

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121218\
 Data File : VX006479.D
 Acq On : 13 Dec 2018 07:19
 Operator : JC/MD
 Sample : J6356-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL-CUTTINGS

Quant Time: Dec 13 07:58:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

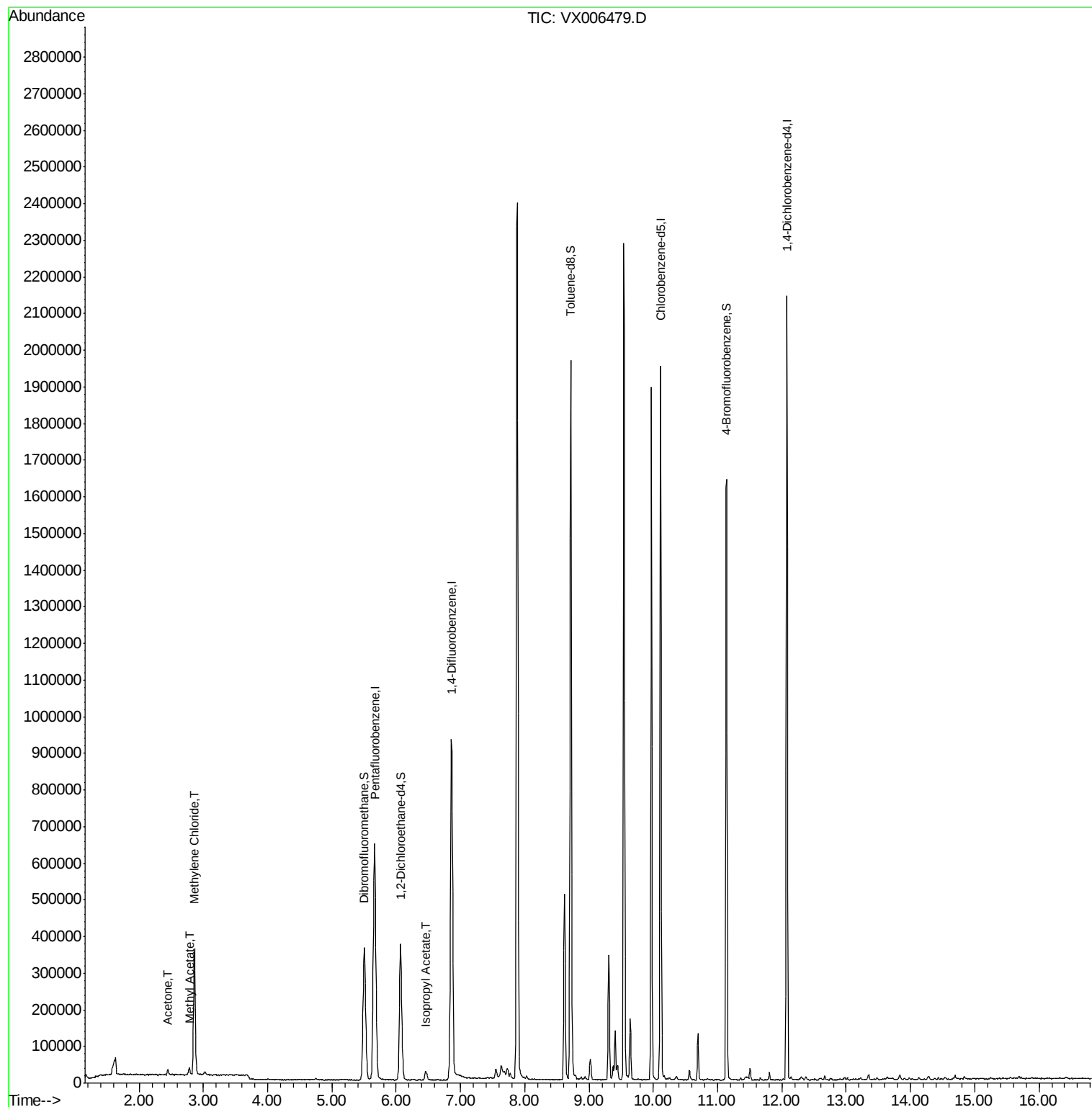
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	658968	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1032127	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	961609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	462066	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	349748	51.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.98%	
35) Dibromofluoromethane	5.50	113	312188	46.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.44%	
50) Toluene-d8	8.71	98	1223720	50.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.68%	
62) 4-Bromofluorobenzene	11.13	95	453757	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.08%	
Target Compounds						
16) Acetone	2.45	43	16287	5.159	ug/l #	88
18) Methyl Acetate	2.78	43	24294	2.301	ug/l	99
20) Methylene Chloride	2.86	84	162106	24.127	ug/l	96
43) Isopropyl Acetate	6.46	43	32769	2.019	ug/l	98

