

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110119\
 Data File : VX013305.D
 Acq On : 01 Nov 2019 12:47
 Operator : JC/SP
 Sample : K5655-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Nov 04 01:03:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	718331	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1080704	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	948117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	431734	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	401967	47.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.46%	
35) Dibromofluoromethane	5.48	113	320827	47.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.66%	
50) Toluene-d8	8.71	98	1278808	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
62) 4-Bromofluorobenzene	11.13	95	415991	45.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.22%	

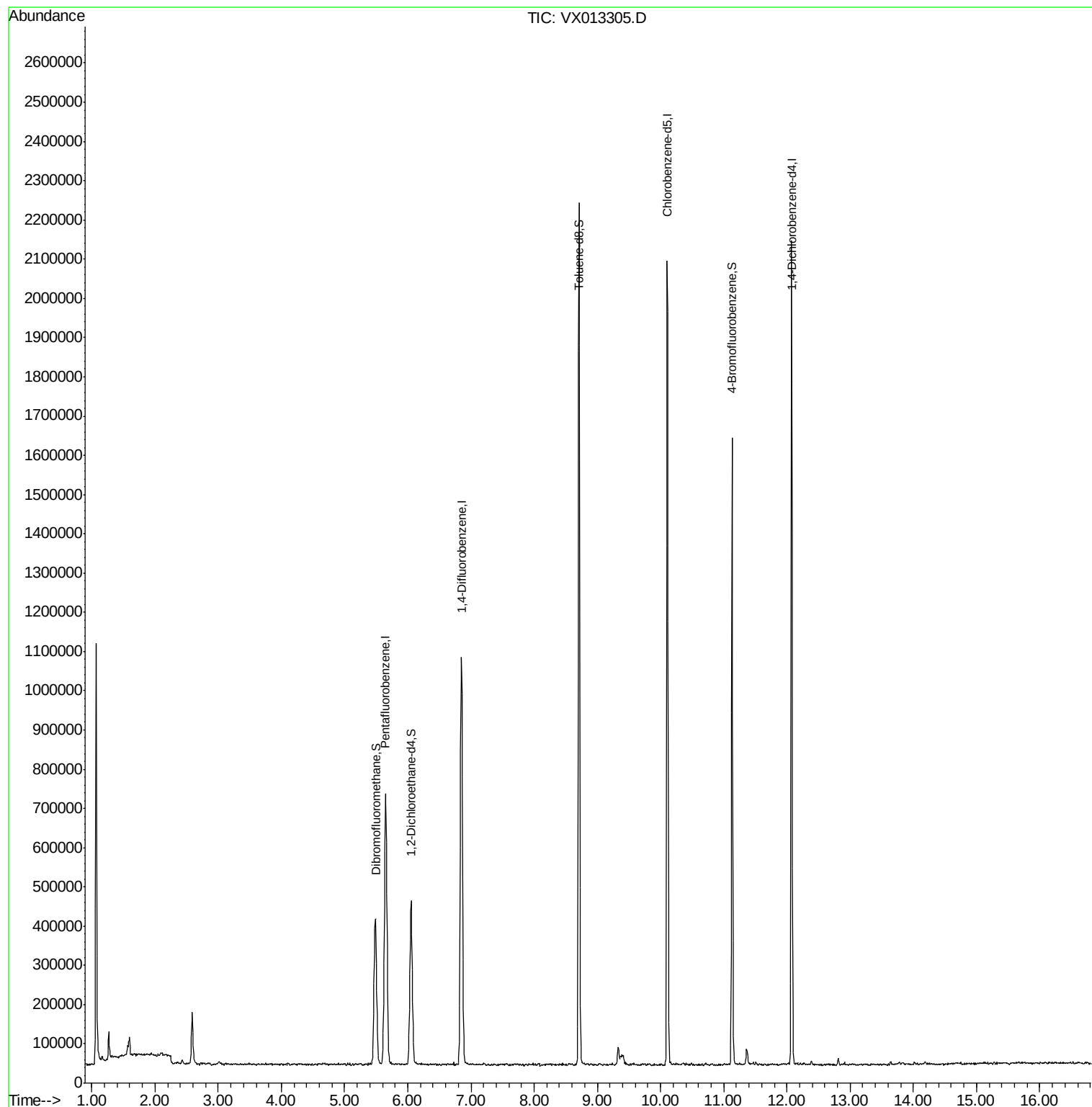
Target Compounds	Qvalue

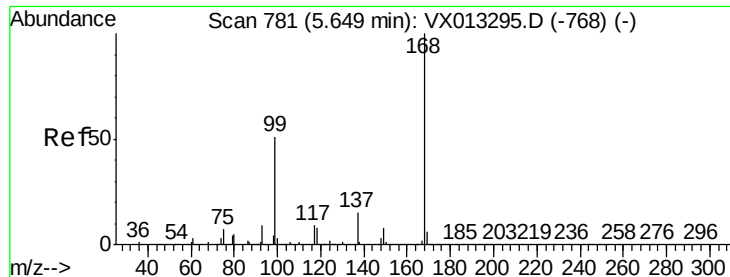
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013305.D

Acq: 01 Nov 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

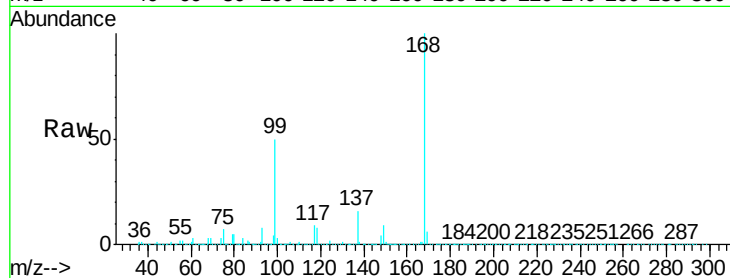
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 168 Resp: 718331

Ion Ratio Lower Upper

168 100

99 49.9 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

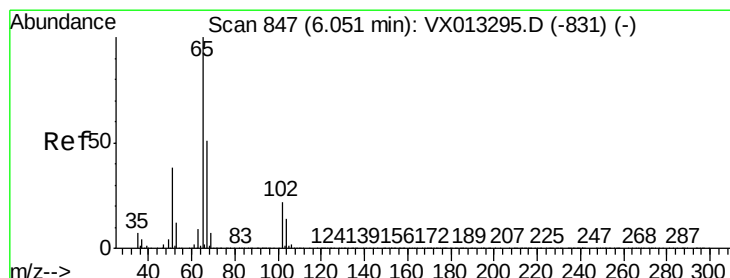
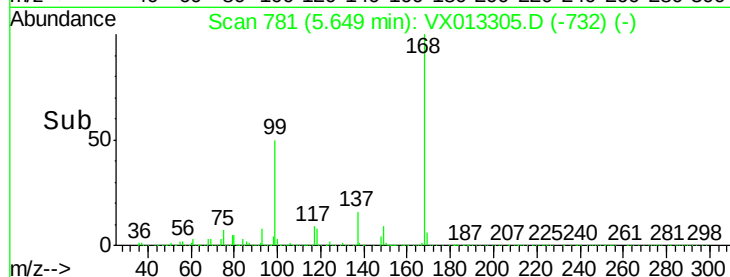
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.234 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013305.D

