

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120919\
 Data File : VX013881.D
 Acq On : 10 Dec 2019 03:51
 Operator : JC/SP
 Sample : K6188-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL-COMP-2

Quant Time: Dec 10 06:21:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

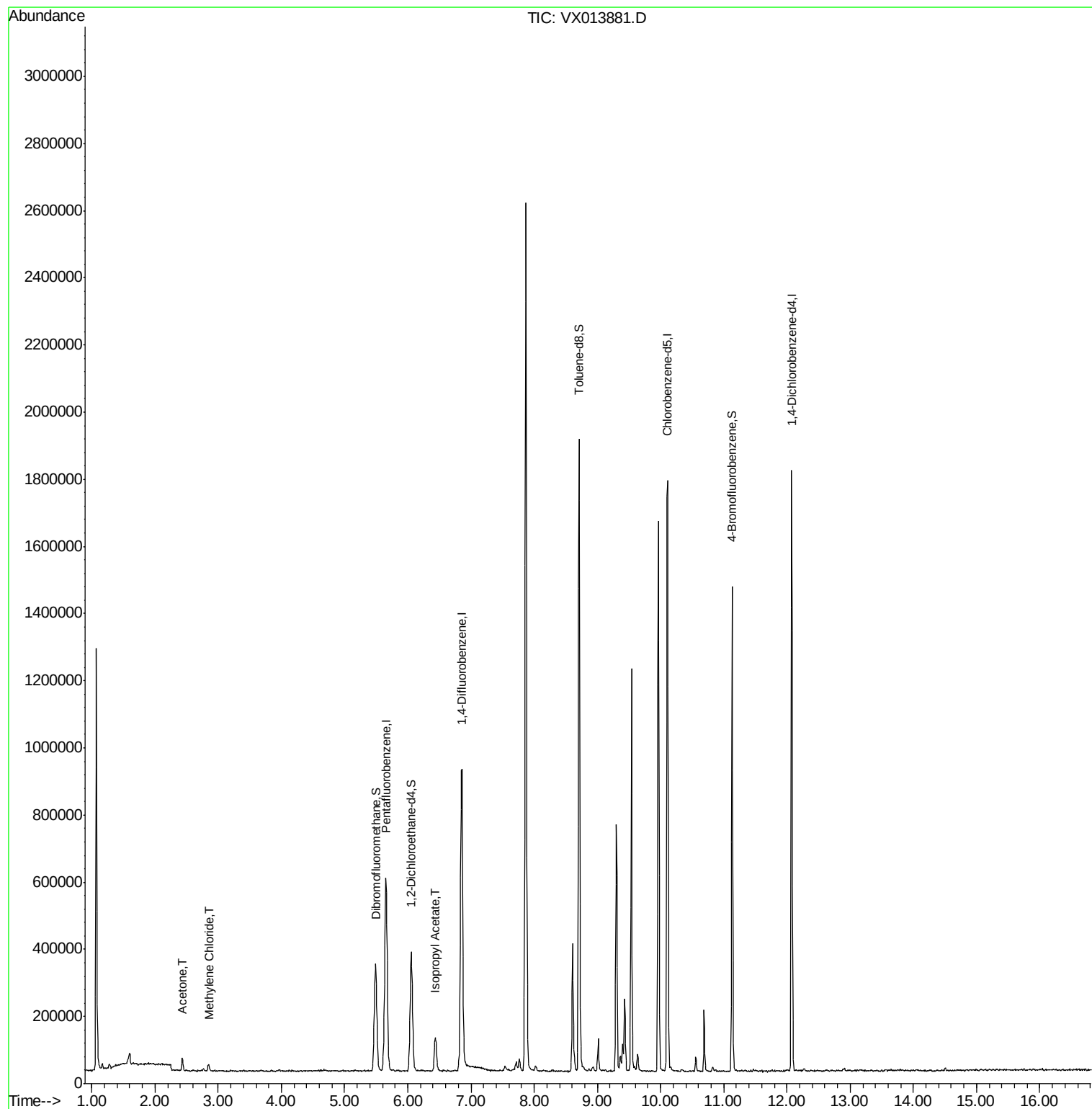
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	592851	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	924140	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	839015	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	372357	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	335763	48.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.58%	
35) Dibromofluoromethane	5.49	113	275455	48.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.42%	
50) Toluene-d8	8.71	98	1109910	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.72%	
62) 4-Bromofluorobenzene	11.14	95	371048	46.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.46%	
Target Compounds						
16) Acetone	2.43	43	40185	11.828	ug/l	96
20) Methylene Chloride	2.85	84	10371	1.589	ug/l	96
43) Isopropyl Acetate	6.43	43	139213	8.985	ug/l	99

