

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121218\
 Data File : VX006476.D
 Acq On : 13 Dec 2018 05:59
 Operator : JC/MD
 Sample : J6354-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL

Quant Time: Dec 13 07:54:31 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

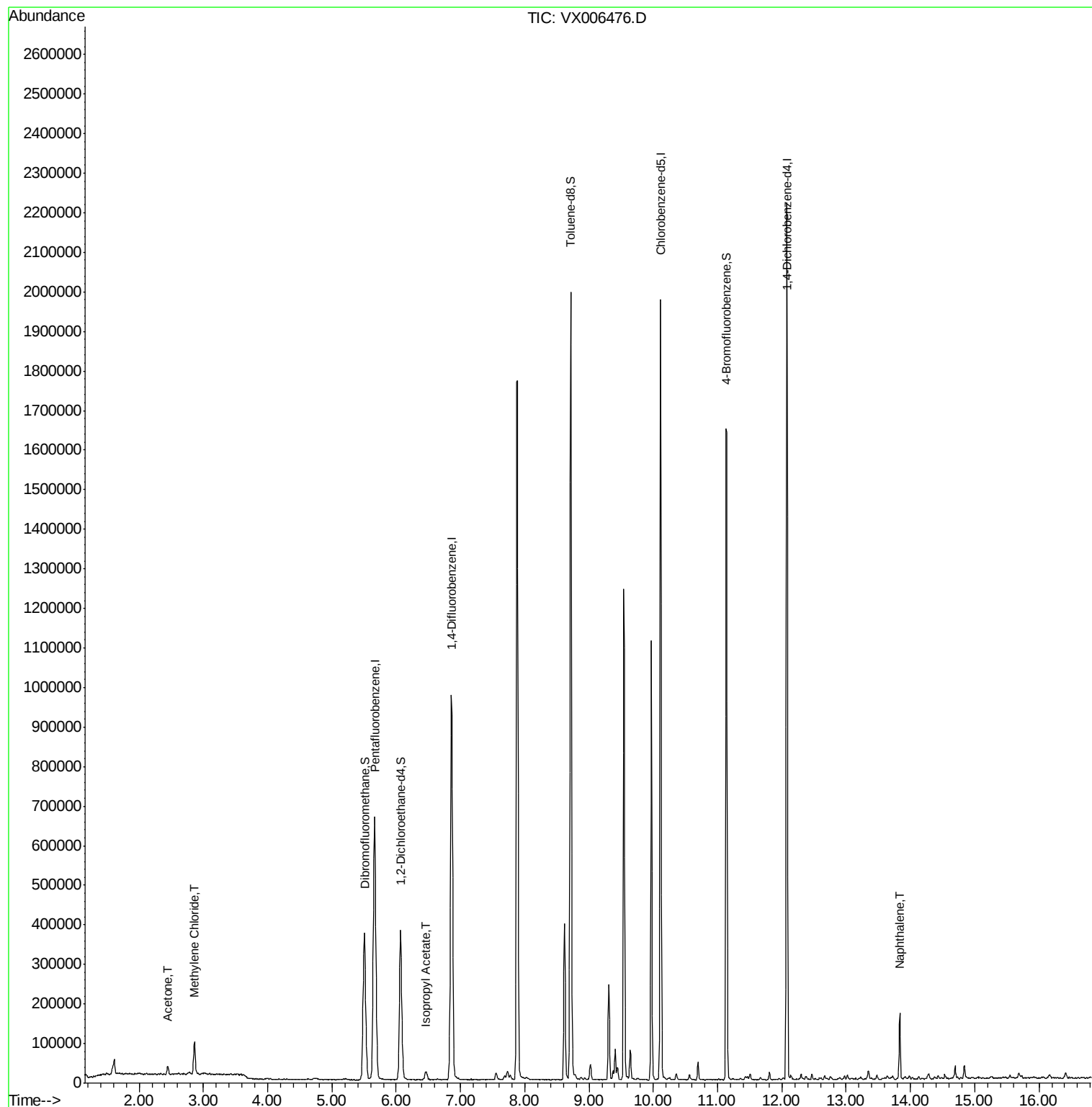
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	671900	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1052880	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	973735	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	470562	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	354318	51.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.32%	
35) Dibromofluoromethane	5.51	113	317626	46.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.18%	
50) Toluene-d8	8.71	98	1243924	50.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.34%	
62) 4-Bromofluorobenzene	11.13	95	461291	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.74%	
Target Compounds						
16) Acetone	2.45	43	22886	7.110	ug/l #	83
20) Methylene Chloride	2.86	84	39006	5.694	ug/l	89
43) Isopropyl Acetate	6.46	43	28060	1.695	ug/l	95
95) Naphthalene	13.83	128	103820	2.873	ug/l	99

