

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121118\
 Data File : VX006415.D
 Acq On : 11 Dec 2018 12:51
 Operator : JC/MD
 Sample : J6290-01
 Misc : 4.99g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL

Quant Time: Dec 11 13:46:40 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

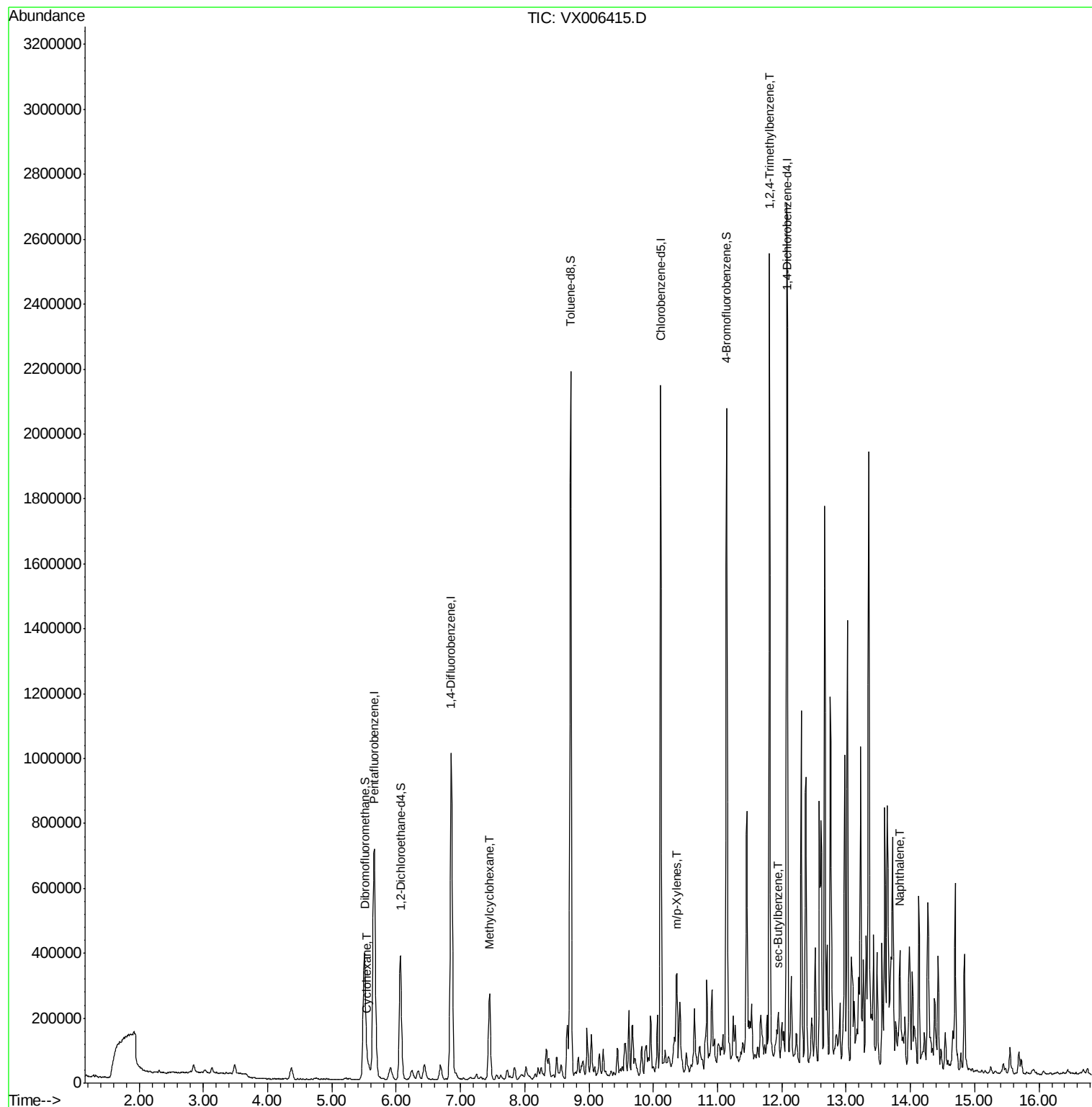
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	773782	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1115570	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1023177	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	570988	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	355504	45.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.02%	
35) Dibromofluoromethane	5.50	113	330738	45.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.58%	
50) Toluene-d8	8.71	98	1280271	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	
62) 4-Bromofluorobenzene	11.14	95	507316	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	
Target Compounds						
31) Cyclohexane	5.56	56	31907	2.796	ug/l	95
39) Methylcyclohexane	7.46	83	126327	10.360	ug/l	97
68) m/p-Xylenes	10.36	106	55085	3.807	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	1140304	33.660	ug/l	98
85) sec-Butylbenzene	11.94	105	54270	1.363	ug/l	98
95) Naphthalene	13.83	128	222983	5.084	ug/l #	94

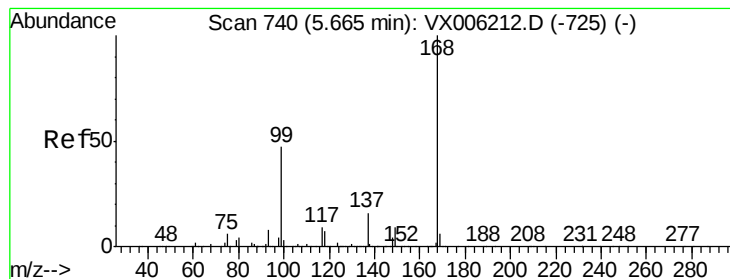
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SOIL