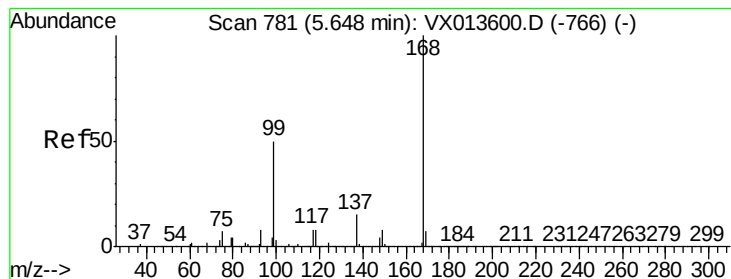
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013881.D

Acq: 10 Dec 2019 03:51

Instrument :

MSVOA_X

ClientSampleId :

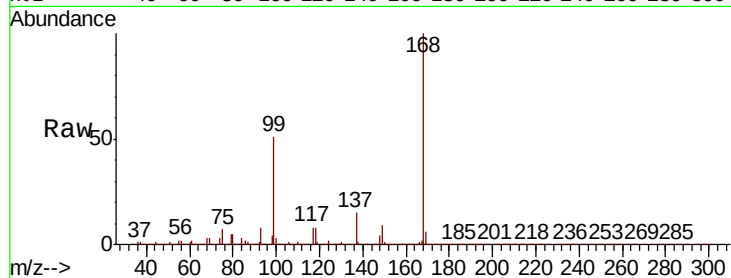
SOIL-COMP-2

Tot Ion:168 Resp: 592851

Ion Ratio Lower Upper

168 100

99 50.7 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

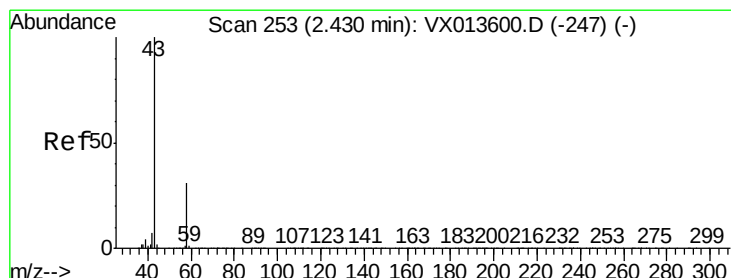
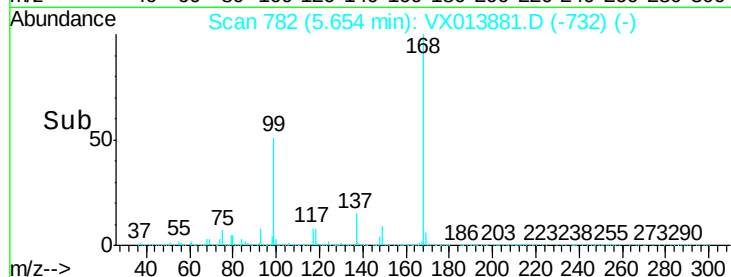
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 11.828 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013881.D

