

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050818\
 Data File : VX001544.D
 Acq On : 09 May 2018 05:35
 Operator : JC/MD
 Sample : J2780-06 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL

Quant Time: May 09 08:07:44 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

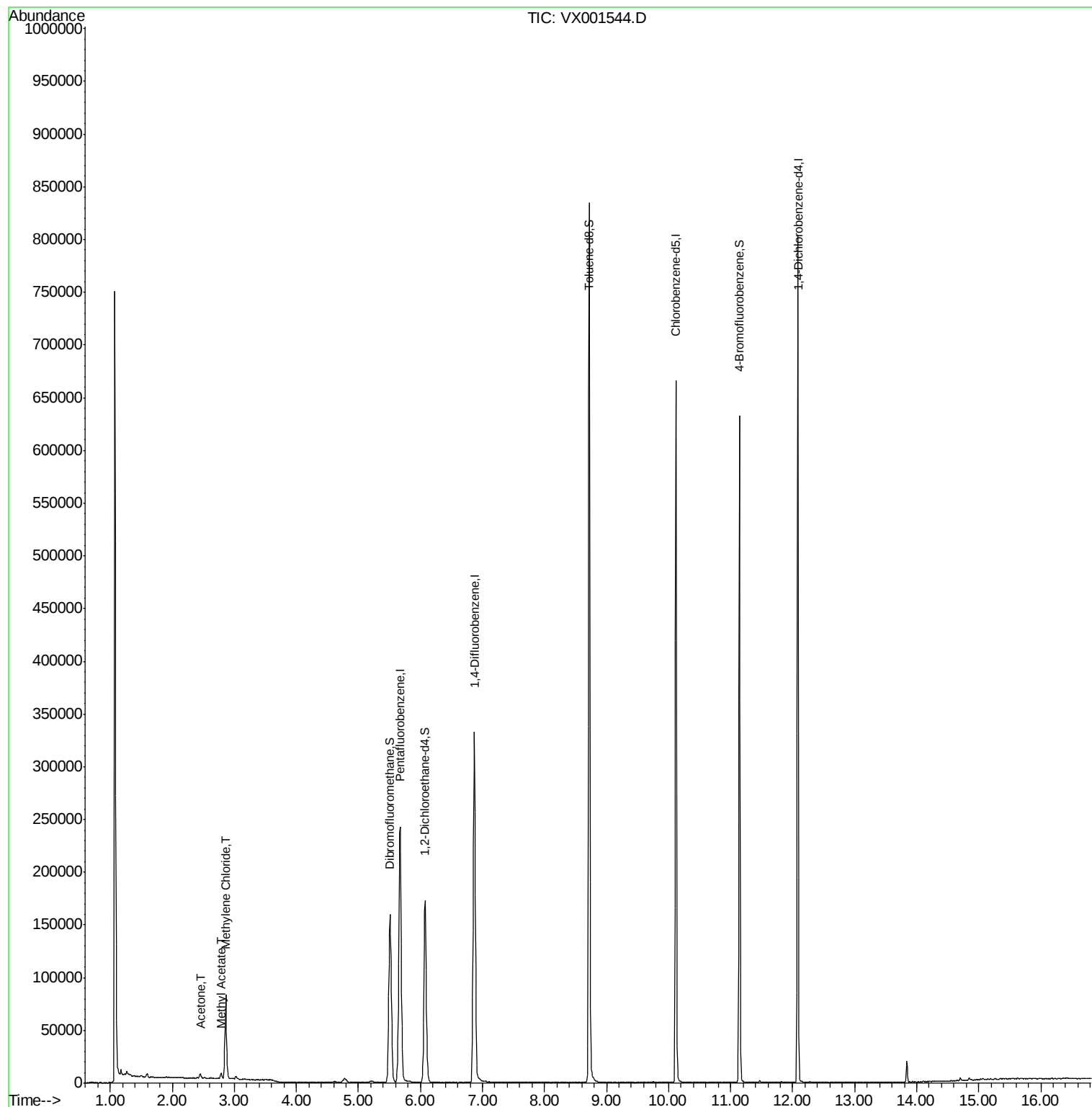
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	250051	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	337881	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	305401	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	172815	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	168225	46.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.62%	
35) Dibromofluoromethane	5.51	113	131976	43.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.82%	
50) Toluene-d8	8.72	98	472761	43.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.18%	
62) 4-Bromofluorobenzene	11.14	95	156320	37.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.24%	
Target Compounds						
16) Acetone	2.45	43	5086	3.12	ug/l	95
18) Methyl Acetate	2.79	43	6233	1.45	ug/l	98
20) Methylene Chloride	2.86	84	36126	11.18	ug/l	94

