

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112119\
 Data File : VX013494.D
 Acq On : 21 Nov 2019 11:44
 Operator : JC/SP
 Sample : K5957-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-SOIL-111919

Quant Time: Nov 22 01:19:21 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	715216	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1151859	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1025949	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	448180	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	419154	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
35) Dibromofluoromethane	5.48	113	353210	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
50) Toluene-d8	8.71	98	1373536	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	
62) 4-Bromofluorobenzene	11.13	95	449621	45.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.48%	

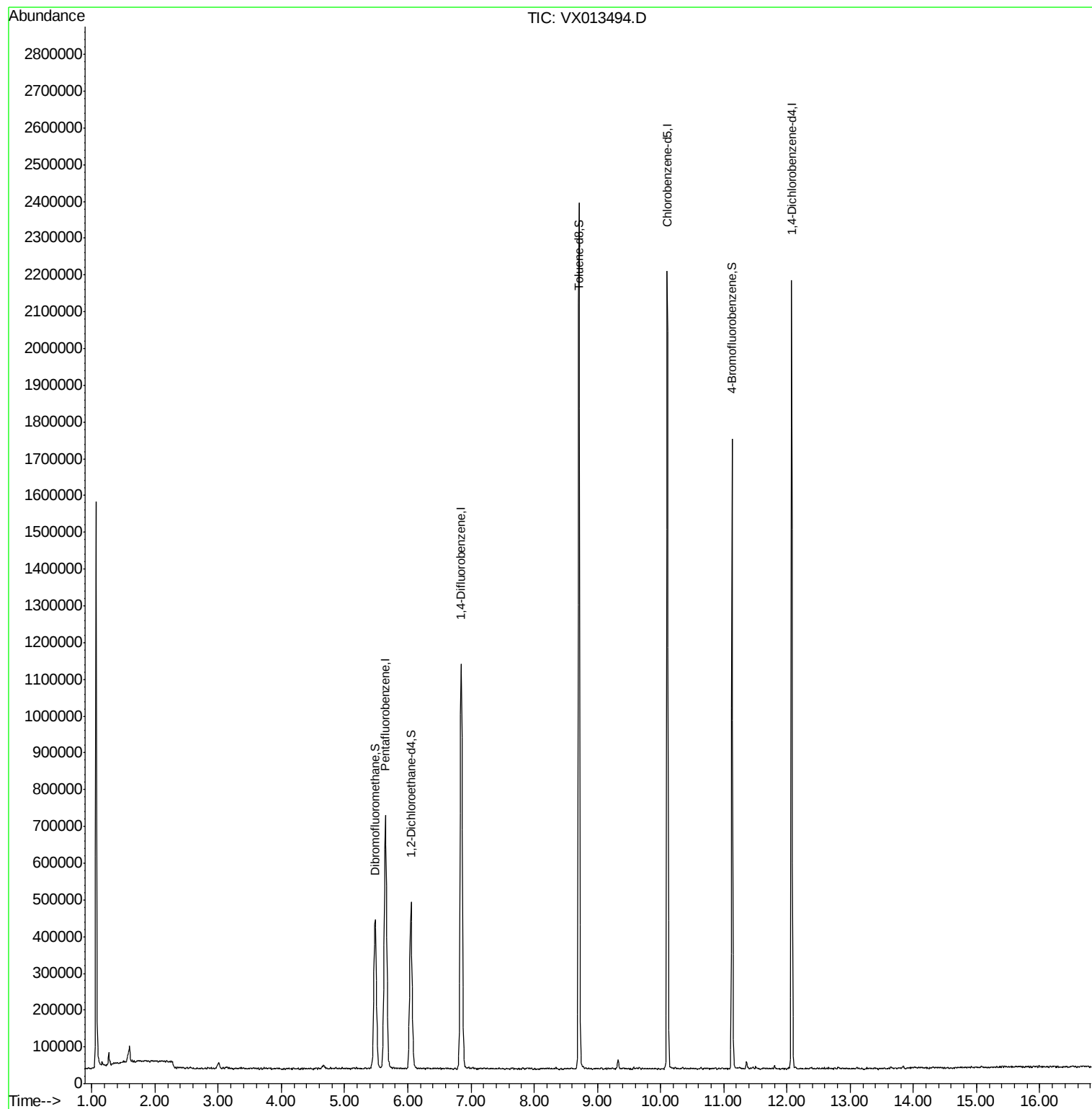
Target Compounds	Qvalue

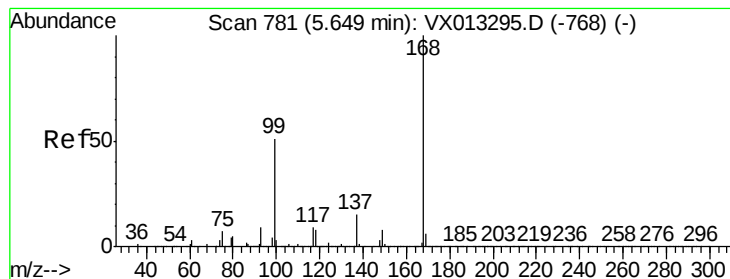
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX013494.D

Acq: 21 Nov 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

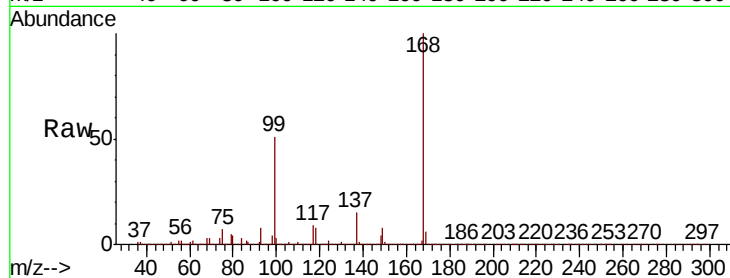
EB-SOIL-111919

Tot Ion:168 Resp: 715216

Ion Ratio Lower Upper

168 100

99 50.5 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

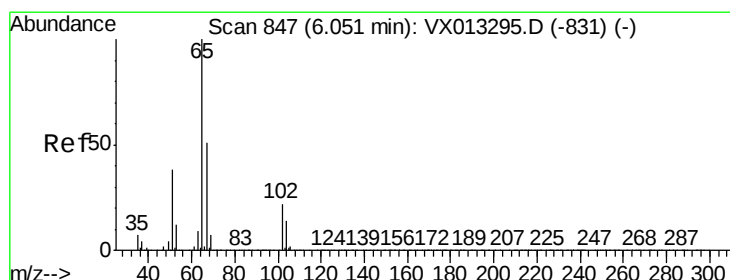
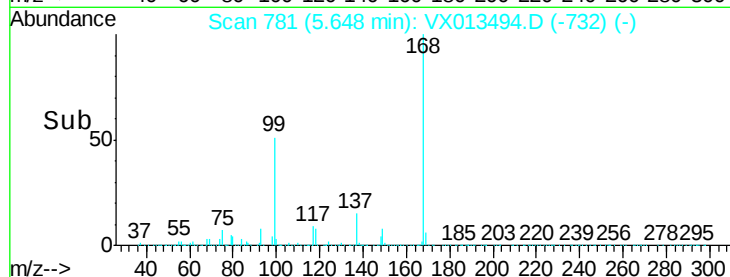
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.468 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013494.D

