

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100318\
 Data File : VX004938.D
 Acq On : 02 Oct 2018 23:56
 Operator : JC/MD
 Sample : J5170-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HC-SOIL-1

Quant Time: Oct 03 04:46:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	203297	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	348146	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	351002	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	201878	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	164614	56.68	ug/l	0.00
Spiked Amount			Recovery	=	113.36%	
35) Dibromofluoromethane	5.51	113	139976	47.44	ug/l	0.00
Spiked Amount			Recovery	=	94.88%	
50) Toluene-d8	8.71	98	507906	51.78	ug/l	0.00
Spiked Amount			Recovery	=	103.56%	
62) 4-Bromofluorobenzene	11.14	95	188679	53.39	ug/l	0.00
Spiked Amount			Recovery	=	106.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.71	64	190	Below Cal	#	1
11) Tert butyl alcohol	3.07	59	493	0.607	ug/l #	72
13) Acrolein	2.30	56	415	0.718	ug/l #	10
16) Acetone	2.45	43	20454	12.064	ug/l	96
17) Carbon Disulfide	2.57	76	1716	0.259	ug/l #	91
18) Methyl Acetate	2.78	43	13269	3.089	ug/l	98
20) Methylene Chloride	2.85	84	179386	73.158	ug/l	87
25) 2-Butanone	4.71	43	4215	1.687	ug/l	94
29) Tetrahydrofuran	5.17	42	1635	1.053	ug/l #	81
30) Chloroform	5.21	83	2156	0.473	ug/l	95
36) 1,1-Dichloropropene	5.66	75	13861	3.443	ug/l #	46
38) Carbon Tetrachloride	5.67	117	17792	4.204	ug/l #	17
43) Isopropyl Acetate	6.46	43	174684	22.648	ug/l	97
47) Bromodichloromethane	7.90	83	873	0.240	ug/l #	71
48) Methyl methacrylate	7.69	41	7251	2.071	ug/l #	25
49) 1,4-Dioxane	7.65	88	22	0.253	ug/l #	23
51) 4-Methyl-2-Pentanone	8.65	43	978	0.201	ug/l #	20
52) Toluene	8.79	92	4968	0.717	ug/l	94
54) cis-1,3-Dichloropropene	8.63	75	1021	0.237	ug/l #	73
56) Ethyl methacrylate	9.07	69	125	2.886	ug/l #	38
58) 2-Chloroethyl Vinyl ether	8.46	63	22	14.250	ug/l #	49
59) 2-Hexanone	9.55	43	11091	2.741	ug/l #	55
67) Ethyl Benzene	10.26	91	9186	0.643	ug/l	93
68) m/p-Xylenes	10.36	106	8187	1.466	ug/l	91
69) o-Xylene	10.70	106	3869	0.754	ug/l	90
70) Styrene	10.71	104	3805	2.520	ug/l	91
74) N-amyl acetate	10.90	43	51	1.755	ug/l #	1
76) 1,2,3-Trichloropropane	11.14	75	93079	20.571	ug/l #	35
78) n-propylbenzene	11.36	91	3437	0.235	ug/l	99
79) 2-Chlorotoluene	11.43	91	2752	0.302	ug/l #	48
80) 1,3,5-Trimethylbenzene	11.51	105	7098	0.413	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.14	75	93079	55.862	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.81	105	25233	1.908	ug/l	98
89) n-Butylbenzene	12.38	91	2770	0.264	ug/l #	37

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Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