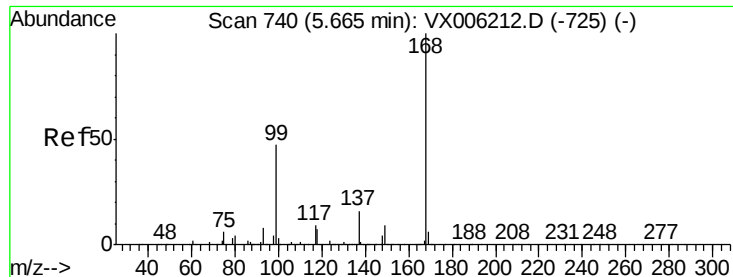
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121218\
Data File : VX006476.D
Acq On : 13 Dec 2018 05:59
Operator : JC/MD
Sample : J6354-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SOIL

Quant Time: Dec 13 07:54:31 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
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: VX006476.D

Acq: 13 Dec 2018 05:59

Instrument :

MSVOA_X

ClientSampled :

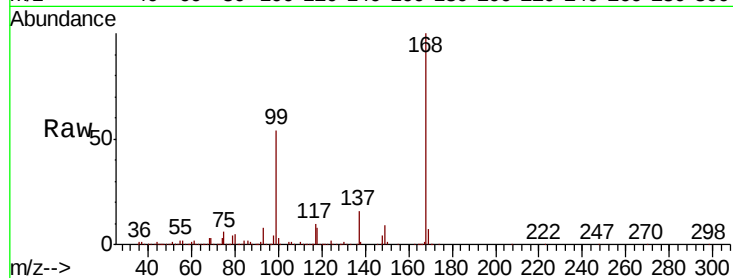
SOIL

Tot Ion:168 Resp: 671900

Ion Ratio Lower Upper

168 100

99 53.6 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

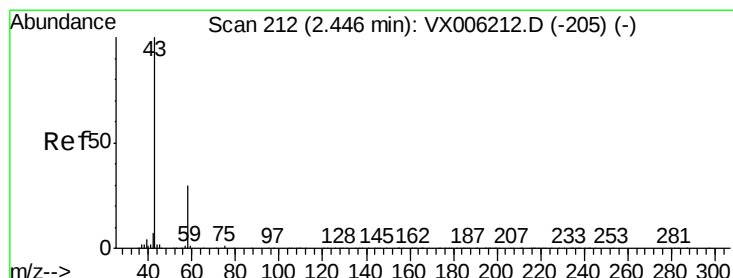
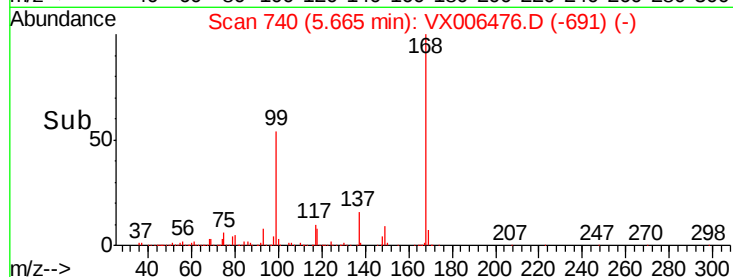
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#16

