

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120919\
 Data File : VX013880.D
 Acq On : 10 Dec 2019 03:27
 Operator : JC/SP
 Sample : K6188-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL-COMP-1

Quant Time: Dec 10 06:15:03 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

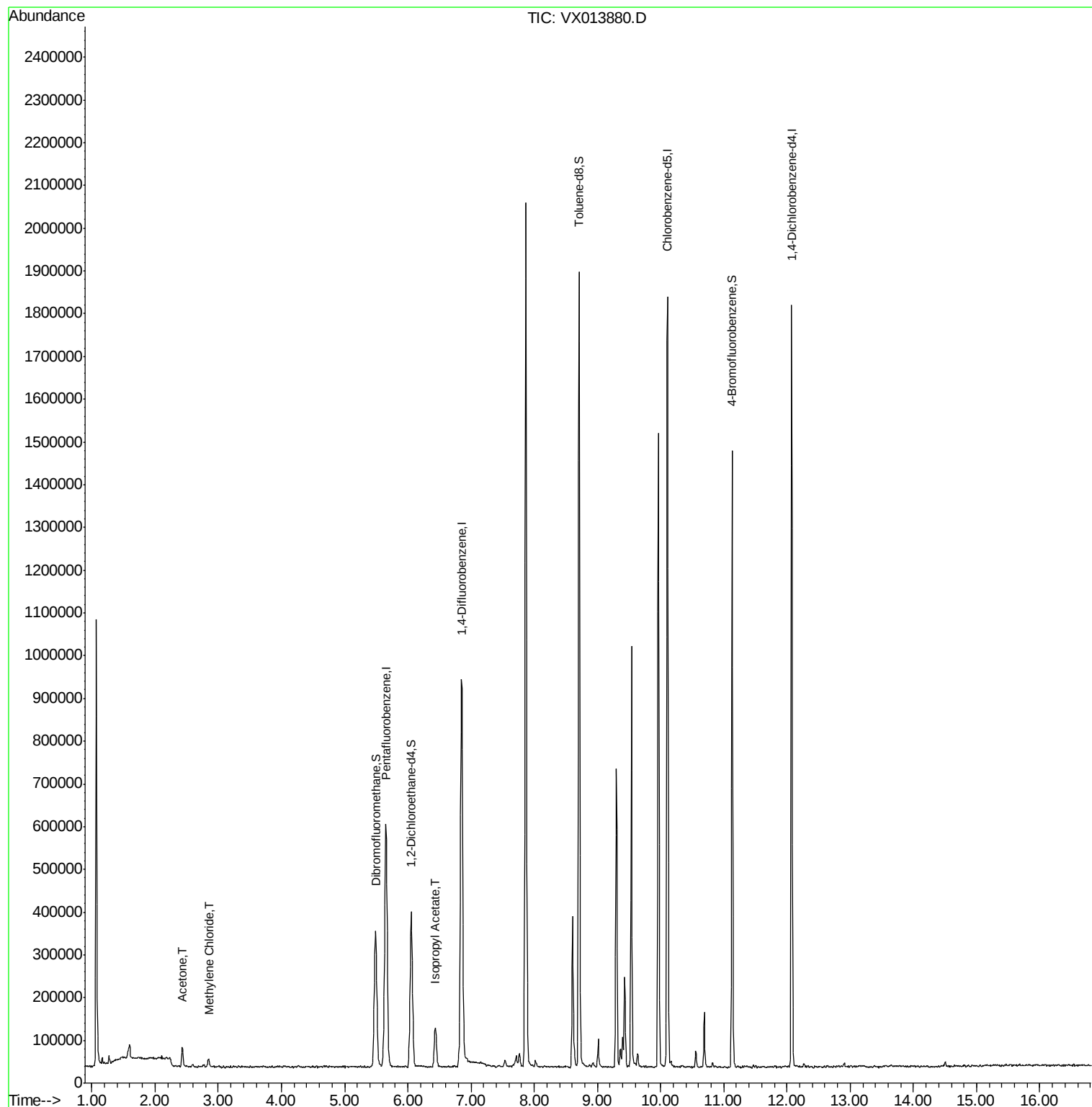
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	593916	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	924739	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	841877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	372111	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	336678	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.68%	
35) Dibromofluoromethane	5.49	113	274944	48.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.18%	
50) Toluene-d8	8.71	98	1111328	49.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.78%	
62) 4-Bromofluorobenzene	11.14	95	372721	46.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.82%	
Target Compounds						
16) Acetone	2.43	43	49685	14.597	ug/l	99
20) Methylene Chloride	2.85	84	10400	1.590	ug/l	93
43) Isopropyl Acetate	6.43	43	129494	8.353	ug/l	99