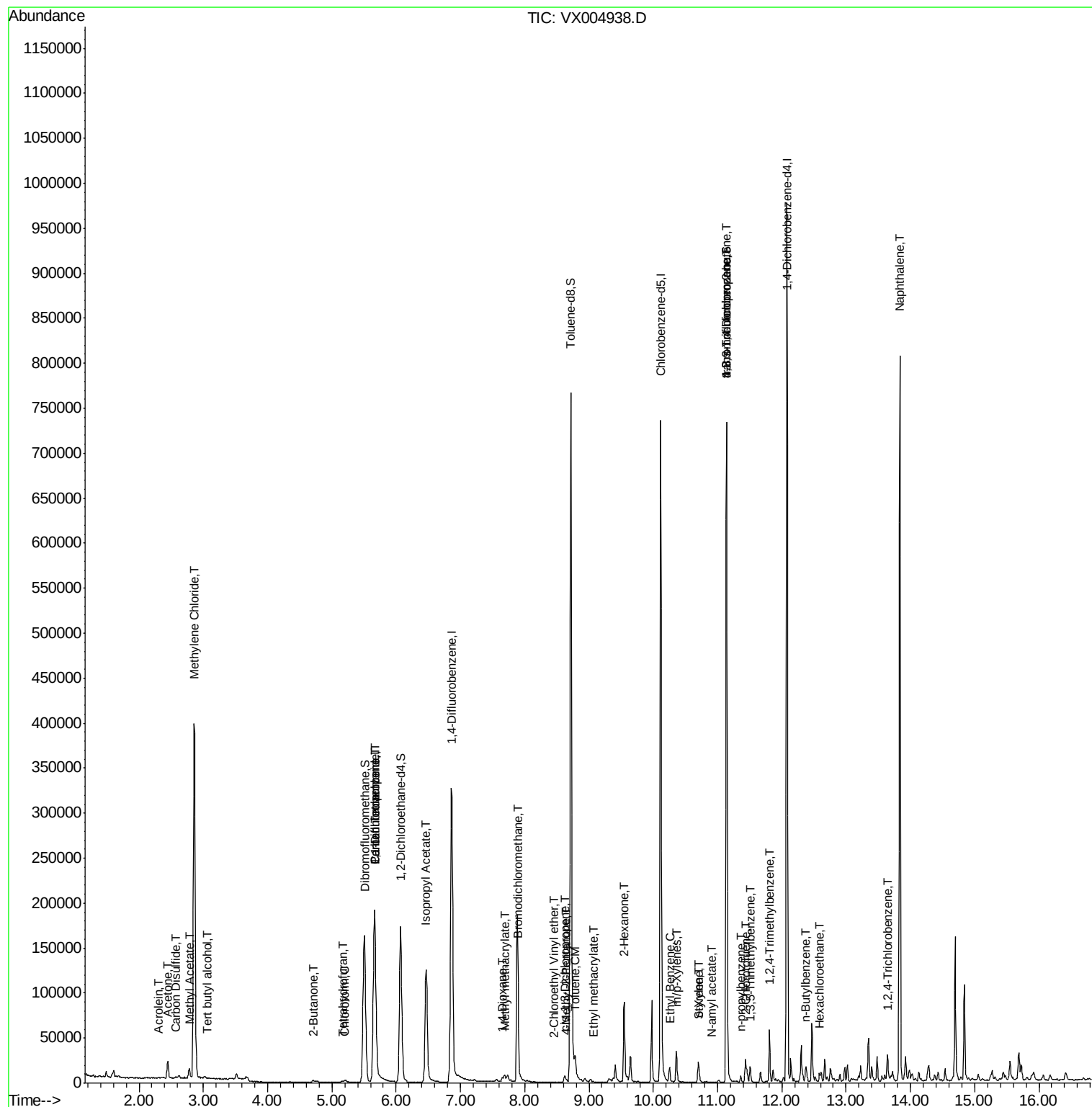
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.59	117	692	0.359	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.65	180	4458	0.881	ug/l	94
95) Naphthalene	13.83	128	480711	28.935	ug/l	100

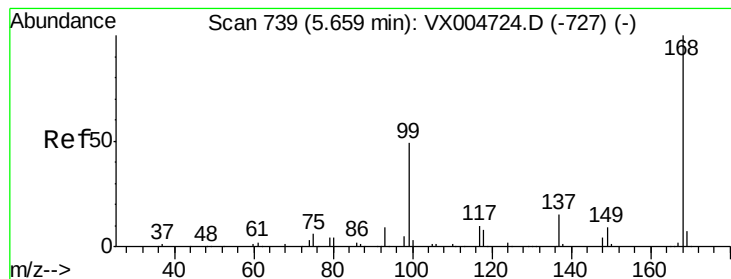
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004938.D