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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: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX006415.D

Acq: 11 Dec 2018 12:51

Instrument :

MSVOA_X

ClientSampled :

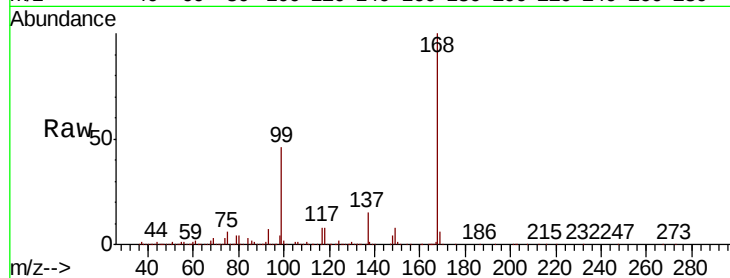
SOIL

Tot Ion:168 Resp: 773782

Ion Ratio Lower Upper

168 100

99 45.5 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

300000

250000

200000

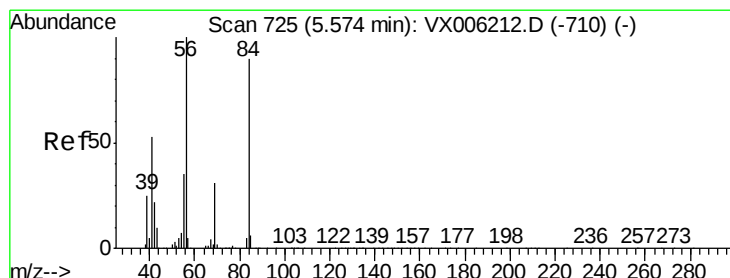
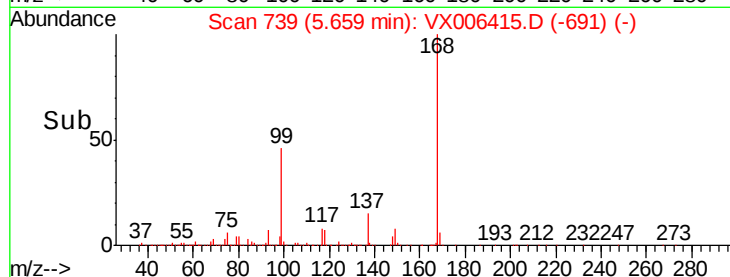
150000

100000

50000

0

Time-->



#31

Cyclohexane

Concen: 2.796 ug/l

RT: 5.56 min Scan# 722

Delta R.T. -0.02 min

Lab File: VX006415.D

Acq: 11 Dec 2018 12:51

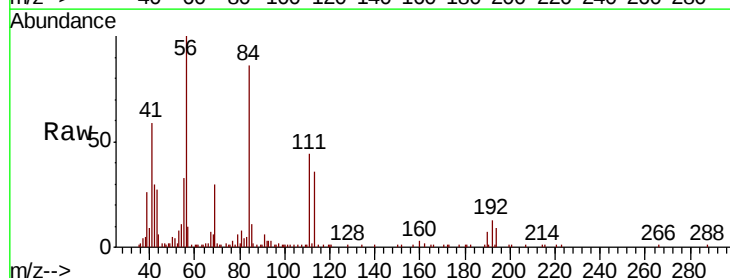
Tgt Ion: 56 Resp: 31907

Ion Ratio Lower Upper

56 100

69 27.6 24.5 36.7

84 85.4 71.8 107.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

12000

10000

8000

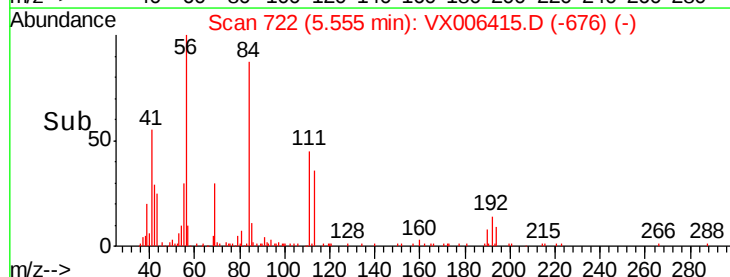
6000

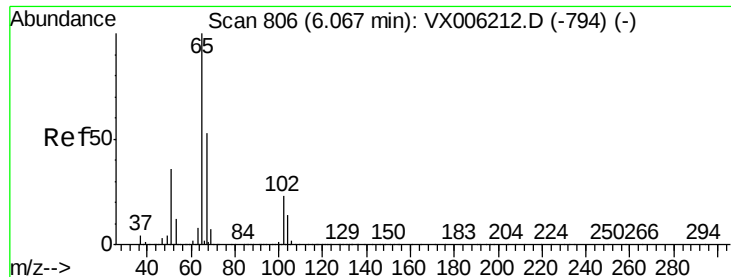
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 45.006 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX006415.D

Acq: 11 Dec 2018 12:51

Instrument :

