

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121319\
 Data File : VX014017.D
 Acq On : 13 Dec 2019 20:31
 Operator : JC/SP
 Sample : K6182-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Dec 14 02:45:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 17:10:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	600532	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	906985	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	804370	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	328609	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	322037	47.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.64%	
35) Dibromofluoromethane	5.49	113	265810	48.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.42%	
50) Toluene-d8	8.71	98	1072475	49.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.92%	
62) 4-Bromofluorobenzene	11.14	95	348620	44.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.86%	

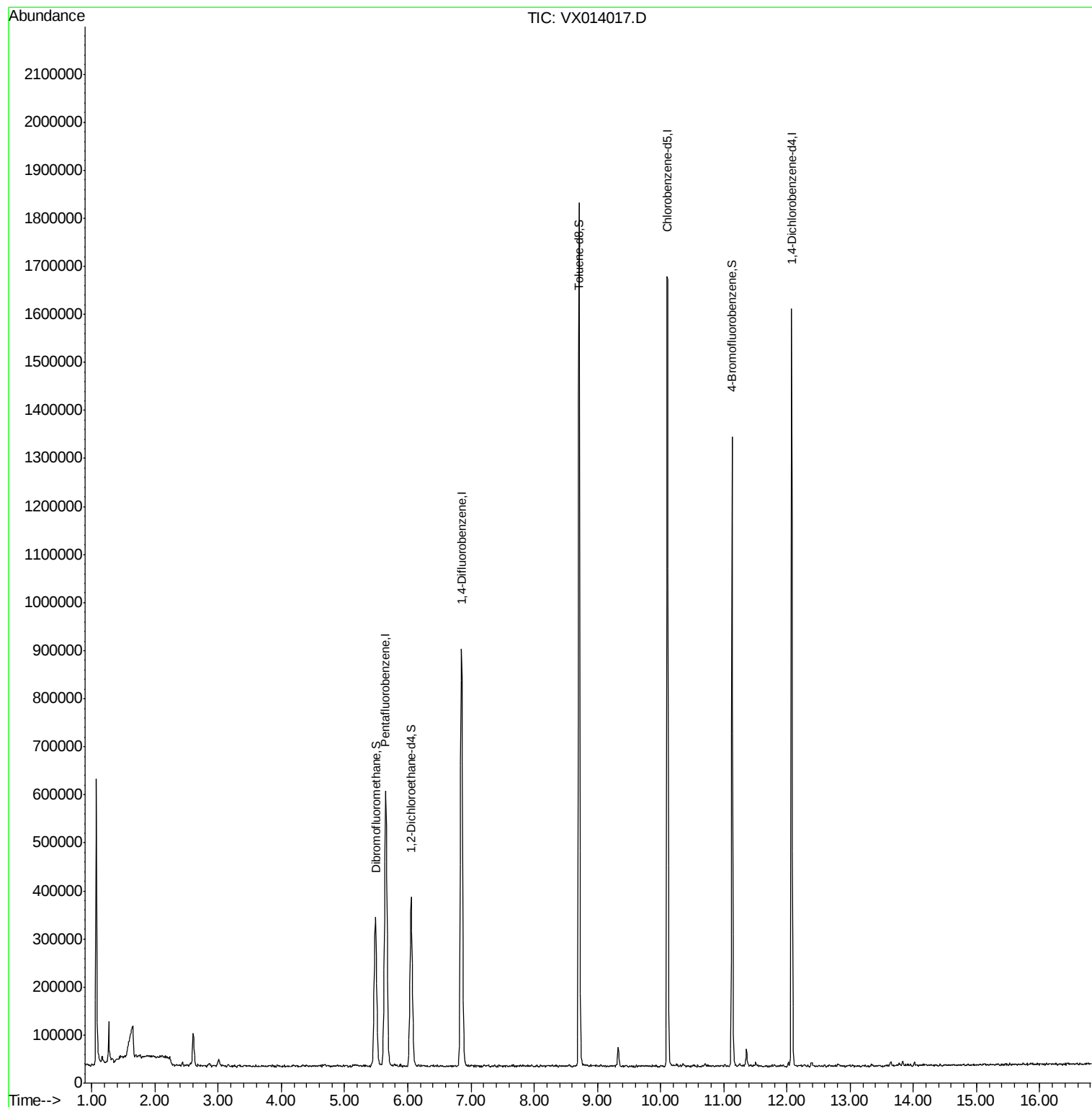
Target Compounds	Qvalue
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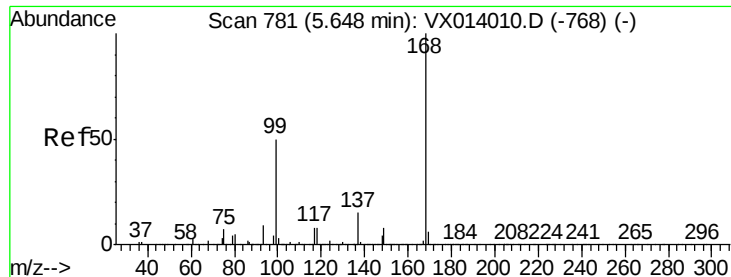
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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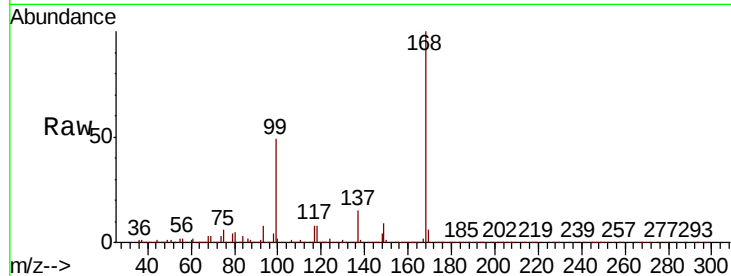