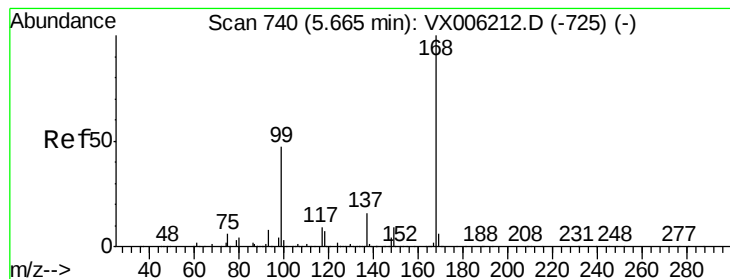
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006479.D

Acq: 13 Dec 2018 07:19

Instrument :

MSVOA_X

ClientSampleId :

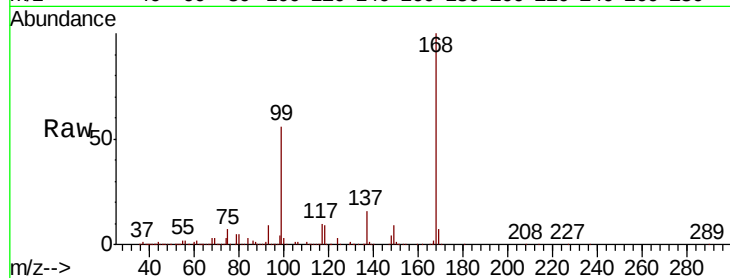
SOIL-CUTTINGS

Tot Ion:168 Resp: 658968

Ion Ratio Lower Upper

168 100

99 55.8 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

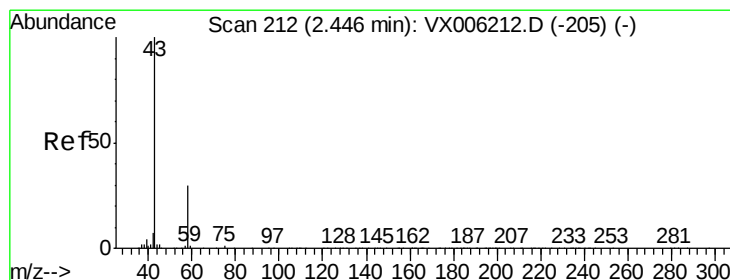
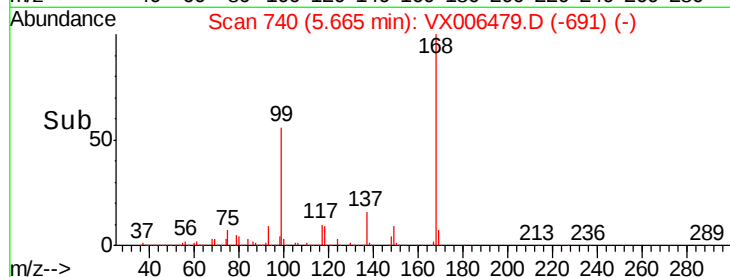
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.159 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006479.D