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

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QLast Update : Tue Nov 26 15:53:00 2019
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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: VX013880.D

Acq: 10 Dec 2019 03:27

Instrument :

MSVOA_X

ClientSampleId :

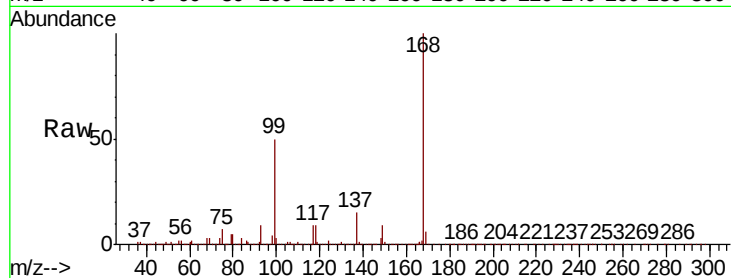
SOIL-COMP-1

Tot Ion:168 Resp: 593916

Ion Ratio Lower Upper

168 100

99 50.2 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

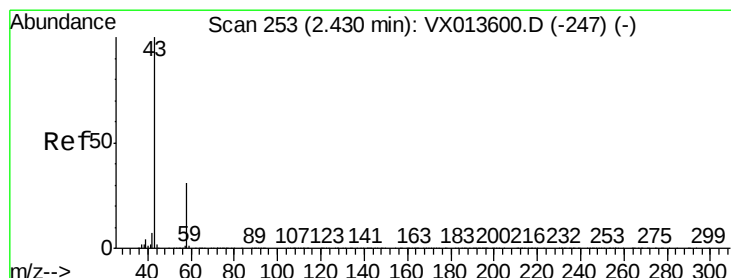
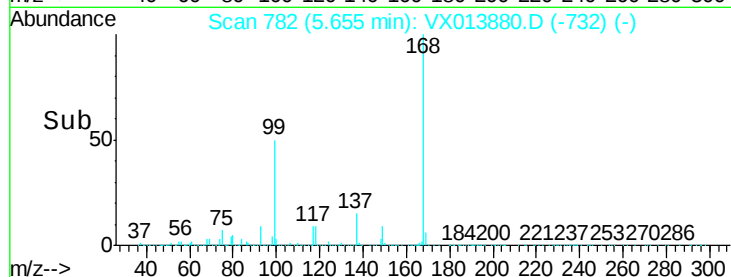
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 14.597 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013880.D

