

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 13:27:56 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

						Qvalue
5) Bromomethane	1.64	94	1845	0.318	ug/l	87
13) Acrolein	2.31	56	298	0.252	ug/l	92
18) Methyl Acetate	2.80	43	5329	0.430	ug/l	95
20) Methylene Chloride	2.85	84	2991	0.379	ug/l	83
31) Cyclohexane	5.56	56	31907	2.796	ug/l	95
36) 1,1-Dichloropropene	5.65	75	44591	4.747	ug/l #	49
38) Carbon Tetrachloride	5.65	117	66483	6.016	ug/l #	15
39) Methylcyclohexane	7.46	83	126327	10.360	ug/l	97
47) Bromodichloromethane	7.84	83	2382	0.238	ug/l #	51
49) 1,4-Dioxane	7.76	88	50	0.238	ug/l #	1
51) 4-Methyl-2-Pentanone	8.66	43	5787	0.567	ug/l #	49
52) Toluene	8.79	92	5658	0.306	ug/l	95
56) Ethyl methacrylate	9.16	69	7662	0.652	ug/l #	23
59) 2-Hexanone	9.44	43	26269	3.367	ug/l #	31
67) Ethyl Benzene	10.26	91	9478	0.262	ug/l	89
68) m/p-Xylenes	10.36	106	55085	3.807	ug/l	98
69) o-Xylene	10.70	106	5373	0.376	ug/l	99
73) Isopropylbenzene	11.02	105	19989	0.507	ug/l	97
74) N-amyl acetate	10.91	43	13636	0.803	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	10987	0.871	ug/l #	27
76) 1,2,3-Trichloropropane	11.14	75	226432	20.546	ug/l #	37
78) n-propylbenzene	11.36	91	25138	0.574	ug/l	98
79) 2-Chlorotoluene	11.46	91	46552	1.787	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	42612	1.299	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.14	75	226432	48.215	ug/l #	15
83) tert-Butylbenzene	11.81	119	146238	4.178	ug/l #	57
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
86) p-Isopropyltoluene	12.07	119	72848	2.031	ug/l	95
89) n-Butylbenzene	12.39	91	118434	3.871	ug/l #	17
90) Hexachloroethane	12.58	117	41806	5.720	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.02	75	3377	1.044	ug/l #	1
95) Naphthalene	13.83	128	222983	5.084	ug/l #	94

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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

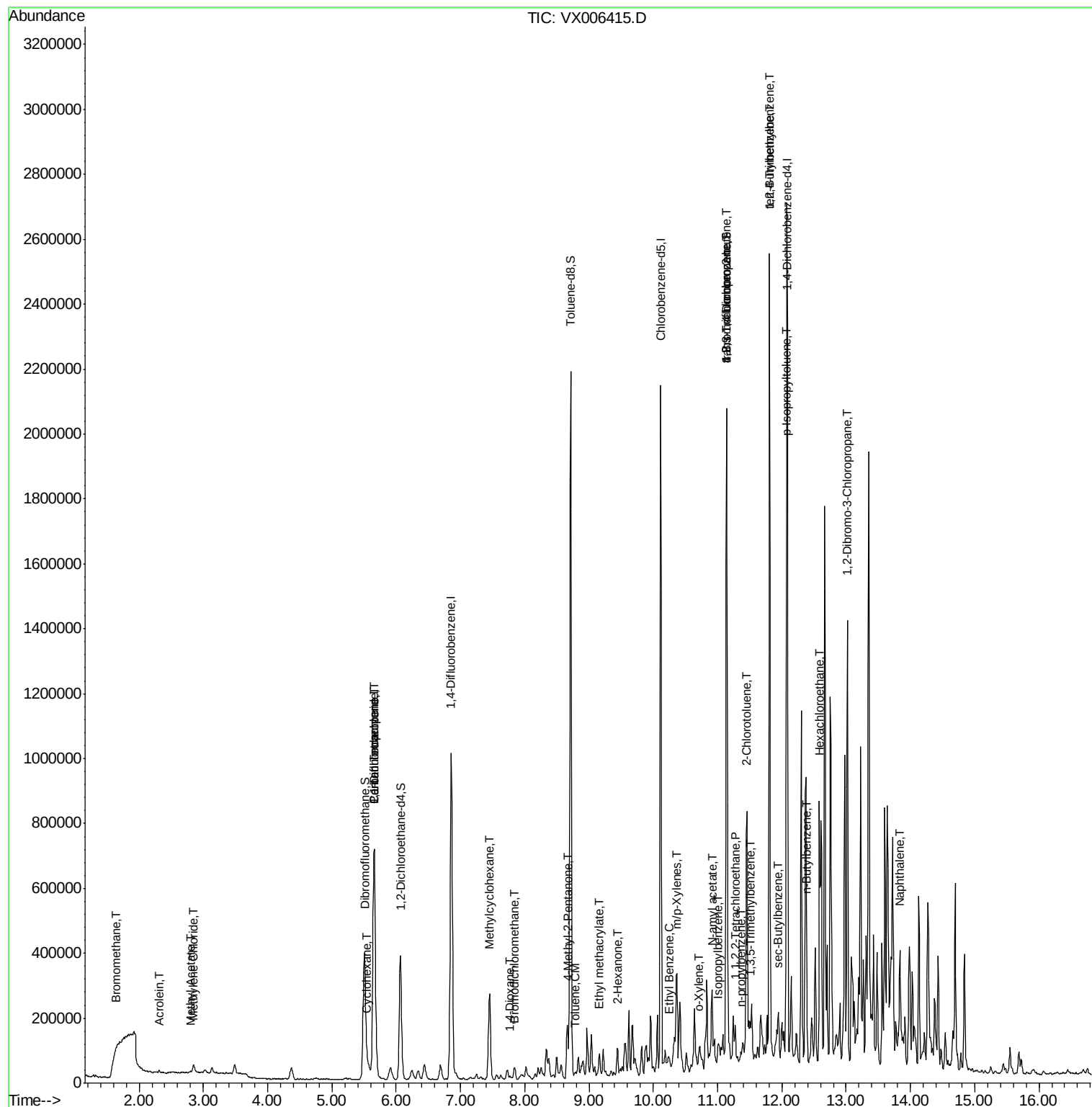
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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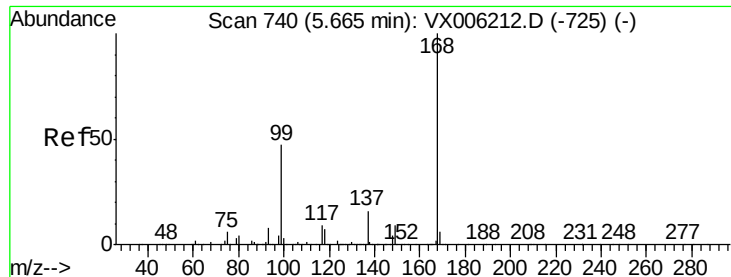
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#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

ClientSampleId :

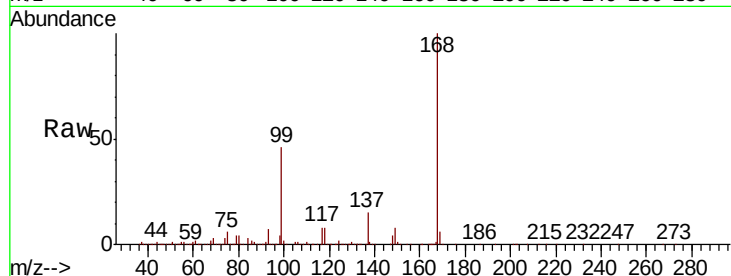
SOIL

Tgt 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

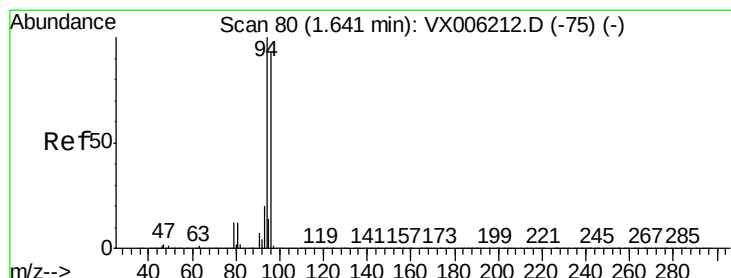
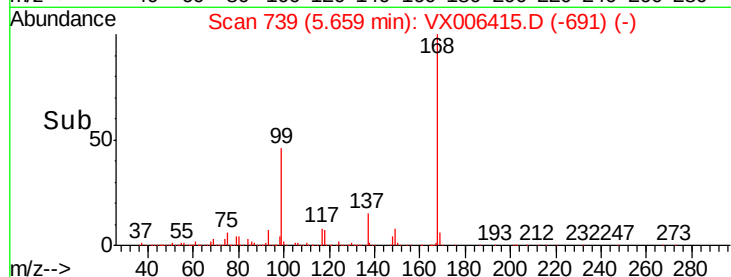
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: 0.318 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX006415.D

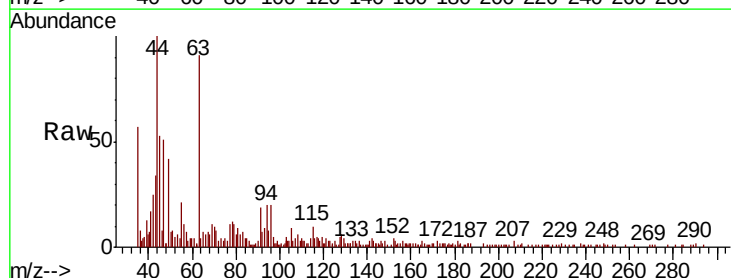
Acq: 11 Dec 2018 12:51

Tgt Ion: 94 Resp: 1845

Ion Ratio Lower Upper

94 100

96 105.6 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

2000

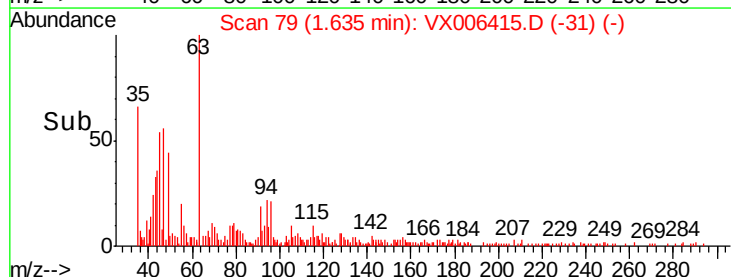
1500

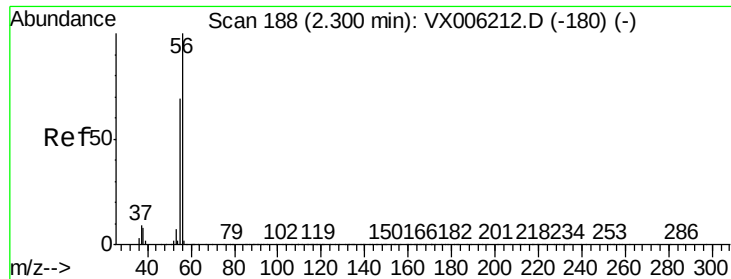
1000

500

0

Time-->

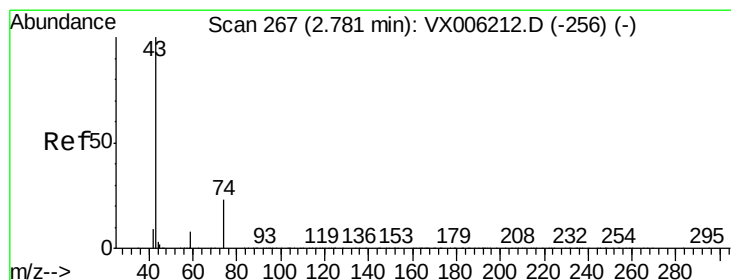
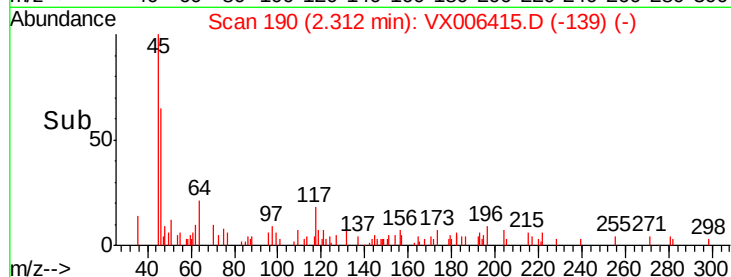
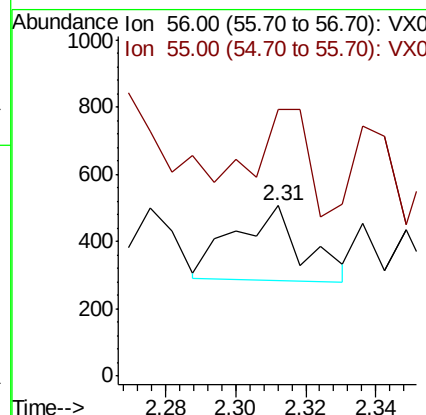
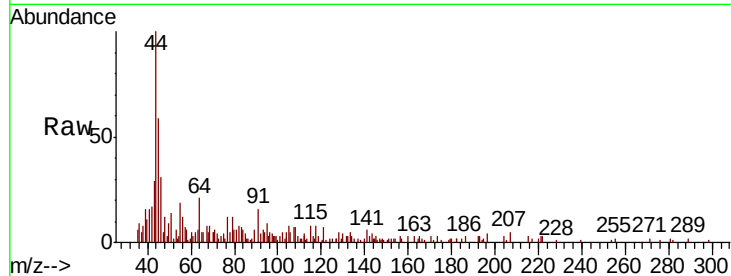




#13
Acrolein
Concen: 0.252 ug/l
RT: 2.31 min Scan# 190
Delta R.T. 0.01 min
Lab File: VX006415.D
Acq: 11 Dec 2018 12:51