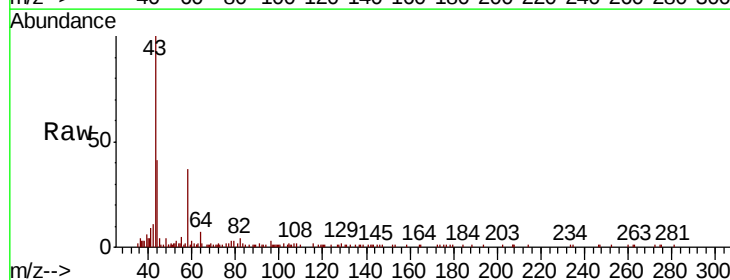
Acq: 13 Dec 2018 07:19

Tgt Ion: 43 Resp: 16287

Ion Ratio Lower Upper

43 100

58 36.4 24.0 36.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

10000

8000

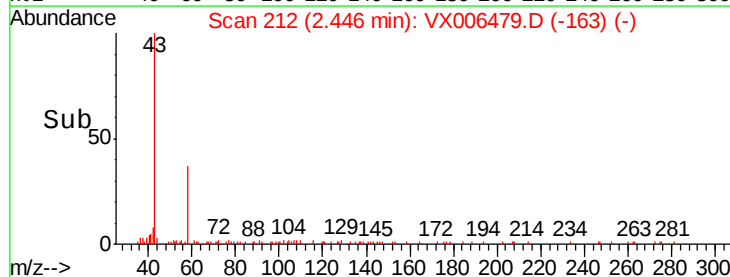
6000

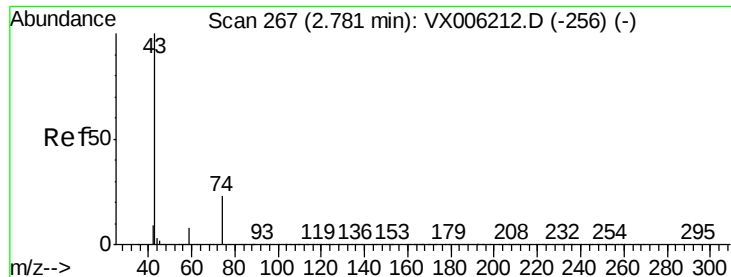
4000

2000

0

Time-->

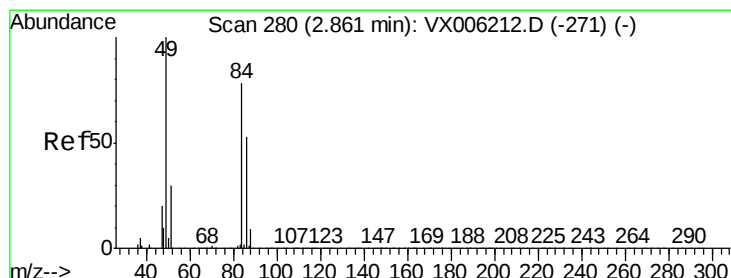
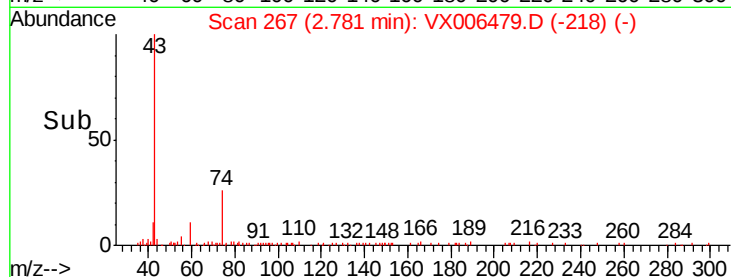
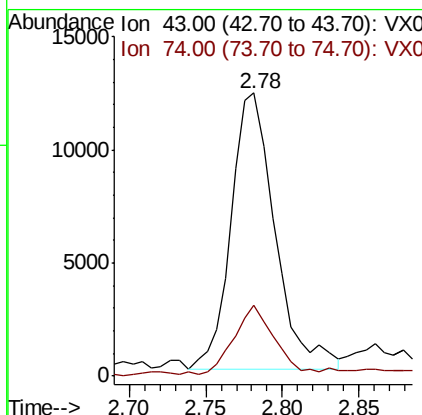
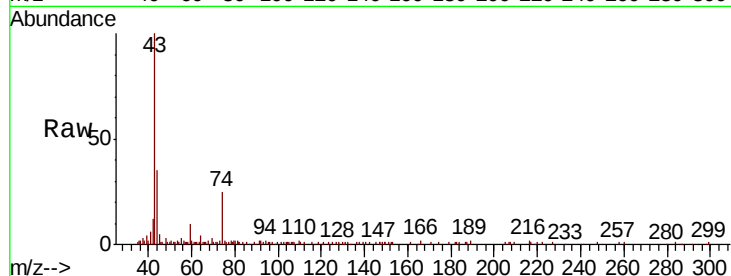




#18
Methyl Acetate
Concen: 2.301 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX006479.D
Acq: 13 Dec 2018 07:19