MSVOA_X

ClientSampled :

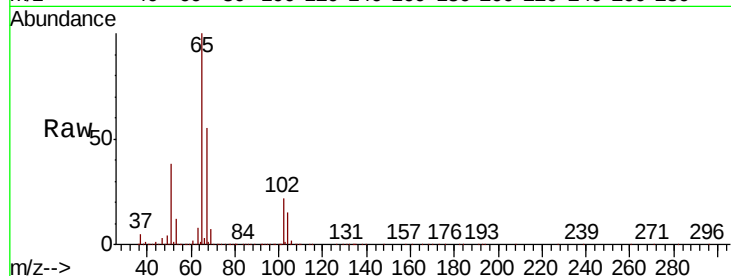
SOIL

Tot Ion: 65 Resp: 355504

Ion Ratio Lower Upper

65 100

67 54.0 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

150000

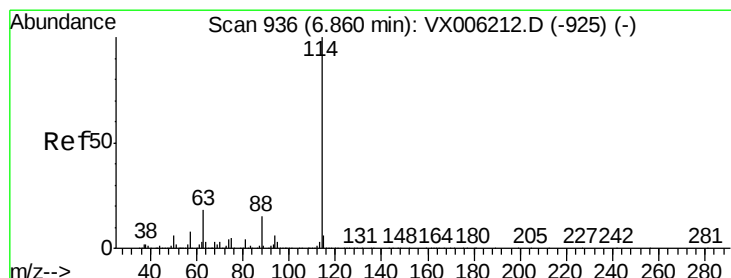
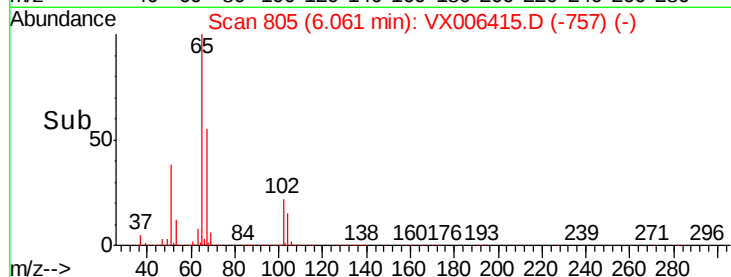
100000