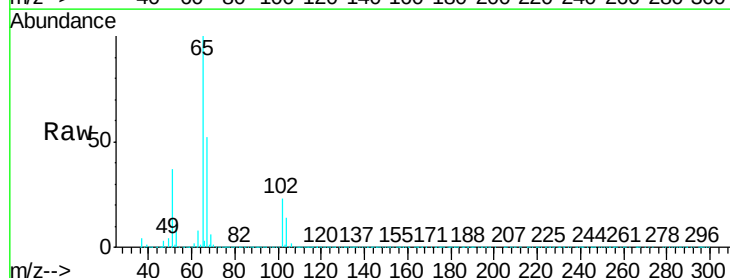
Acq: 01 Nov 2019 12:47

Tgt Ion: 65 Resp: 401967

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

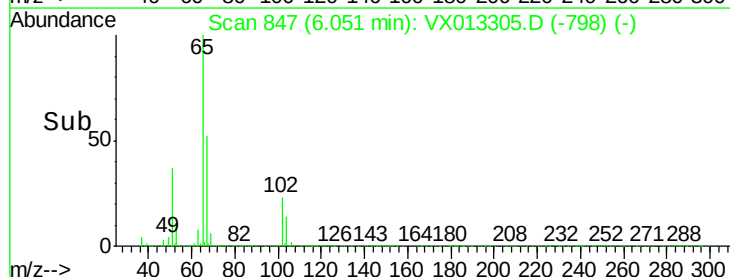
150000

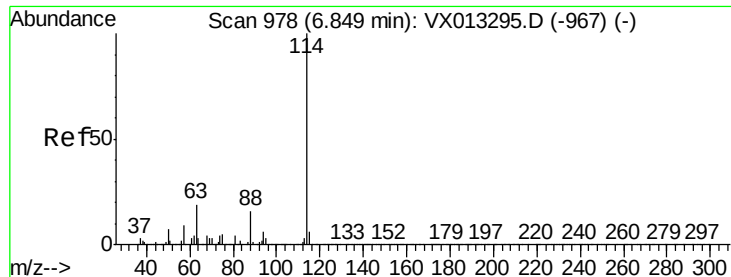
100000

50000

0

Time-->

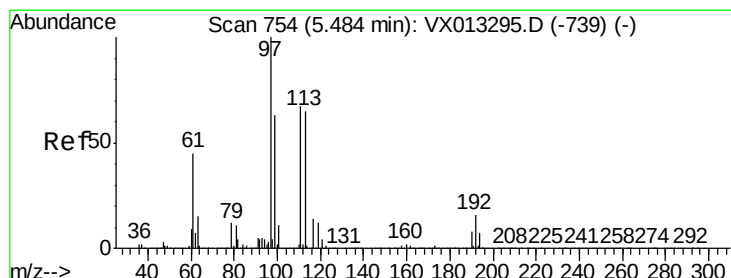
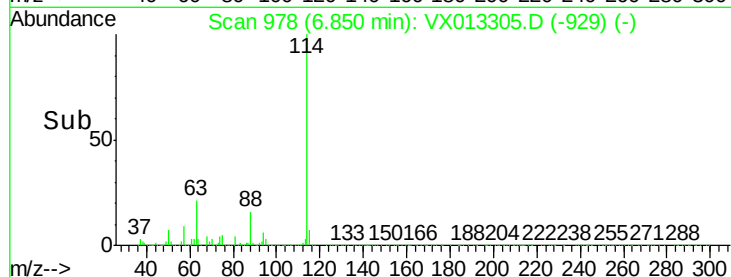
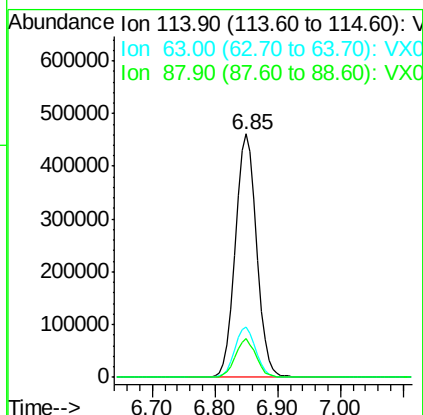
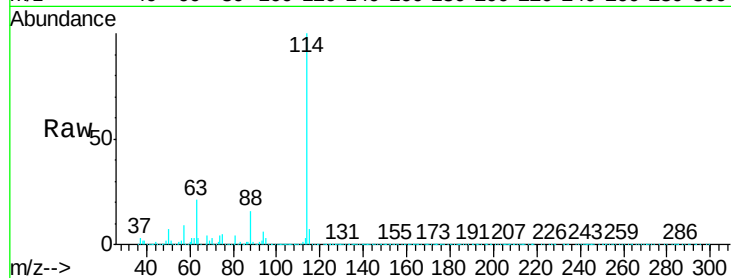