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001544.D

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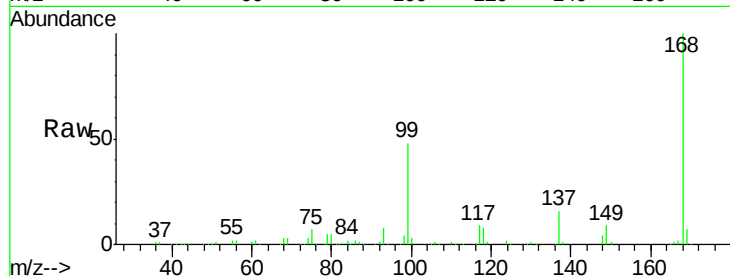
Instrument :
MSVOA_X
ClientSampleId :
SOIL

Tot Ion:168 Resp: 250051

Ion Ratio Lower Upper

168 100

99 47.9 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

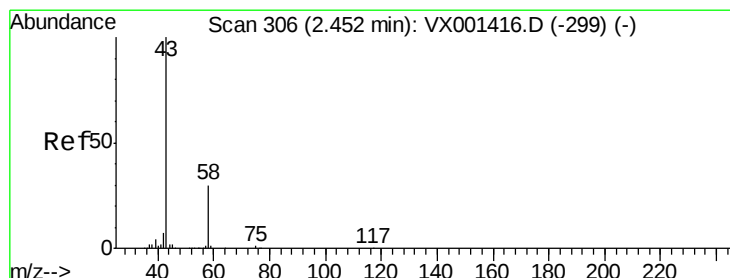
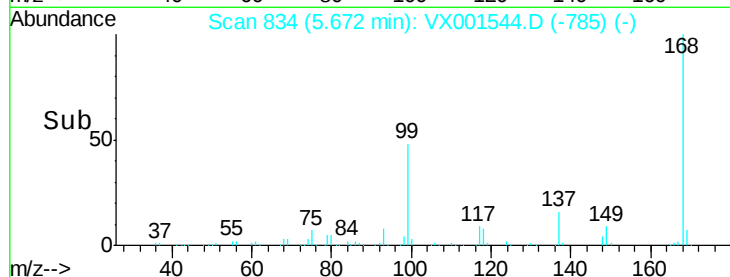
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 3.12 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001544.D