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: VX006415.D

Acq: 11 Dec 2018 12:51

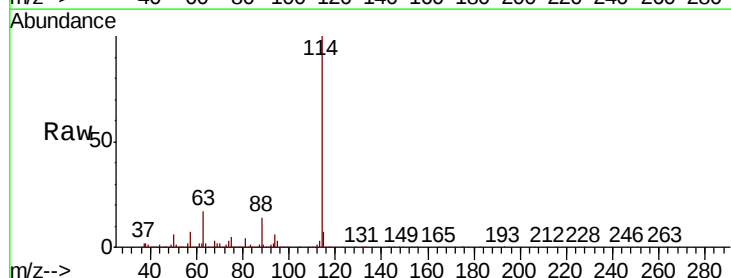
Tgt Ion: 114 Resp: 1115570

Ion Ratio Lower Upper

114 100

63 16.9 0.0 36.6

88 14.0 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

6.86

600000

500000

400000

300000

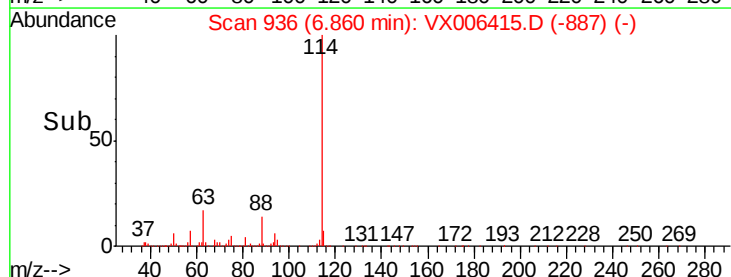
200000

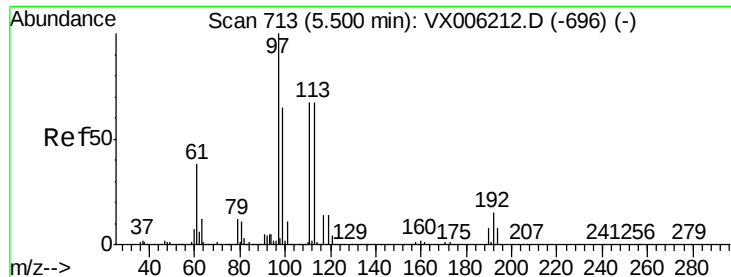
100000

0

Time-->

6.70 6.80 6.90 7.00

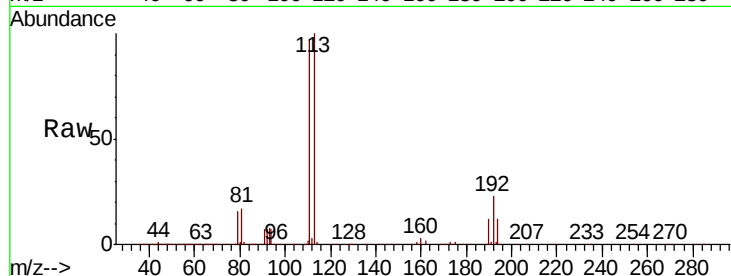




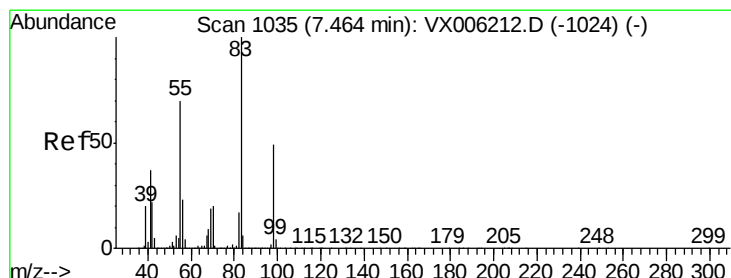
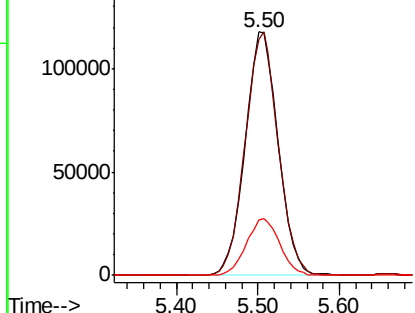
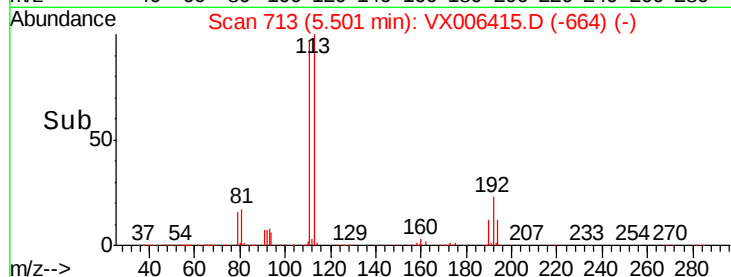
#35
Dibromofluoromethane
Concen: 45.790 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX006415.D
Acq: 11 Dec 2018 12:51

Instrument :
MSVOA_X
ClientSampled :
SOIL

Tot Ion:113 Resp: 330738
Ion Ratio Lower Upper
113 100
111 100.1 81.1 121.7
192 23.7 18.2 27.2

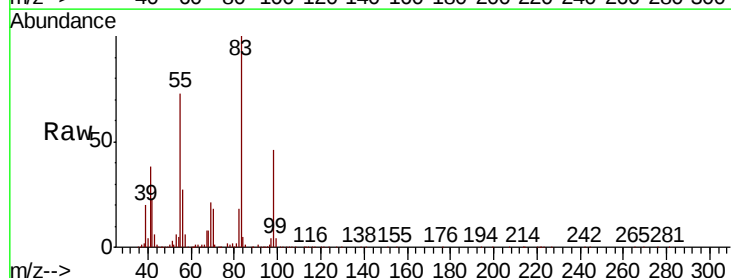


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

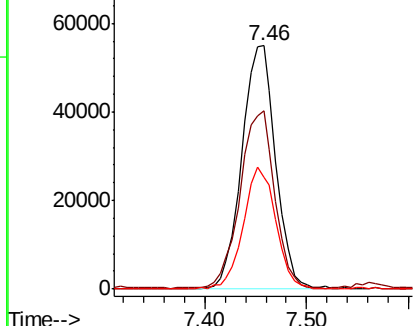
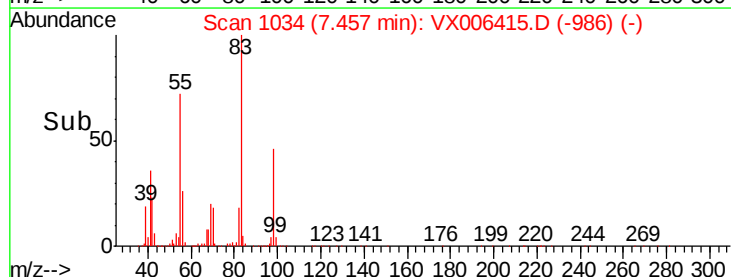


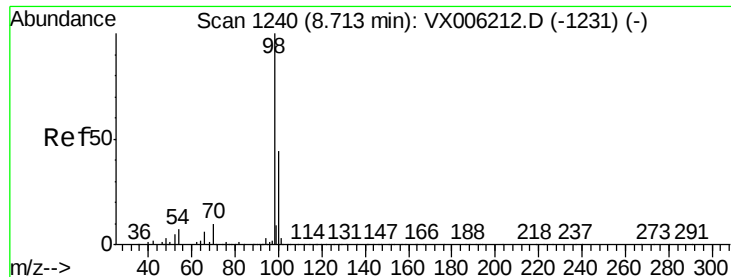
#39
Methylcyclohexane
Concen: 10.360 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX006415.D
Acq: 11 Dec 2018 12:51

Tgt Ion: 83 Resp: 126327
Ion Ratio Lower Upper
83 100
55 72.6 56.4 84.6
98 45.9 39.0 58.6



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#50

Toluene-d8

Concen: 48.730 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006415.D

Acq: 11 Dec 2018 12:51

Instrument :

MSVOA_X

ClientSampleId :