#1

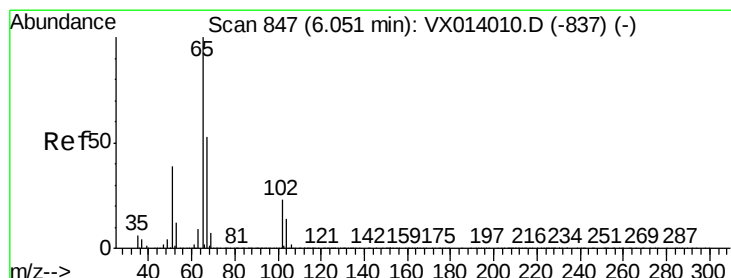
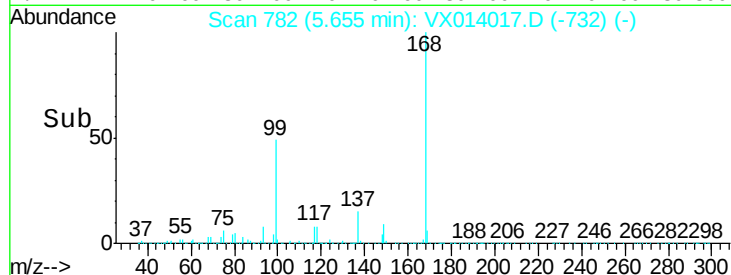
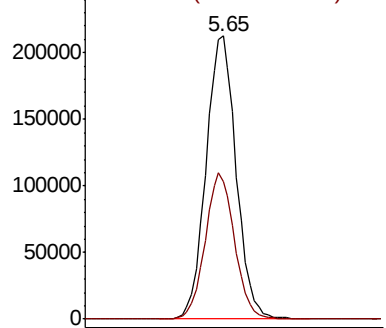
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.01 min
 Lab File: VX014017.D
 Acq: 13 Dec 2019 20:31

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

Tot Ion	Ratio	Lower	Upper
168	100		
99	48.6	40.3	60.5



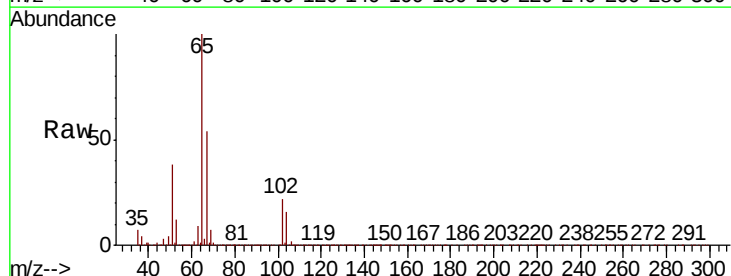
Abundance Ion 167.90 (167.60 to 168.60): V