Acetone

Concen: 7.110 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006476.D

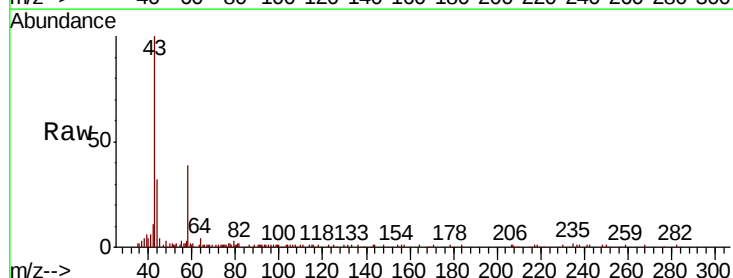
Acq: 13 Dec 2018 05:59

Tgt Ion: 43 Resp: 22886

Ion Ratio Lower Upper

43 100

58 39.2 24.0 36.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

15000

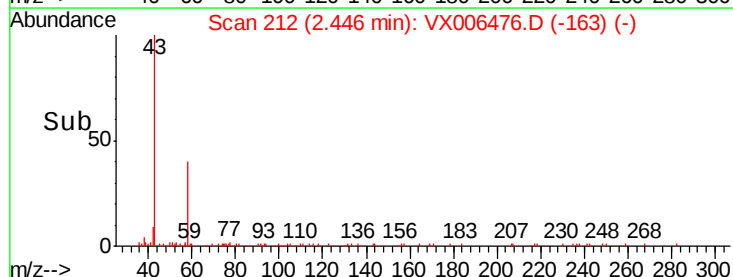
10000

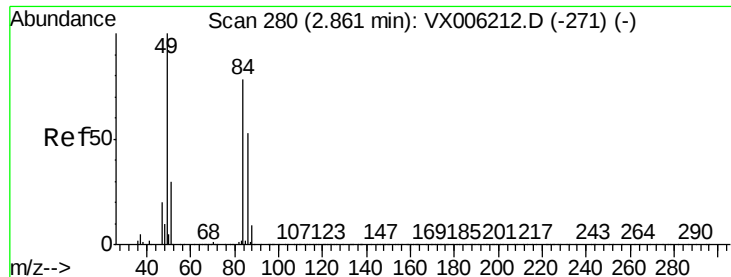
5000

0

2.35 2.40 2.45 2.50

Time-->

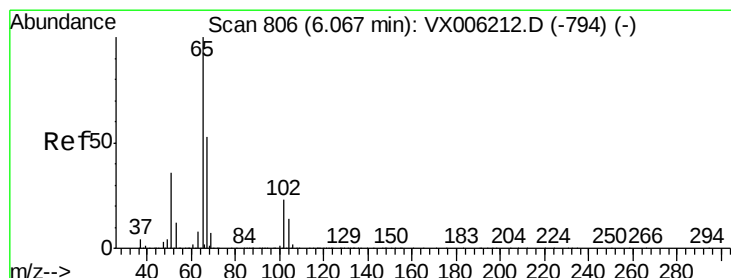
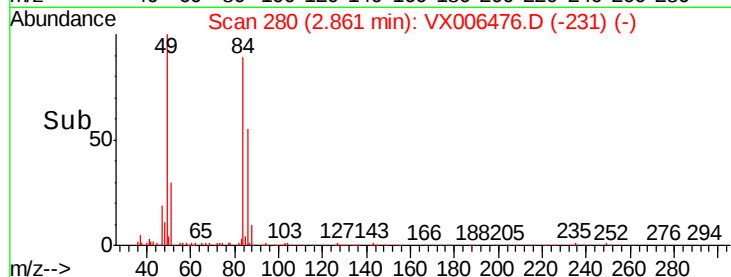
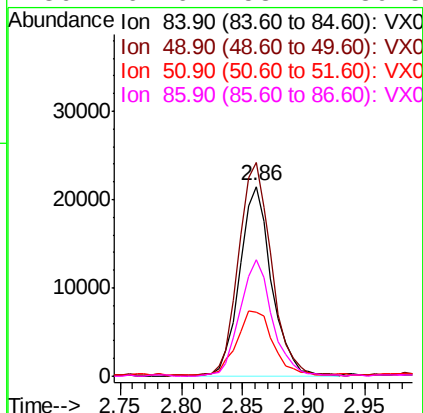
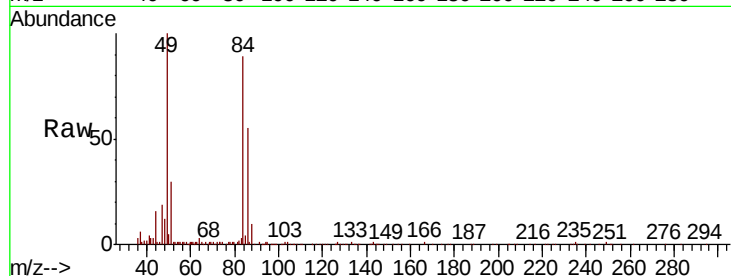




#20
Methvlene Chloride
Concen: 5.694 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006476.D
Acq: 13 Dec 2018 05:59