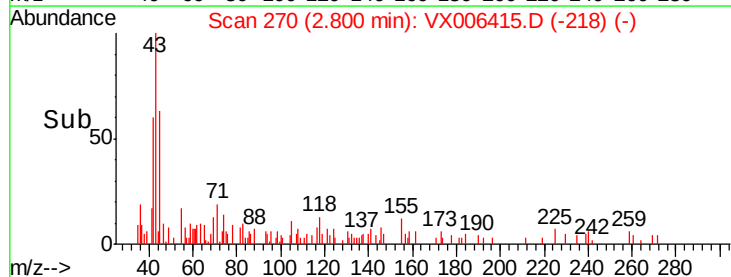
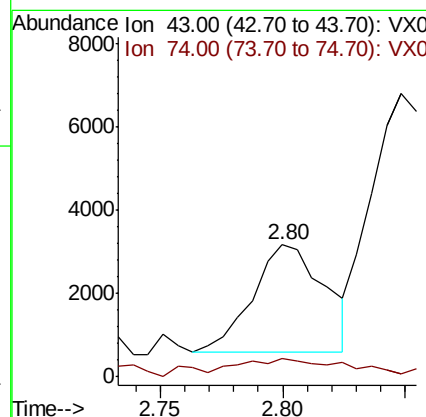
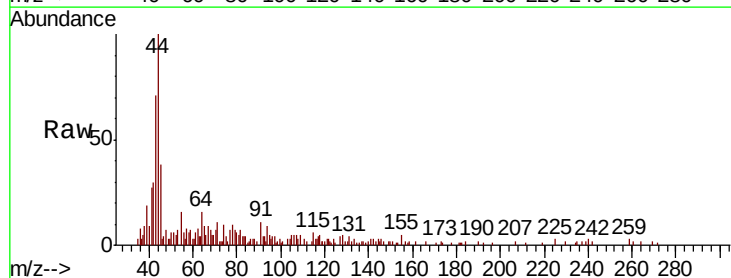
Instrument :
MSVOA_X
ClientSampleId :
SOIL

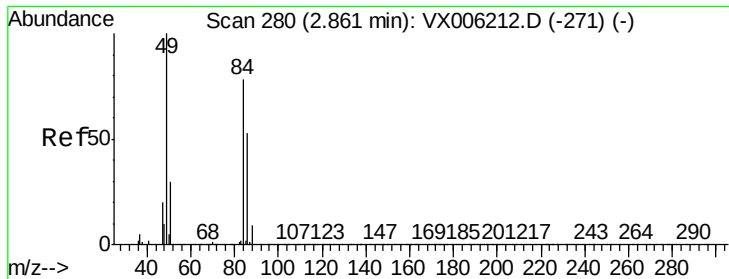
Tgt Ion: 56 Resp: 298
Ion Ratio Lower Upper
56 100
55 78.5 57.8 86.6



#18
Methyl Acetate
Concen: 0.430 ug/l
RT: 2.80 min Scan# 270
Delta R.T. 0.02 min
Lab File: VX006415.D
Acq: 11 Dec 2018 12:51

Tgt Ion: 43 Resp: 5329
Ion Ratio Lower Upper
43 100
74 20.2 17.9 26.9

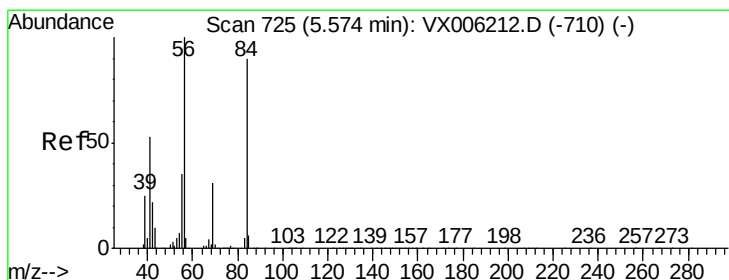
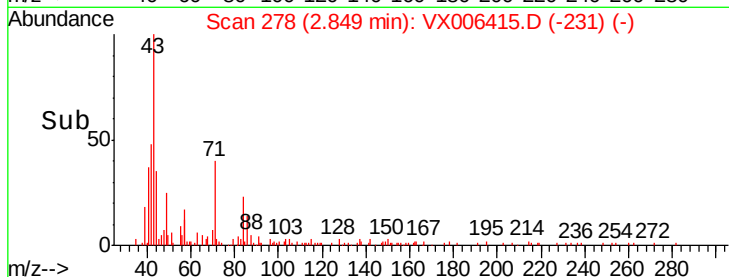
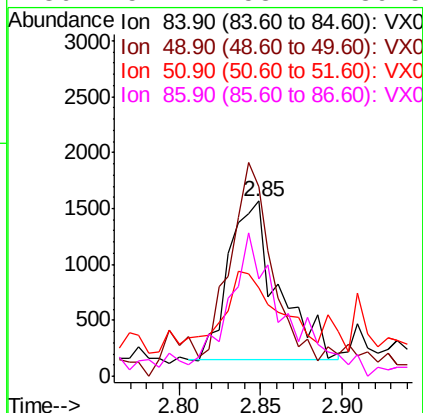
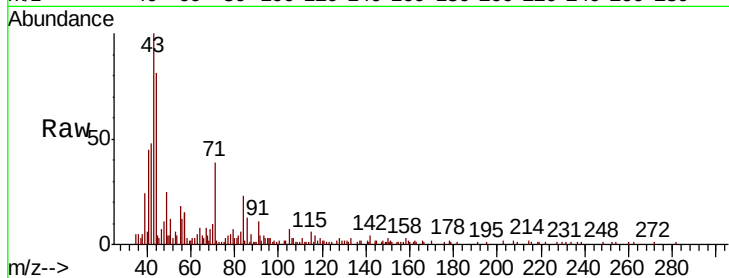




#20
Methylene Chloride
Concen: 0.379 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX006415.D
Acq: 11 Dec 2018 12:51

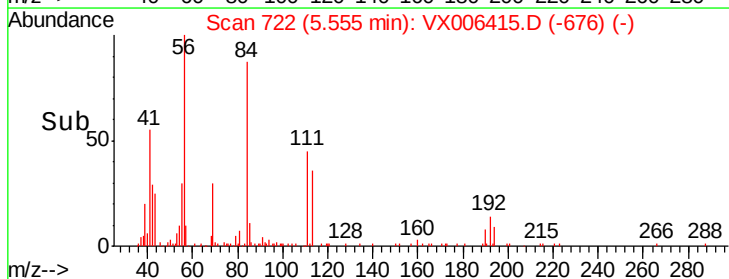
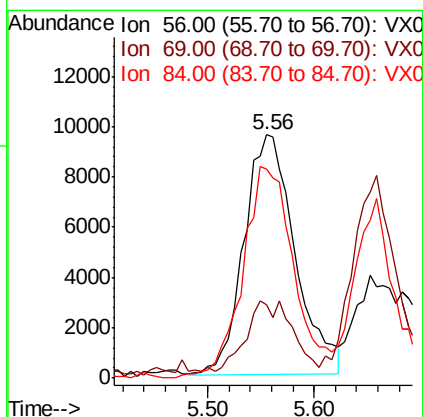
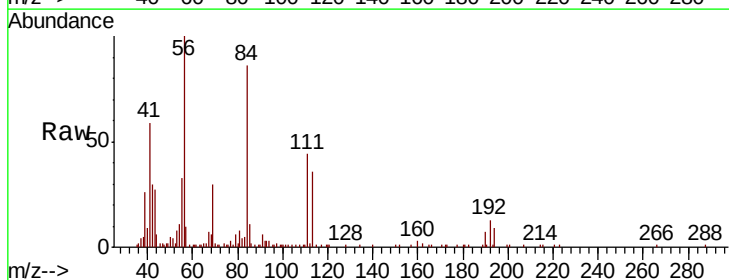
Instrument :
MSVOA_X
ClientSampled :
SOIL

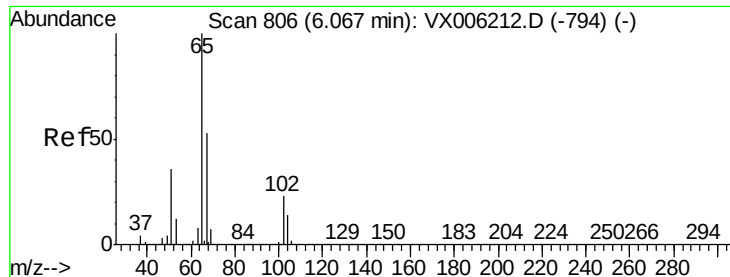
Tgt Ion:	84	Resp:	2991
Ion	Ratio	Lower	Upper
84	100		
49	106.3	102.2	153.4
51	31.7	31.1	46.7
86	54.4	53.7	80.5



#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

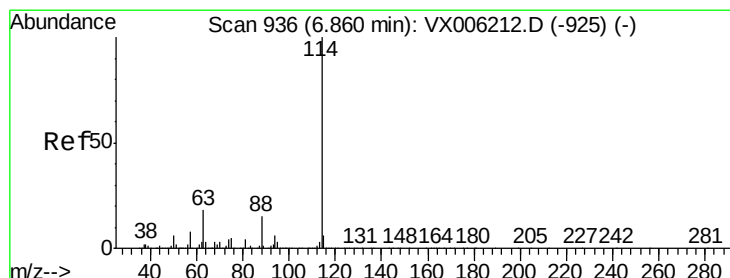
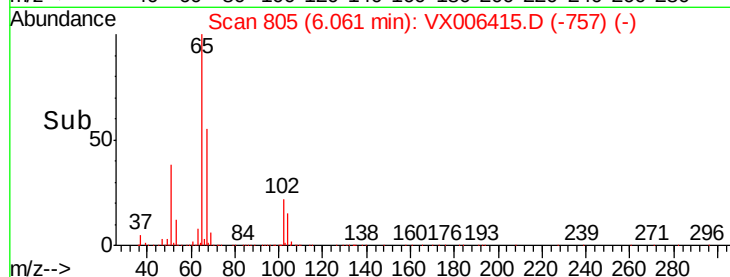
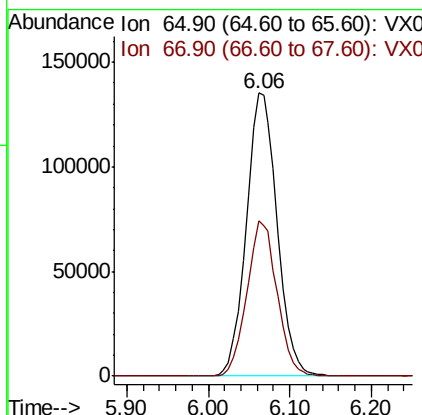
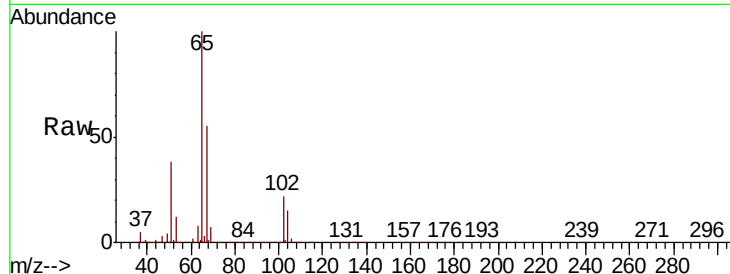




#33
 1,2-Dichloroethane-d4
 Concen: 45.006 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX006415.D
 Acq: 11 Dec 2018 12:51

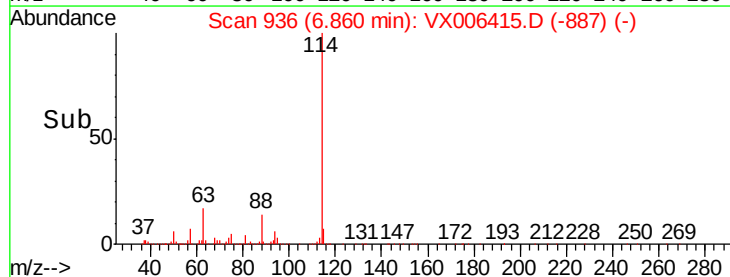
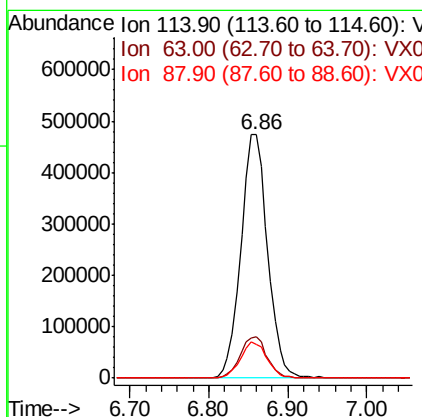
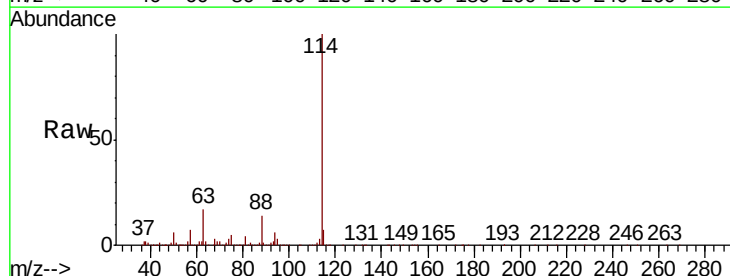
Instrument :
 MSVOA_X
 ClientSampled :
 SOIL

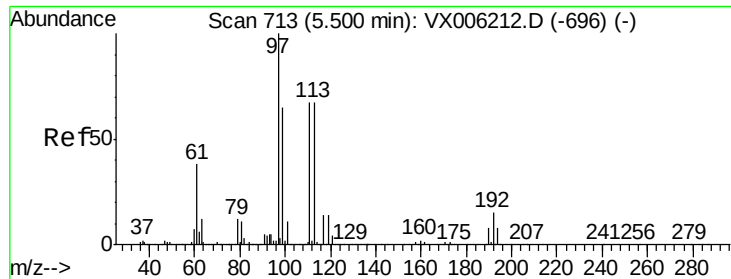
Tgt Ion: 65 Resp: 355504
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: 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

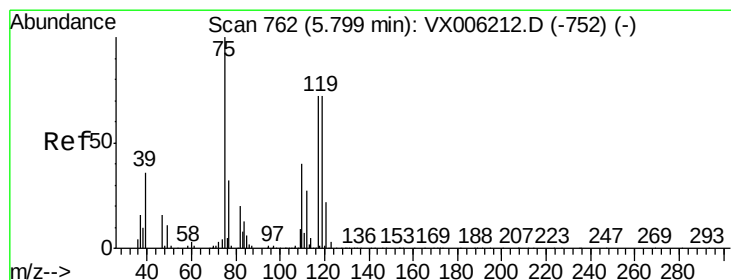
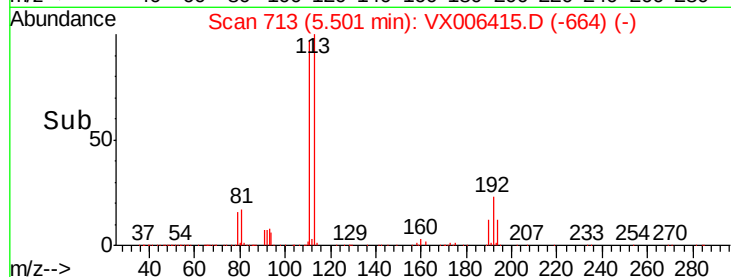
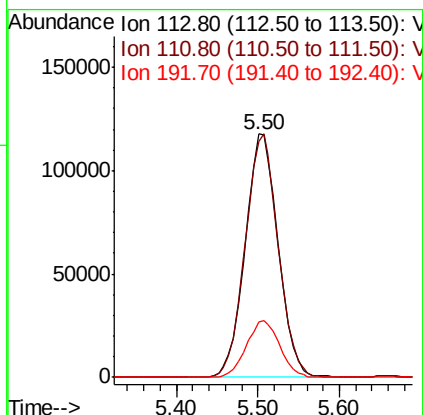
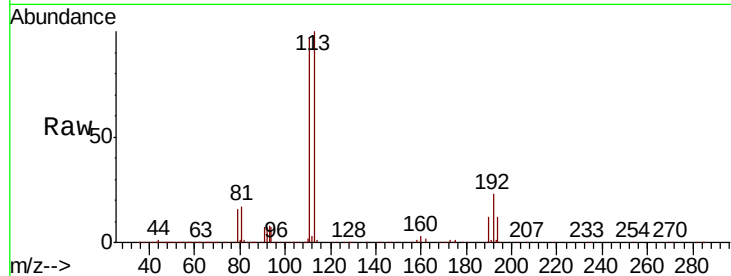