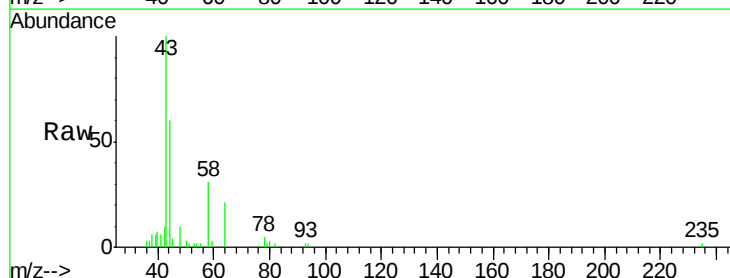
Acq: 09 May 2018 05:35

Tgt Ion: 43 Resp: 5086

Ion Ratio Lower Upper

43 100

58 32.4 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

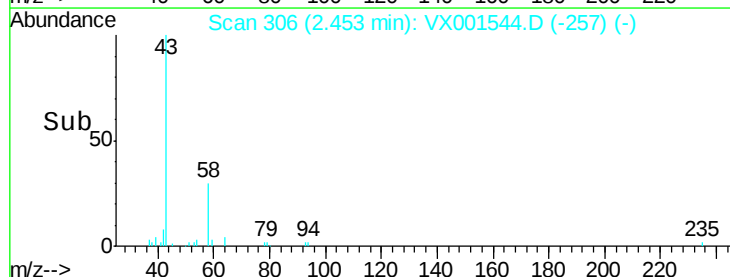
3000

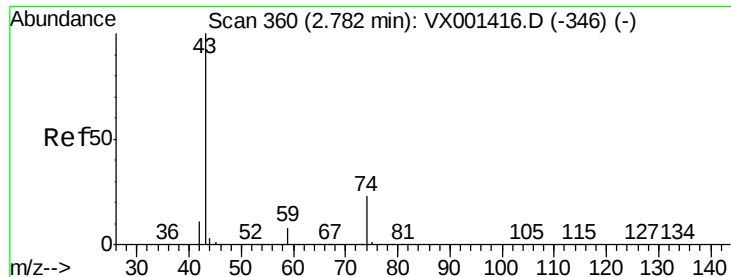
2000

1000

0

Time--> 2.40 2.45 2.50

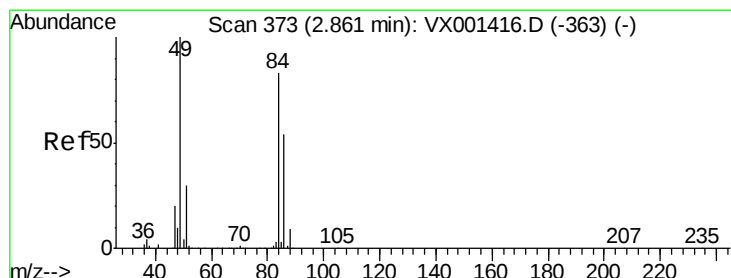
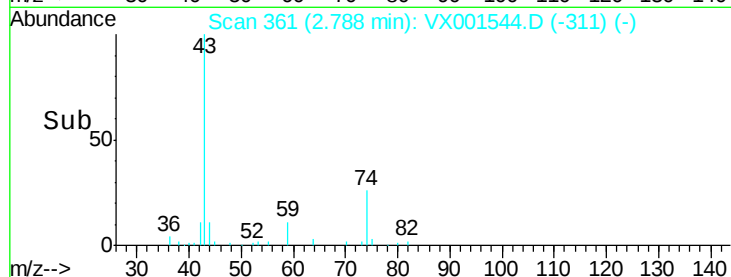
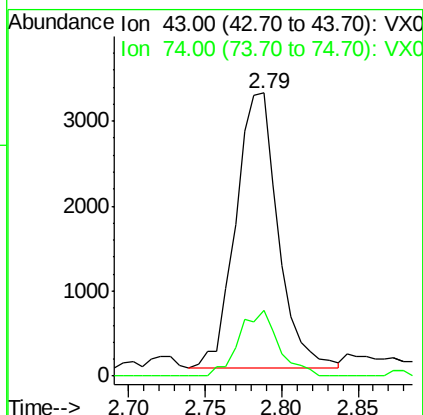
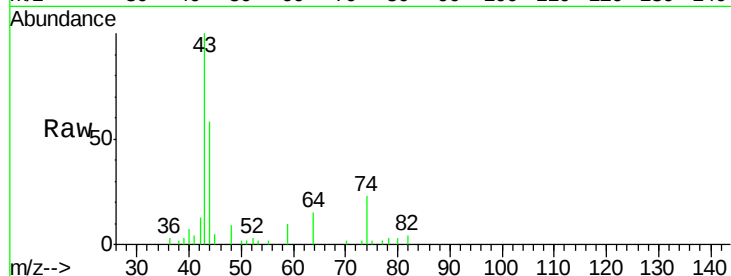




#18
Methvl Acetate
Concen: 1.45 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX001544.D
Acq: 09 May 2018 05:35