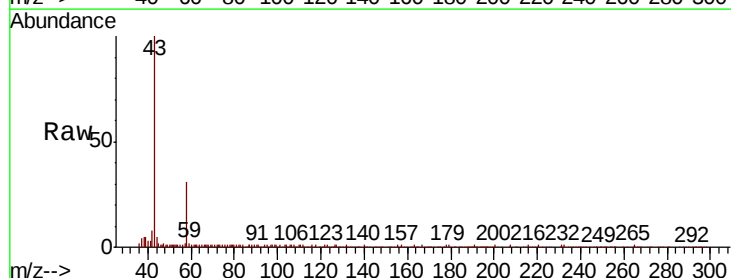
Acq: 10 Dec 2019 03:27

Tgt Ion: 43 Resp: 49685

Ion Ratio Lower Upper

43 100

58 30.3 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

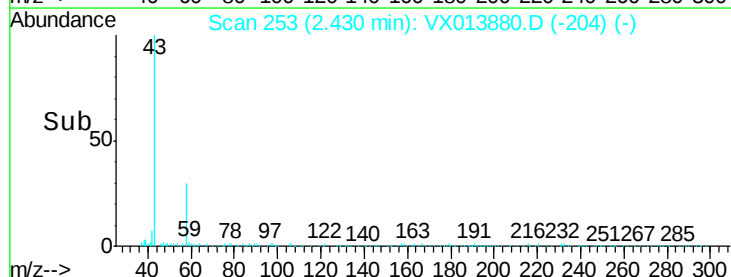
30000

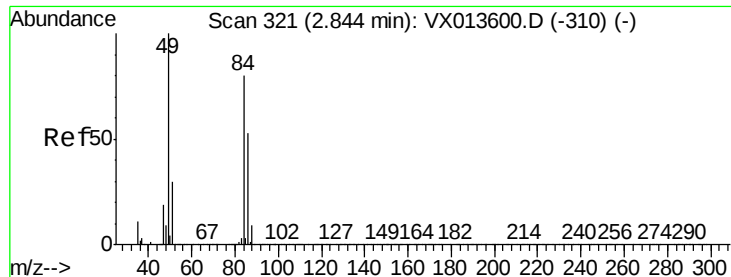
20000

10000

0

Time--> 2.35 2.40 2.45 2.50

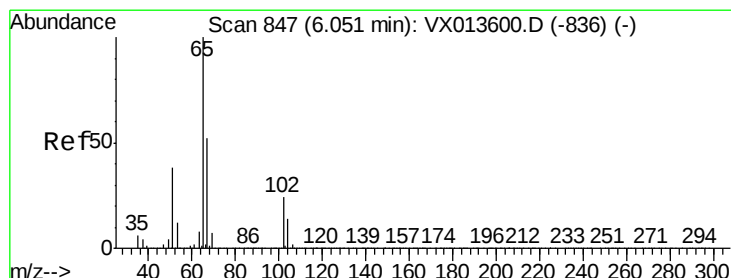
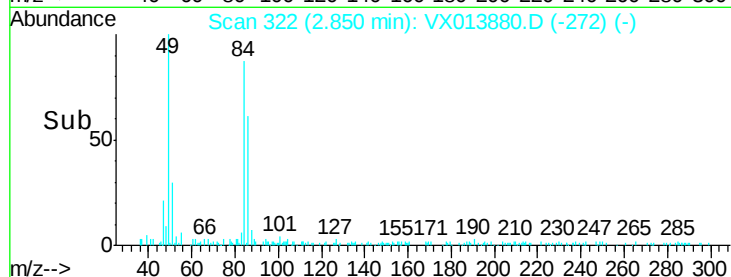
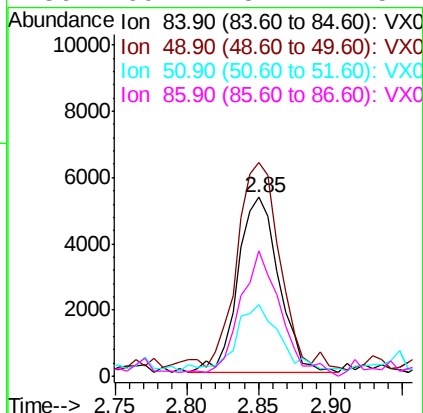
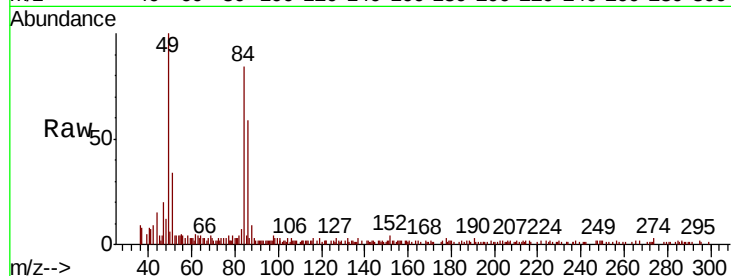




#20
Methvlene Chloride
Concen: 1.590 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013880.D
Acq: 10 Dec 2019 03:27