#35
 Dibromofluoromethane
 Concen: 45.790 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX006415.D
 Acq: 11 Dec 2018 12:51

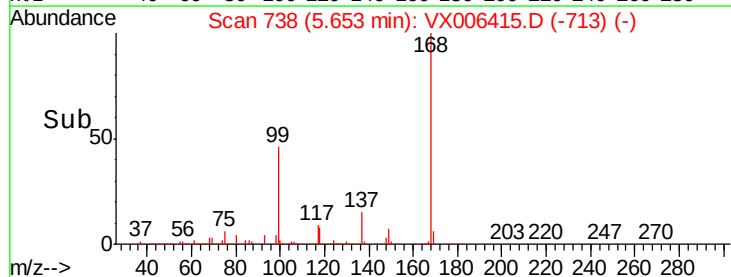
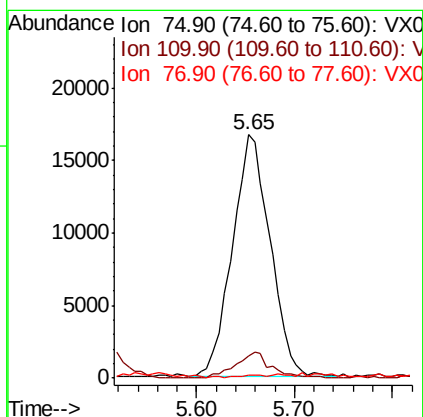
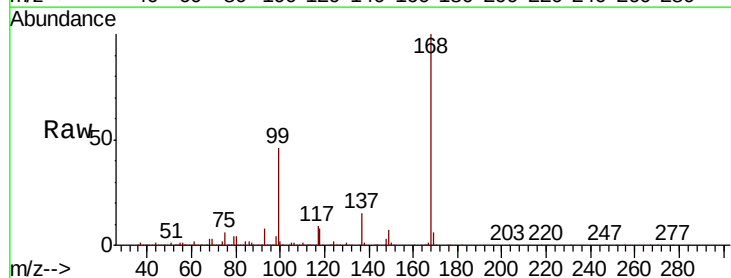
Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL

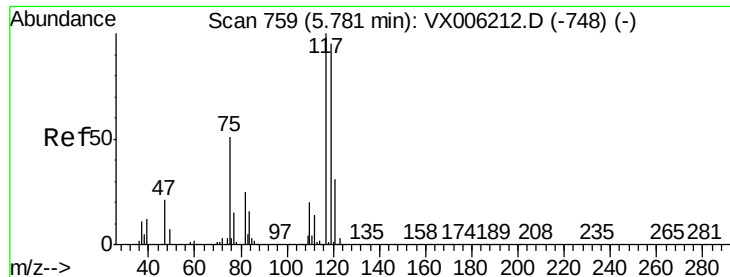
Tgt Ion: 113 Resp: 330738
 Ion Ratio Lower Upper
 113 100
 111 100.1 81.1 121.7
 192 23.7 18.2 27.2



#36
 1,1-Dichloropropene
 Concen: 4.747 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.15 min
 Lab File: VX006415.D
 Acq: 11 Dec 2018 12:51

Tgt Ion: 75 Resp: 44591
 Ion Ratio Lower Upper
 75 100
 110 10.3 20.4 61.3#
 77 0.9 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 6.016 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.13 min

Lab File: VX006415.D

Acq: 11 Dec 2018 12:51

Instrument :

MSVOA_X

ClientSampled :

SOIL

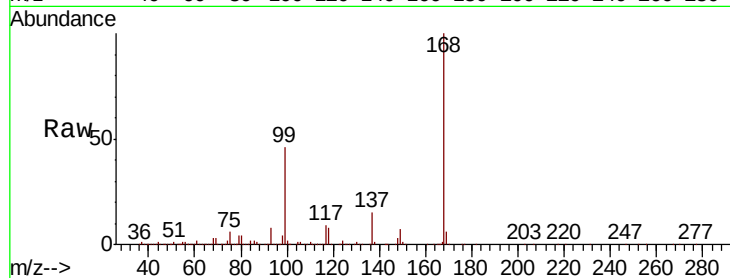
Tgt Ion:117 Resp: 66483

Ion Ratio Lower Upper

117 100

119 3.5 75.8 113.8#

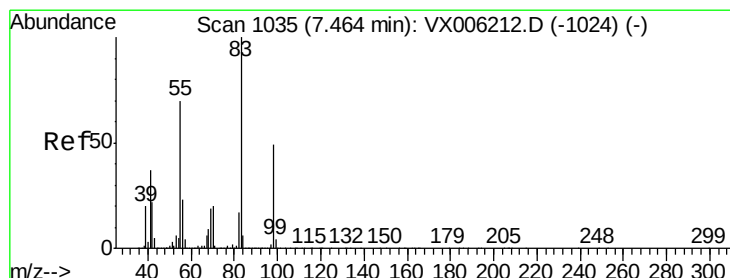
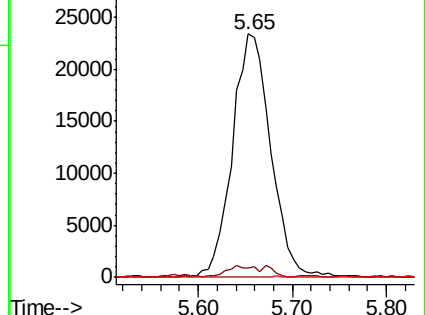
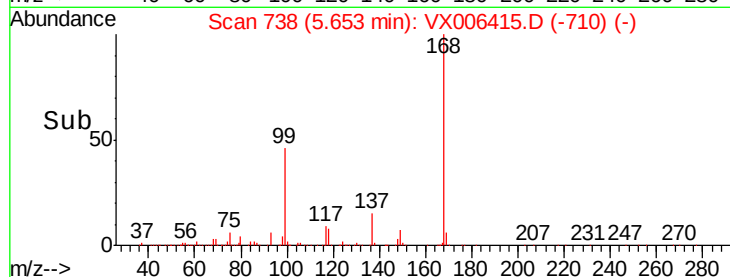
121 0.0 24.6 37.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): 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

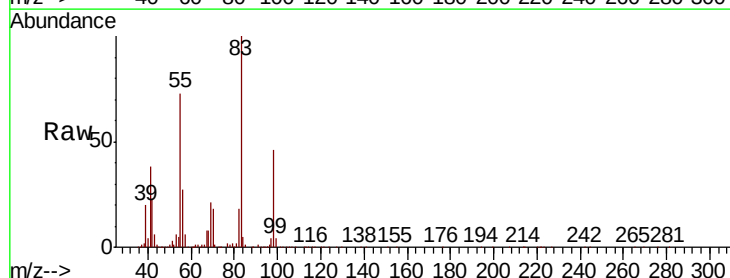
Tgt Ion: 83 Resp: 126327

Ion Ratio Lower Upper

83 100

55 72.6 56.4 84.6

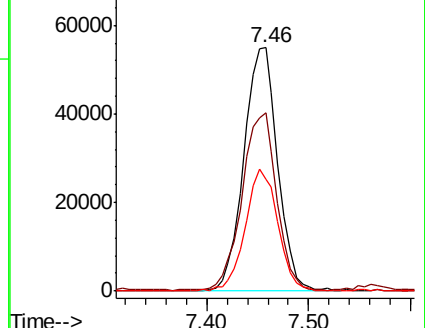
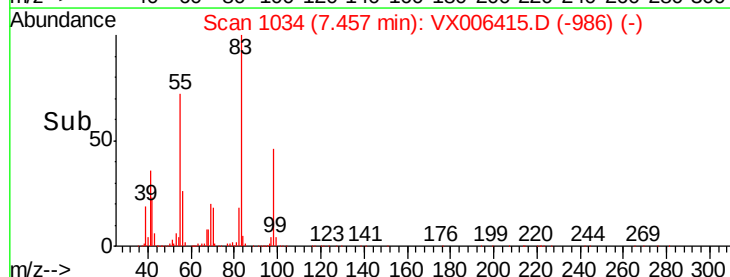
98 45.9 39.0 58.6

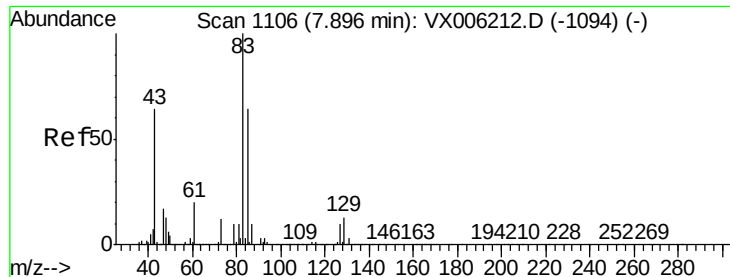


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#47

Bromodichloromethane

Concen: 0.238 ug/l

RT: 7.84 min Scan# 1097

Delta R.T. -0.05 min

Lab File: VX006415.D

Acq: 11 Dec 2018 12:51

Instrument :

MSVOA_X

ClientSampled :

SOIL

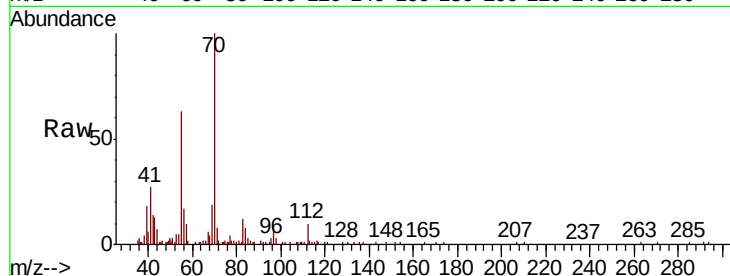
Tgt Ion: 83 Resp: 2382

Ion Ratio Lower Upper

83 100

85 23.1 51.4 77.0#

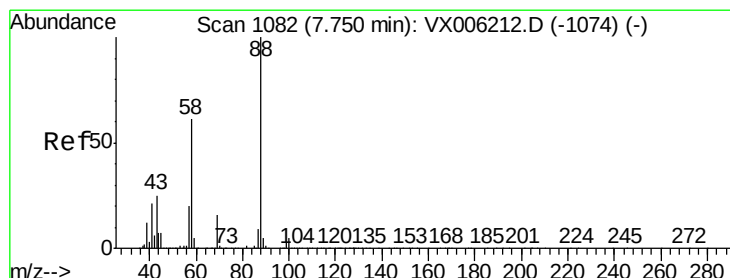
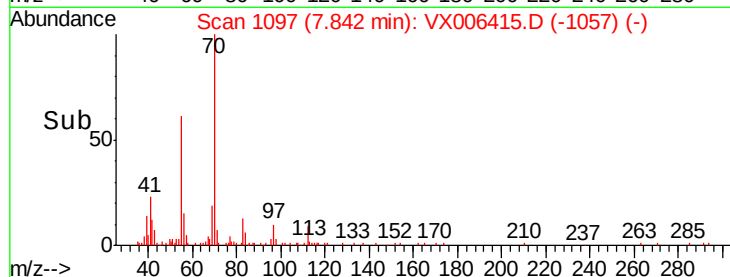
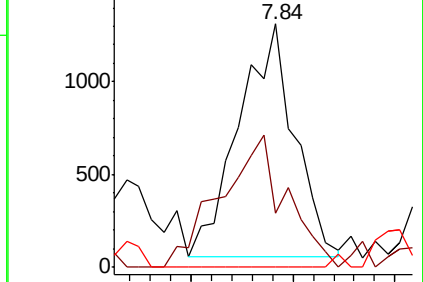
127 0.0 7.9 11.9#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#49

1,4-Dioxane

Concen: 0.238 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. 0.01 min

Lab File: VX006415.D

Acq: 11 Dec 2018 12:51

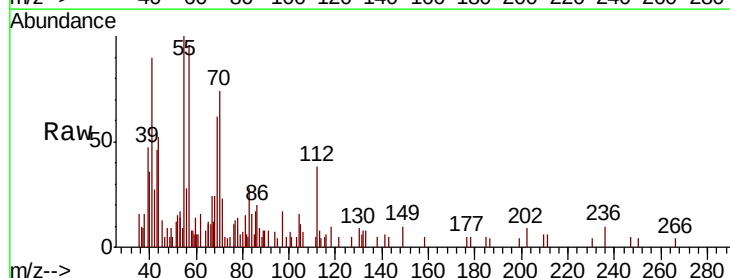
Tgt Ion: 88 Resp: 50

Ion Ratio Lower Upper

88 100

43 1980.0 23.2 34.8#

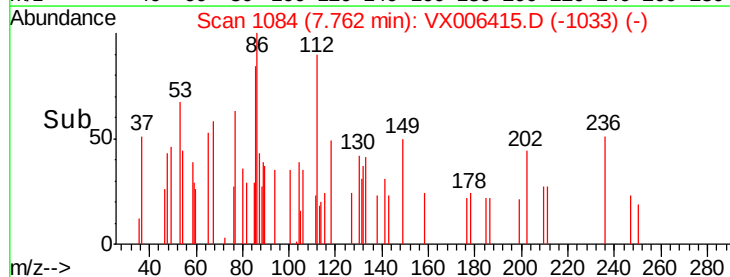
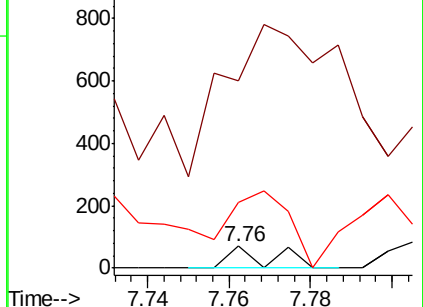
58 470.0 51.4 77.0#