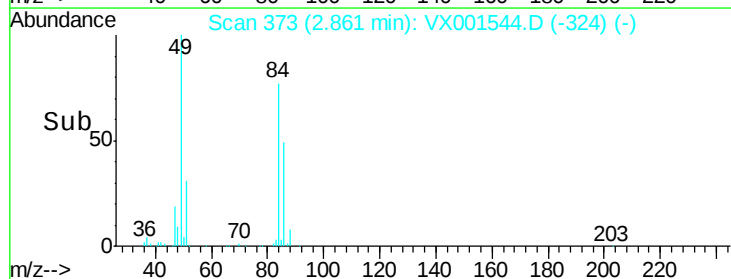
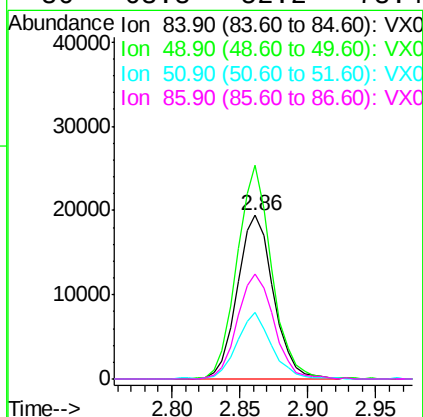
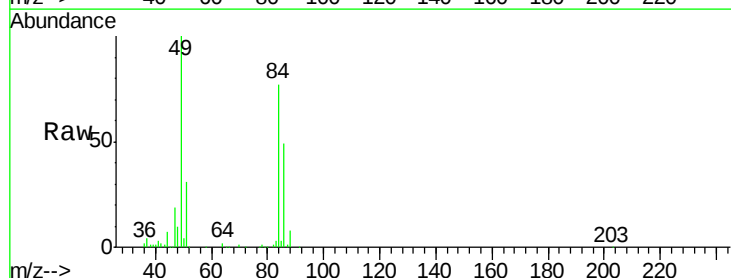
Instrument :
MSVOA_X
ClientSampleId :
SOIL

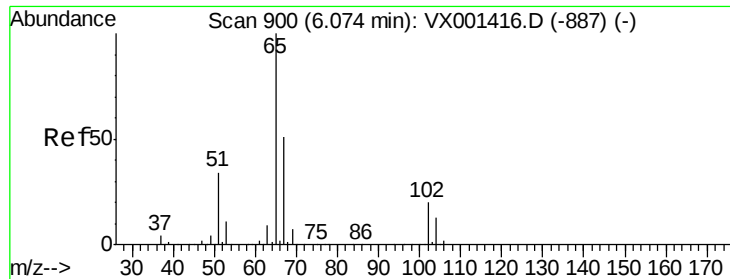
Tot Ion: 43 Resp: 6233
Ion Ratio Lower Upper
43 100
74 22.3 18.6 27.8



#20
Methylene Chloride
Concen: 11.18 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001544.D
Acq: 09 May 2018 05:35

Tgt Ion: 84 Resp: 36126
Ion Ratio Lower Upper
84 100
49 130.6 96.6 144.8
51 40.1 29.0 43.4
86 63.8 52.2 78.4





#33

1,2-Dichloroethane-d4

Concen: 46.81 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001544.D

Acq: 09 May 2018 05:35

Instrument :

MSVOA_X

ClientSampleId :