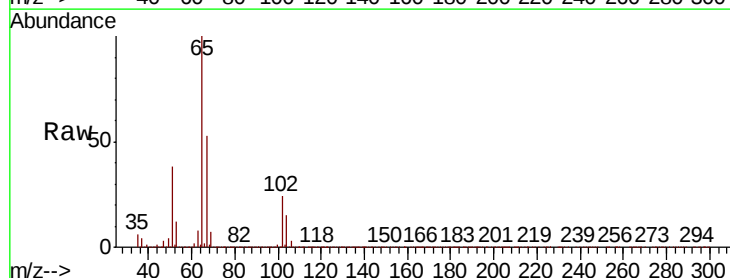
Acq: 21 Nov 2019 11:44

Tgt Ion: 65 Resp: 419154

Ion Ratio Lower Upper

65 100

67 53.2 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

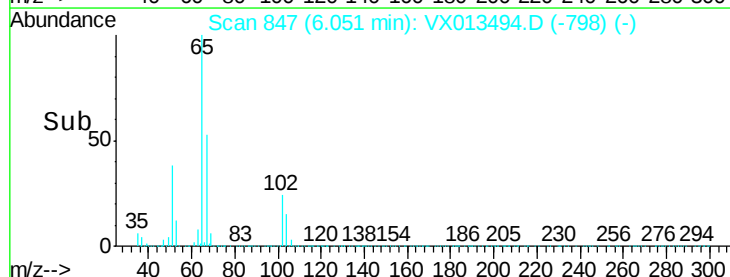
150000

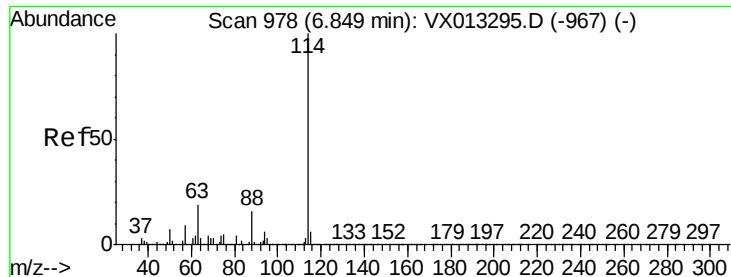
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX013494.D

Acq: 21 Nov 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

EB-SOIL-111919

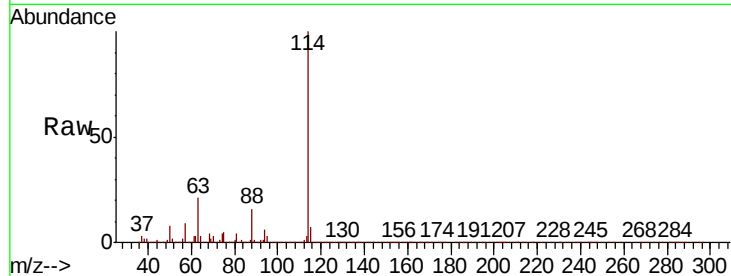
Tot Ion:114 Resp: 1151859

Ion Ratio Lower Upper

114 100

63 20.4 0.0 38.4

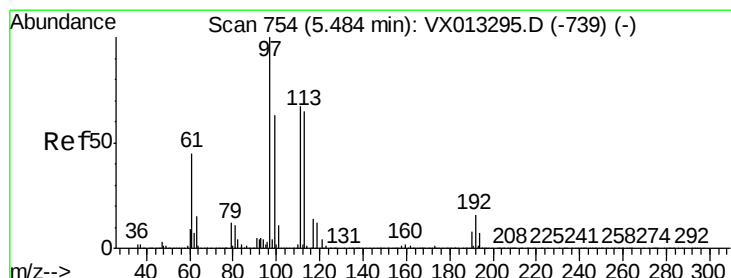
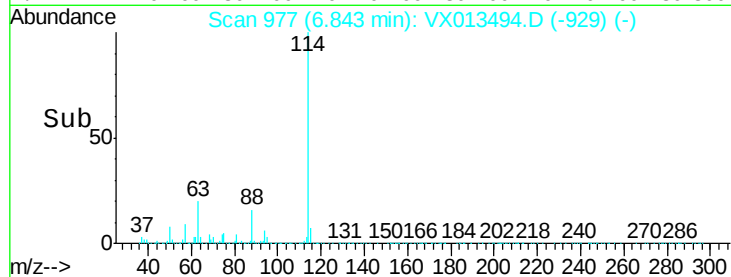
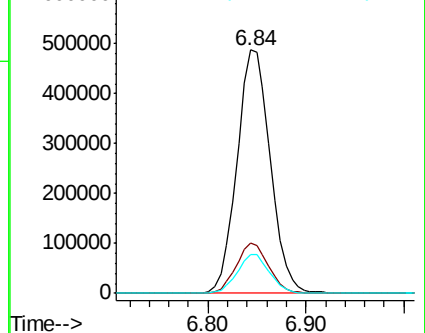
88 15.9 0.0 32.2