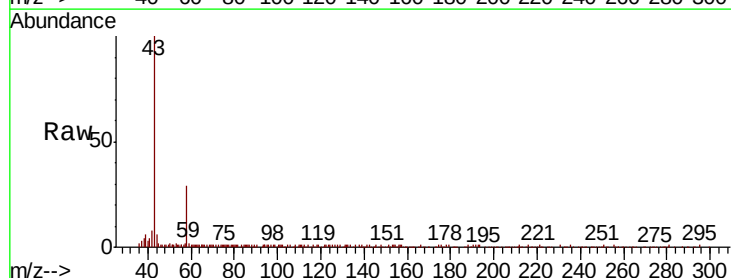
Acq: 10 Dec 2019 03:51

Tgt Ion: 43 Resp: 40185

Ion Ratio Lower Upper

43 100

58 28.3 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

25000

20000

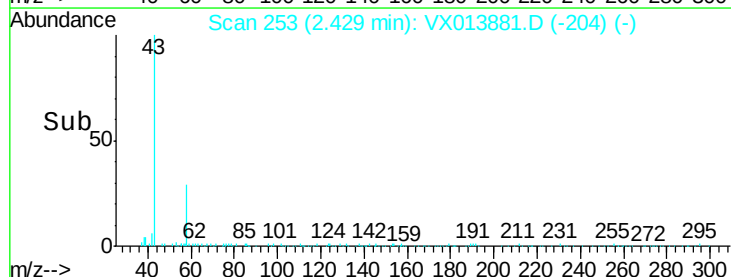
15000

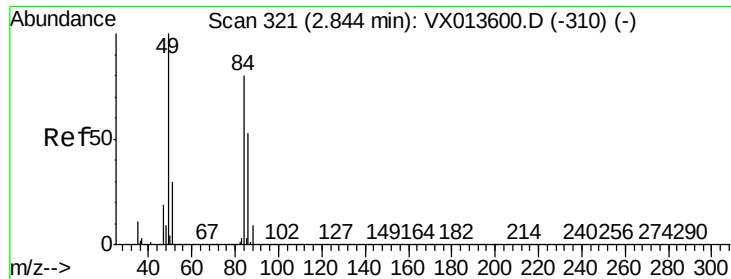
10000

5000

0

Time-->

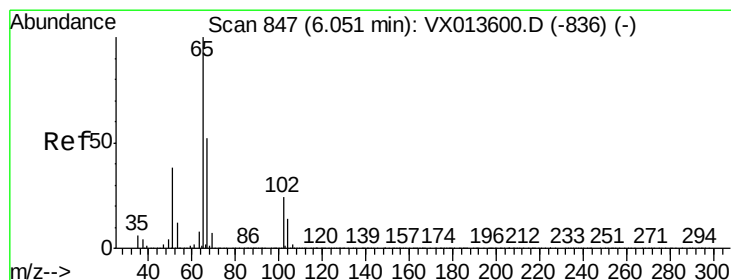
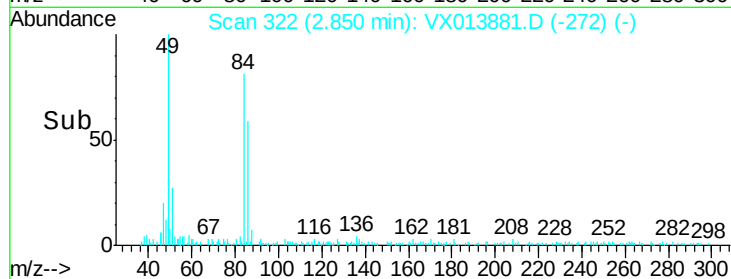
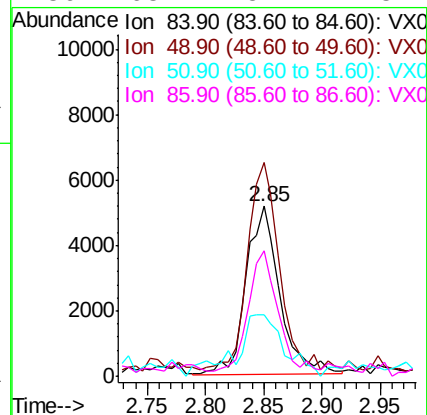
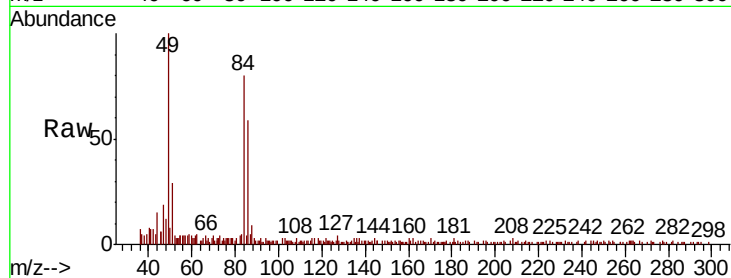




#20
Methylene Chloride
Concen: 1.589 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013881.D
Acq: 10 Dec 2019 03:51