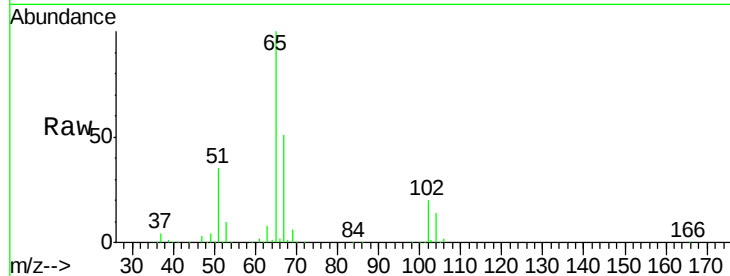
SOIL

Tot Ion: 65 Resp: 168225

Ion Ratio Lower Upper

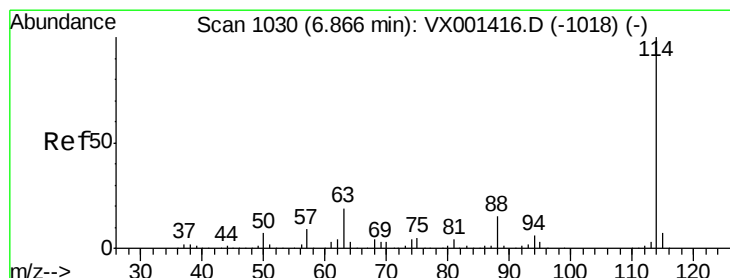
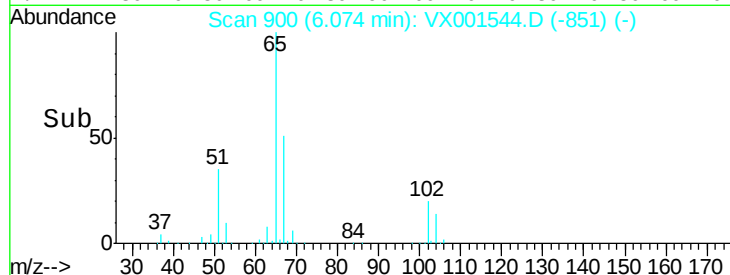
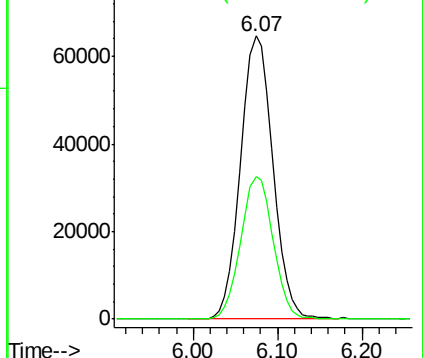
65 100

67 50.6 0.0 101.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001544.D

Acq: 09 May 2018 05:35

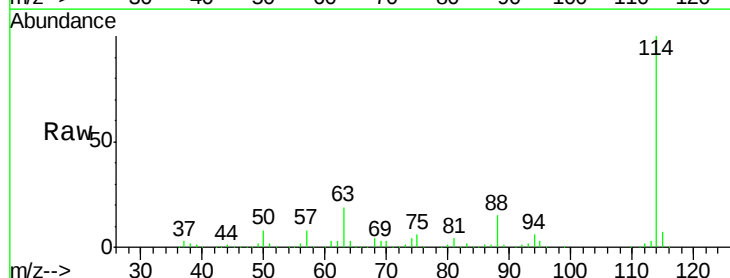
Tgt Ion: 114 Resp: 337881

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.6

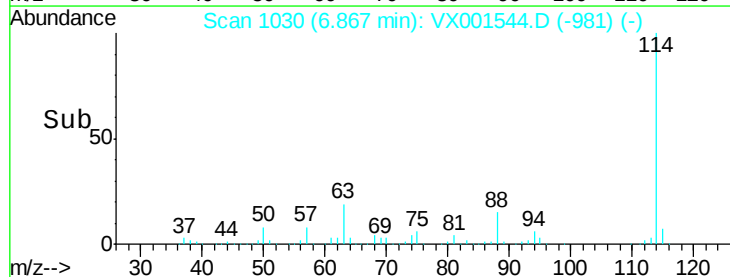
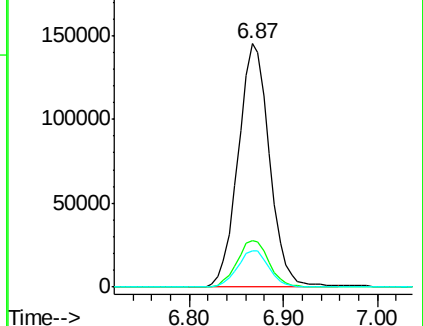
88 15.0 0.0 30.8