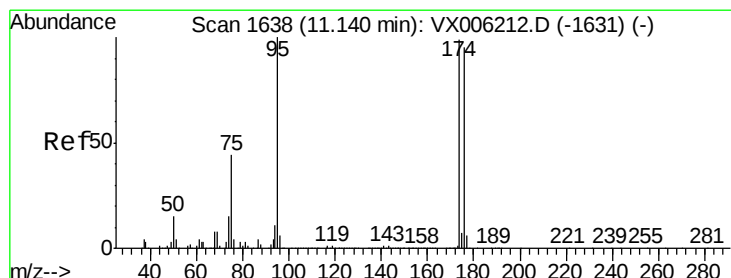
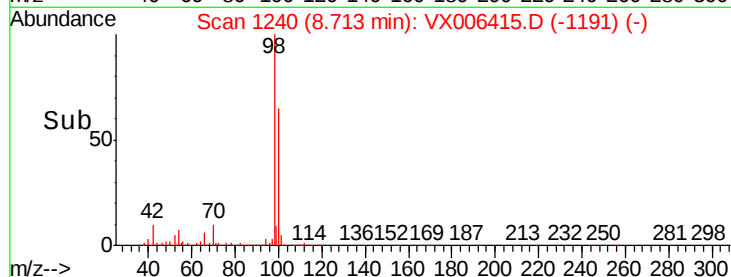
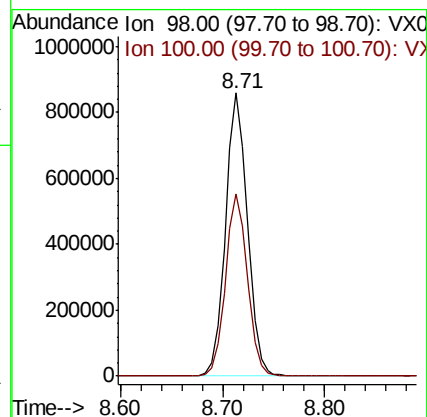
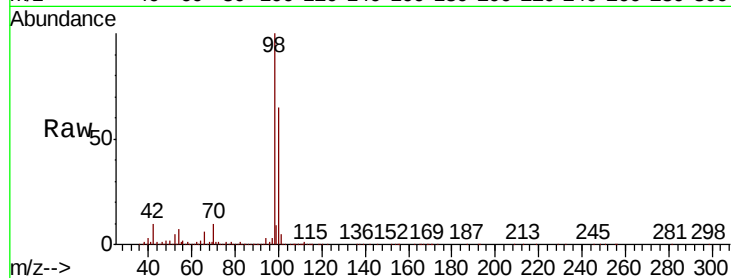
SOIL

Tot Ion: 98 Resp: 1280271

Ion Ratio Lower Upper

98 100

100 64.6 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 51.243 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX006415.D

Acq: 11 Dec 2018 12:51

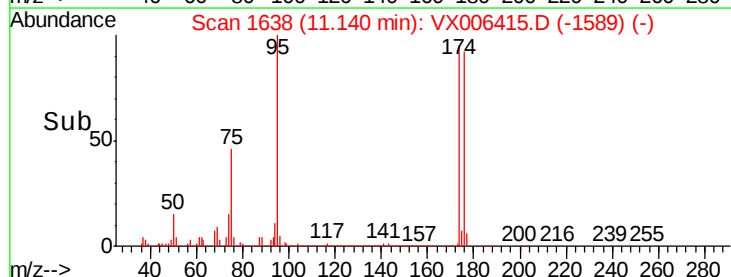
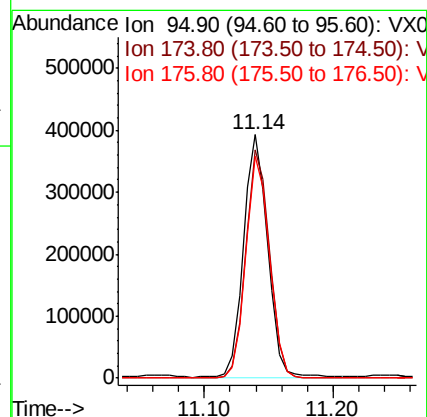
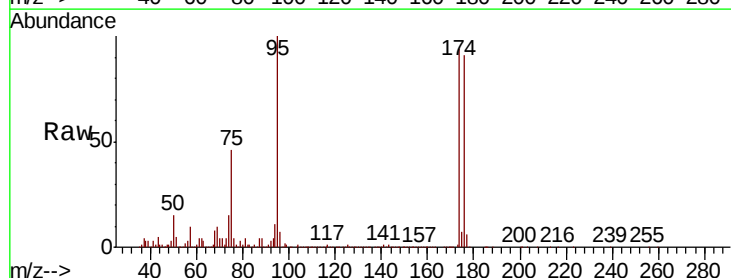
Tgt Ion: 95 Resp: 507316