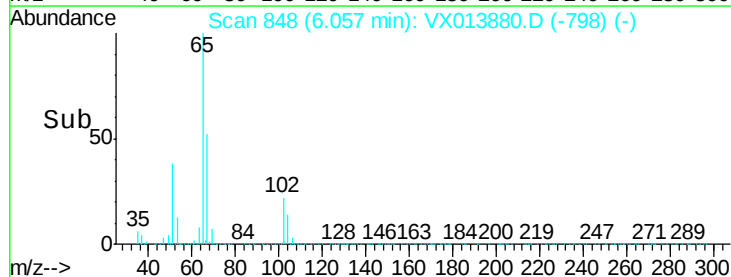
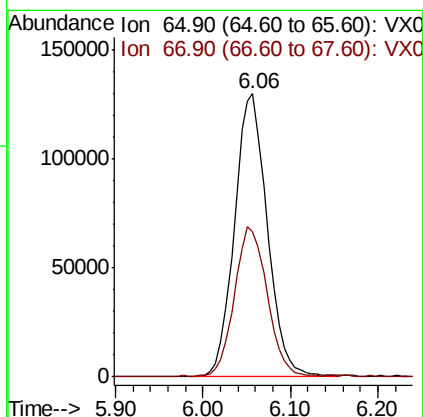
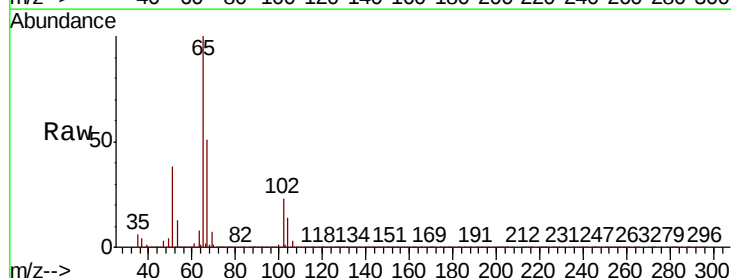
Instrument :
MSVOA_X
ClientSampleId :
SOIL-COMP-1

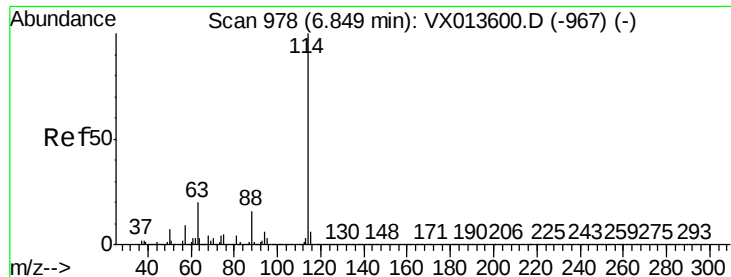
Tot Ion:	84	Resp:	10400
Ion	Ratio	Lower	Upper
84	100		
49	112.6	99.7	149.5
51	36.7	29.9	44.9
86	69.1	52.2	78.4



#33
1,2-Dichloroethane-d4
Concen: 48.836 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX013880.D
Acq: 10 Dec 2019 03:27

Tgt Ion:	65	Resp:	336678
Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013880.D

Acq: 10 Dec 2019 03:27

Instrument :

MSVOA_X

ClientSampleId :