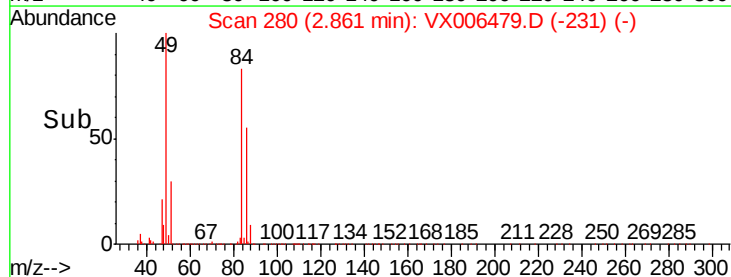
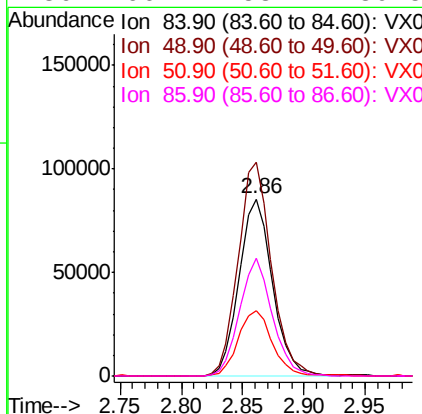
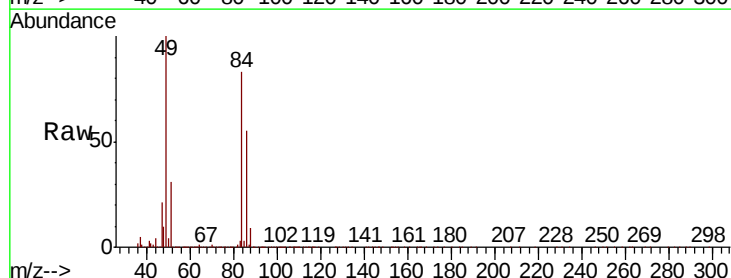
Instrument :
MSVOA_X
ClientSampleId :
SOIL-CUTTINGS

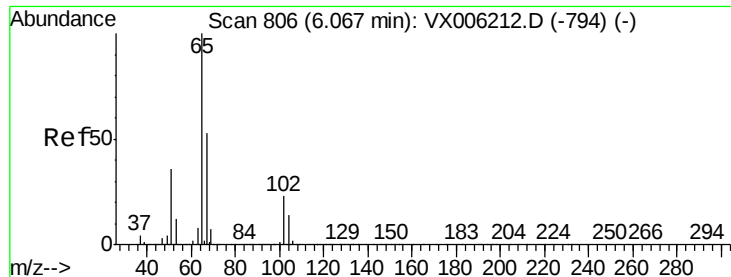
Tot Ion: 43 Resp: 24294
Ion Ratio Lower Upper
43 100
74 22.9 17.9 26.9



#20
Methylene Chloride
Concen: 24.127 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006479.D
Acq: 13 Dec 2018 07:19

Tgt Ion: 84 Resp: 162106
Ion Ratio Lower Upper
84 100
49 120.3 102.2 153.4
51 36.7 31.1 46.7
86 66.7 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 51.992 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006479.D

Acq: 13 Dec 2018 07:19

Instrument :

MSVOA_X

ClientSampleId :