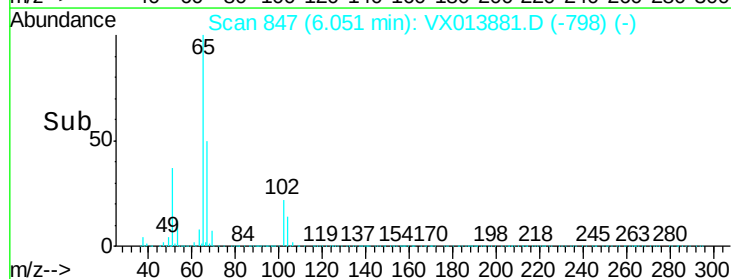
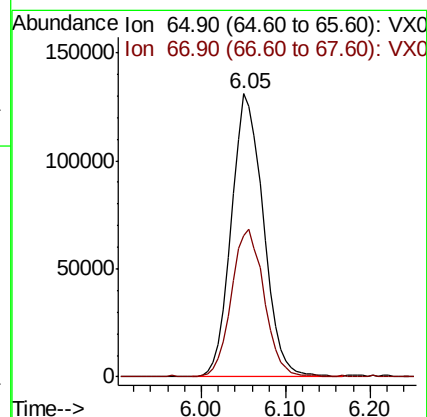
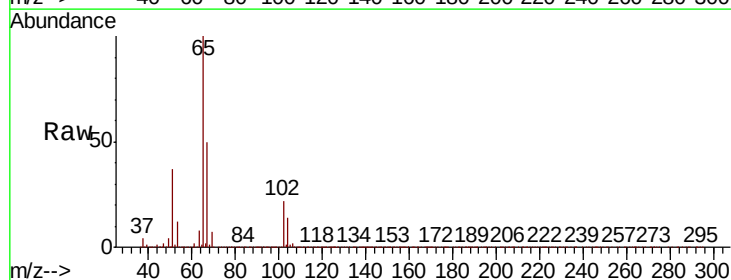
Instrument :
MSVOA_X
ClientSampleId :
SOIL-COMP-2

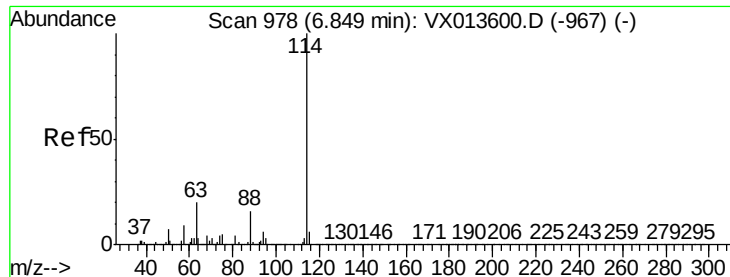
Tot Ion: 84 Resp: 10371
Ion Ratio Lower Upper
84 100
49 122.0 99.7 149.5
51 32.1 29.9 44.9
86 68.1 52.2 78.4



#33
1,2-Dichloroethane-d4
Concen: 48.791 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX013881.D
Acq: 10 Dec 2019 03:51