SOIL-COMP-1

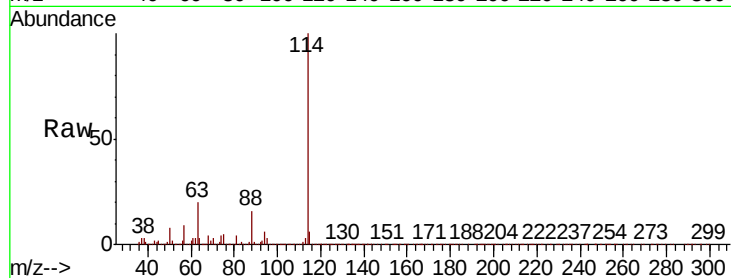
Tot Ion:114 Resp: 924739

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.6

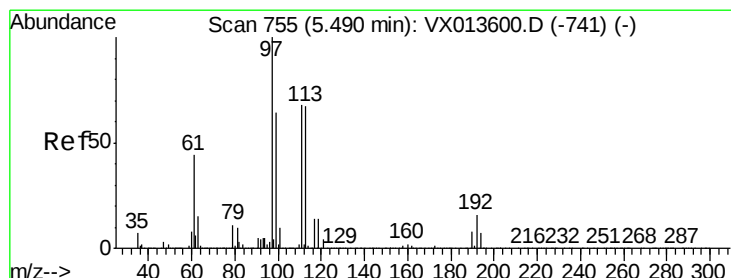
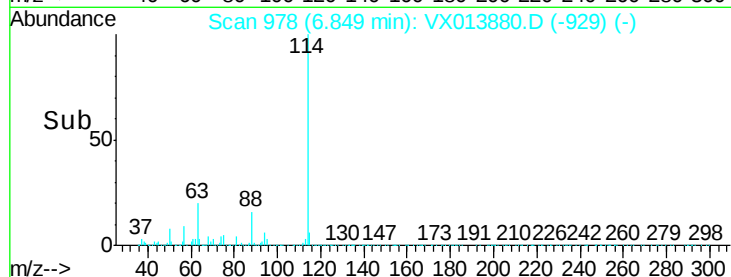
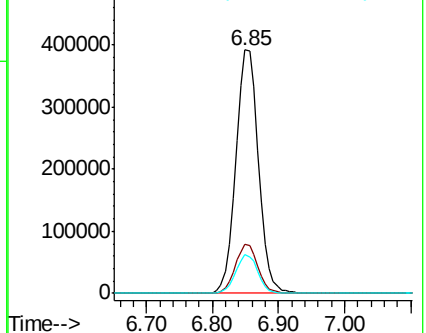
88 16.0 0.0 31.4



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: 48.094 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013880.D

Acq: 10 Dec 2019 03:27

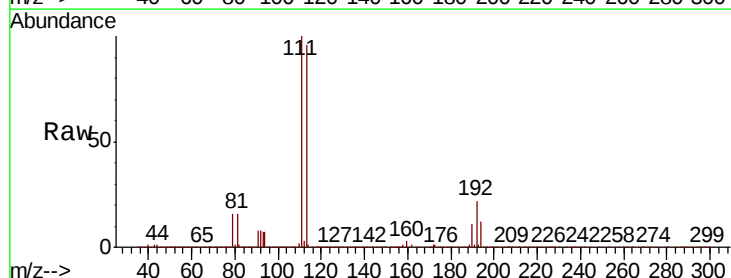
Tgt Ion:113 Resp: 274944

Ion Ratio Lower Upper

113 100

111 102.9 83.6 125.4

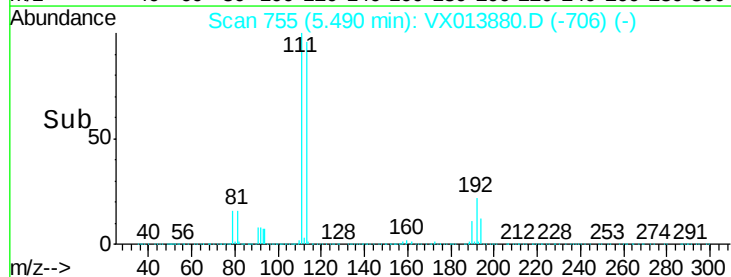
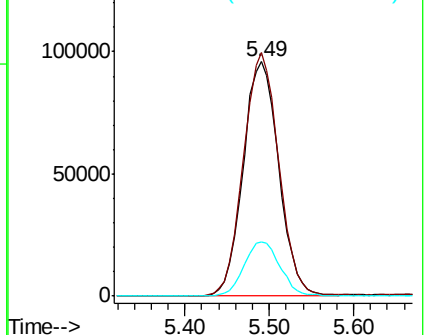
192 23.7 19.2 28.8