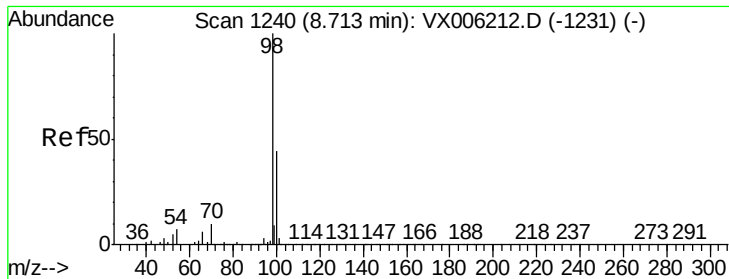


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

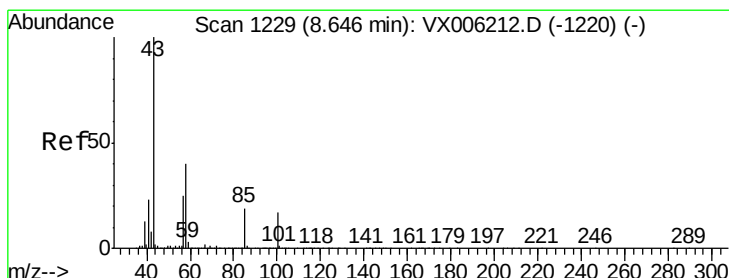
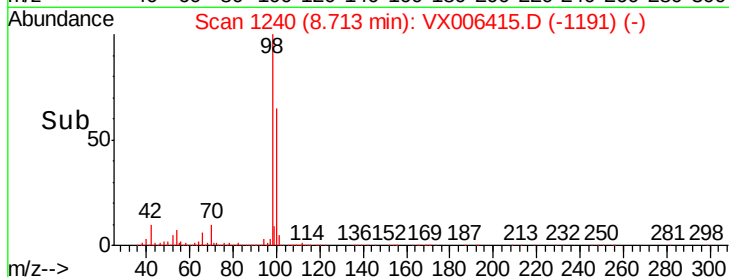
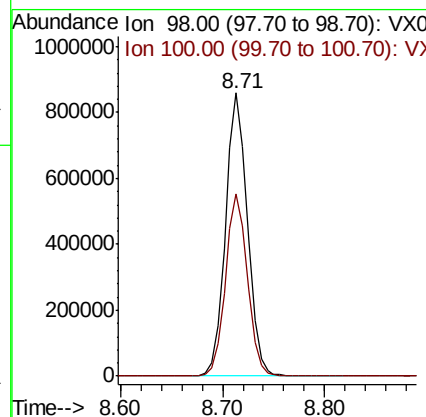
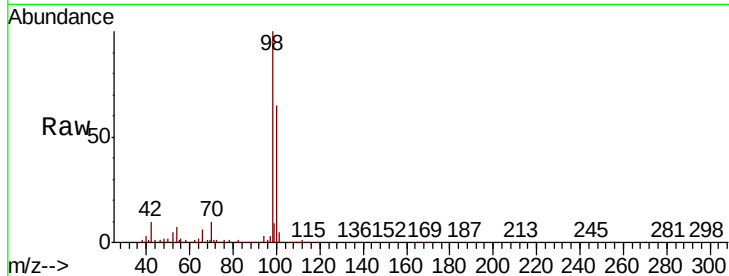




#50
Toluene-d8
Concen: 48.730 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006415.D
Acq: 11 Dec 2018 12:51

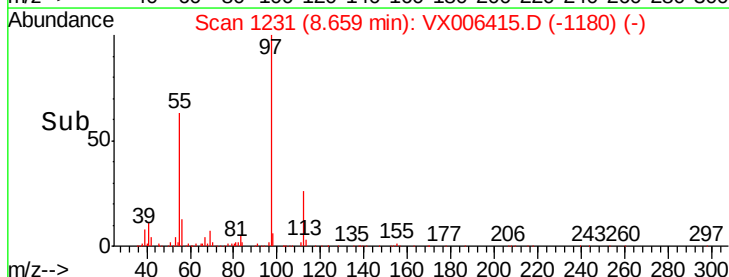
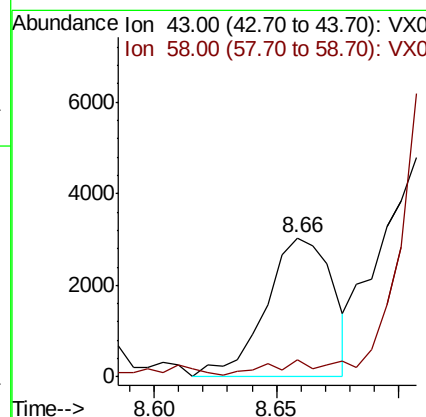
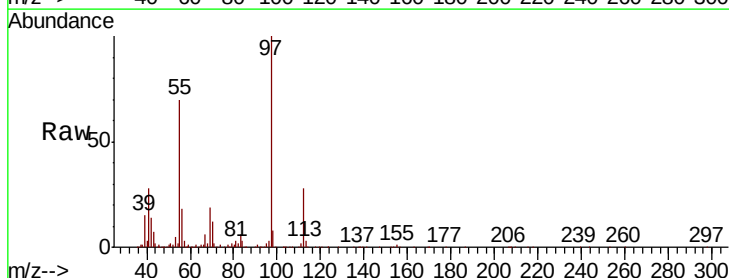
Instrument :
MSVOA_X
ClientSampleId :
SOIL

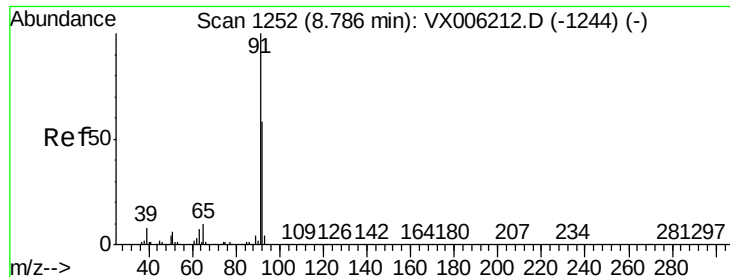
Tgt Ion: 98 Resp: 1280271
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.2



#51
4-Methyl-2-Pentanone
Concen: 0.567 ug/l
RT: 8.66 min Scan# 1231
Delta R.T. 0.01 min
Lab File: VX006415.D
Acq: 11 Dec 2018 12:51

Tgt Ion: 43 Resp: 5787
Ion Ratio Lower Upper
43 100
58 8.1 31.3 46.9%





#52

Toluene

Concen: 0.306 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006415.D

Acq: 11 Dec 2018 12:51

Instrument :

MSVOA_X

ClientSampled :

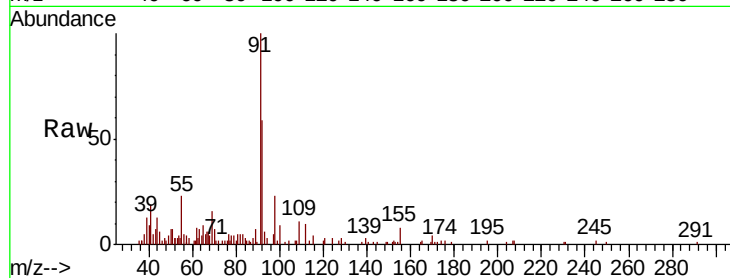
SOIL

Tgt Ion: 92 Resp: 5658

Ion Ratio Lower Upper

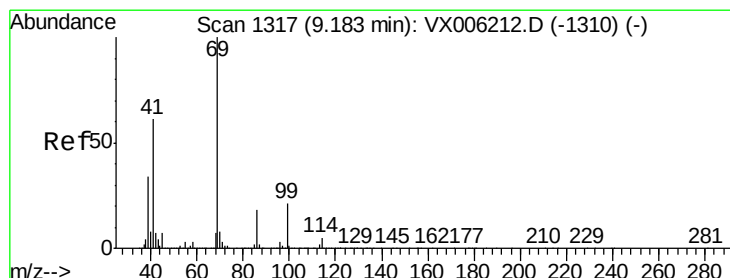
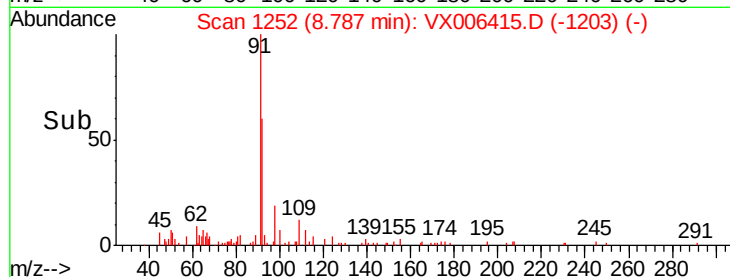
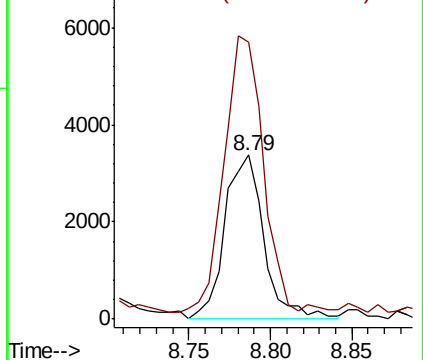
92 100

91 167.7 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#56

Ethyl methacrylate

Concen: 0.652 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.02 min

Lab File: VX006415.D

Acq: 11 Dec 2018 12:51

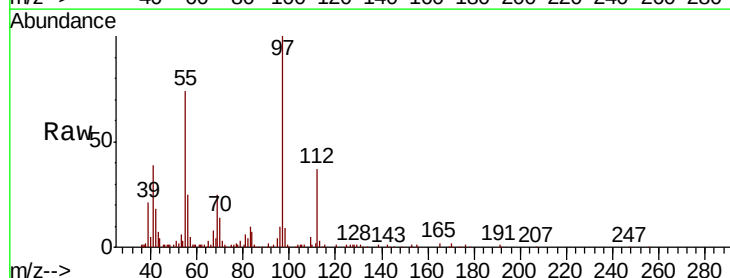
Tgt Ion: 69 Resp: 7662

Ion Ratio Lower Upper

69 100

41 131.5 50.6 76.0#

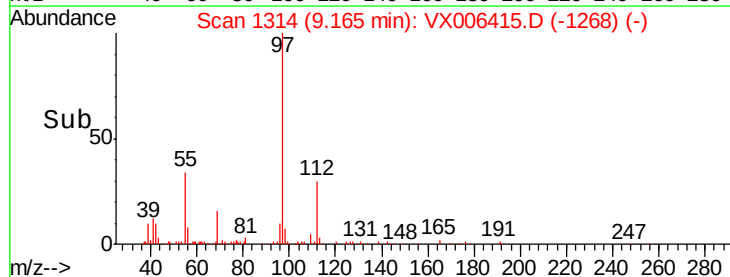
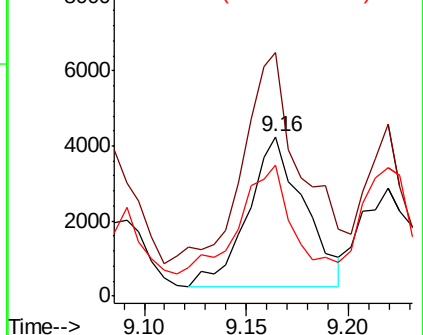
39 67.6 27.6 41.4#

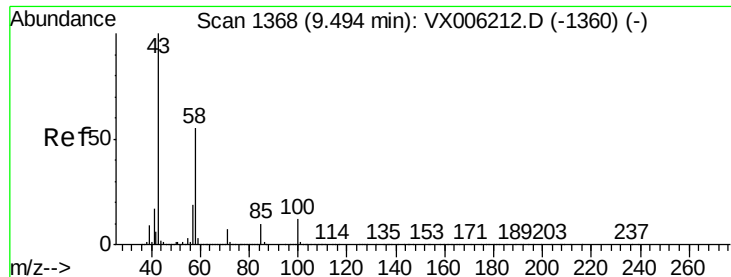


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#59

2-Hexanone

Concen: 3.367 ug/l

RT: 9.44 min Scan# 1359

Delta R.T. -0.05 min

Lab File: VX006415.D

Acq: 11 Dec 2018 12:51

Instrument :

MSVOA_X

ClientSampleId :

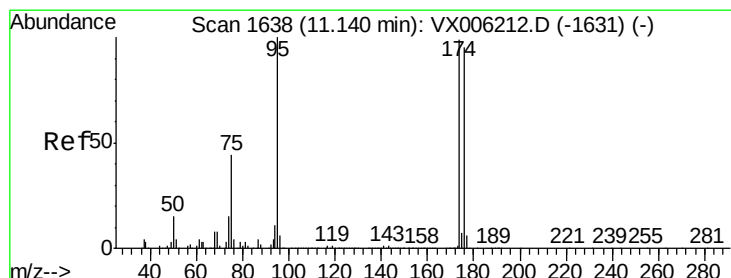
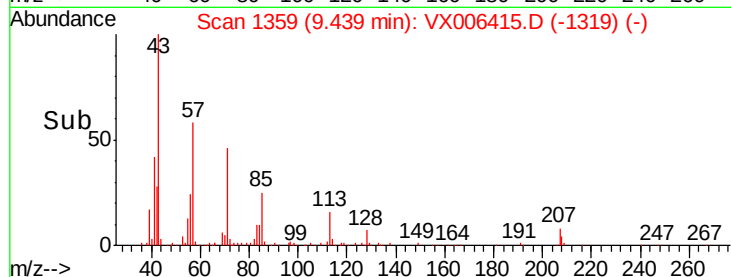
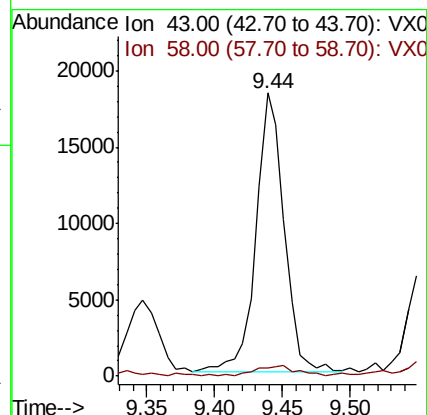
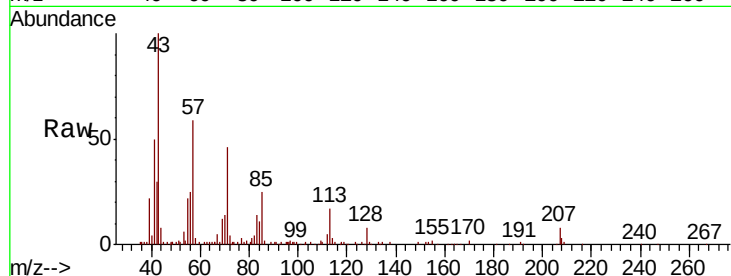
SOIL