Tgt Ion: 65 Resp: 335763
Ion Ratio Lower Upper
65 100
67 53.2 0.0 104.4

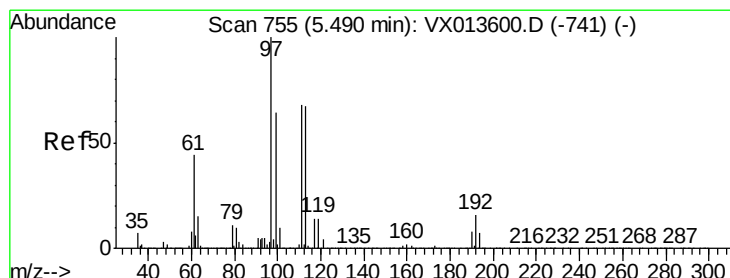
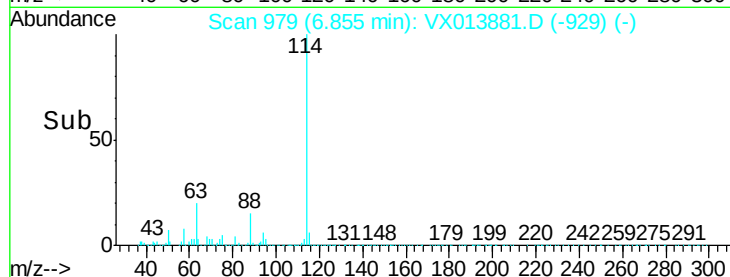
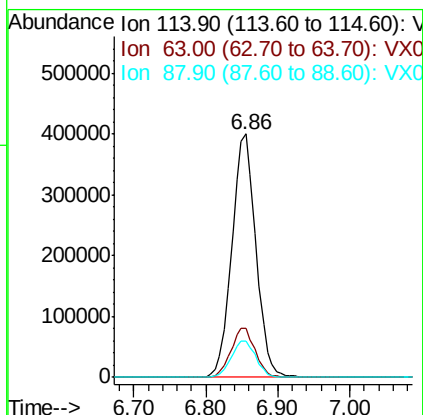
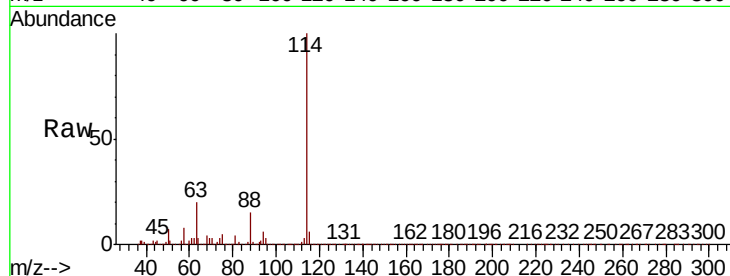




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 979
Delta R.T. 0.01 min
Lab File: VX013881.D
Acq: 10 Dec 2019 03:51

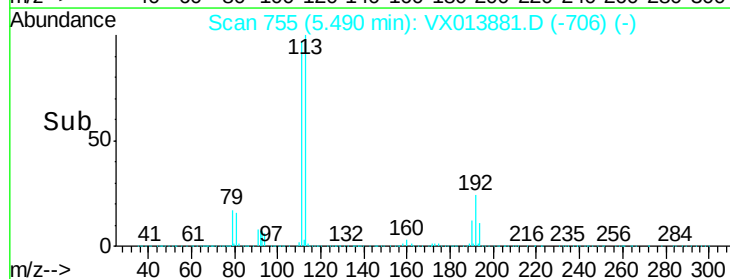
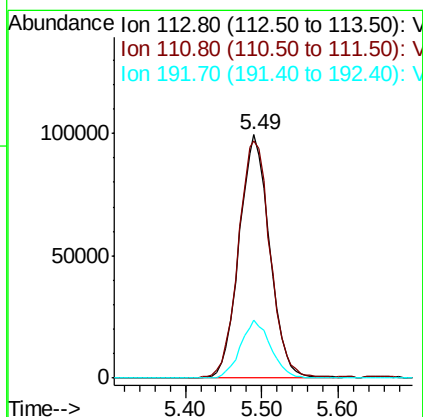
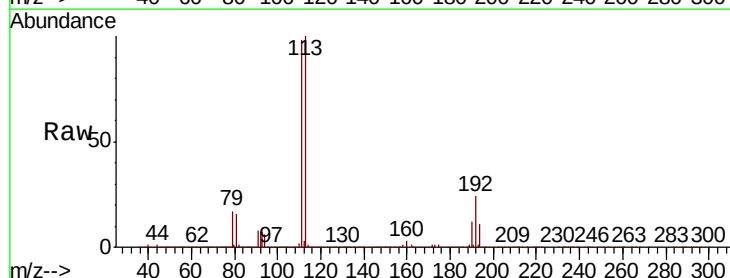
Instrument :
MSVOA_X
ClientSampleId :
SOIL-COMP-2

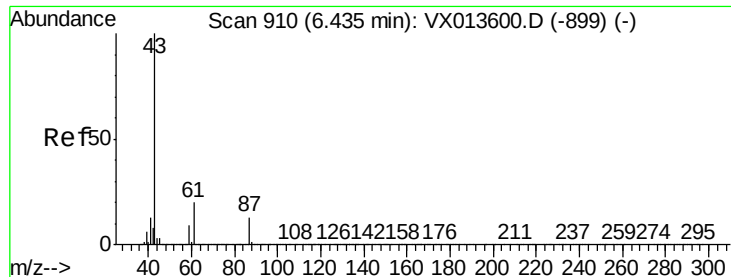
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.6
88	14.7	0.0	31.4