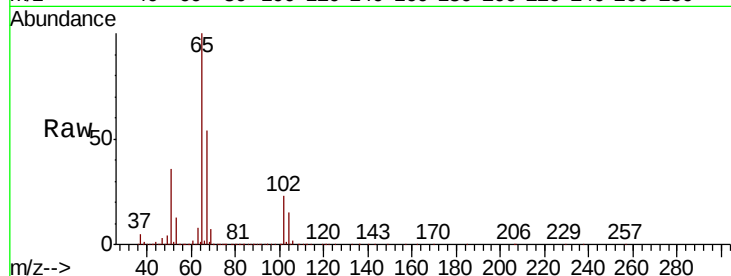
SOIL-CUTTINGS

Tot Ion: 65 Resp: 349748

Ion Ratio Lower Upper

65 100

67 52.8 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

150000

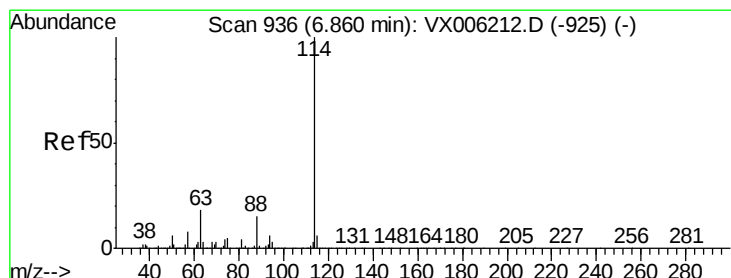
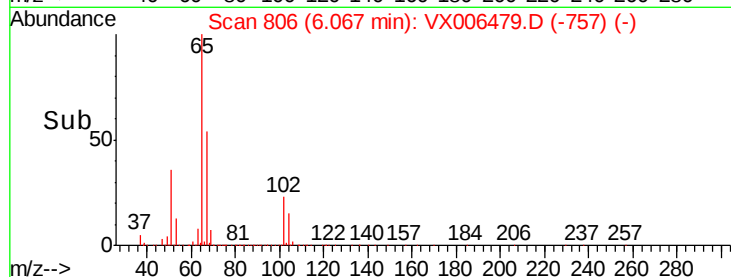
100000

50000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006479.D

Acq: 13 Dec 2018 07:19

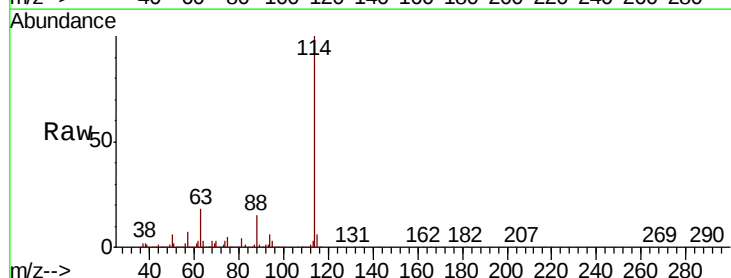
Tgt Ion: 114 Resp: 1032127

Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.6

88 15.2 0.0 29.0



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

600000

500000

400000

300000

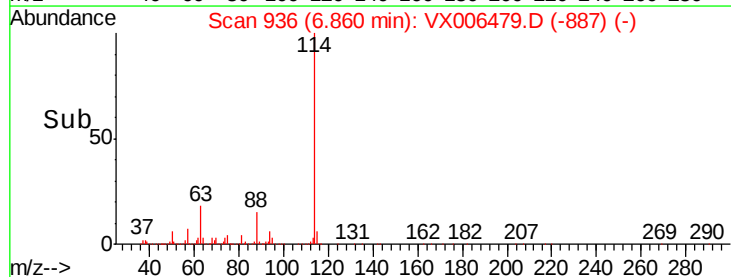
200000

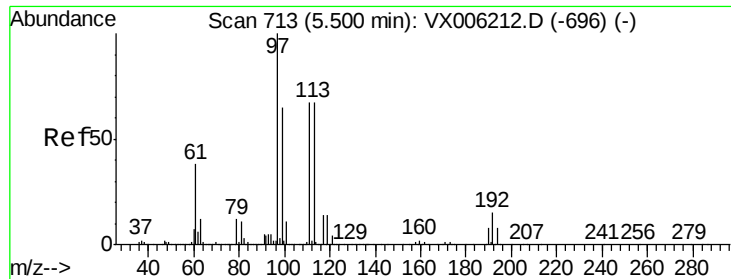
100000

0

Time-->

6.70 6.80 6.90 7.00

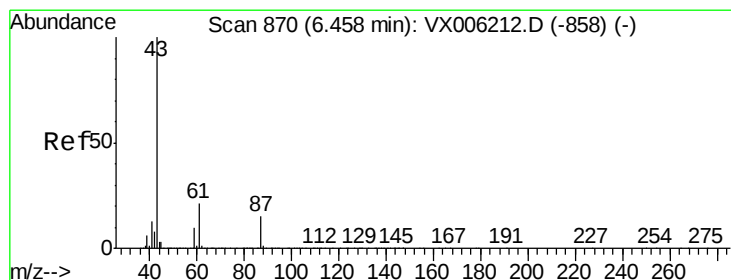
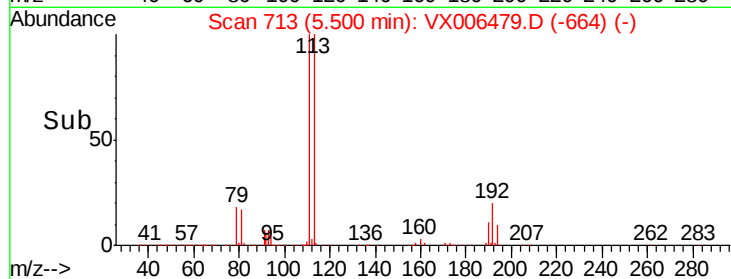
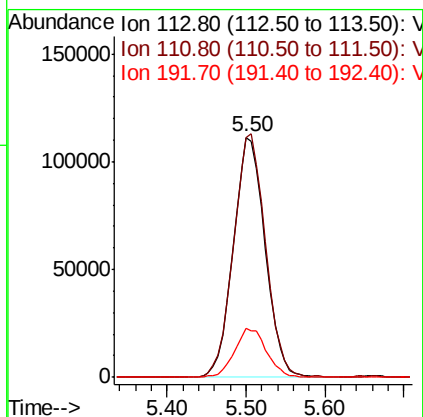
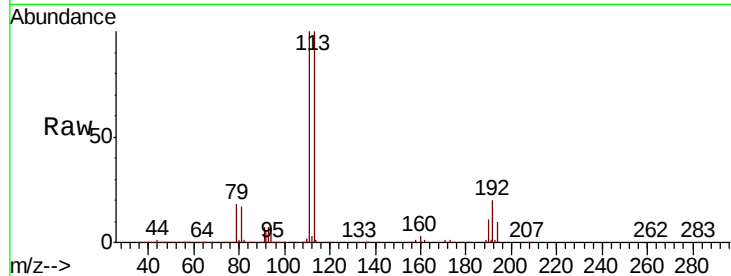