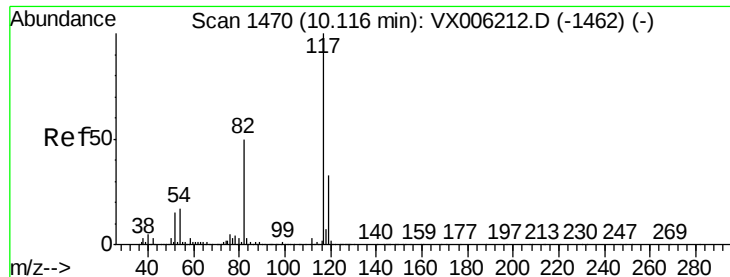
Ion Ratio Lower Upper

95 100

174 92.5 0.0 187.0

176 89.5 0.0 181.8

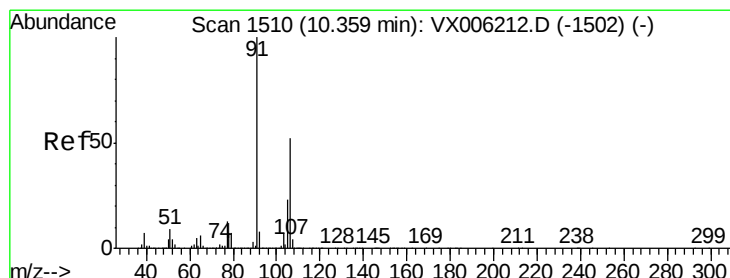
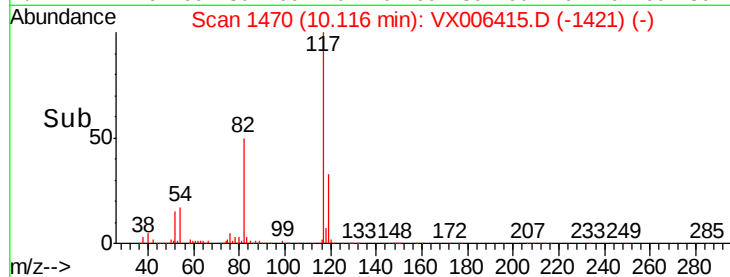
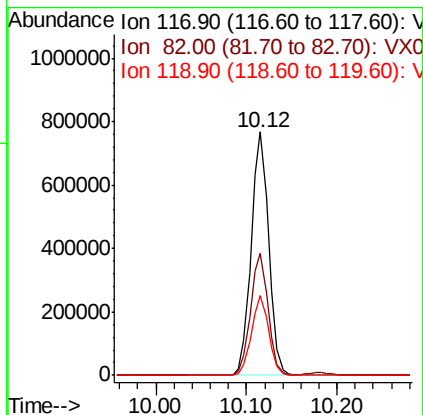
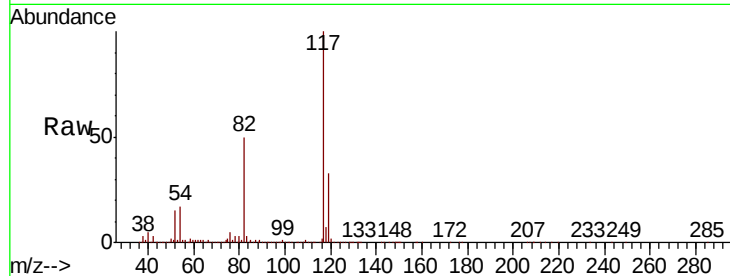




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006415.D
Acq: 11 Dec 2018 12:51

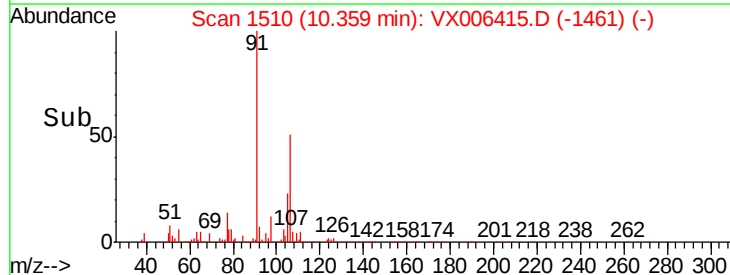
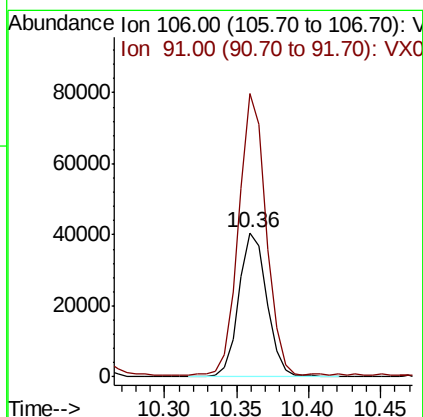
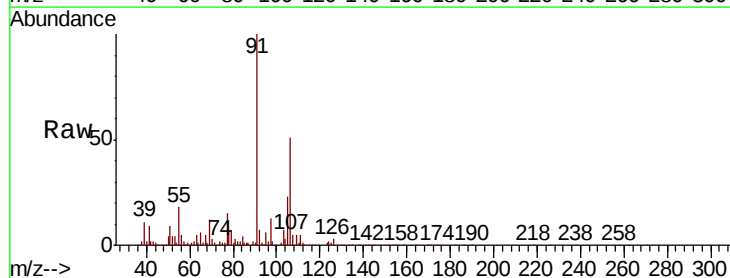
Instrument :
MSVOA_X
ClientSampleId :
SOIL