Acq: 02 Oct 2018 23:56

Instrument :

MSVOA_X

ClientSampleId :

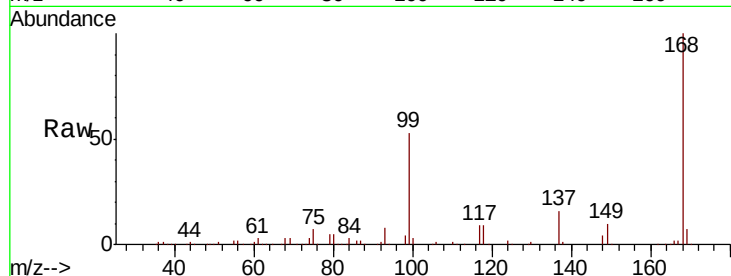
HC-SOIL-1

Tot Ion:168 Resp: 203297

Ion Ratio Lower Upper

168 100

99 53.5 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

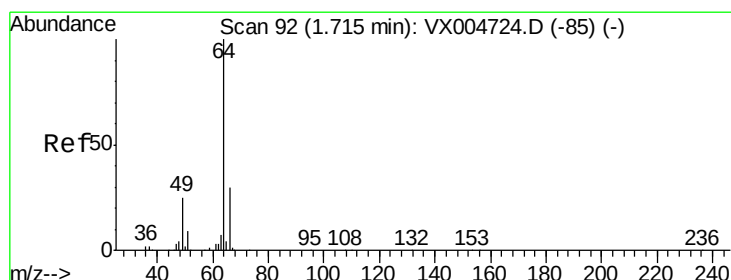
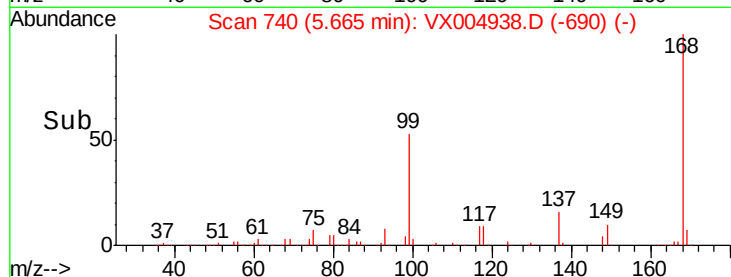
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#6