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX013305.D
Acq: 01 Nov 2019 12:47

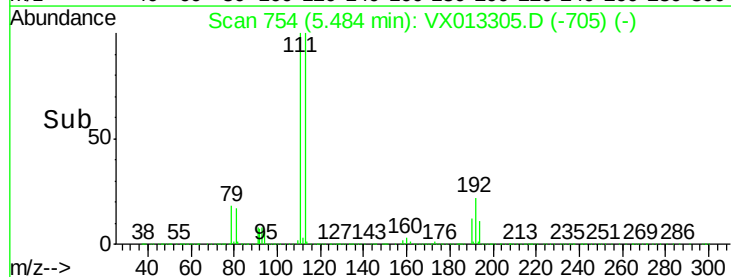
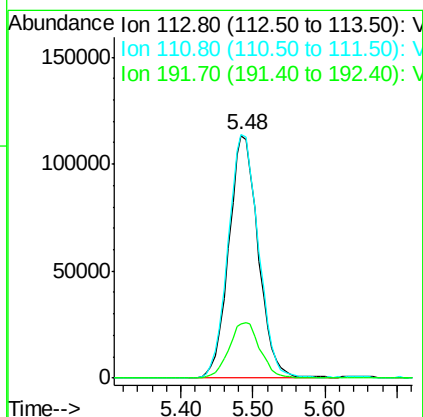
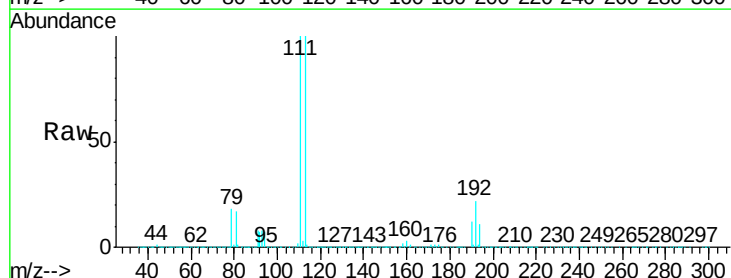
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

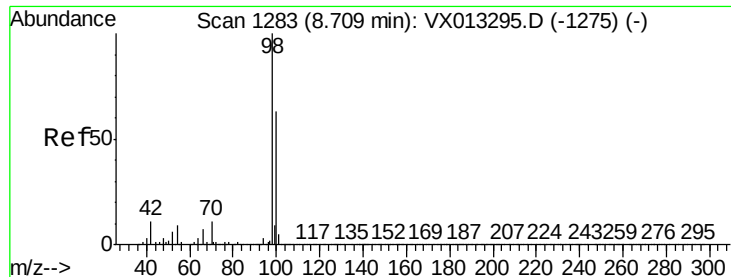
Tgt Ion:114 Resp: 1080704
Ion Ratio Lower Upper
114 100
63 20.6 0.0 38.4
88 15.8 0.0 32.2



#35
Dibromofluoromethane
Concen: 47.331 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013305.D
Acq: 01 Nov 2019 12:47

Tgt Ion:113 Resp: 320827
Ion Ratio Lower Upper
113 100
111 103.2 81.9 122.9
192 23.7 19.1 28.7