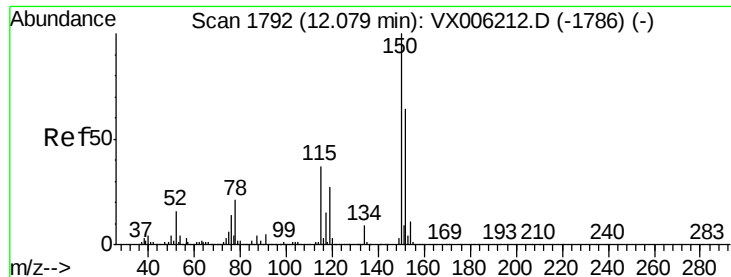
Tot Ion:117 Resp: 1023177
Ion Ratio Lower Upper
117 100
82 49.9 39.6 59.4
119 32.5 26.3 39.5



#68
m/p-Xylenes
Concen: 3.807 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006415.D
Acq: 11 Dec 2018 12:51

Tgt Ion:106 Resp: 55085
Ion Ratio Lower Upper
106 100
91 190.4 155.2 232.8



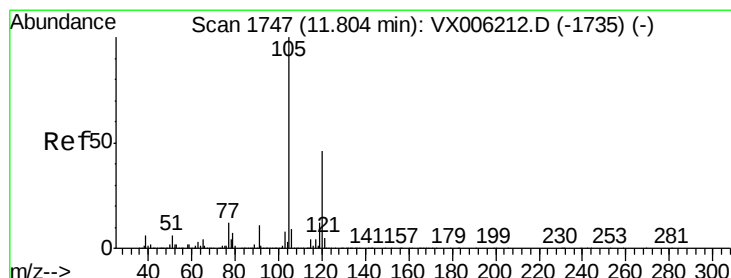
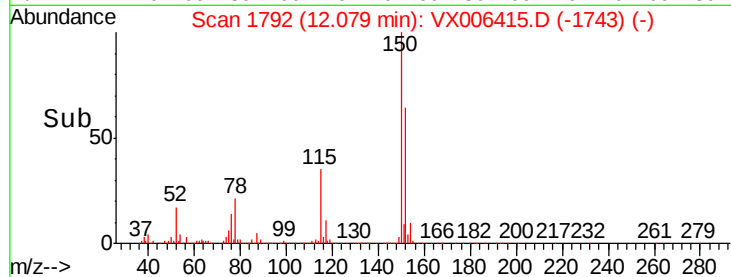
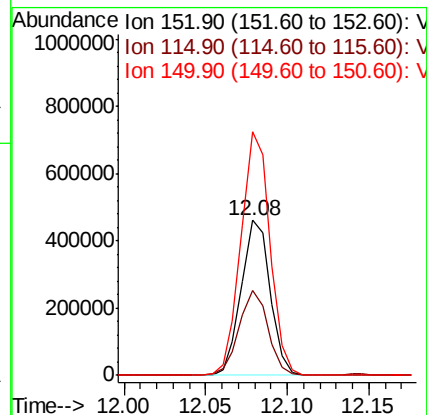
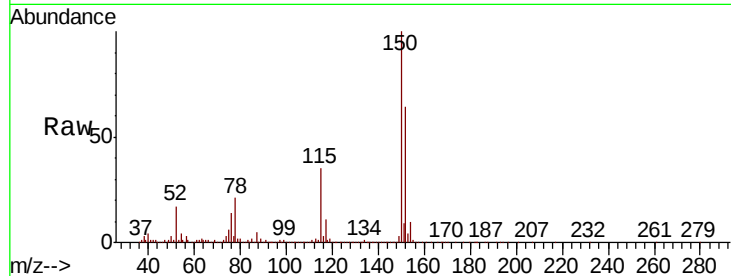


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006415.D
Acq: 11 Dec 2018 12:51

Instrument :
MSVOA_X
ClientSampled :
SOIL

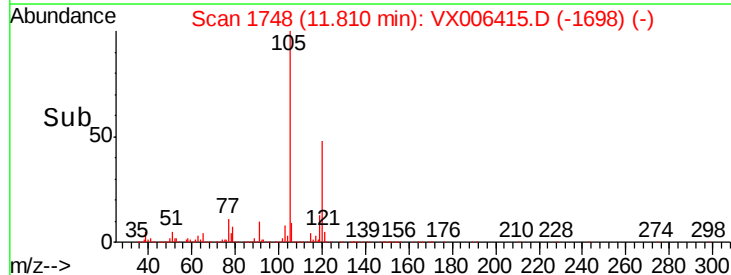
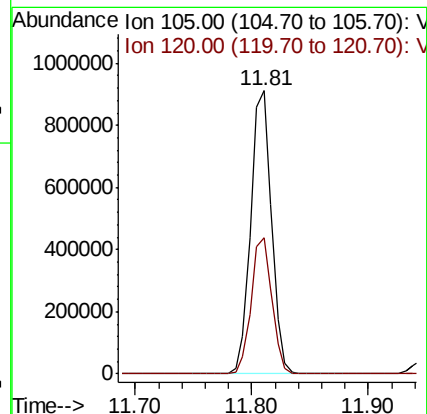
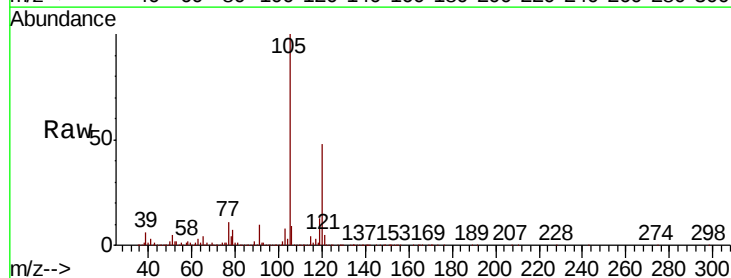
Tot Ion	Ratio	Lower	Upper
152	100		
115	54.4	39.0	116.9
150	157.2	0.0	345.8