Chloroethane

Concen: Below Cal

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX004938.D

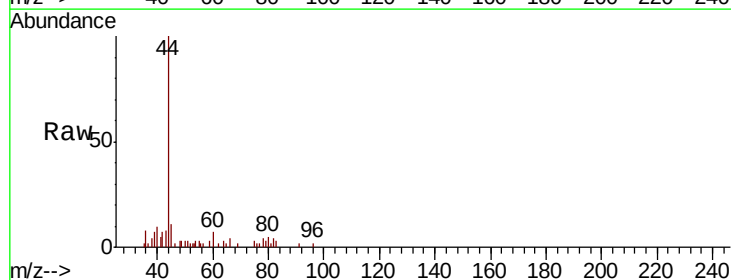
Acq: 02 Oct 2018 23:56

Tgt Ion: 64 Resp: 190

Ion Ratio Lower Upper

64 100

66 113.2 23.8 35.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

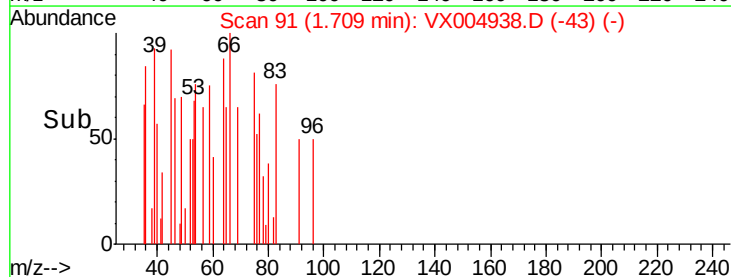
Ion 65.90 (65.60 to 66.60): VX0

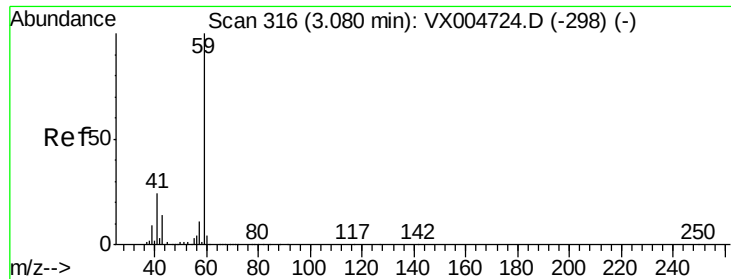
100

50

0

Time--> 1.68 1.70 1.72 1.74

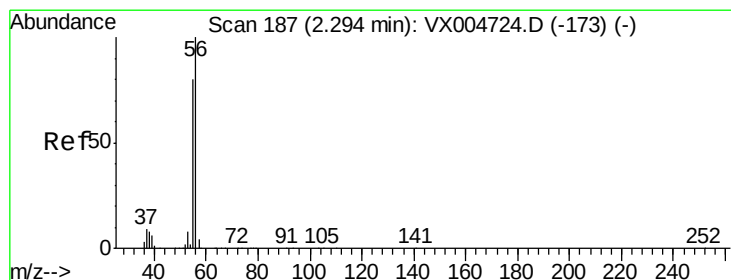
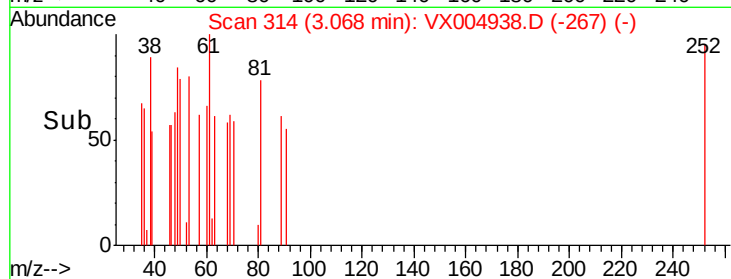
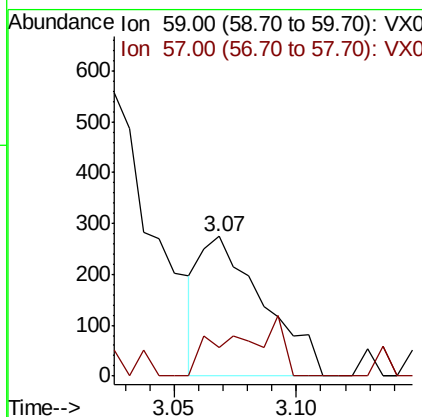
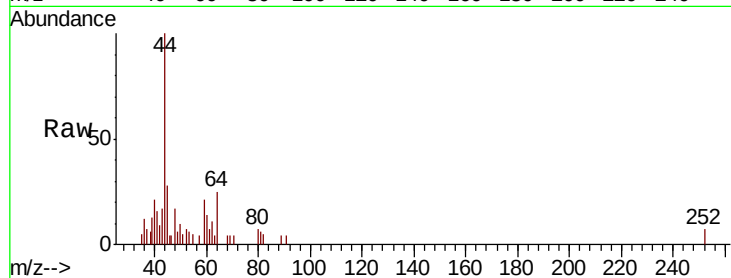




#11
Tert butyl alcohol
Concen: 0.607 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX004938.D
Acq: 02 Oct 2018 23:56