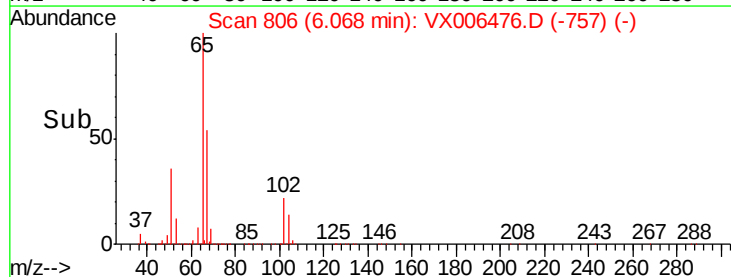
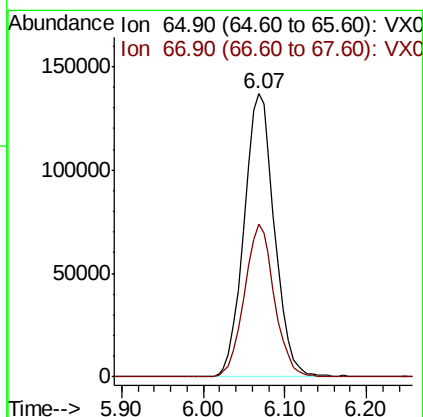
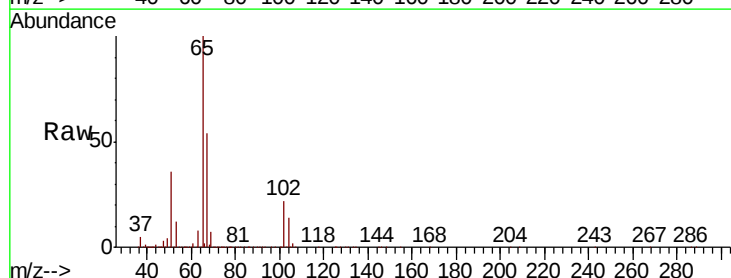
Instrument :
MSVOA_X
ClientSampleId :
SOIL

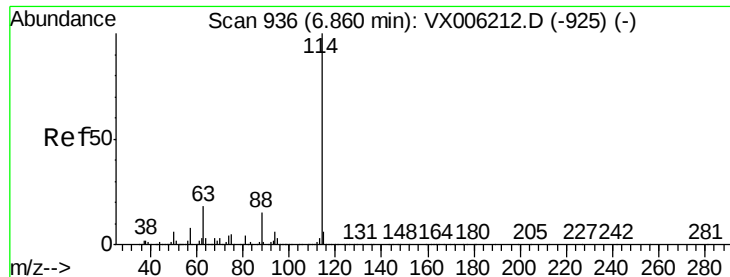
Tot Ion:	84	Resp:	39006
Ion	Ratio	Lower	Upper
84	100		
49	112.2	102.2	153.4
51	32.9	31.1	46.7
86	61.6	53.7	80.5



#33
1,2-Dichloroethane-d4
Concen: 51.657 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006476.D
Acq: 13 Dec 2018 05:59

Tgt Ion:	65	Resp:	354318
Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006476.D

Acq: 13 Dec 2018 05:59

Instrument :

MSVOA_X

ClientSampleId :