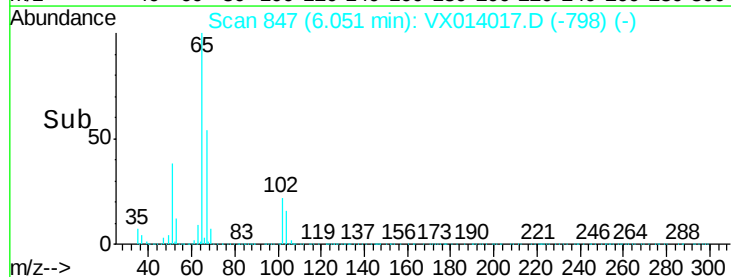
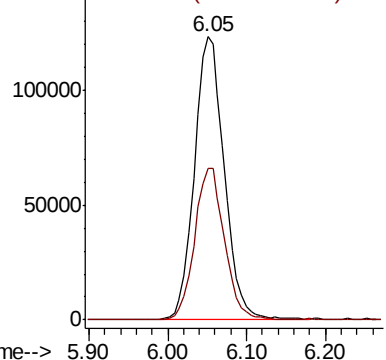
#33

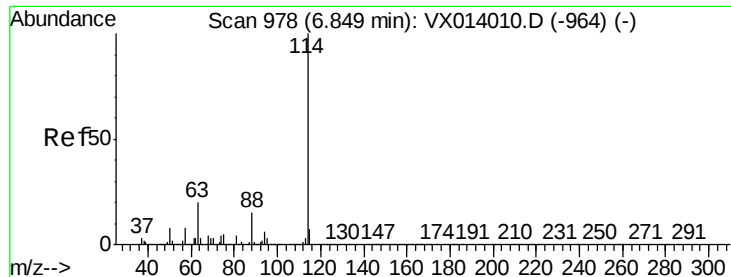
1,2-Dichloroethane-d4
 Concen: 47.315 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014017.D
 Acq: 13 Dec 2019 20:31

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014017.D

Acq: 13 Dec 2019 20:31

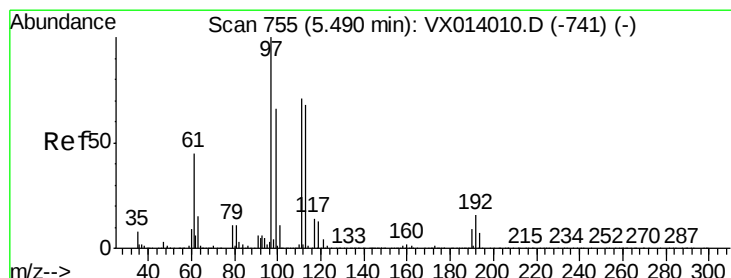
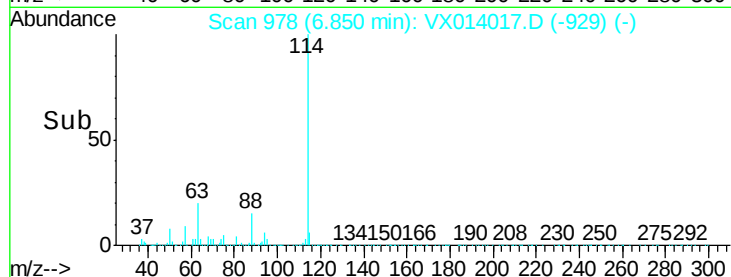
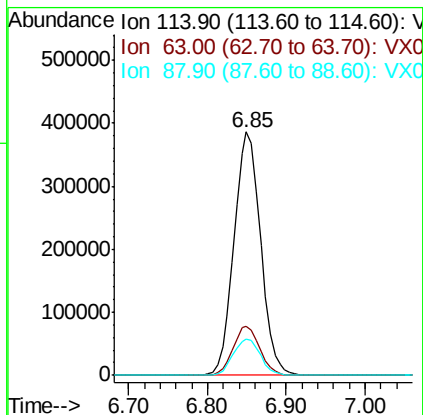
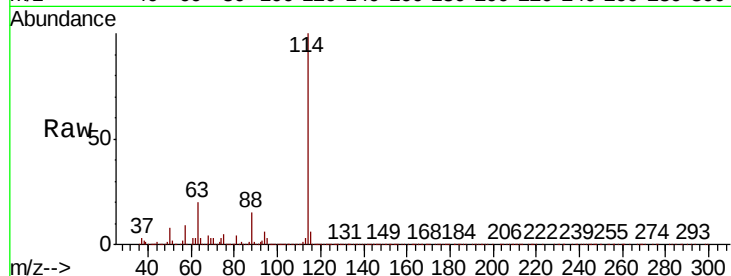
Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