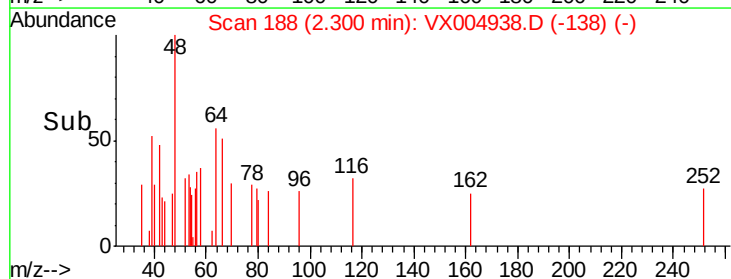
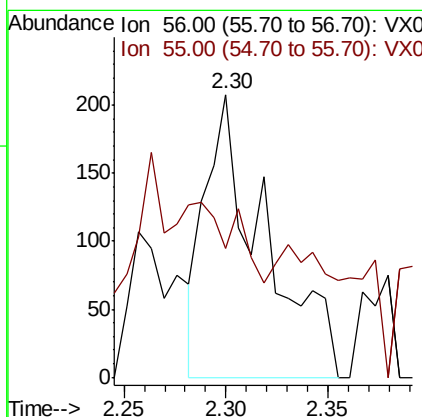
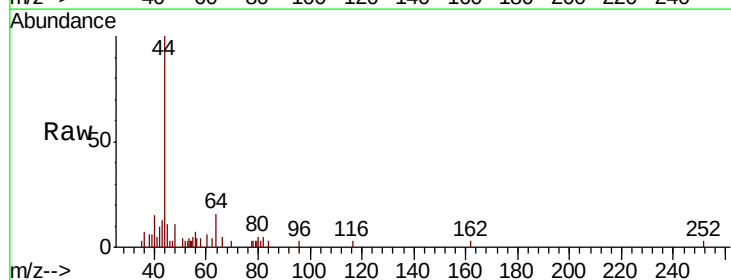
Instrument :
MSVOA_X
ClientSampled :
HC-SOIL-1

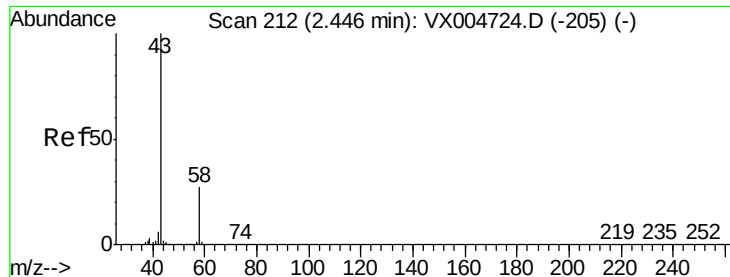
Tot Ion: 59 Resp: 493
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#13
Acrolein
Concen: 0.718 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX004938.D
Acq: 02 Oct 2018 23:56

Tgt Ion: 56 Resp: 415
Ion Ratio Lower Upper
56 100
55 0.0 63.4 95.2#





#16

Acetone

Concen: 12.064 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004938.D

Acq: 02 Oct 2018 23:56

Instrument :

MSVOA_X

ClientSampleId :

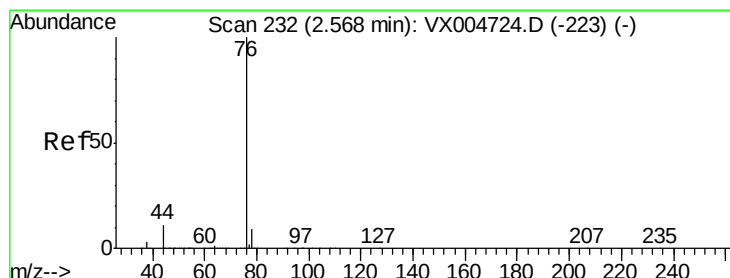
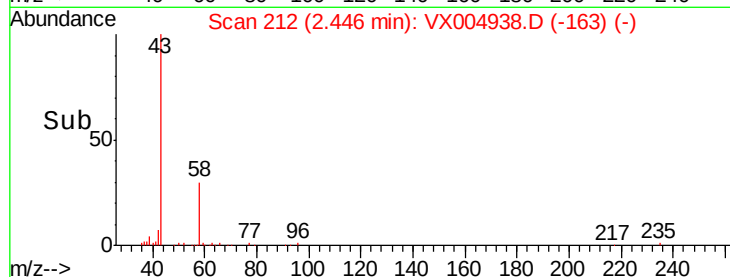
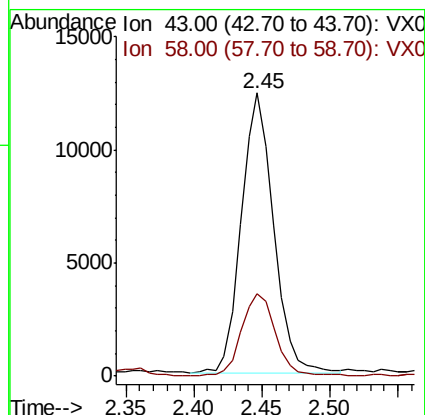
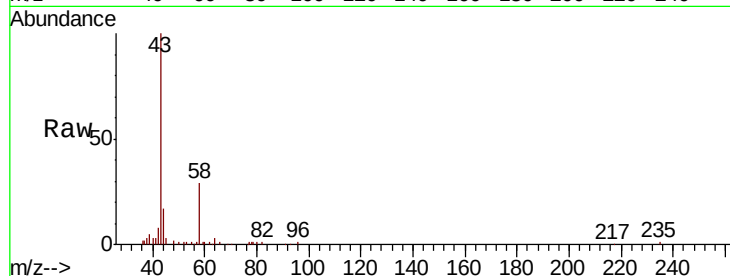
HC-SOIL-1