SOIL

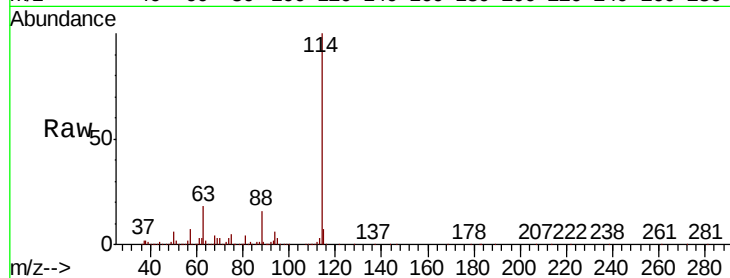
Tot Ion:114 Resp: 1052880

Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.6

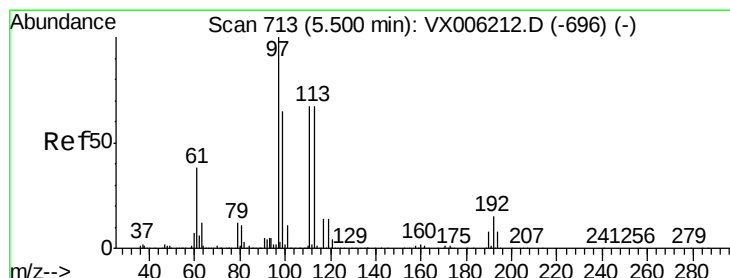
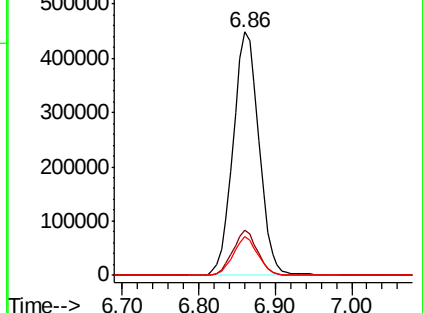
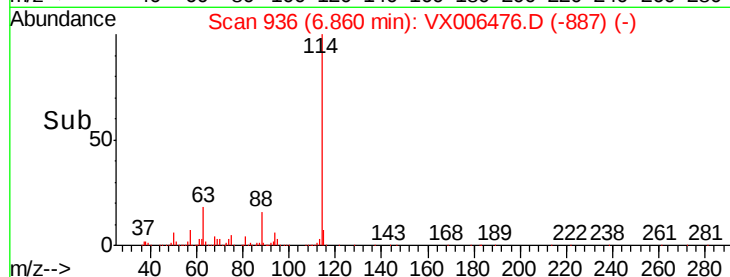
88 16.0 0.0 29.0



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



#35

Dibromofluoromethane

Concen: 46.593 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006476.D

Acq: 13 Dec 2018 05:59

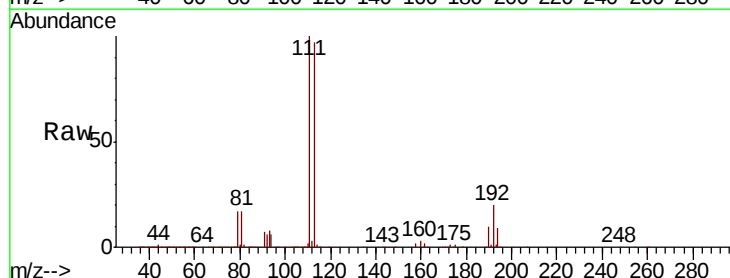
Tgt Ion:113 Resp: 317626

Ion Ratio Lower Upper

113 100

111 102.0 81.1 121.7

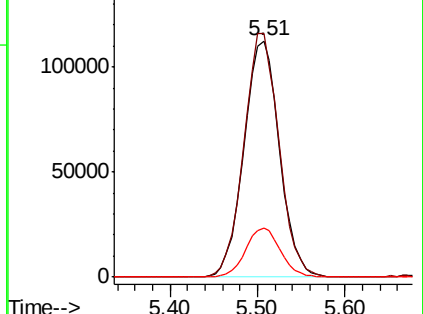
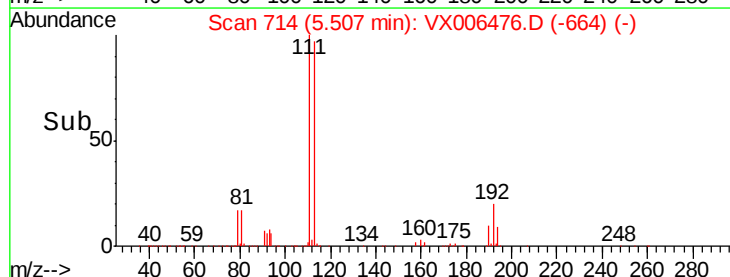
192 20.4 18.2 27.2