Tot Ion:	114	Resp:	906985
Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	40.8
88	15.1	0.0	30.4



#35

Dibromofluoromethane

Concen: 48.211 ug/l

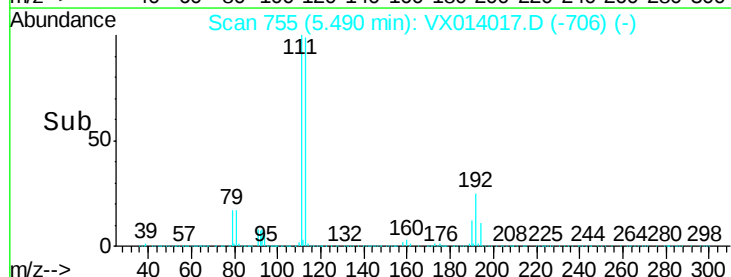
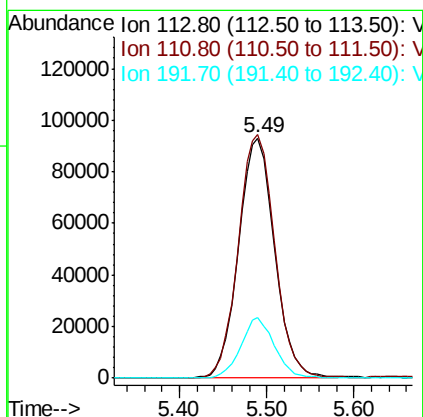
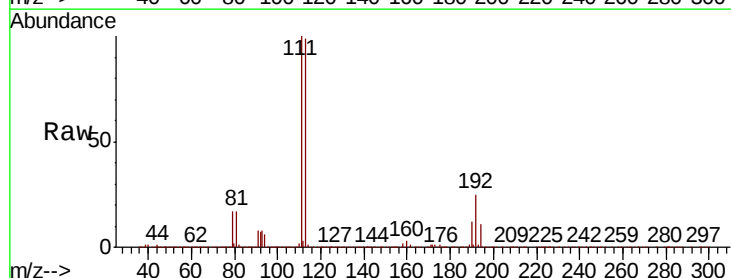
RT: 5.49 min Scan# 755

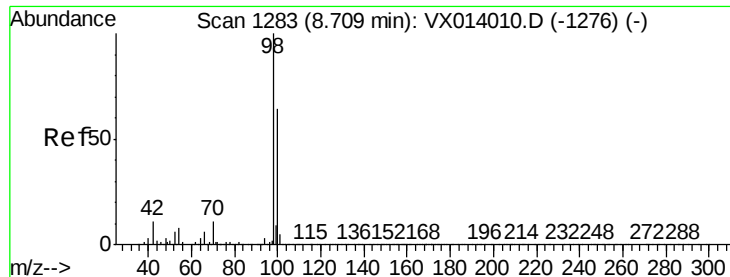
Delta R.T. 0.00 min

Lab File: VX014017.D

Acq: 13 Dec 2019 20:31

Tgt Ion:	113	Resp:	265810
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.0	123.0
192	23.5	19.3	28.9





#50

Toluene-d8

Concen: 49.963 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014017.D

Acq: 13 Dec 2019 20:31

Instrument :

MSVOA_X

ClientSampleId :