Tgt Ion: 43 Resp: 26269

Ion Ratio Lower Upper

43 100

58 5.6 27.7 83.1#



#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

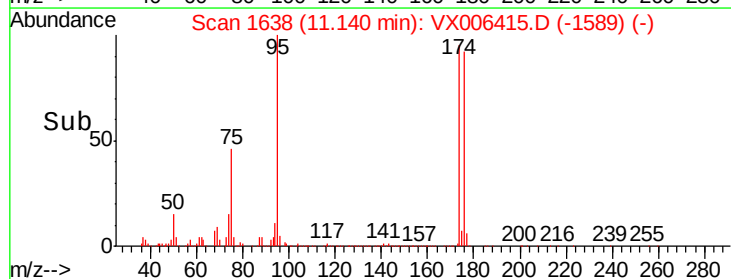
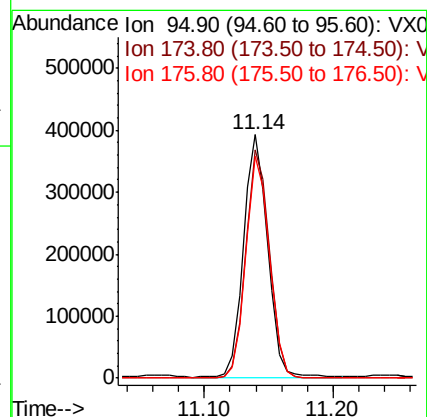
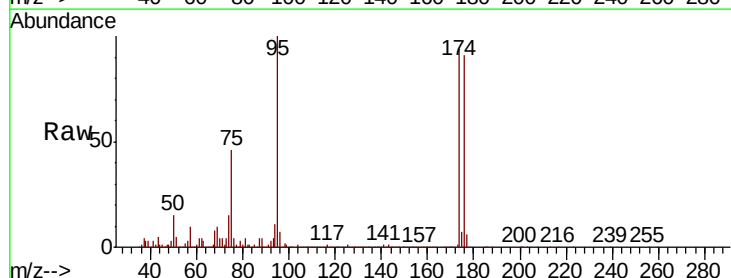
Tgt Ion: 95 Resp: 507316

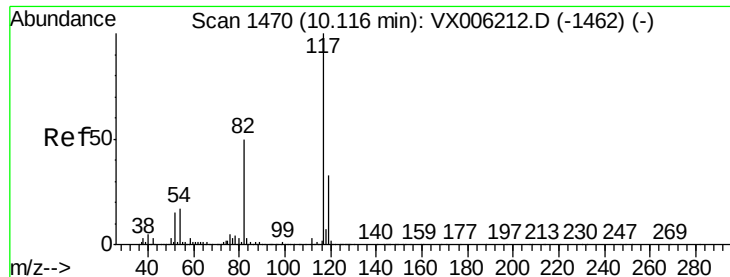
Ion Ratio Lower Upper

95 100

174 92.5 0.0 187.0

176 89.5 0.0 181.8

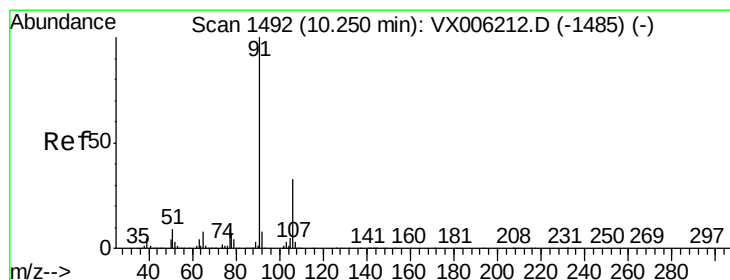
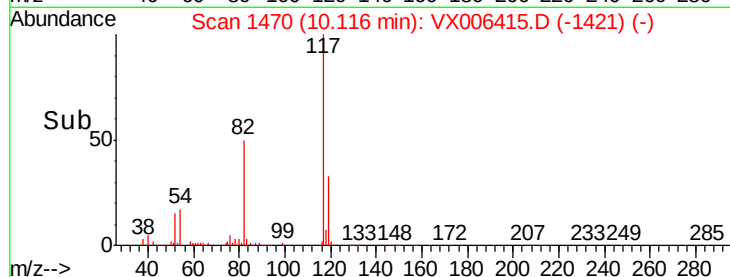
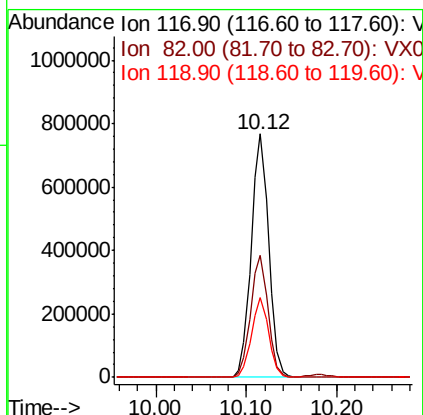
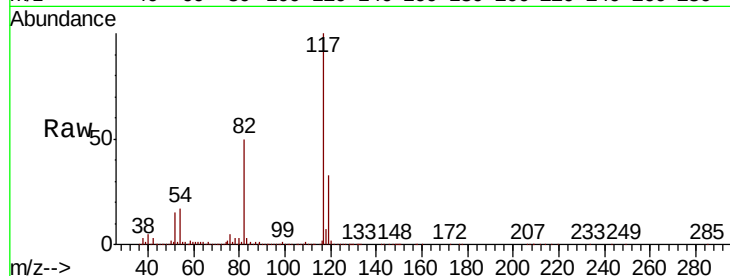




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006415.D
Acq: 11 Dec 2018 12:51

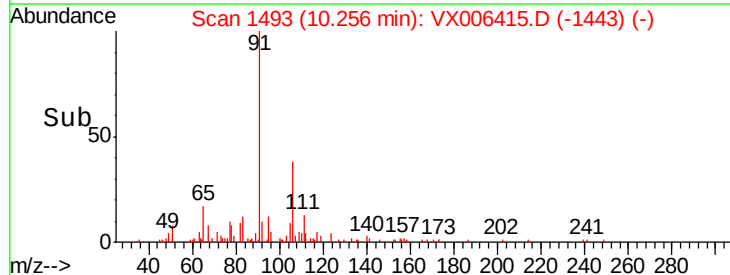
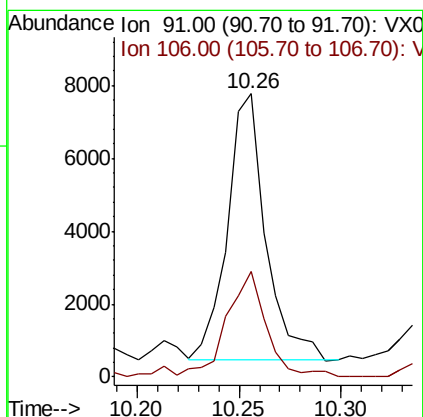
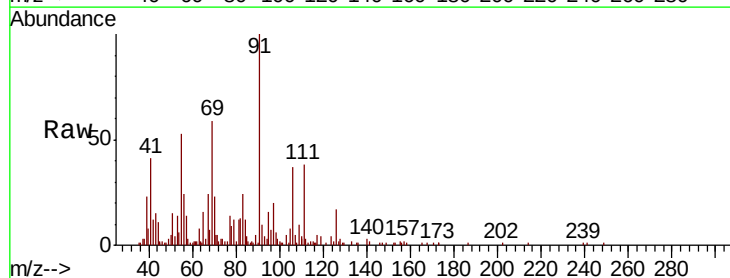
Instrument :
MSVOA_X
ClientSampled :
SOIL

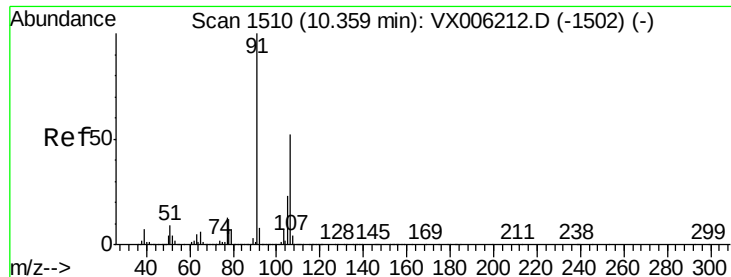
Tgt Ion:117 Resp: 1023177
Ion Ratio Lower Upper
117 100
82 49.9 39.6 59.4
119 32.5 26.3 39.5



#67
Ethyl Benzene
Concen: 0.262 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VX006415.D
Acq: 11 Dec 2018 12:51

Tgt Ion: 91 Resp: 9478
Ion Ratio Lower Upper
91 100
106 39.5 26.5 39.7

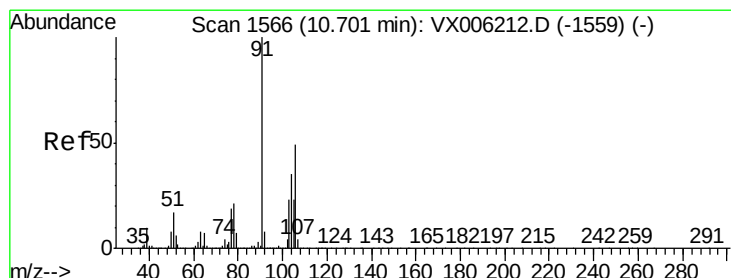
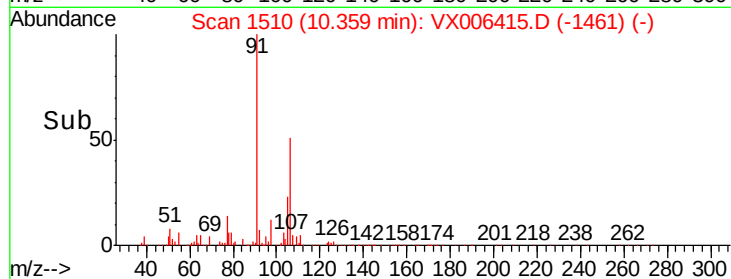
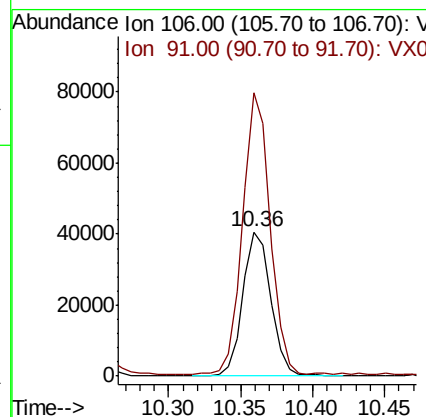
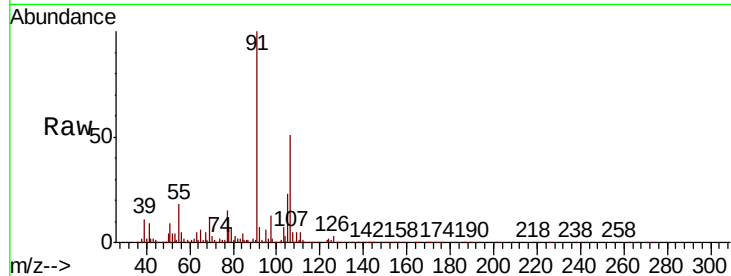




#68
m/p-Xylenes
Concen: 3.807 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006415.D
Acq: 11 Dec 2018 12:51

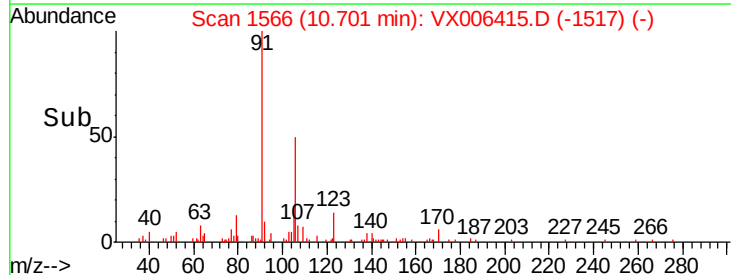
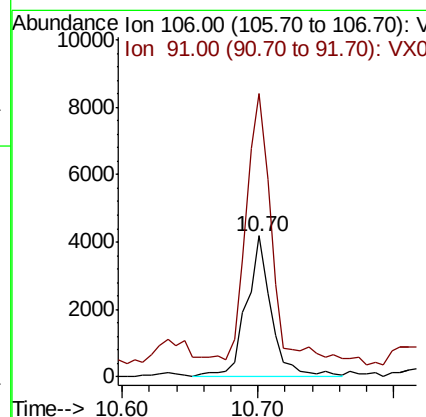
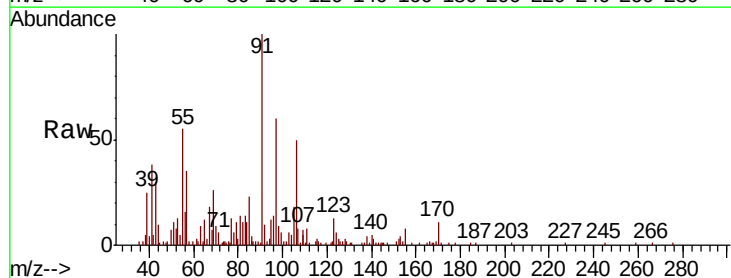
Instrument :
MSVOA_X
ClientSampleId :
SOIL

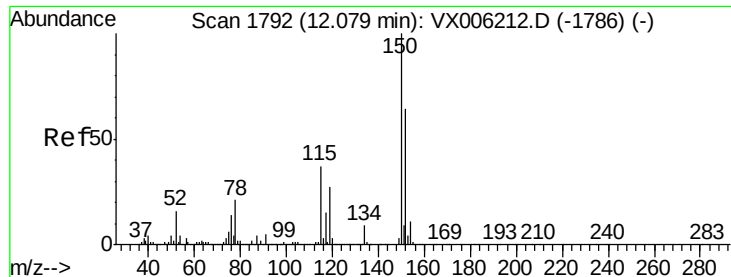
Tgt Ion:106 Resp: 55085
Ion Ratio Lower Upper
106 100
91 190.4 155.2 232.8



#69
o-Xylene
Concen: 0.376 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006415.D
Acq: 11 Dec 2018 12:51