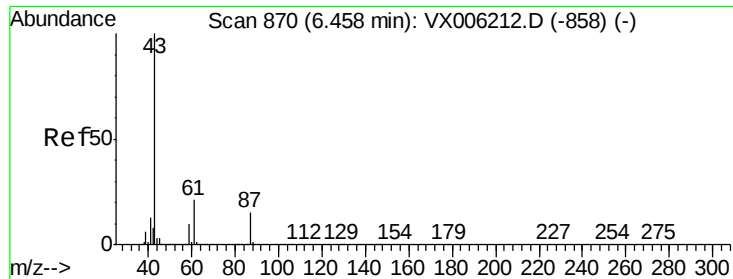


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



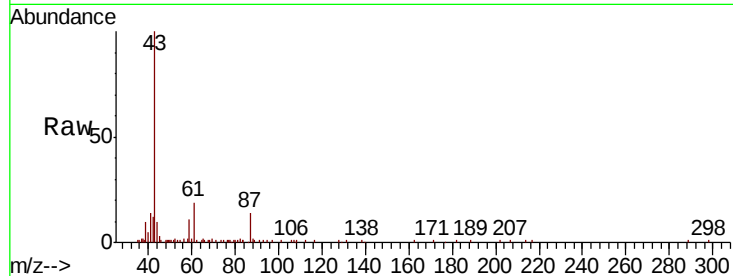


#43

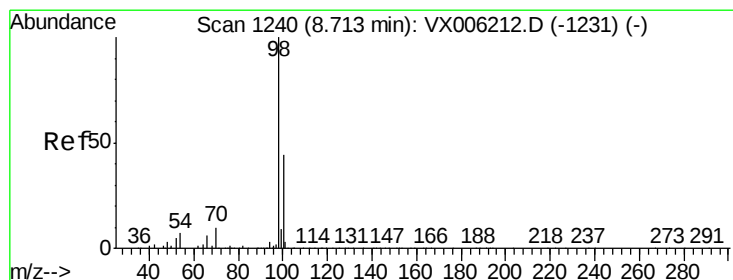
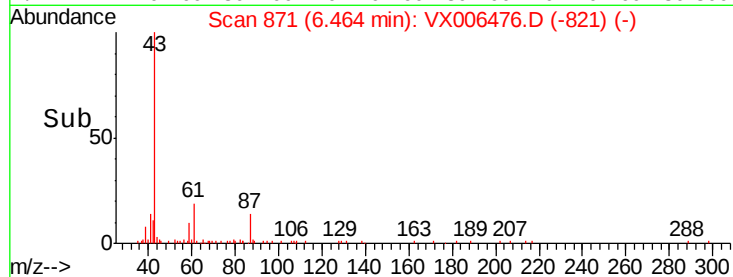
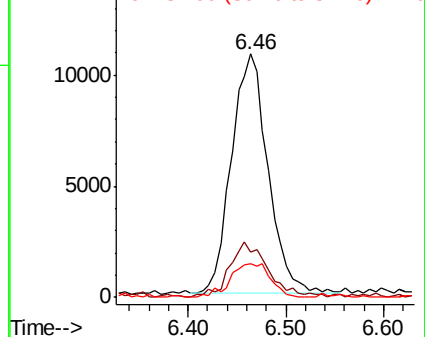
Isopropyl Acetate
 Concen: 1.695 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.01 min
 Lab File: VX006476.D
 Acq: 13 Dec 2018 05:59

Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL

Tot Ion	43	Resp	28060
Ion Ratio	Lower	Upper	
43	100		
61	24.4	16.8	25.2
87	15.4	11.9	17.9



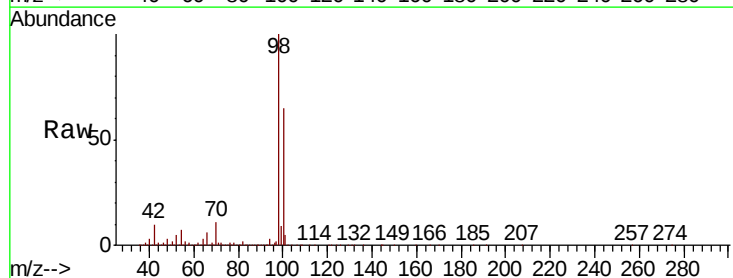
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



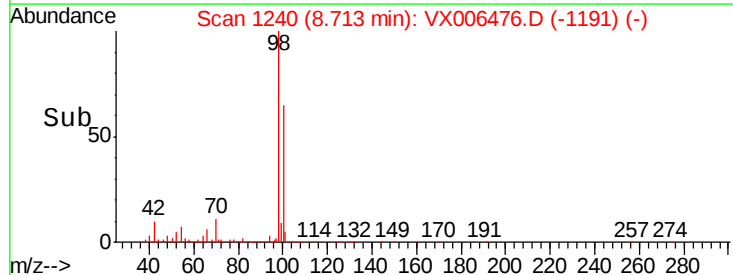
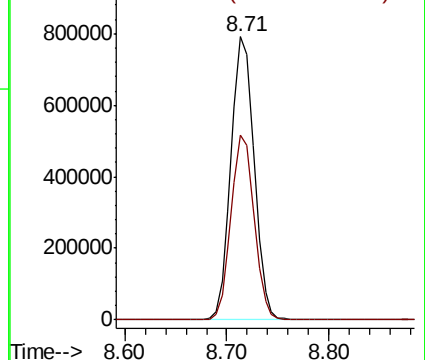
#50