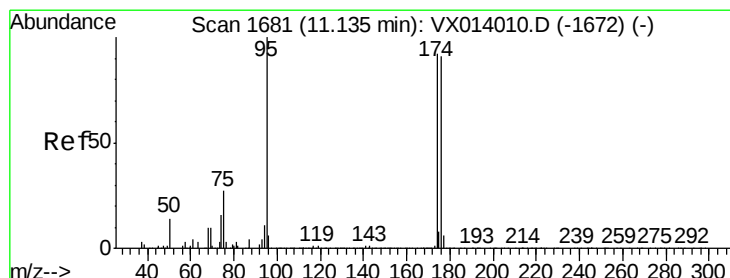
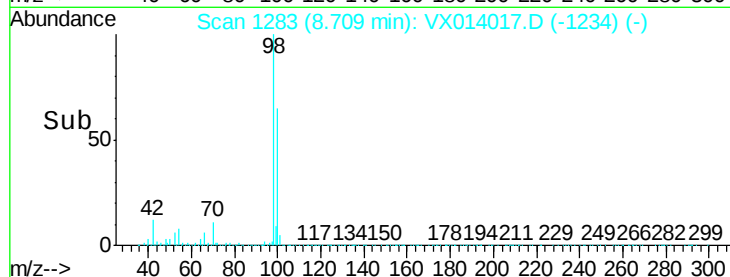
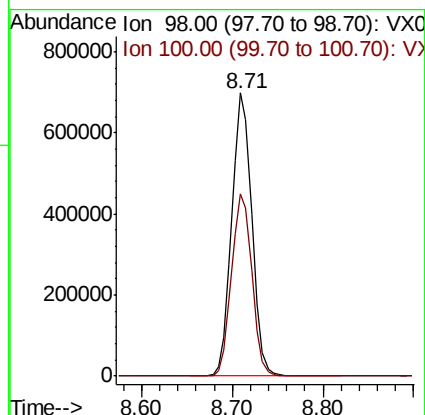
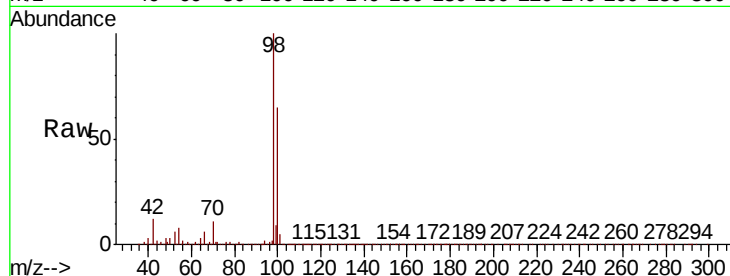
STORAGE-BLANK-SOIL-REF-6

Tot Ion: 98 Resp: 1072475

Ion Ratio Lower Upper

98 100

100 65.4 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 44.430 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX014017.D

Acq: 13 Dec 2019 20:31

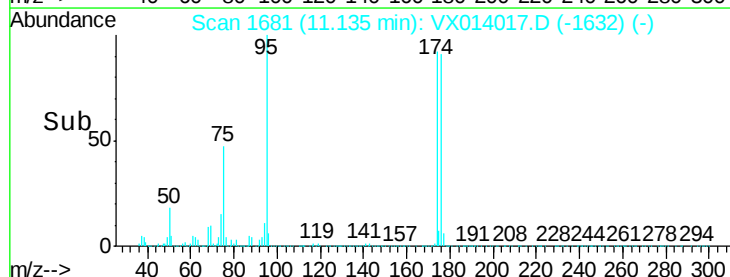
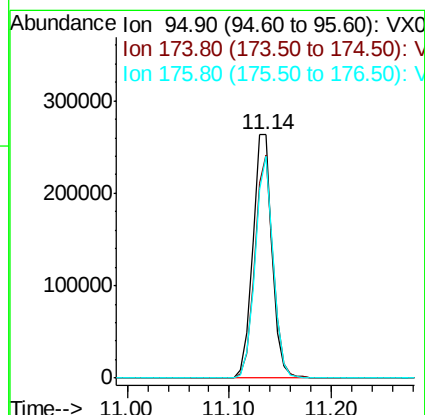
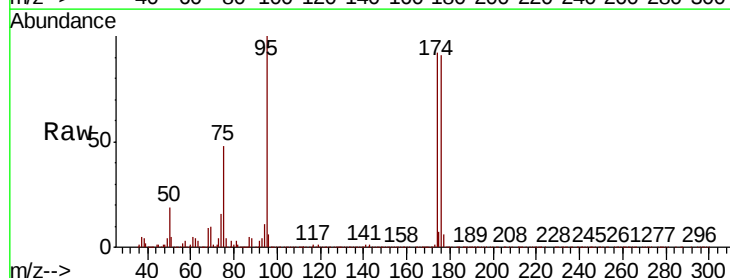
Tgt Ion: 95 Resp: 348620