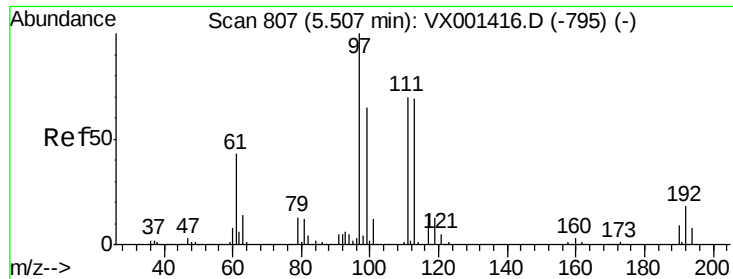


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

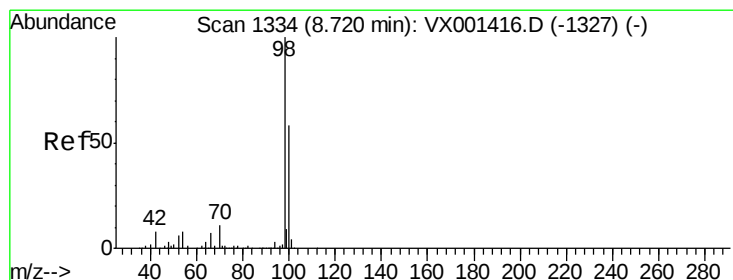
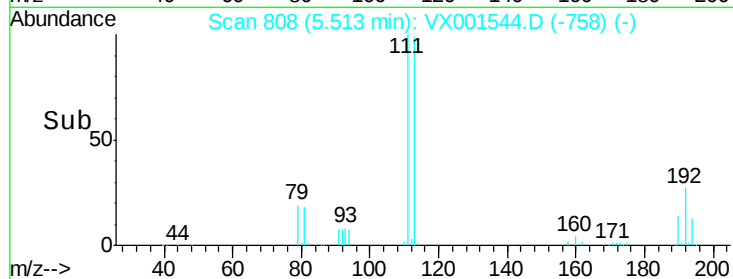
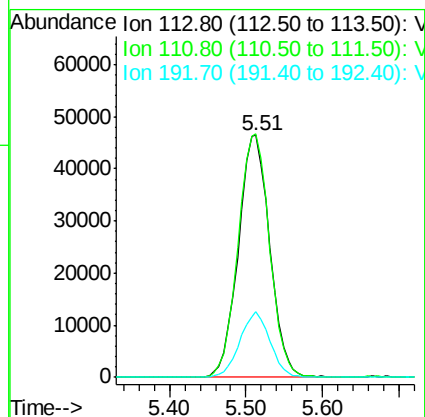
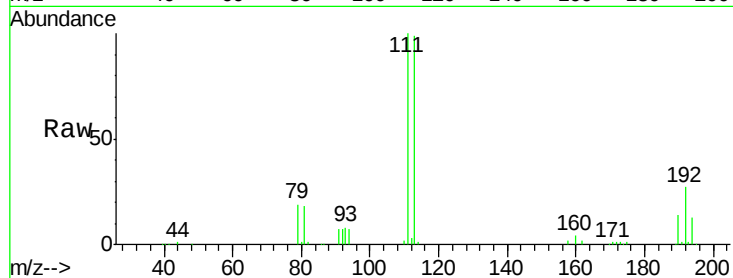




#35
Dibromofluoromethane
Concen: 43.91 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.01 min
Lab File: VX001544.D
Acq: 09 May 2018 05:35

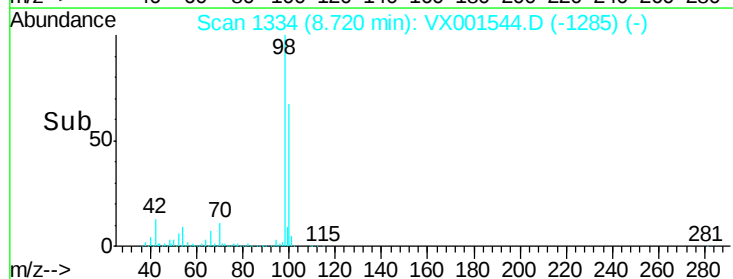
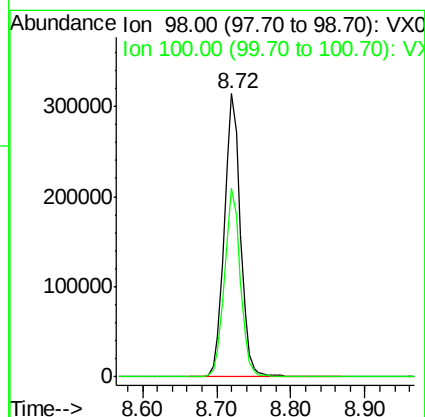
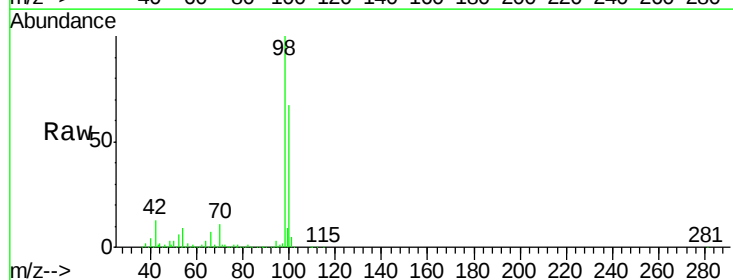
Instrument :
MSVOA_X
ClientSampled :
SOIL