#35
 Dibromofluoromethane
 Concen: 46.716 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX006479.D
 Acq: 13 Dec 2018 07:19

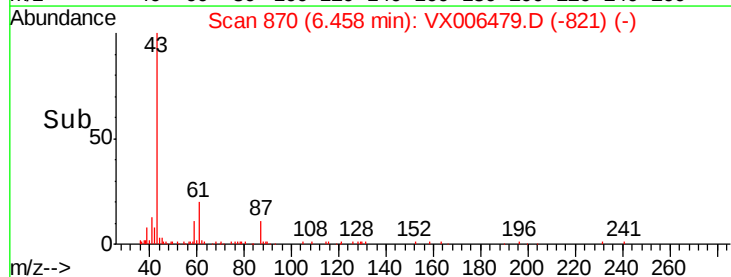
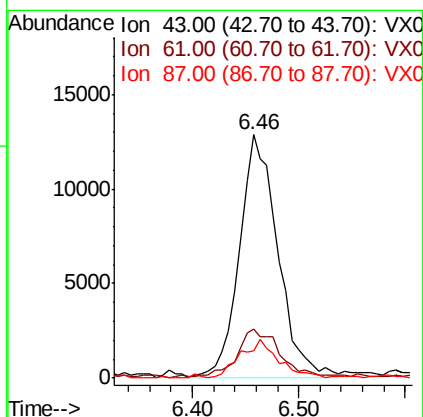
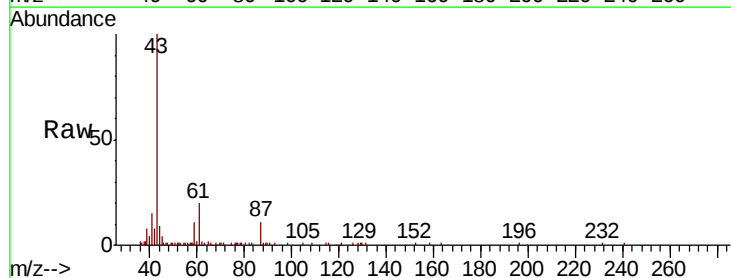
Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL-CUTTINGS

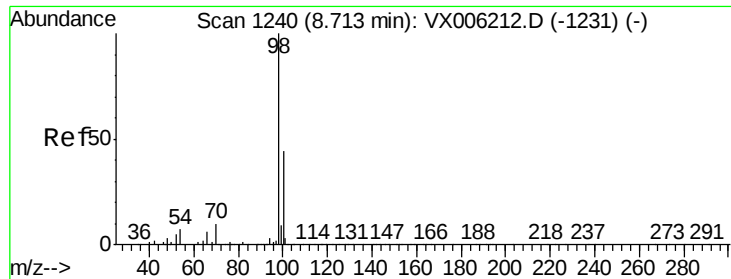
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.1	121.7
192	20.7	18.2	27.2



#43
 Isopropyl Acetate
 Concen: 2.019 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX006479.D
 Acq: 13 Dec 2018 07:19

Tgt Ion	Ratio	Lower	Upper
43	100		
61	21.8	16.8	25.2
87	15.7	11.9	17.9





#50

Toluene-d8

Concen: 50.343 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006479.D

Acq: 13 Dec 2018 07:19

Instrument :