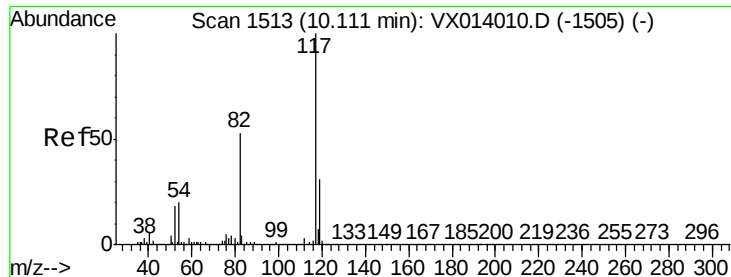
Ion Ratio Lower Upper

95 100

174 87.7 0.0 175.8

176 86.4 0.0 173.0

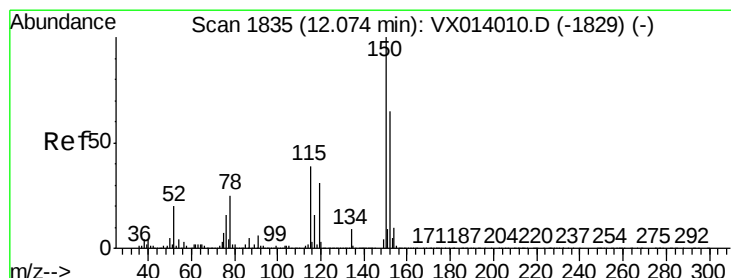
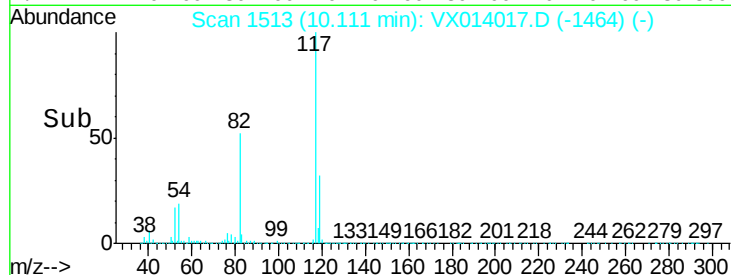
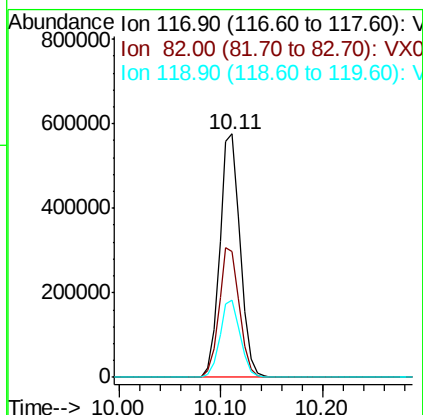
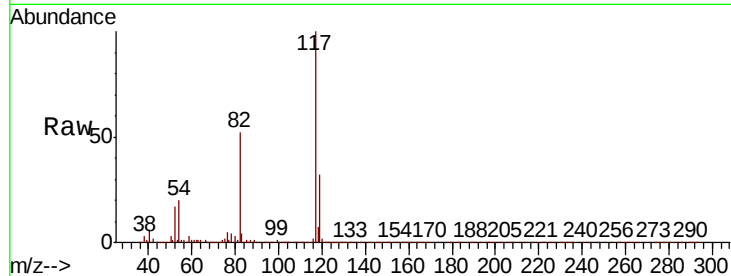




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014017.D
Acq: 13 Dec 2019 20:31

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

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.7	42.2	63.4
119	31.8	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014017.D
Acq: 13 Dec 2019 20:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.2	38.3	114.9
150	155.9	0.0	345.4