#35
Dibromofluoromethane
Concen: 48.214 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX013881.D
Acq: 10 Dec 2019 03:51

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.6	83.6	125.4
192	23.8	19.2	28.8





#43

Isopropyl Acetate

Concen: 8.985 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX013881.D

Acq: 10 Dec 2019 03:51

Instrument :

MSVOA_X

ClientSampleId :

SOIL-COMP-2

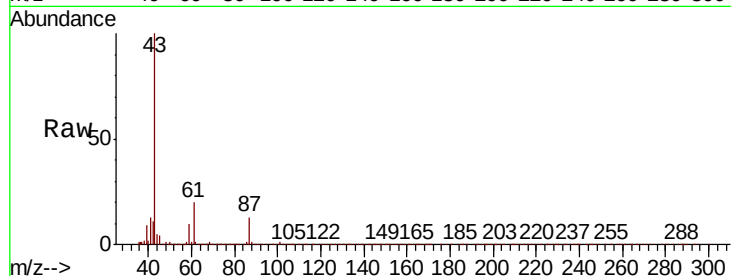
Tot Ion: 43 Resp: 139213

Ion Ratio Lower Upper

43 100

61 20.2 16.3 24.5

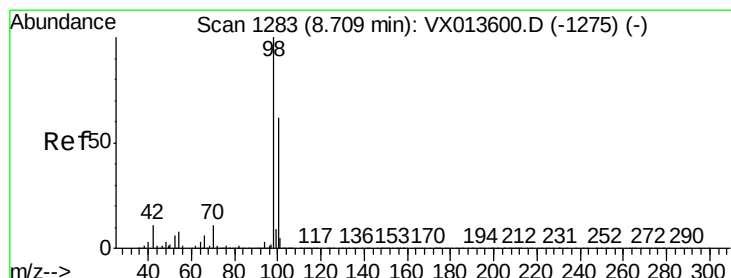
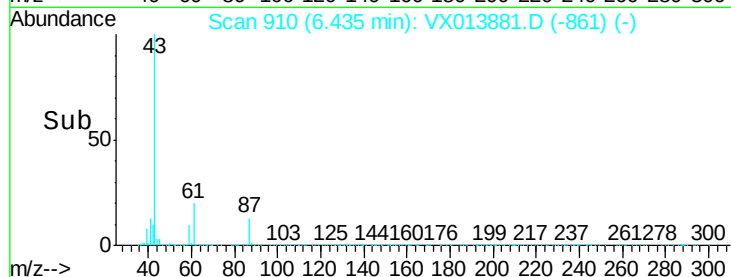
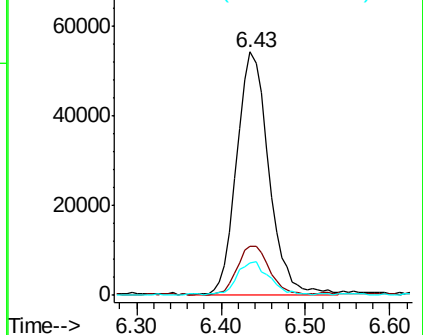
87 13.9 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 49.863 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013881.D