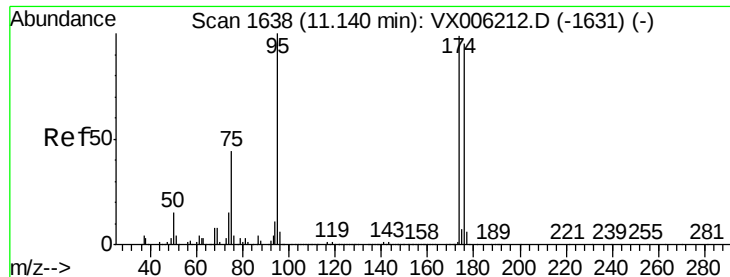
Toluene-d8
 Concen: 50.166 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX006476.D
 Acq: 13 Dec 2018 05:59

Tgt Ion	98	Resp	1243924
Ion Ratio	Lower	Upper	
98	100		
100	64.9	52.2	78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 49.368 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006476.D

Acq: 13 Dec 2018 05:59

Instrument :

MSVOA_X

ClientSampleId :

SOIL

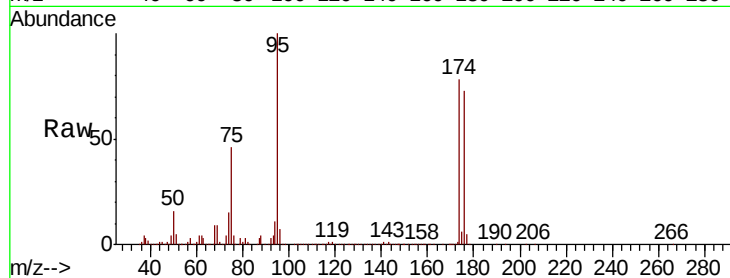
Tot Ion: 95 Resp: 461291

Ion Ratio Lower Upper

95 100

174 85.9 0.0 187.0

176 82.5 0.0 181.8



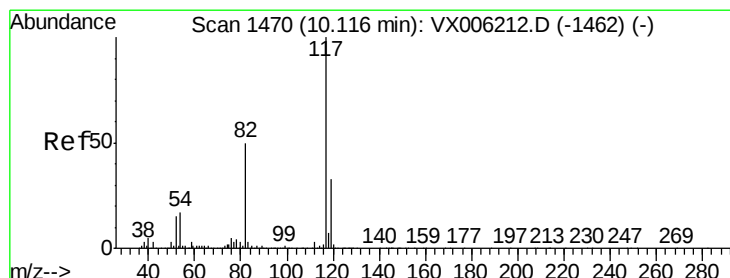
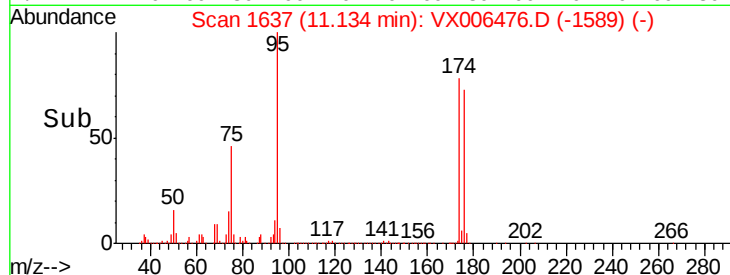
Abundance Ion 94.90 (94.60 to 95.60): VX006212.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX006212.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX006212.D (-1631) (-)

11.13

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006476.D

Acq: 13 Dec 2018 05:59

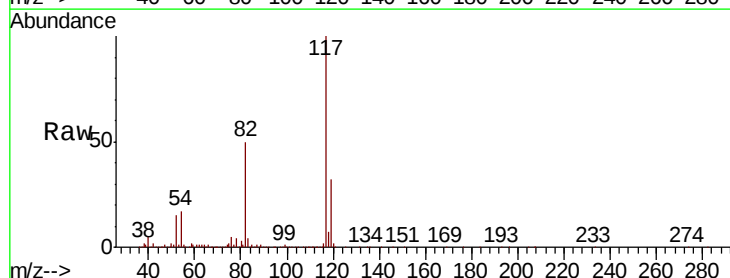
Tgt Ion: 117 Resp: 973735

Ion Ratio Lower Upper

117 100

82 50.4 39.6 59.4

119 31.9 26.3 39.5



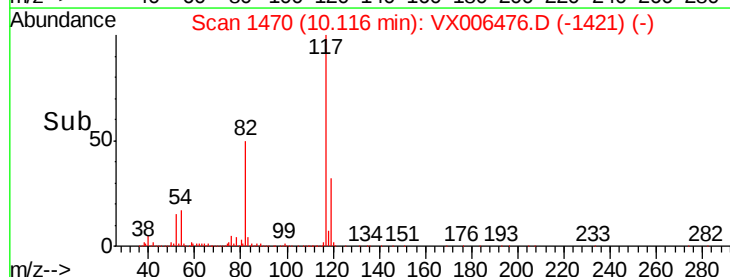
Abundance Ion 116.90 (116.60 to 117.60): VX006212.D (-1462) (-)