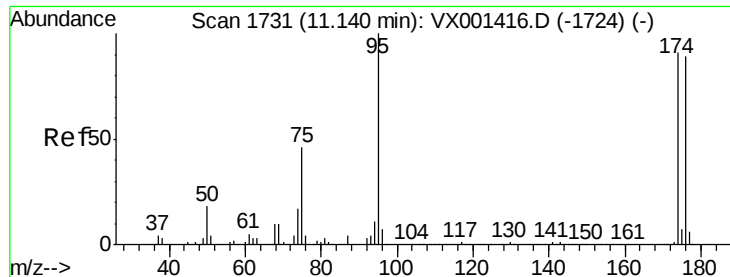
Tot Ion:113 Resp: 131976
Ion Ratio Lower Upper
113 100
111 101.1 82.2 123.2
192 26.1 21.4 32.0



#50
Toluene-d8
Concen: 43.09 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001544.D
Acq: 09 May 2018 05:35

Tgt Ion: 98 Resp: 472761
Ion Ratio Lower Upper
98 100
100 65.9 54.0 81.0

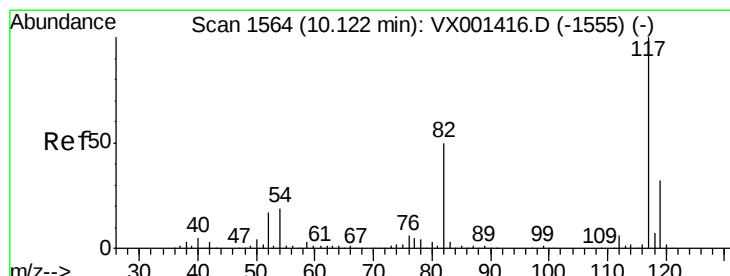
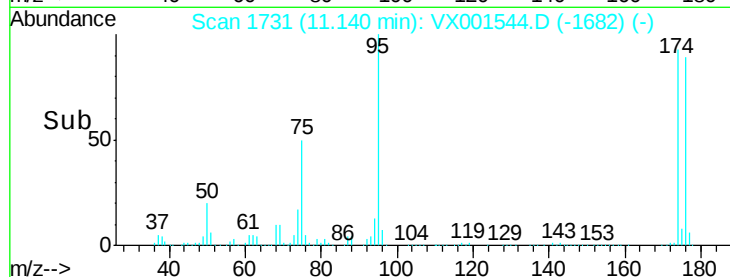
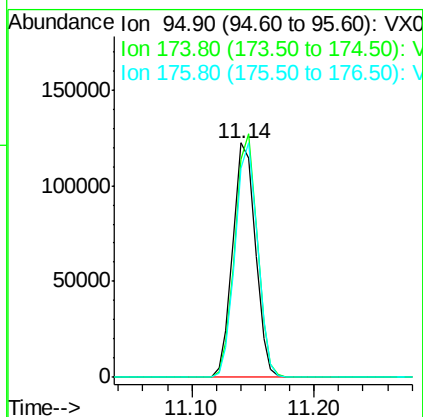
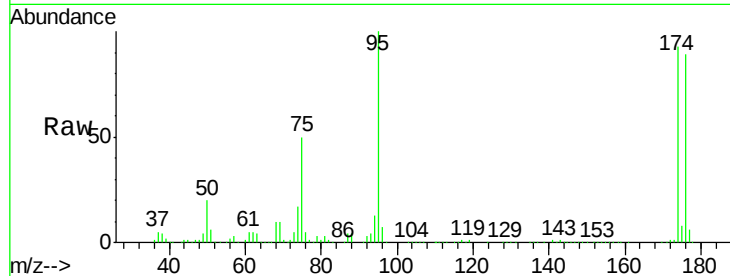




