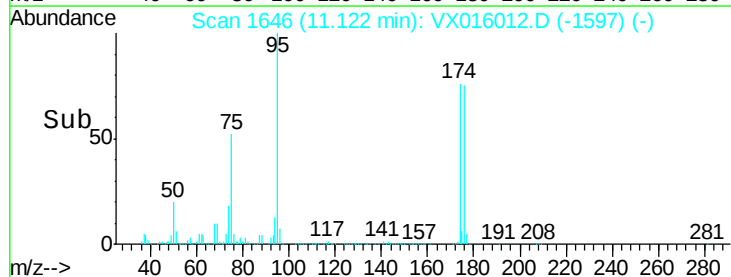
150000

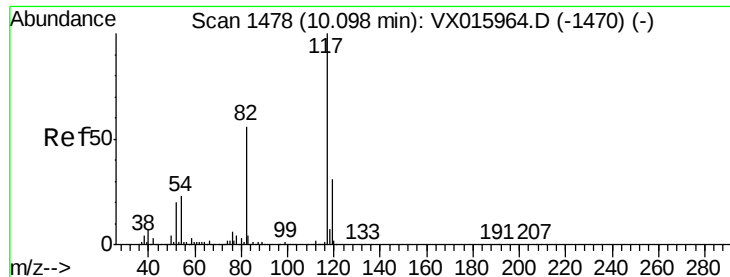
100000

50000

0

Time-->

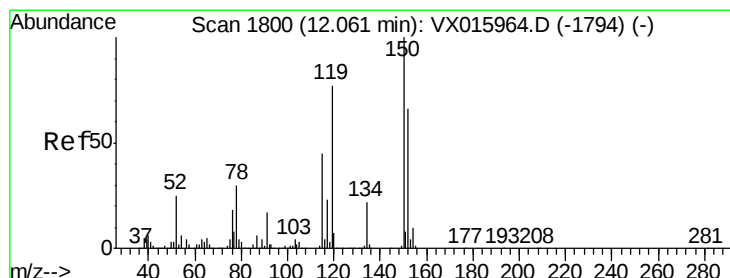
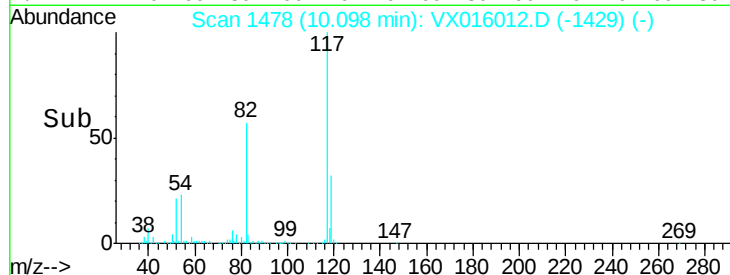
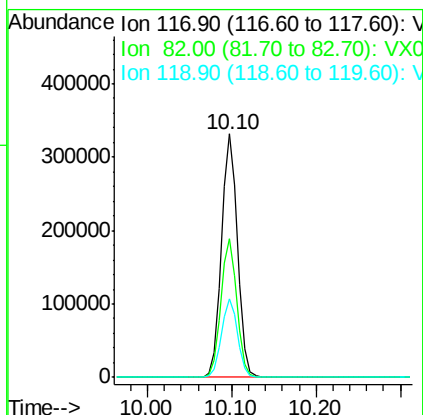
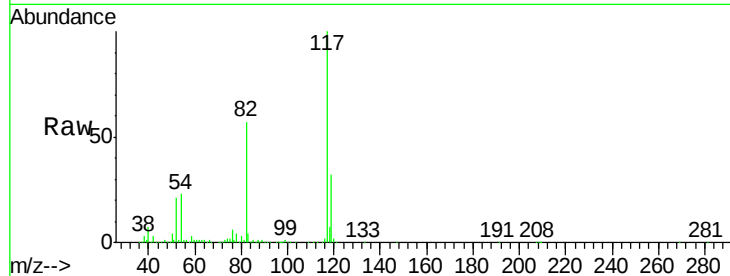




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016012.D
Acq: 01 May 2020 15:31

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

Tot Ion:117 Resp: 437182
Ion Ratio Lower Upper
117 100
82 56.8 44.5 66.7
119 32.4 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX016012.D
Acq: 01 May 2020 15:31

Tgt Ion:152 Resp: 226041
Ion Ratio Lower Upper
152 100
115 58.5 40.9 122.7
150 156.0 0.0 342.4