#50

Toluene-d8

Concen: 50.044 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013305.D

Acq: 01 Nov 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

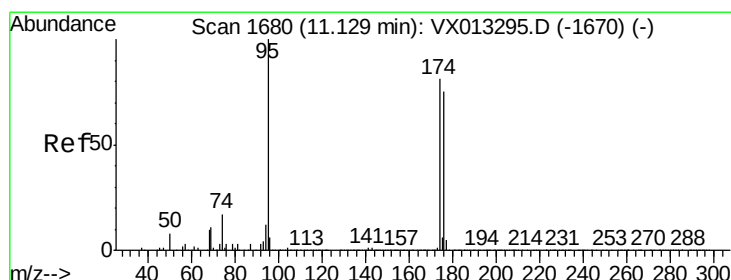
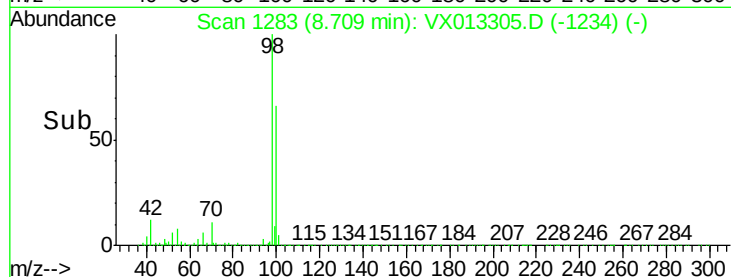
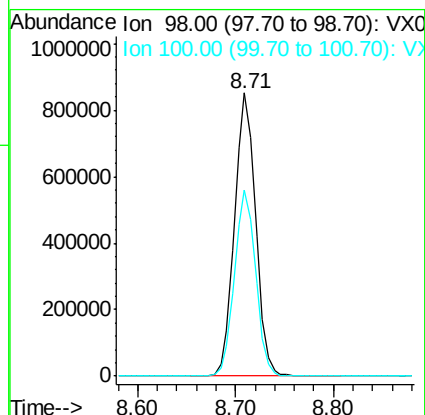
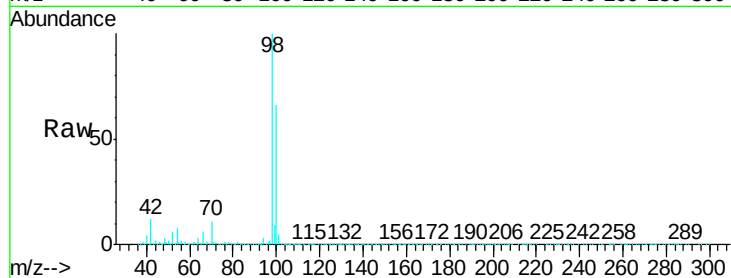
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 98 Resp: 1278808

Ion Ratio Lower Upper

98 100

100 65.8 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 45.106 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX013305.D

Acq: 01 Nov 2019 12:47

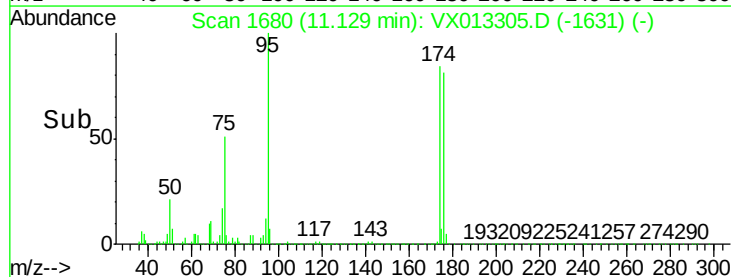
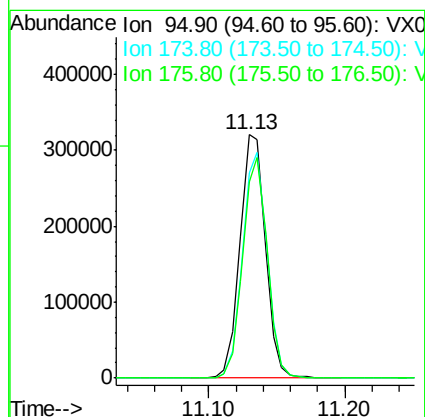
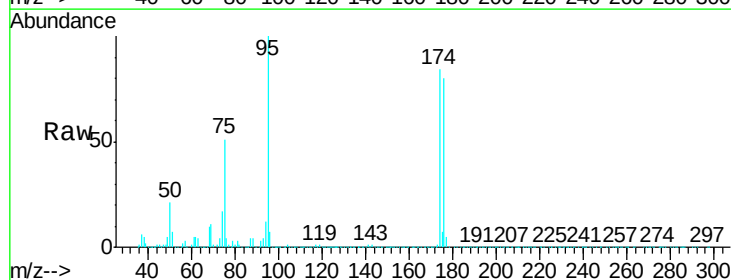
Tgt Ion: 95 Resp: 415991