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: 48.890 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX013494.D

Acq: 21 Nov 2019 11:44

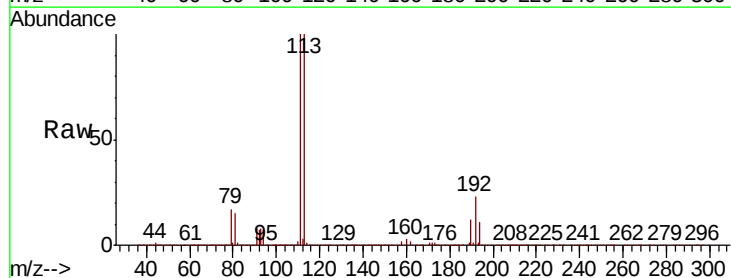
Tgt Ion:113 Resp: 353210

Ion Ratio Lower Upper

113 100

111 101.6 81.9 122.9

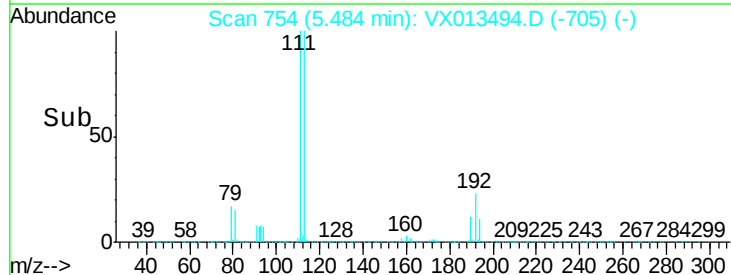
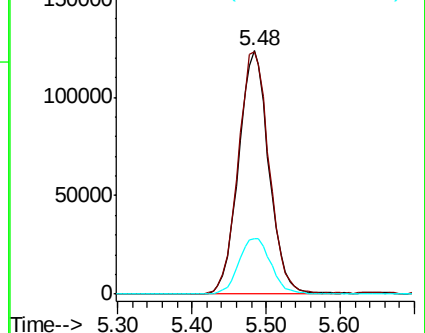
192 24.2 19.1 28.7