MSVOA_X

ClientSampleId :

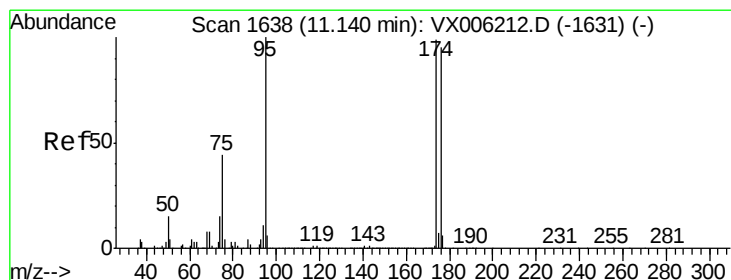
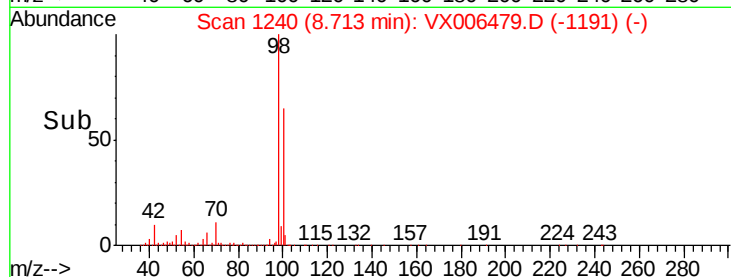
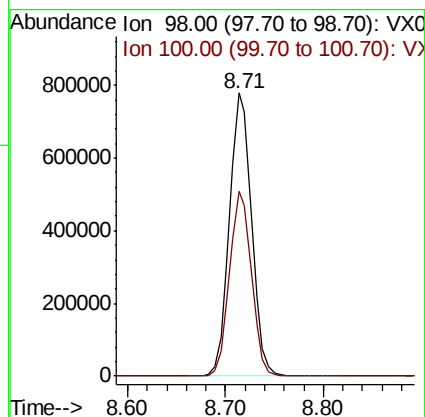
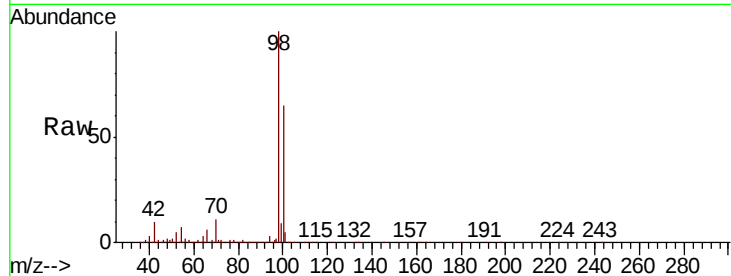
SOIL-CUTTINGS

Tot Ion: 98 Resp: 1223720

Ion Ratio Lower Upper

98 100

100 65.0 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 49.538 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006479.D

Acq: 13 Dec 2018 07:19

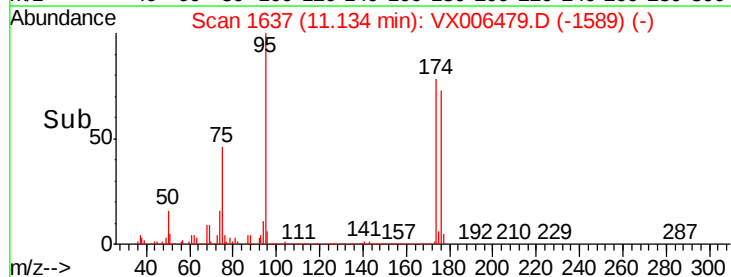
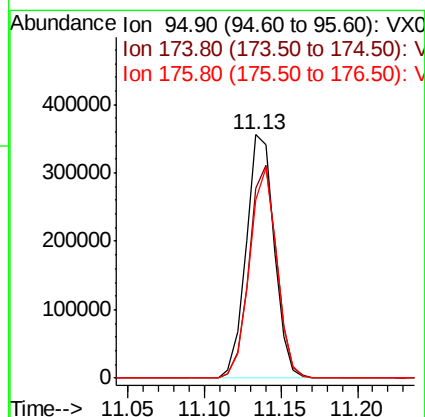
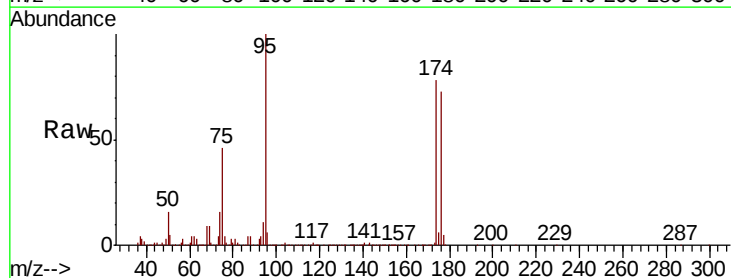
Tgt Ion: 95 Resp: 453757