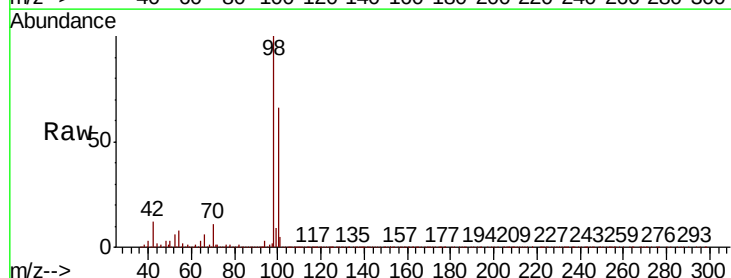
Acq: 10 Dec 2019 03:51

Tgt Ion: 98 Resp: 1109910

Ion Ratio Lower Upper

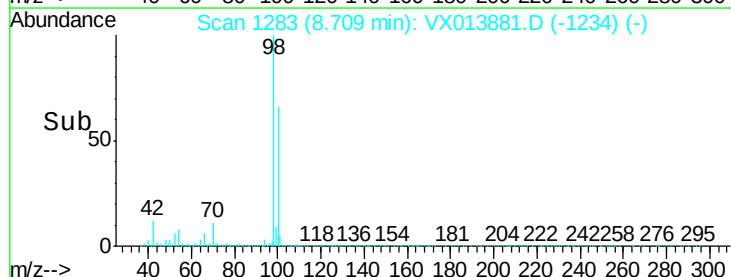
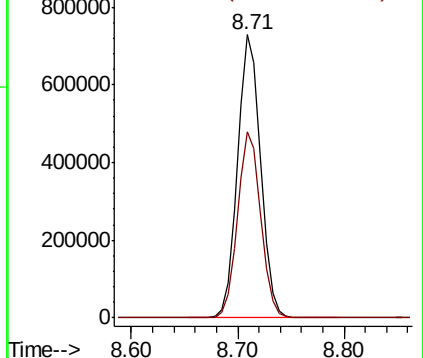
98 100

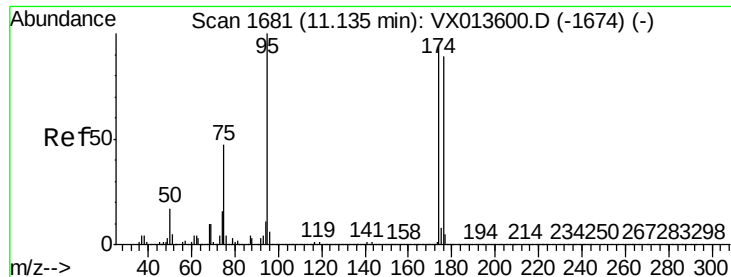
100 65.9 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

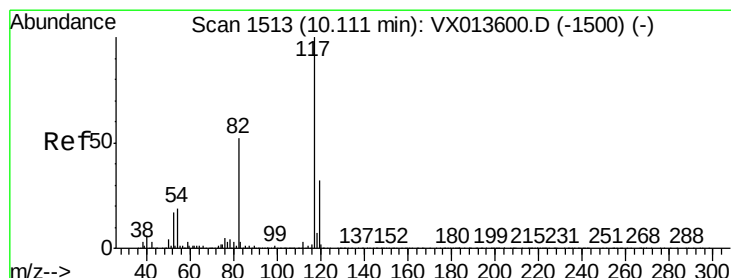
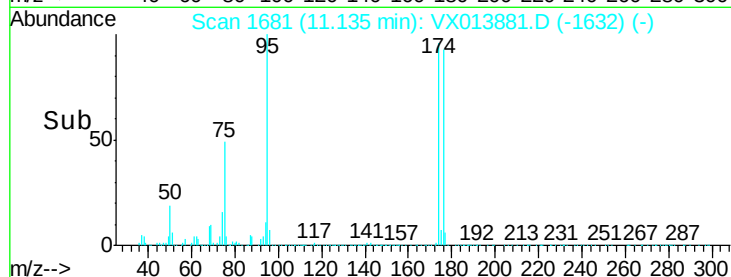
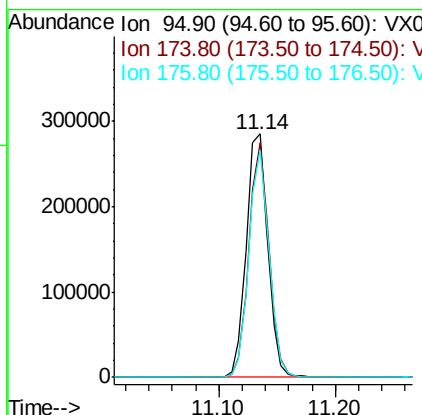
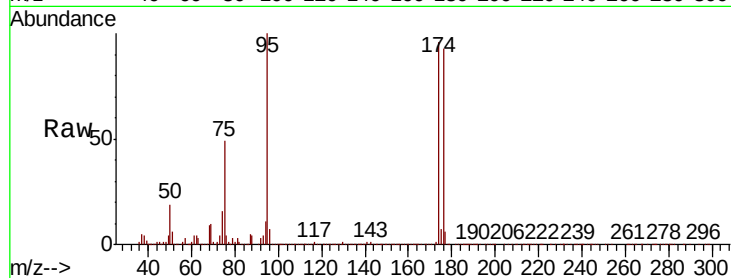