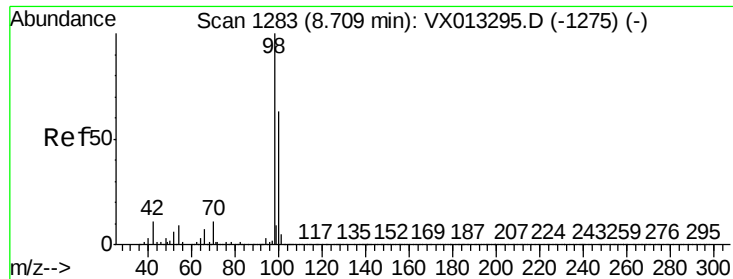


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

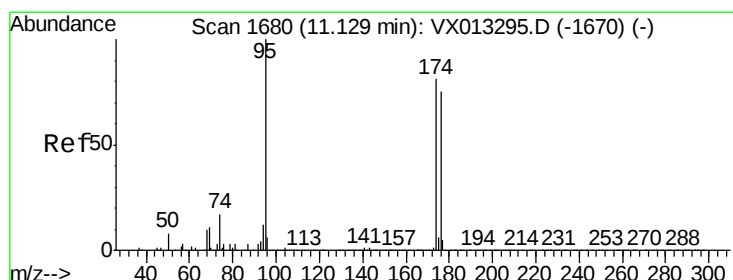
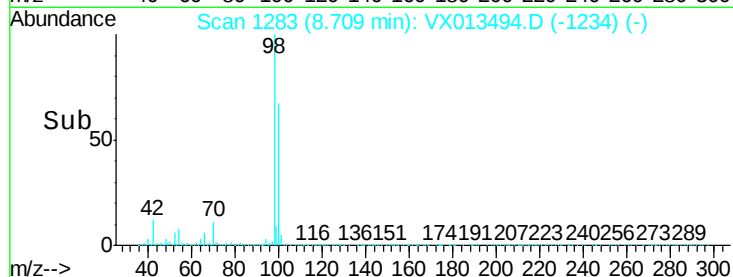
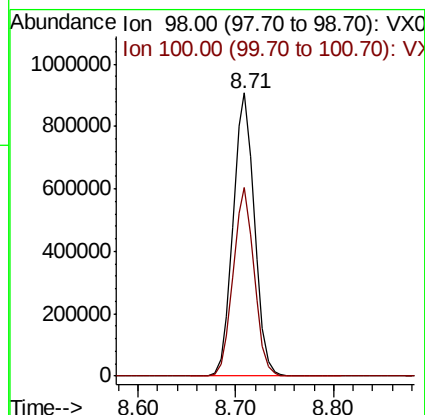
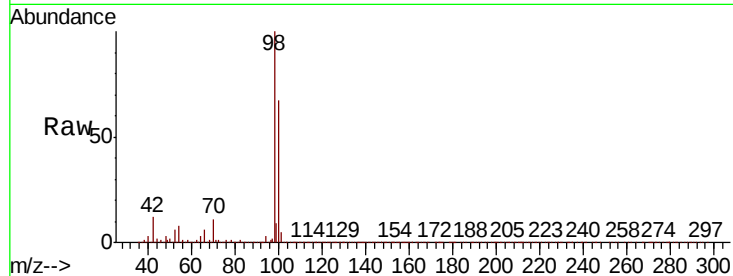




#50
Toluene-d8
Concen: 50.431 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013494.D
Acq: 21 Nov 2019 11:44

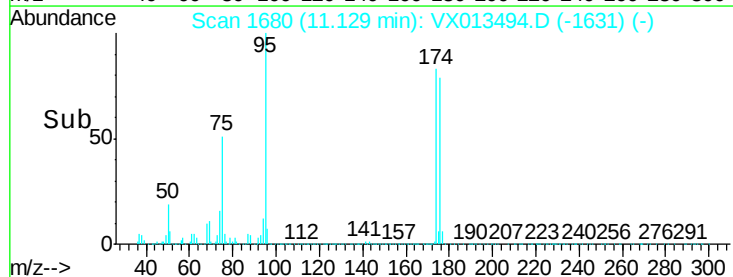
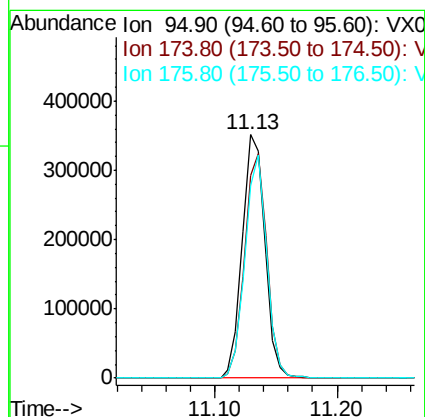
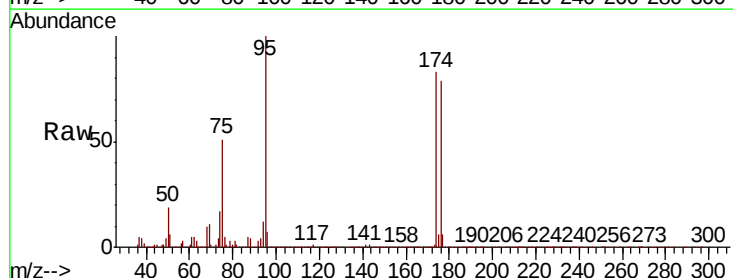
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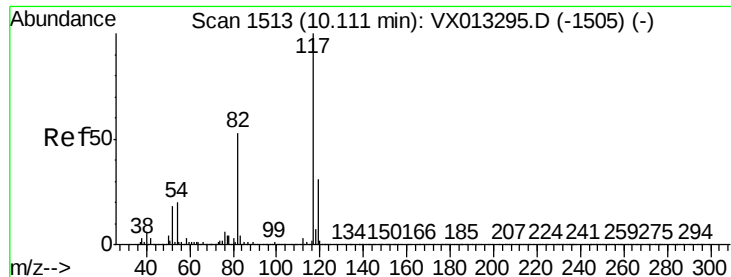
Tot Ion: 98 Resp: 1373536
Ion Ratio Lower Upper
98 100
100 65.8 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 45.741 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX013494.D
Acq: 21 Nov 2019 11:44