#62
4-Bromofluorobenzene
Concen: 37.12 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001544.D
Acq: 09 May 2018 05:35

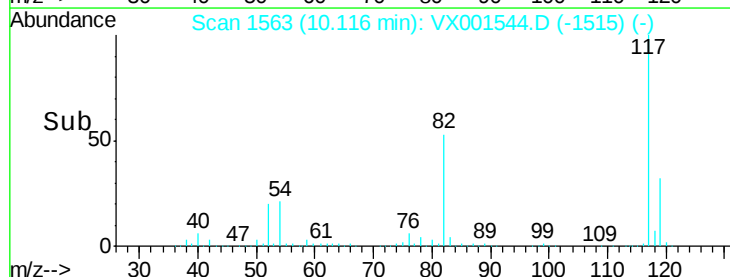
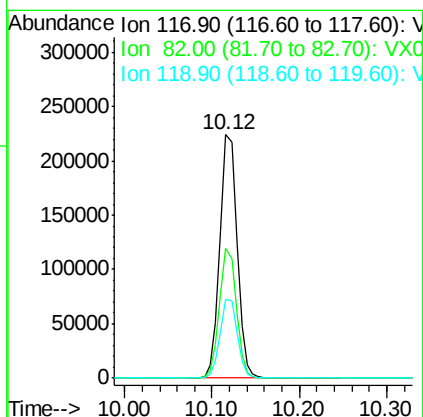
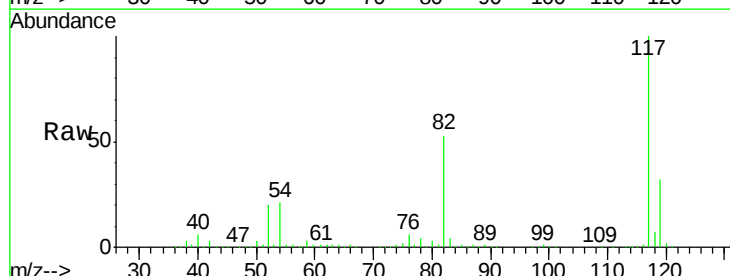
Instrument :
MSVOA_X
ClientSampleId :
SOIL

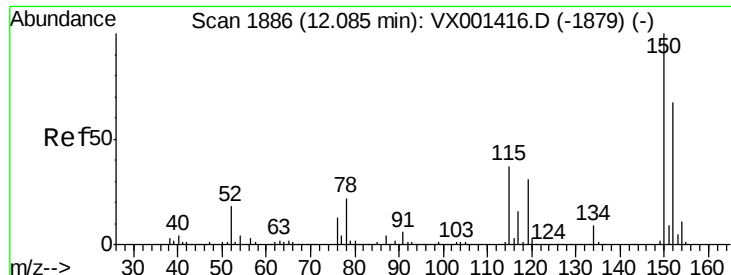
Tot Ion: 95 Resp: 156320
Ion Ratio Lower Upper
95 100
174 102.5 0.0 202.0
176 98.7 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001544.D
Acq: 09 May 2018 05:35

Tgt Ion: 117 Resp: 305401
Ion Ratio Lower Upper
117 100
82 53.3 40.0 60.0
119 32.3 25.8 38.8

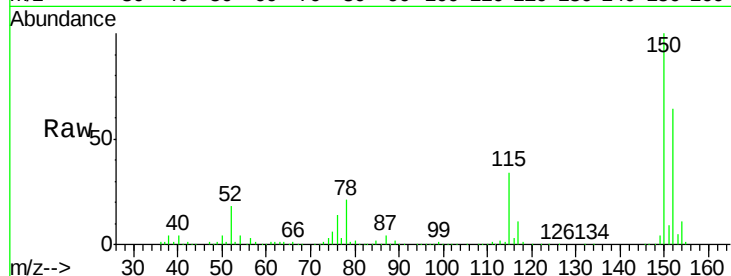




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.09 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX001544.D
 Acq: 09 May 2018 05:35

Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL

Tot Ion:152 Resp: 172815
 Ion Ratio Lower Upper
 152 100
 115 52.7 37.7 113.1
 150 155.9 0.0 349.4



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