Tgt Ion:106 Resp: 5373
Ion Ratio Lower Upper
106 100
91 202.1 101.8 305.6



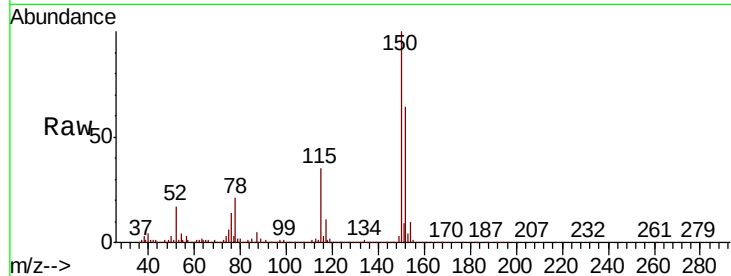


#72

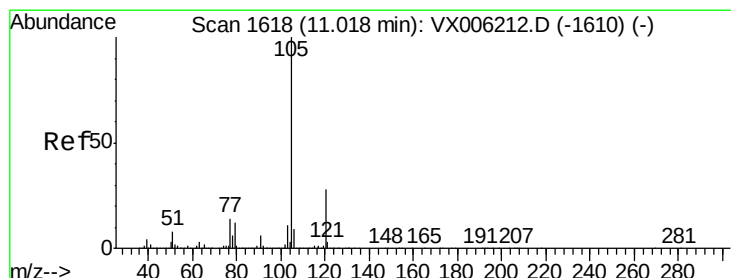
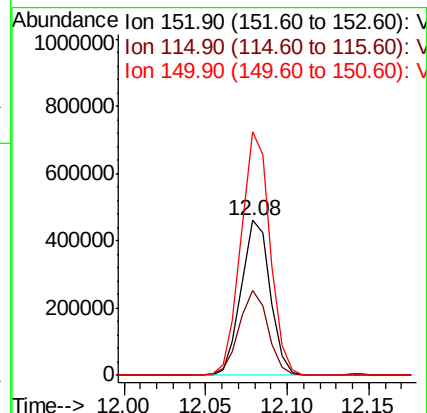
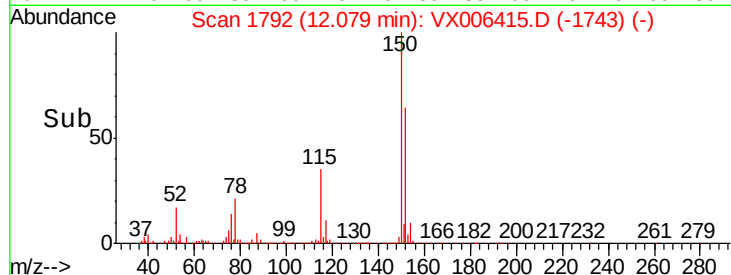
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006415.D
Acq: 11 Dec 2018 12:51

Instrument :
MSVOA_X
ClientSampled :
SOIL

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



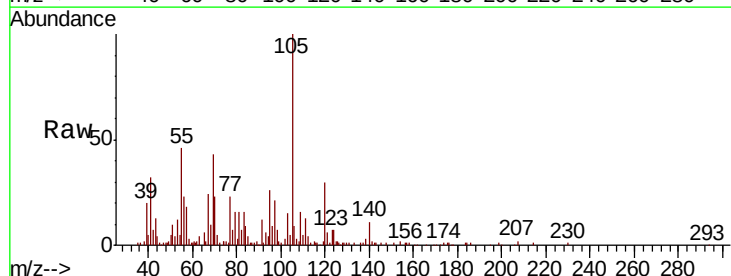
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



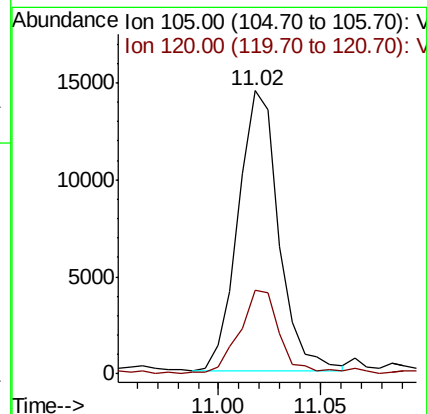
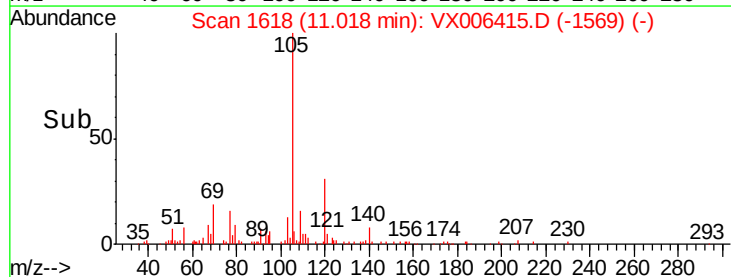
#73

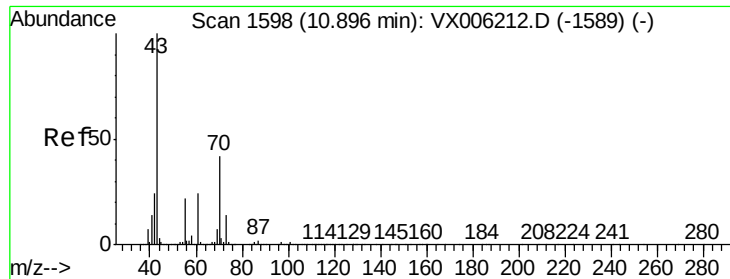
Isopropylbenzene
Concen: 0.507 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX006415.D
Acq: 11 Dec 2018 12:51

Tgt Ion	Ratio	Lower	Upper
105	100		
120	29.8	14.1	42.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 0.803 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX006415.D

Acq: 11 Dec 2018 12:51

Instrument :

MSVOA_X

ClientSampled :

SOIL

Tgt Ion: 43 Resp: 13636

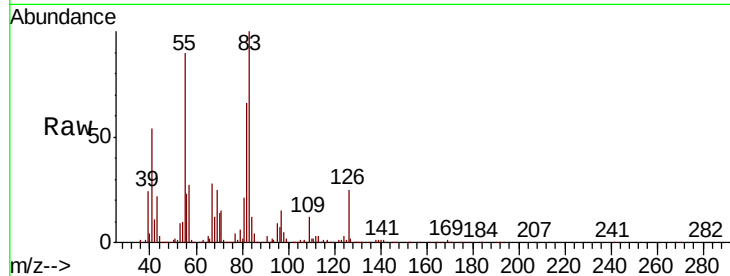
Ion Ratio Lower Upper

43 100

70 111.5 34.1 51.1#

55 466.3 17.8 26.8#

61 0.0 19.7 29.5#

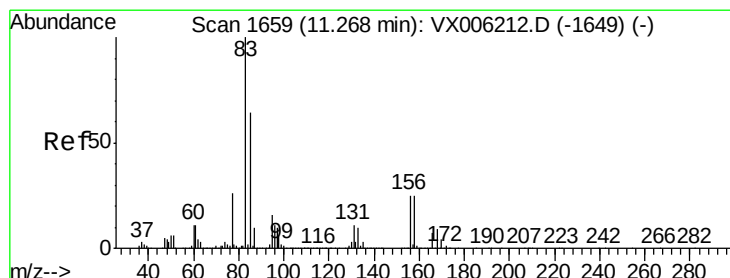
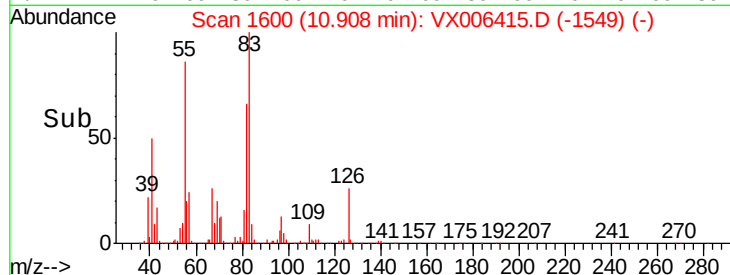
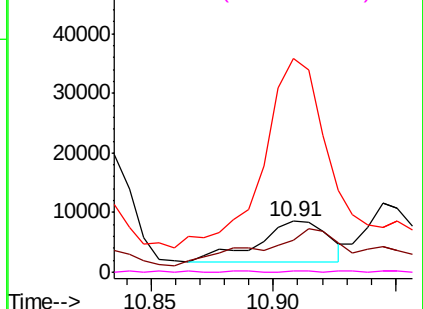


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 0.871 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX006415.D

Acq: 11 Dec 2018 12:51

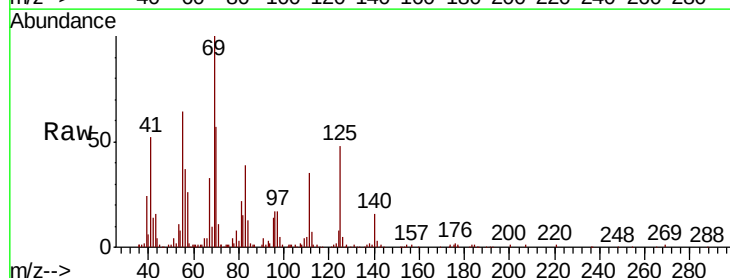
Tgt Ion: 83 Resp: 10987

Ion Ratio Lower Upper

83 100

131 1.8 5.7 17.1#

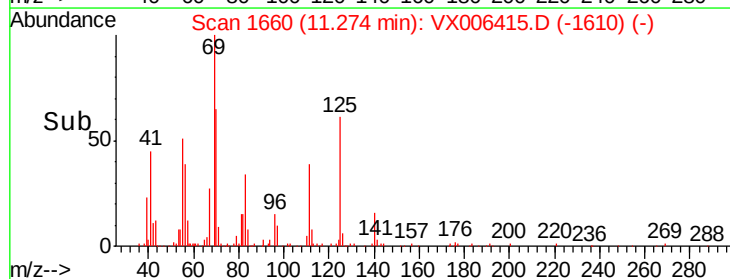
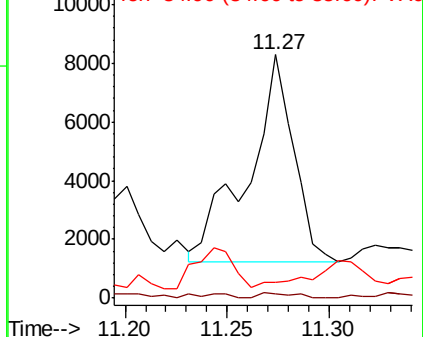
85 0.0 32.1 96.5#

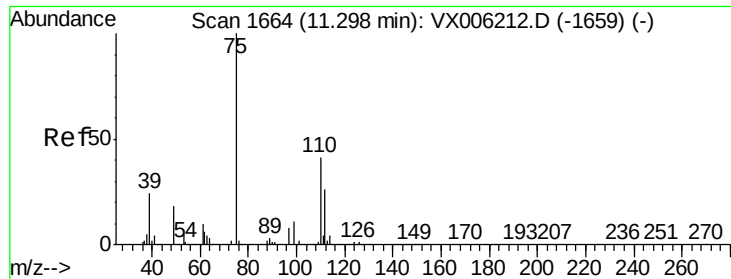


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

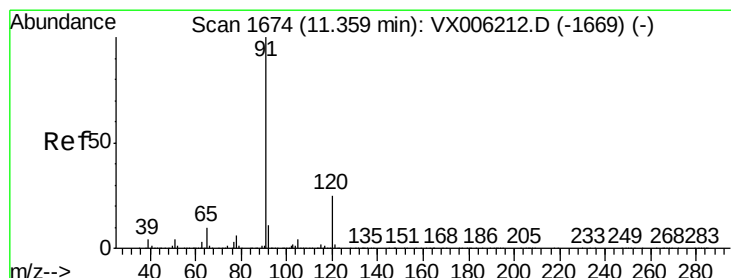
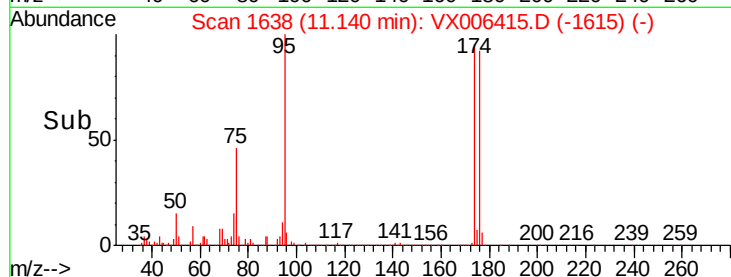
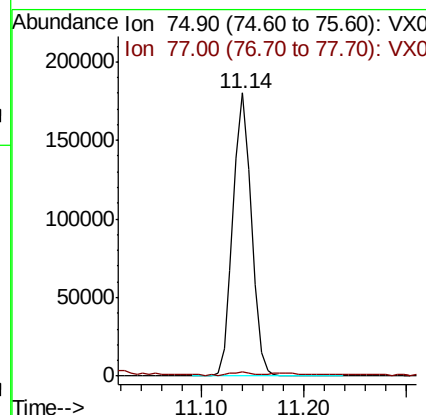
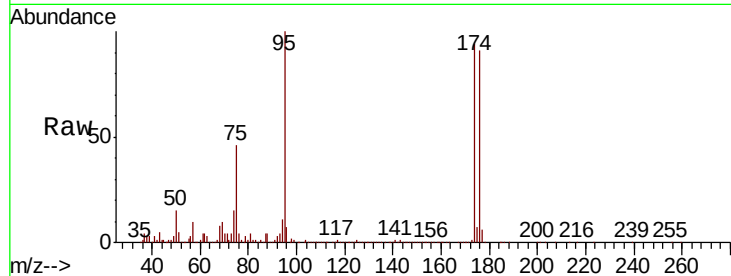




#76
 1,2,3-Trichloropropane
 Concen: 20.546 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.16 min
 Lab File: VX006415.D
 Acq: 11 Dec 2018 12:51

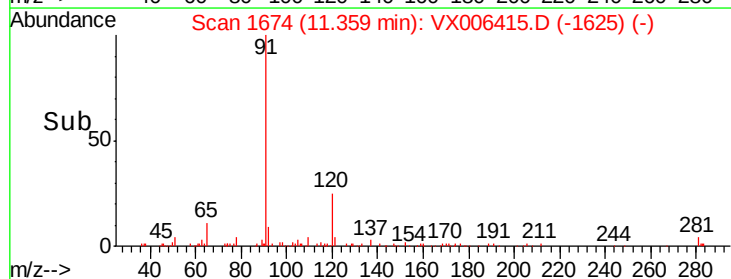
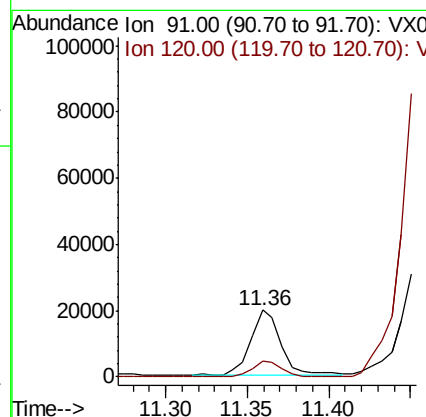
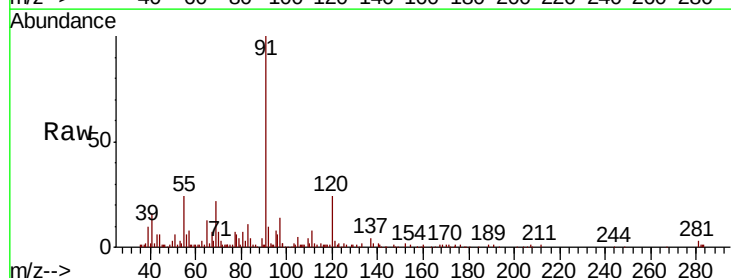
Instrument :
 MSVOA_X
 ClientSampled :
 SOIL