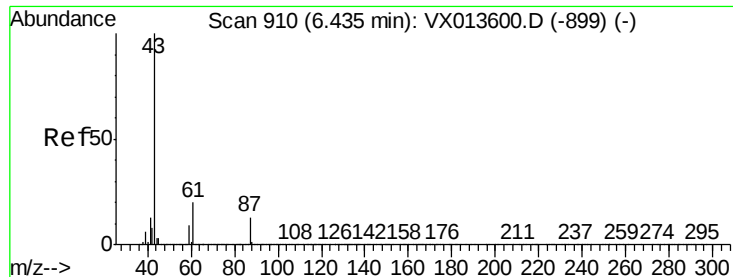


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 8.353 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX013880.D

Acq: 10 Dec 2019 03:27

Instrument :

MSVOA_X

ClientSampleId :

SOIL-COMP-1

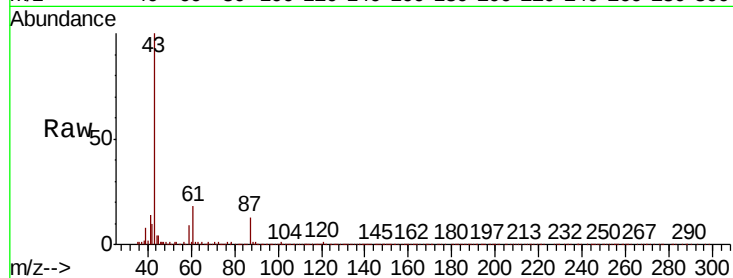
Tot Ion: 43 Resp: 129494

Ion Ratio Lower Upper

43 100

61 21.2 16.3 24.5

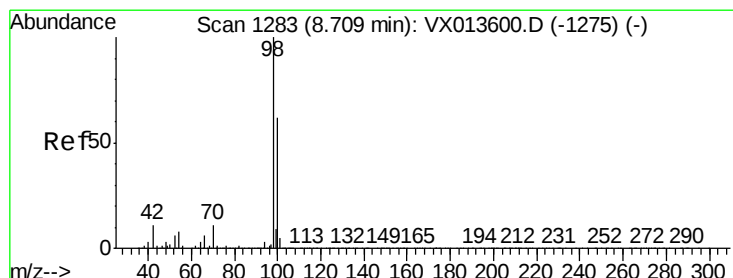
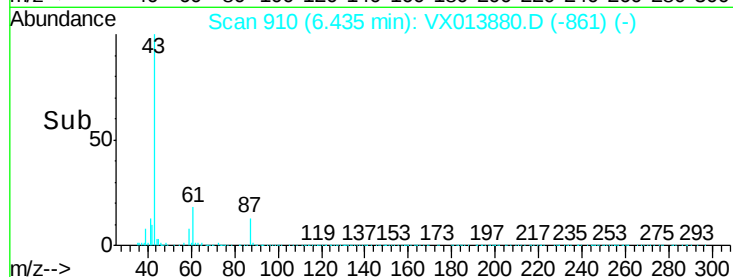
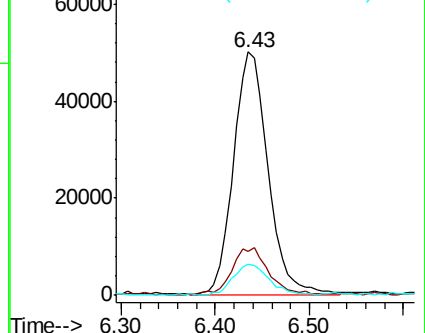
87 13.1 10.8 16.2



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: 49.895 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013880.D