Tgt Ion: 95 Resp: 449621
Ion Ratio Lower Upper
95 100
174 91.4 0.0 179.8
176 88.4 0.0 173.0

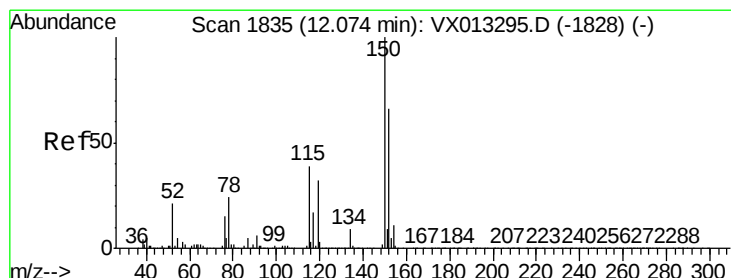
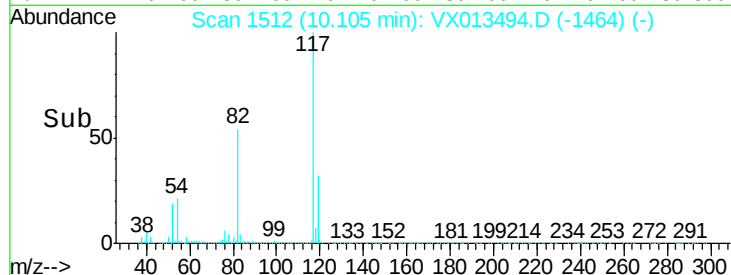
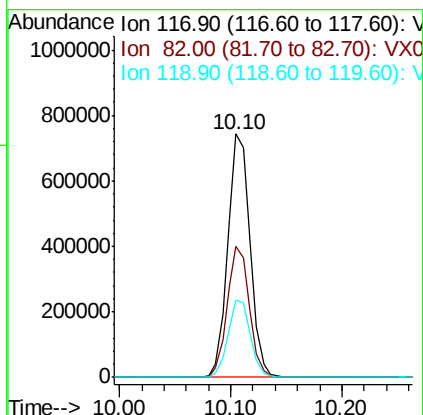
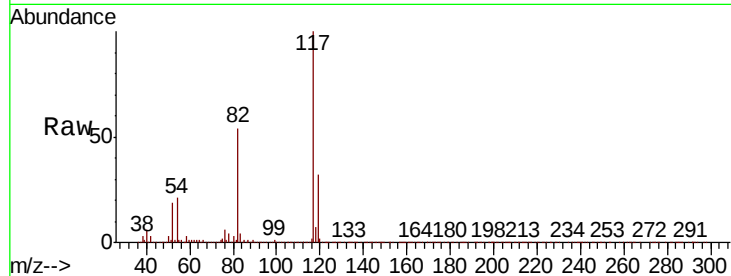




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013494.D
Acq: 21 Nov 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
EB-SOIL-111919

Tot Ion:117 Resp: 1025949
Ion Ratio Lower Upper
117 100
82 53.8 42.6 64.0
119 31.6 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: VX013494.D
Acq: 21 Nov 2019 11:44

Tgt Ion:152 Resp: 448180
Ion Ratio Lower Upper
152 100
115 55.9 39.5 118.3
150 156.4 0.0 344.4