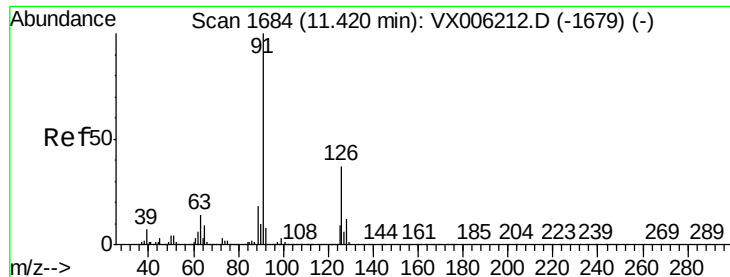
Tgt Ion: 75 Resp: 226432
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.9 59.7#



#78
 n-propylbenzene
 Concen: 0.574 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. 0.00 min
 Lab File: VX006415.D
 Acq: 11 Dec 2018 12:51

Tgt Ion: 91 Resp: 25138
 Ion Ratio Lower Upper
 91 100
 120 24.5 12.7 38.0





#79

2-Chlorotoluene

Concen: 1.787 ug/l

RT: 11.46 min Scan# 1690

Delta R.T. 0.04 min

Lab File: VX006415.D

Acq: 11 Dec 2018 12:51

Instrument :

MSVOA_X

ClientSampled :

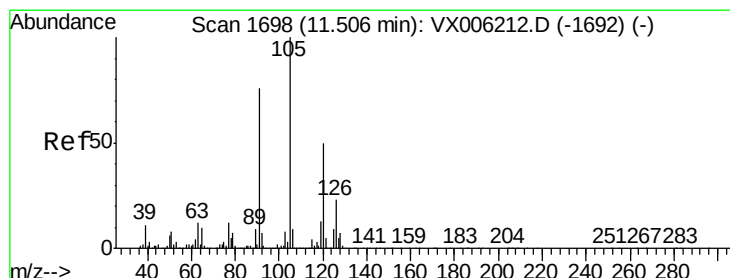
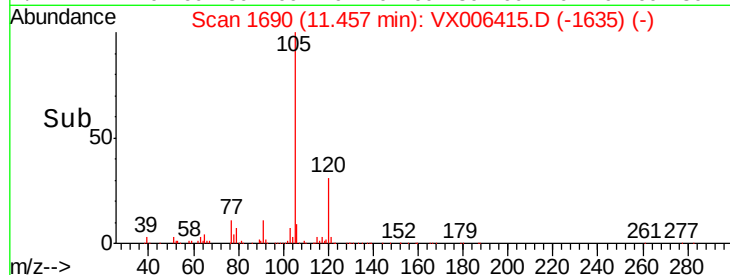
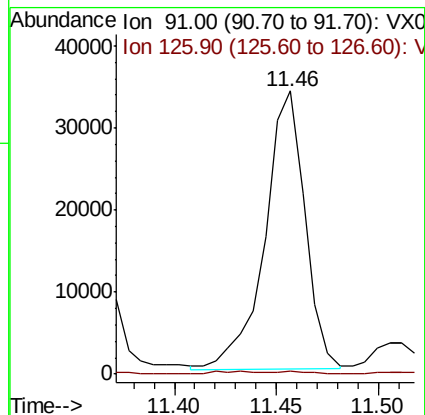
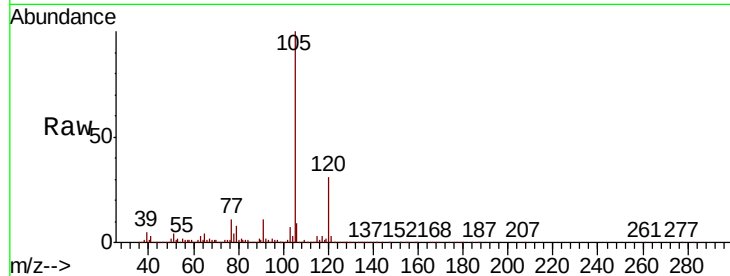
SOIL

Tgt Ion: 91 Resp: 46552

Ion Ratio Lower Upper

91 100

126 0.7 18.6 56.0#



#80

1,3,5-Trimethylbenzene

Concen: 1.299 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006415.D

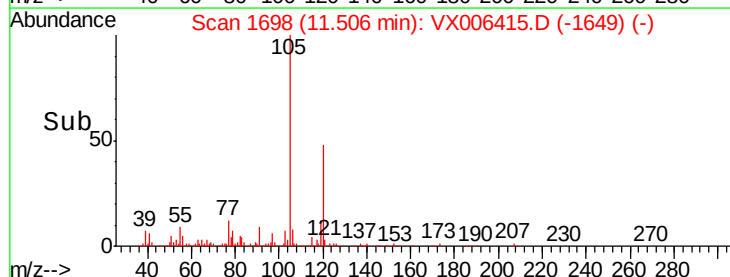
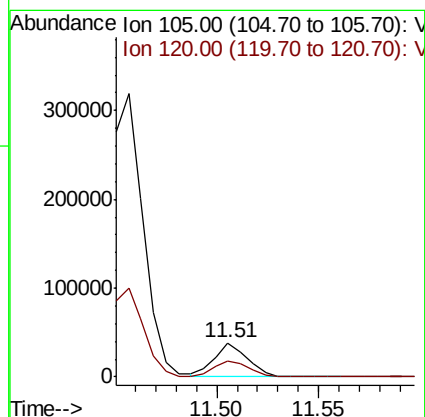
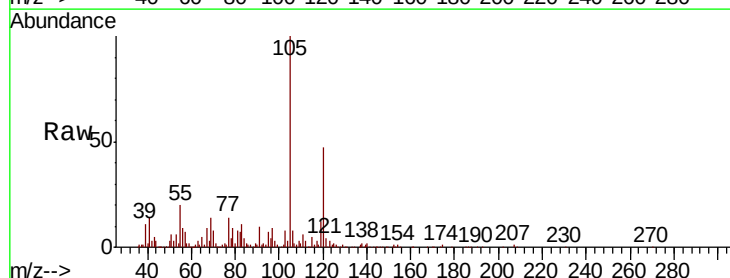
Acq: 11 Dec 2018 12:51

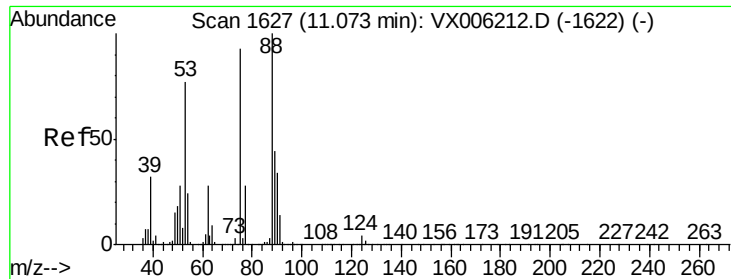
Tgt Ion: 105 Resp: 42612

Ion Ratio Lower Upper

105 100

120 53.4 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 48.215 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX006415.D

Acq: 11 Dec 2018 12:51

Instrument :

MSVOA_X

ClientSampleId :

SOIL

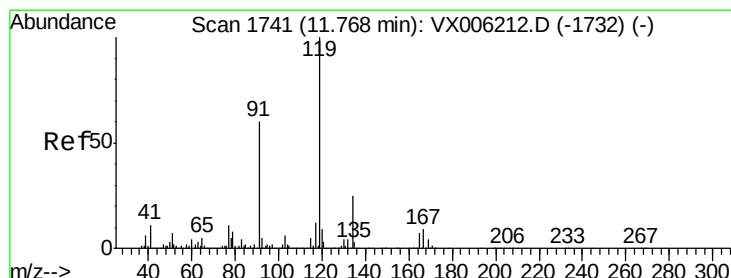
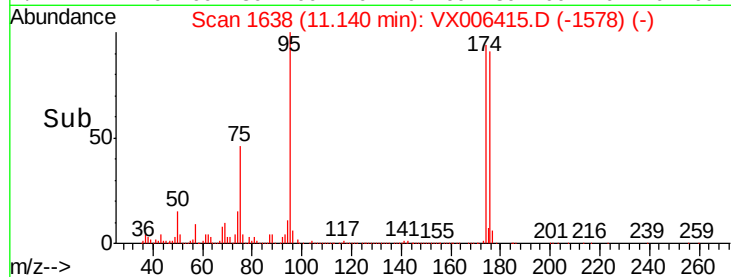
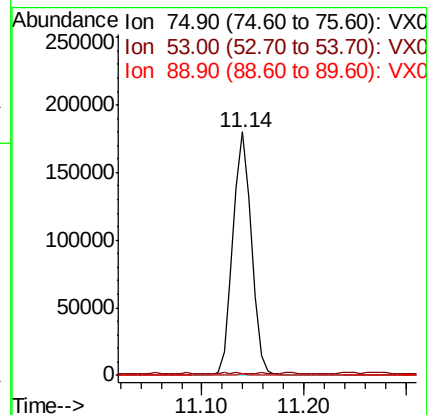
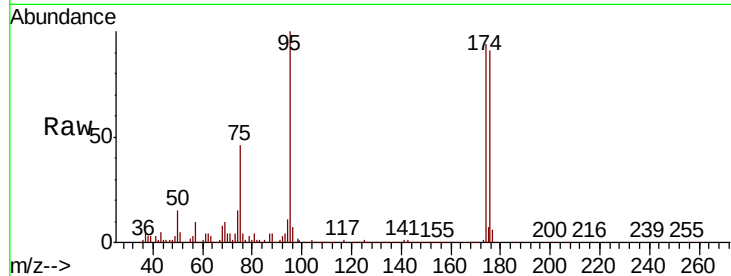
Tgt Ion: 75 Resp: 226432

Ion Ratio Lower Upper

75 100

53 0.3 64.4 96.6#

89 0.3 44.2 66.4#



#83

tert-Butylbenzene

Concen: 4.178 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.04 min

Lab File: VX006415.D

Acq: 11 Dec 2018 12:51

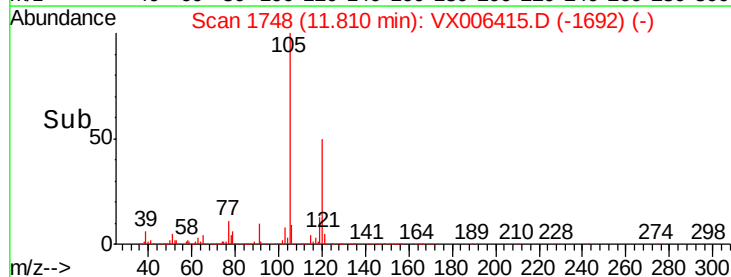
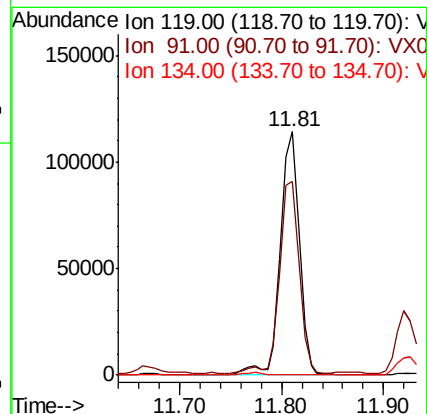
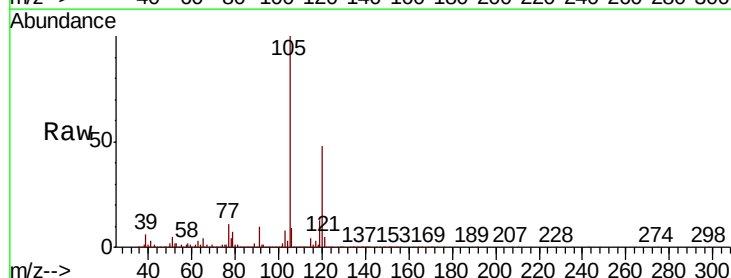
Tgt Ion: 119 Resp: 146238

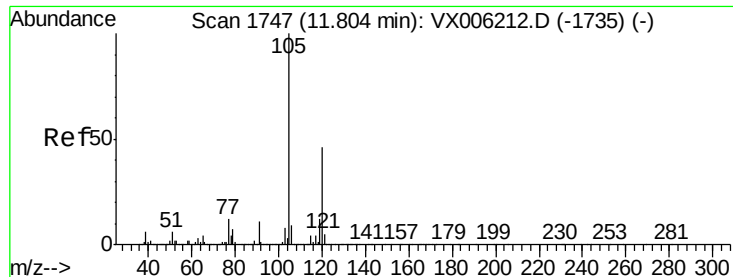
Ion Ratio Lower Upper

119 100

91 81.8 26.4 79.2#

134 0.0 11.6 34.7#





#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

Instrument :

MSVOA_X

ClientSampled :

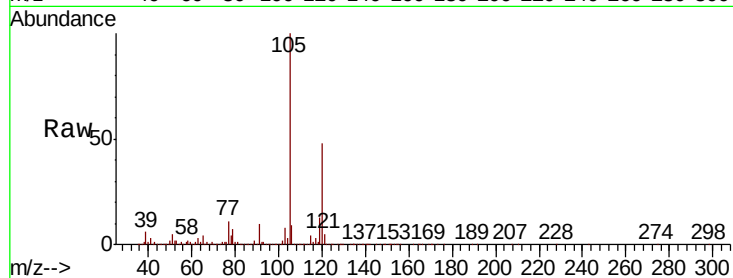
SOIL

Tgt Ion:105 Resp: 1140304

Ion Ratio Lower Upper

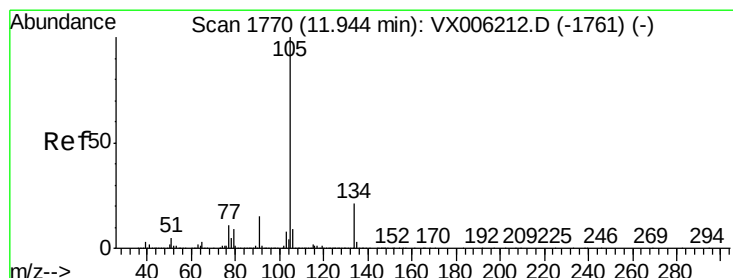
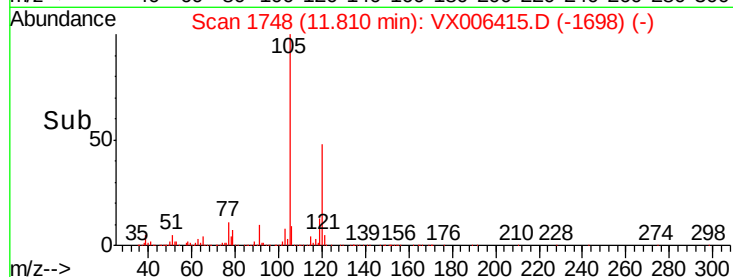
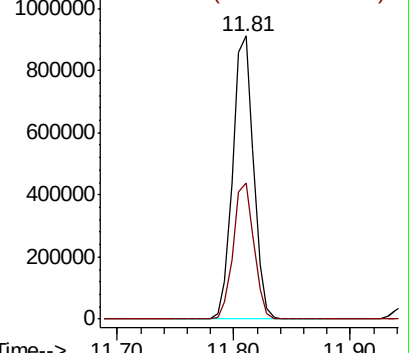
105 100