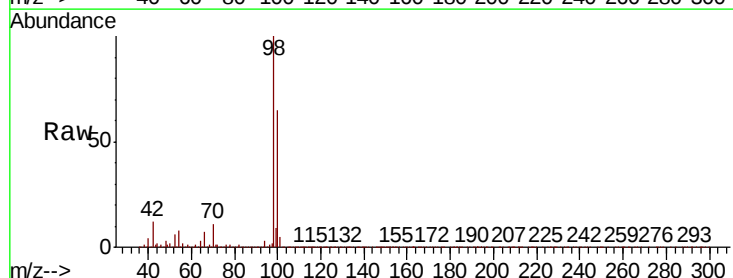
Acq: 10 Dec 2019 03:27

Tgt Ion: 98 Resp: 1111328

Ion Ratio Lower Upper

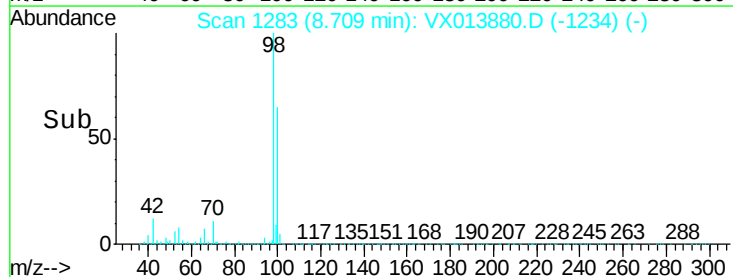
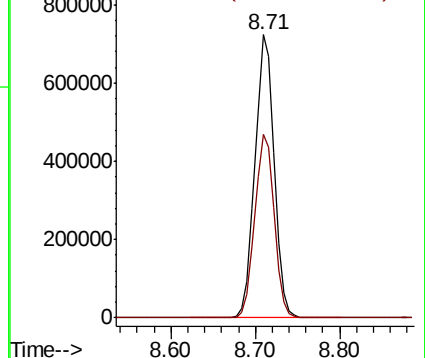
98 100

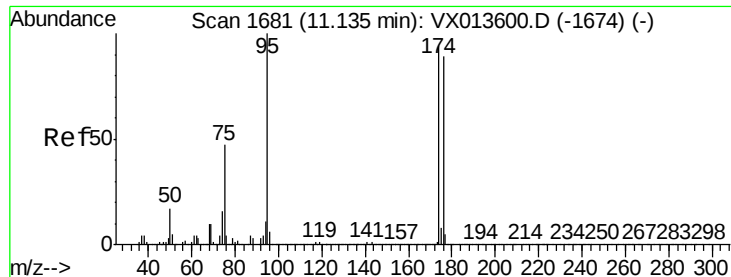
100 65.5 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

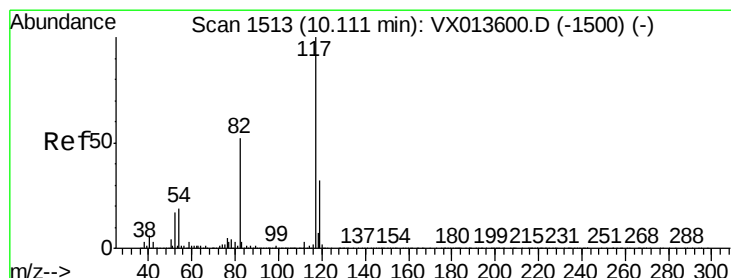
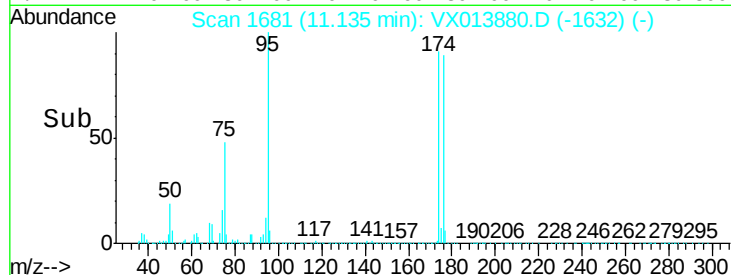
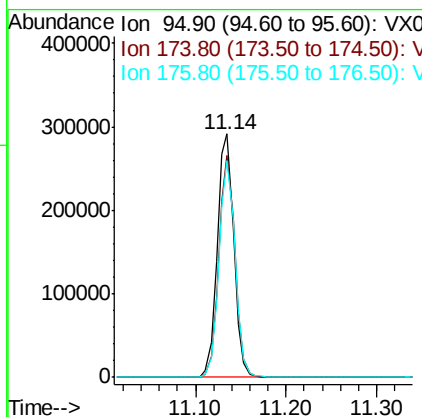
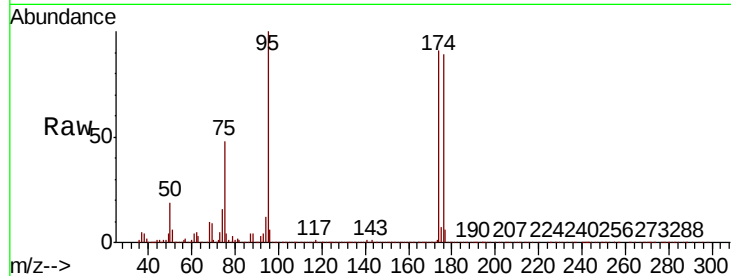