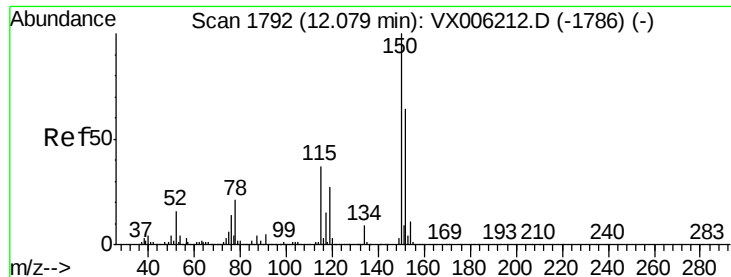
Ion 82.00 (81.70 to 82.70): VX006212.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX006212.D (-1462) (-)

10.12

Time-->



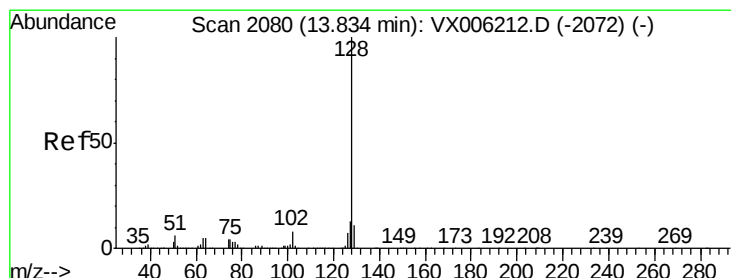
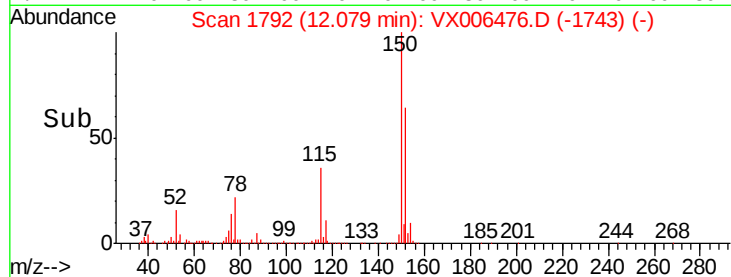
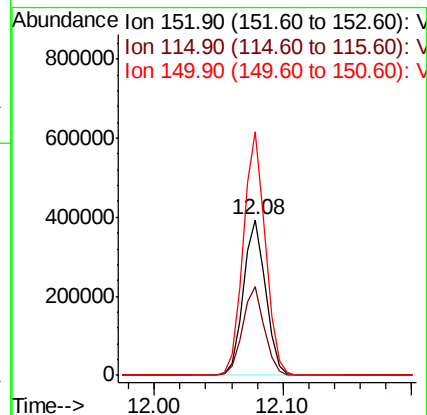
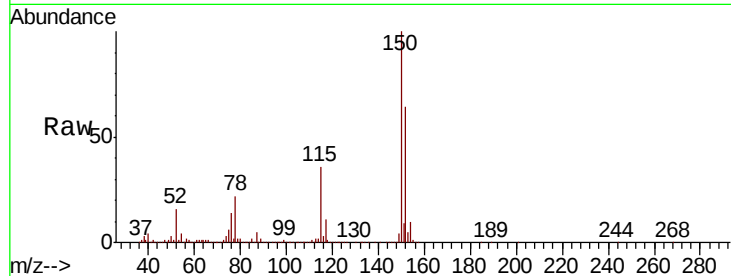


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006476.D
Acq: 13 Dec 2018 05:59

Instrument :
MSVOA_X
ClientSampleId :
SOIL

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.9	39.0	116.9
150	155.3	0.0	345.8



#95

Naphthalene
Concen: 2.873 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006476.D
Acq: 13 Dec 2018 05:59

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.2	15.4
129	10.8	8.9	13.3