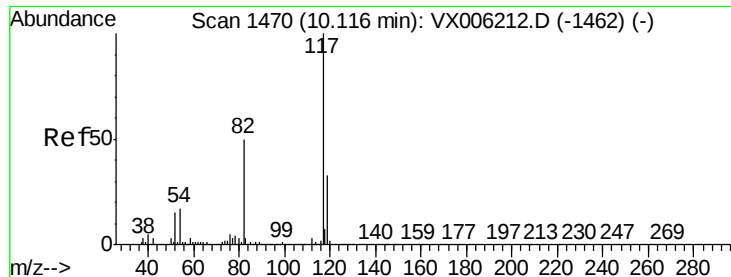
Ion Ratio Lower Upper

95 100

174 86.0 0.0 187.0

176 83.6 0.0 181.8

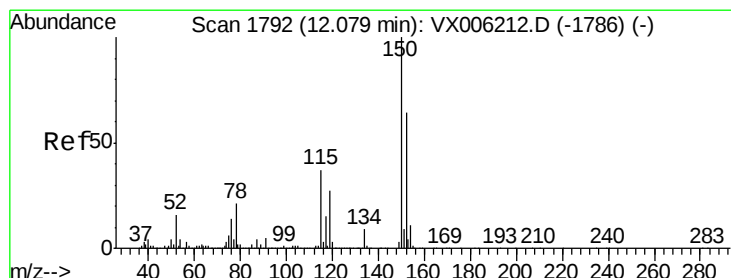
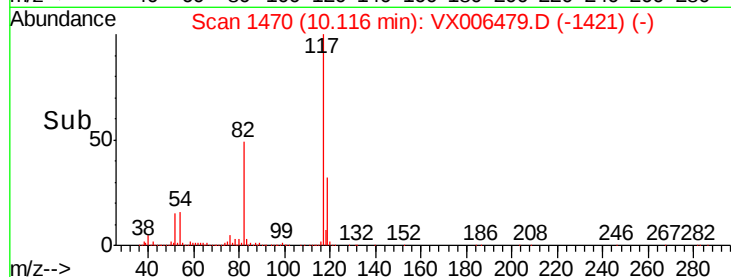
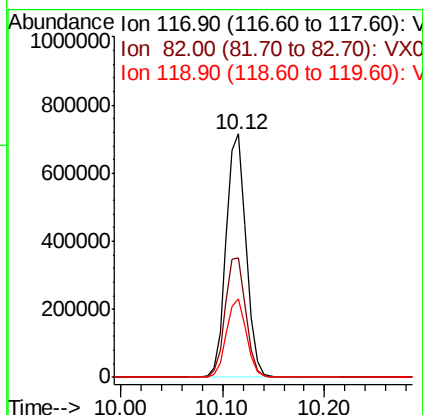
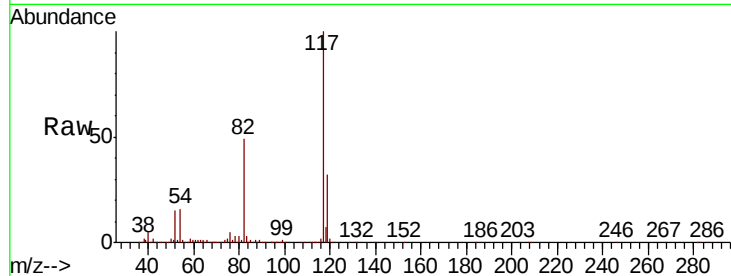




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006479.D
Acq: 13 Dec 2018 07:19

Instrument :
MSVOA_X
ClientSampleId :
SOIL-CUTTINGS

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.1	39.6	59.4
119	32.2	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006479.D
Acq: 13 Dec 2018 07:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.9	39.0	116.9
150	155.1	0.0	345.8