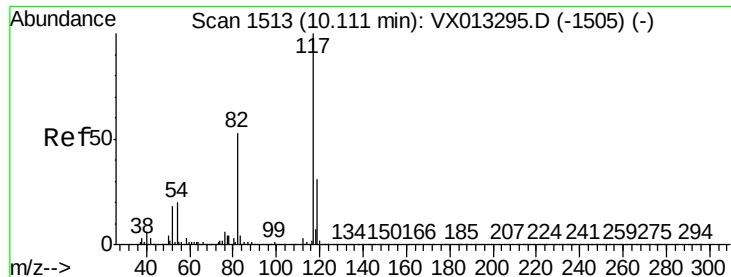
Ion Ratio Lower Upper

95 100

174 90.8 0.0 179.8

176 88.3 0.0 173.0

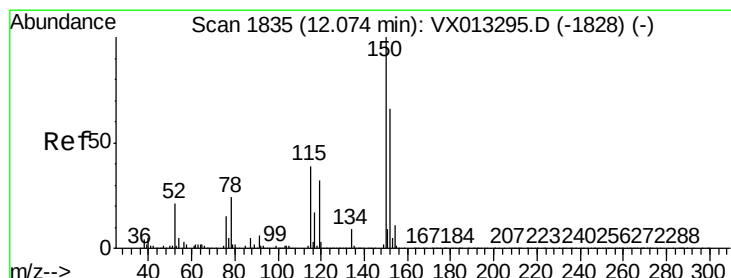
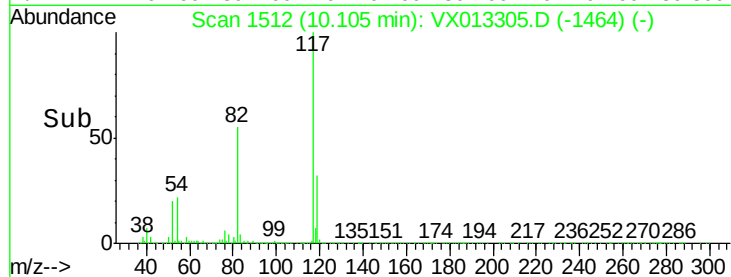
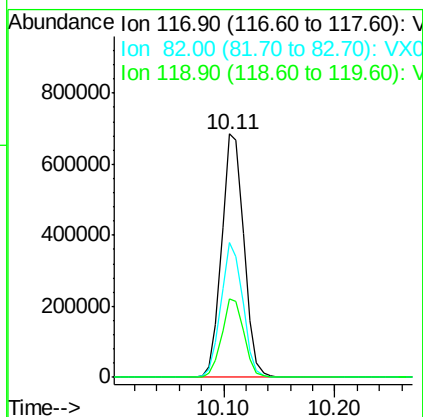
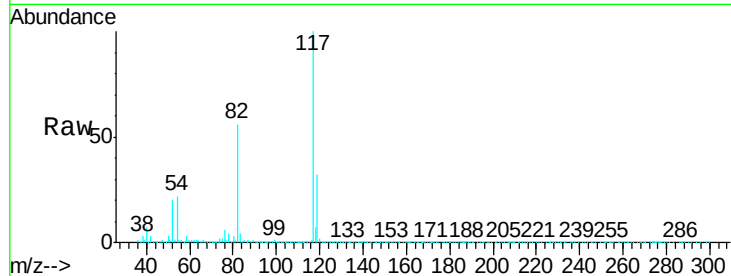




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013305.D
Acq: 01 Nov 2019 12:47

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

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.5	42.6	64.0
119	32.1	24.8	37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013305.D
Acq: 01 Nov 2019 12:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.4	39.5	118.3
150	155.3	0.0	344.4