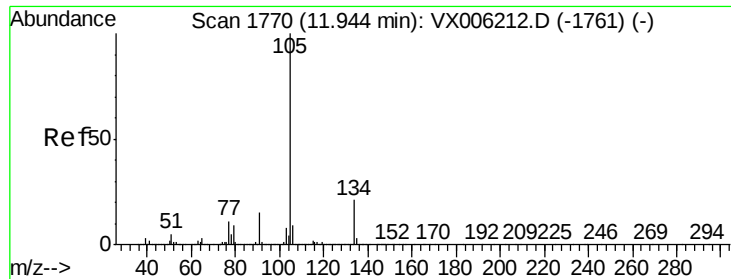


#84

1,2,4-Trimethylbenzene
Concen: 33.660 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VX006415.D
Acq: 11 Dec 2018 12:51

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.0	23.4	70.0





#85

sec-Butylbenzene

Concen: 1.363 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006415.D

Acq: 11 Dec 2018 12:51

Instrument :

MSVOA_X

ClientSampleId :

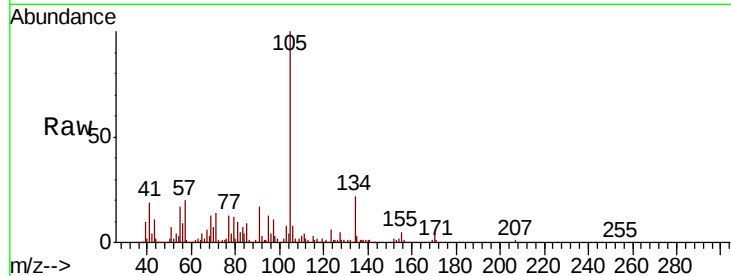
SOIL

Tot Ion:105 Resp: 54270

Ion Ratio Lower Upper

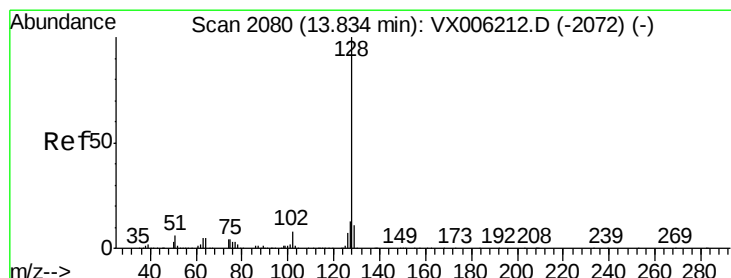
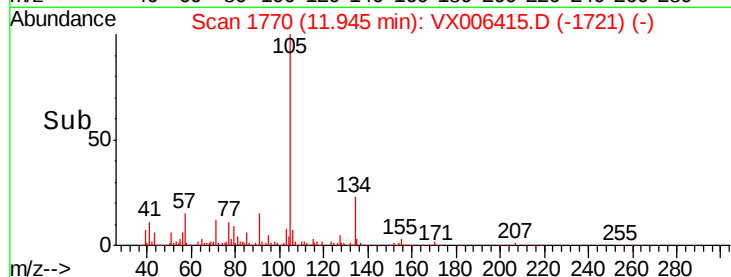
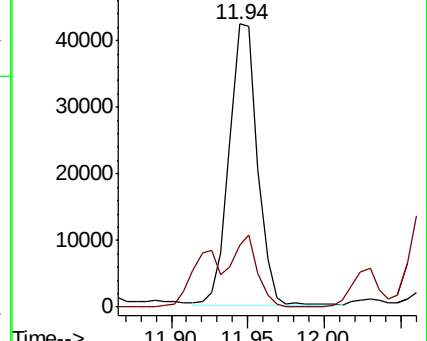
105 100

134 22.3 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#95

Naphthalene

Concen: 5.084 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006415.D

Acq: 11 Dec 2018 12:51

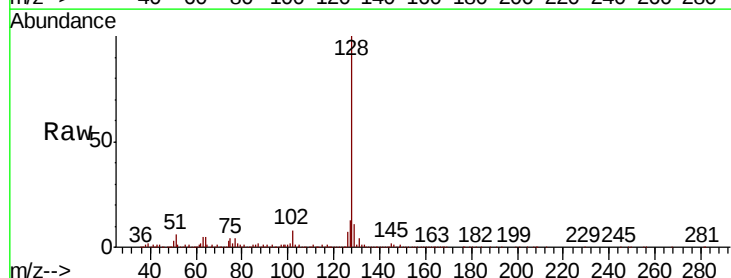
Tgt Ion:128 Resp: 222983

Ion Ratio Lower Upper

128 100

127 14.0 10.2 15.4

129 15.0 8.9 13.3#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