#62
4-Bromofluorobenzene
Concen: 46.227 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX013881.D
Acq: 10 Dec 2019 03:51

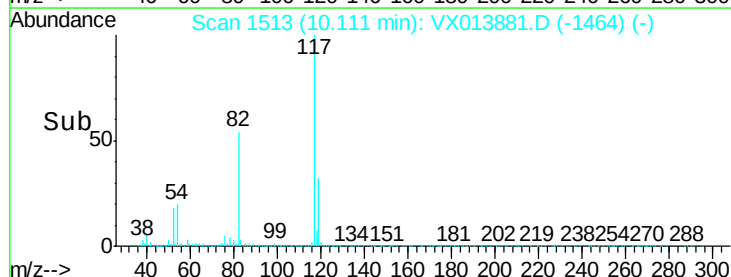
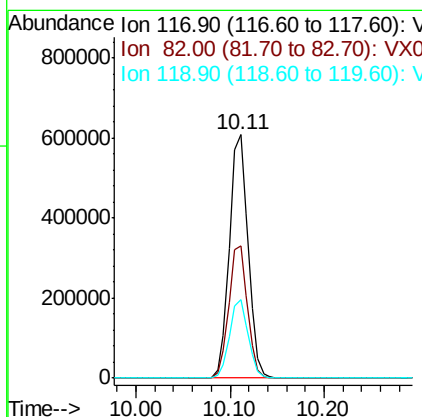
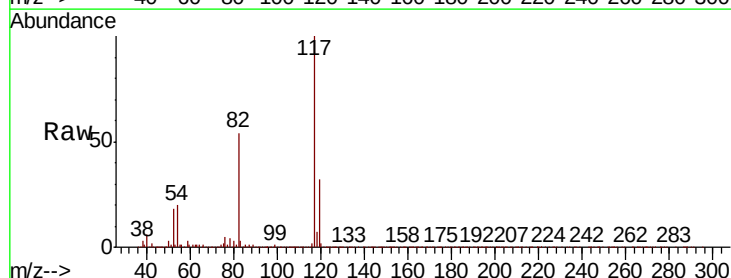
Instrument :
MSVOA_X
ClientSampleId :
SOIL-COMP-2

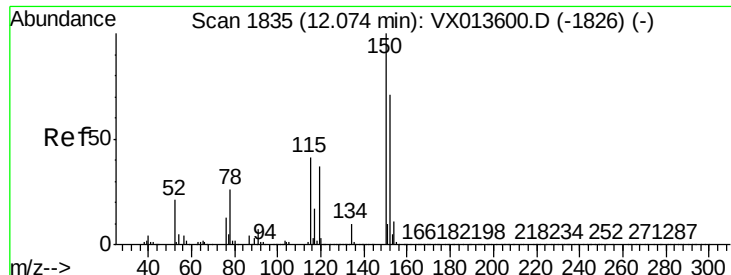
Tot Ion: 95 Resp: 371048
Ion Ratio Lower Upper
95 100
174 90.2 0.0 180.0
176 87.9 0.0 173.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013881.D
Acq: 10 Dec 2019 03:51

Tgt Ion: 117 Resp: 839015
Ion Ratio Lower Upper
117 100
82 54.3 41.8 62.8
119 32.0 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013881.D

Acq: 10 Dec 2019 03:51

Instrument :

MSVOA_X

ClientSampleId :

SOIL-COMP-2

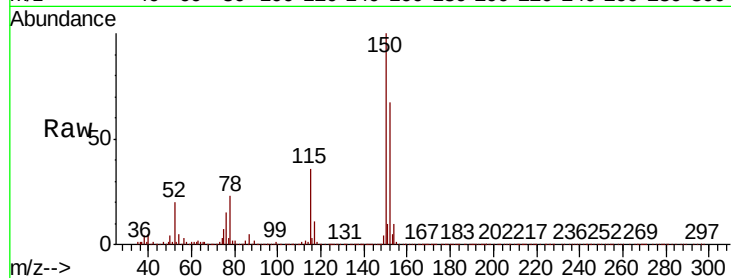
Tot Ion:152 Resp: 372357

Ion Ratio Lower Upper

152 100

115 55.1 38.4 115.1

150 155.0 0.0 346.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