120 48.0 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 1.363 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006415.D

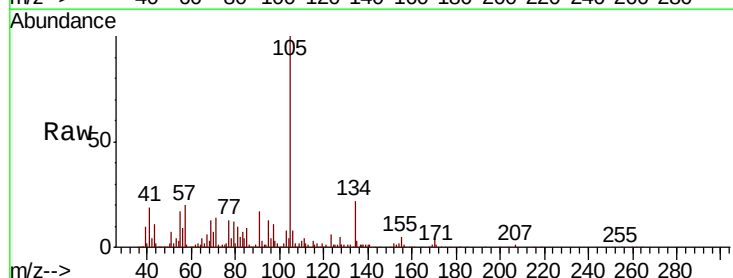
Acq: 11 Dec 2018 12:51

Tgt Ion:105 Resp: 54270

Ion Ratio Lower Upper

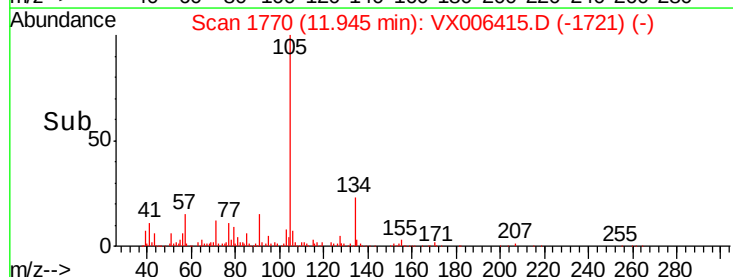
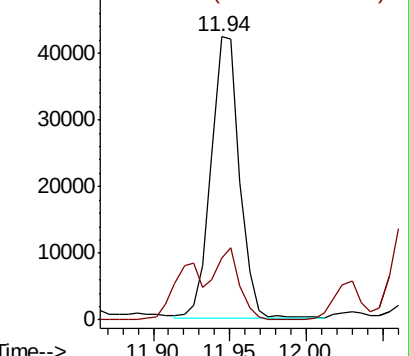
105 100

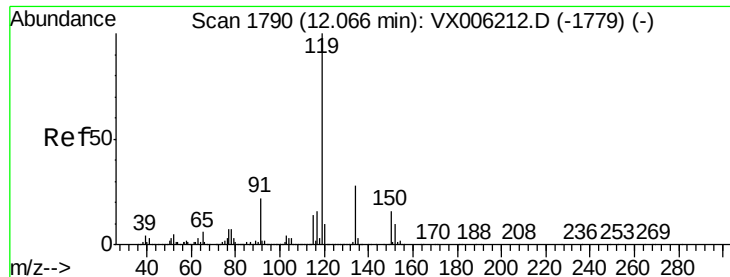
134 22.3 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

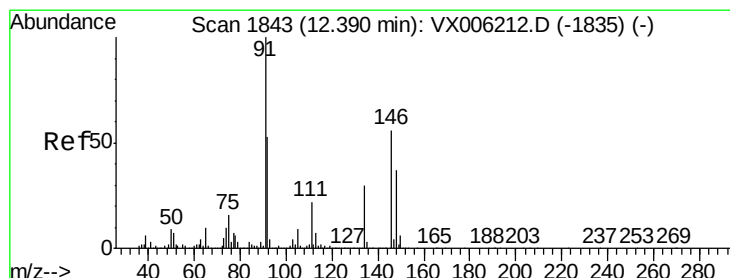
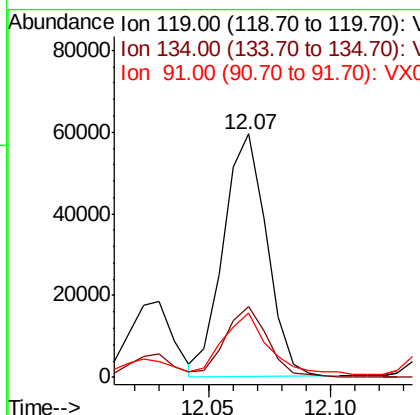
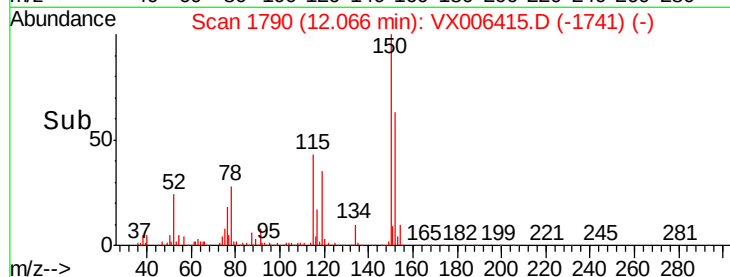
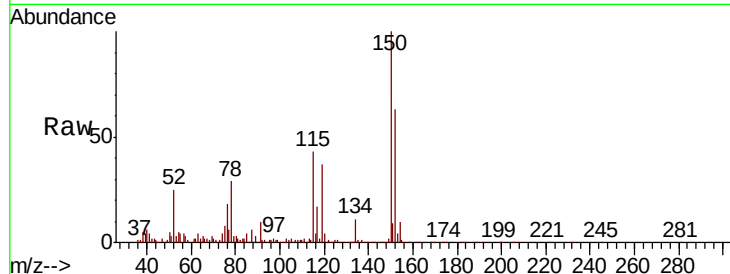




#86
p-Isopropyltoluene
Concen: 2.031 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX006415.D
Acq: 11 Dec 2018 12:51

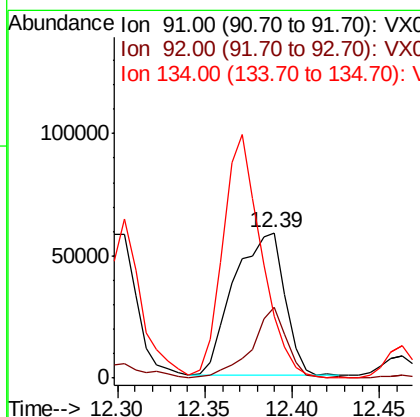
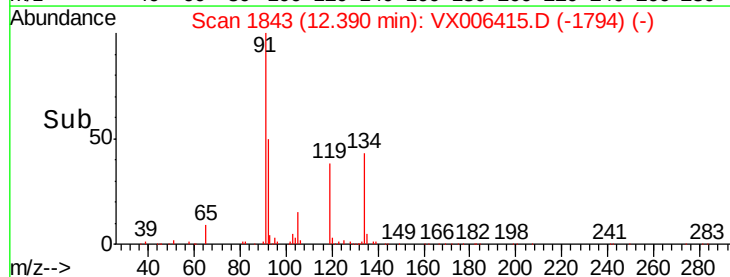
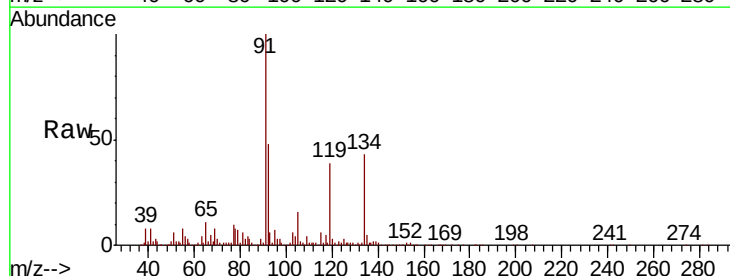
Instrument :
MSVOA_X
ClientSampleId :
SOIL

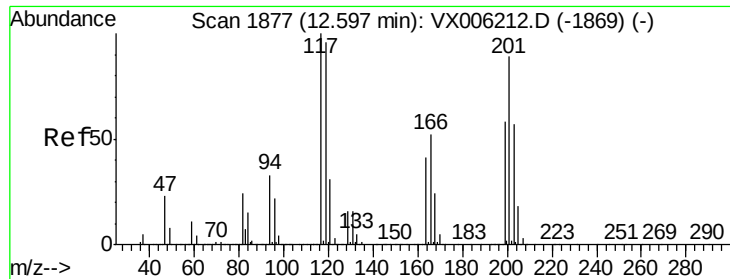
Tgt Ion	Ratio	Lower	Upper
119	100		
134	28.0	13.9	41.6
91	27.1	11.3	33.8



#89
n-Butylbenzene
Concen: 3.871 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006415.D
Acq: 11 Dec 2018 12:51

Tgt Ion	Ratio	Lower	Upper
91	100		
92	33.7	26.6	79.8
134	128.1	14.8	44.3#





#90

Hexachloroethane

Concen: 5.720 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX006415.D

Acq: 11 Dec 2018 12:51

Instrument :

MSVOA_X

ClientSampled :

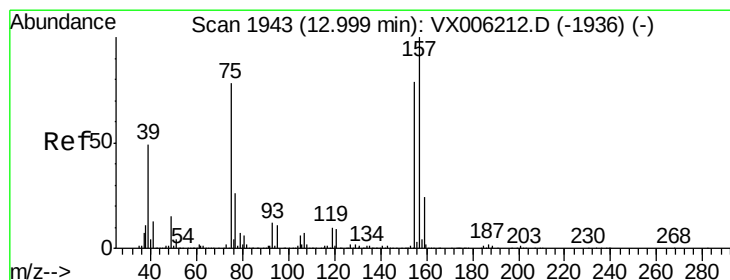
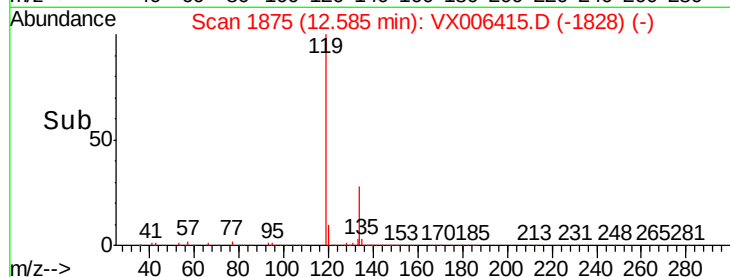
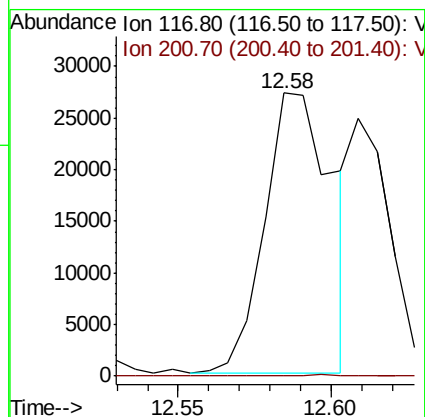
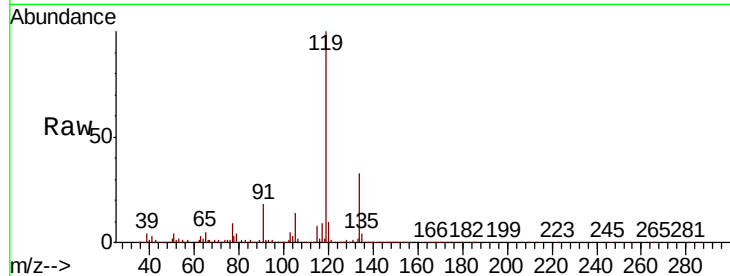
SOIL

Tgt Ion: 117 Resp: 41806

Ion Ratio Lower Upper

117 100

201 0.3 44.7 134.1#



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.044 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX006415.D

Acq: 11 Dec 2018 12:51

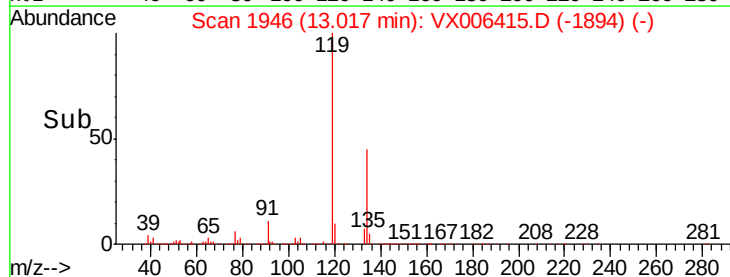
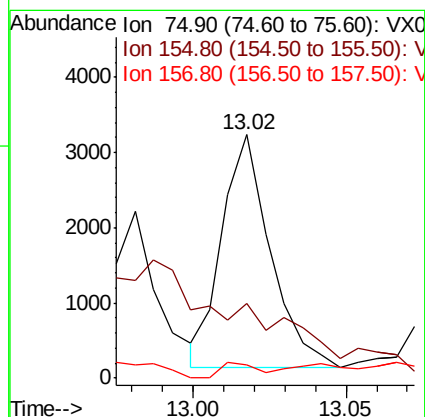
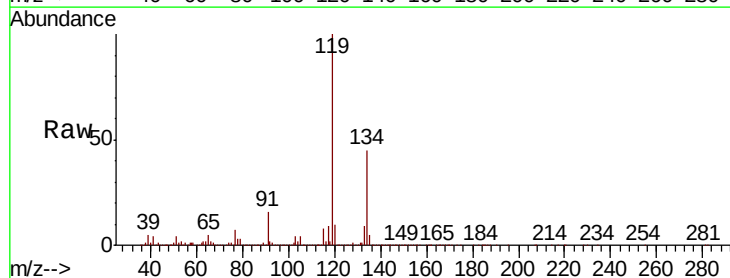
Tgt Ion: 75 Resp: 3377

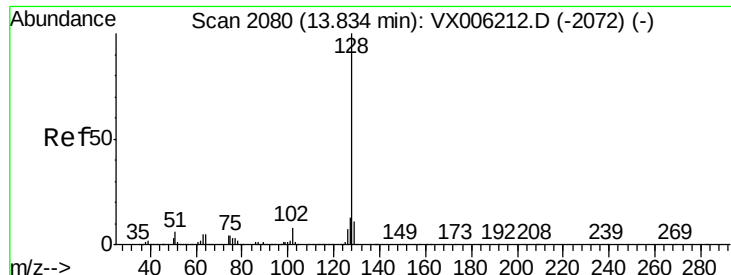
Ion Ratio Lower Upper

75 100

155 0.0 53.4 160.3#

157 5.1 68.0 203.8#





#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

Instrument :
MSVOA_X
ClientSampleId :
SOIL

Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.2	15.4
129	15.0	8.9	13.3