#62
4-Bromofluorobenzene
Concen: 46.405 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013880.D
Acq: 10 Dec 2019 03:27

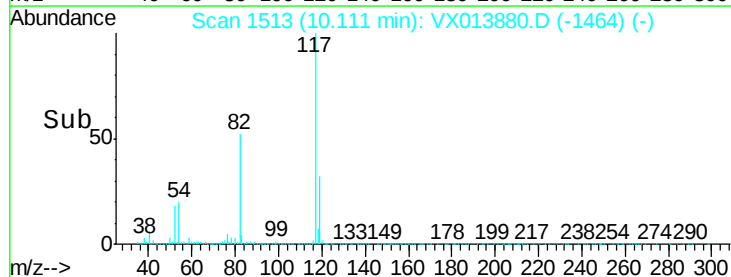
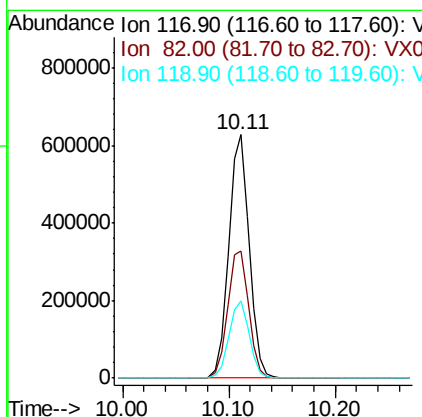
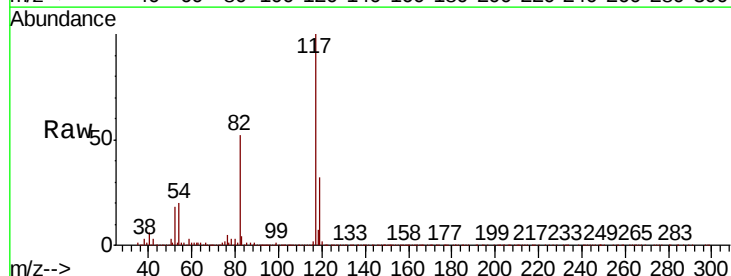
Instrument :
MSVOA_X
ClientSampleId :
SOIL-COMP-1

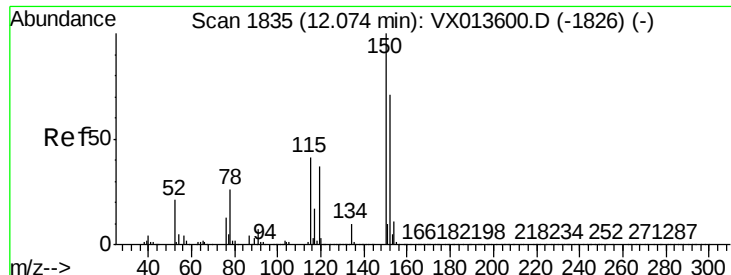
Tot Ion: 95 Resp: 372721
Ion Ratio Lower Upper
95 100
174 88.5 0.0 180.0
176 86.7 0.0 173.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013880.D
Acq: 10 Dec 2019 03:27

Tgt Ion: 117 Resp: 841877
Ion Ratio Lower Upper
117 100
82 52.0 41.8 62.8
119 31.7 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: VX013880.D

Acq: 10 Dec 2019 03:27

Instrument :

MSVOA_X

ClientSampleId :

SOIL-COMP-1

Tot Ion:152 Resp: 372111

Ion Ratio Lower Upper

152 100

115 55.0 38.4 115.1

150 155.4 0.0 346.8