Tot Ion: 43 Resp: 20454

Ion Ratio Lower Upper

43 100

58 29.5 21.8 32.6



#17

Carbon Disulfide

Concen: 0.259 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX004938.D

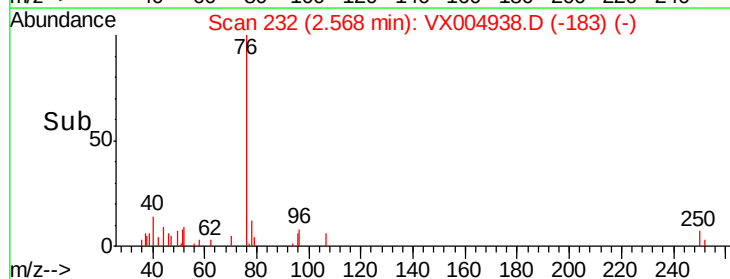
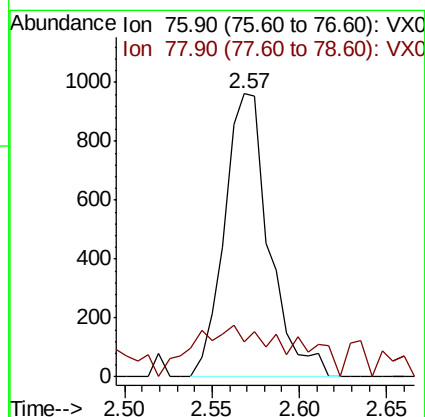
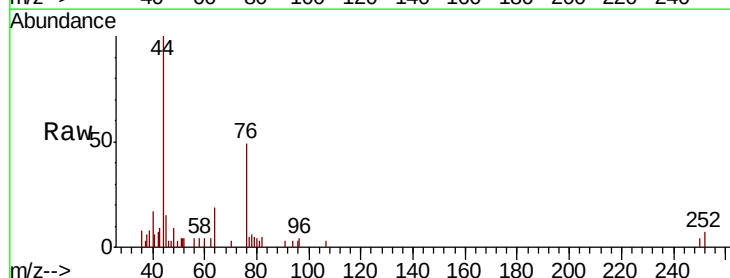
Acq: 02 Oct 2018 23:56

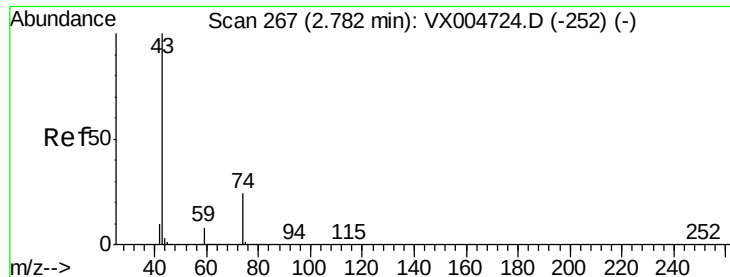
Tgt Ion: 76 Resp: 1716

Ion Ratio Lower Upper

76 100

78 12.2 7.0 10.6#

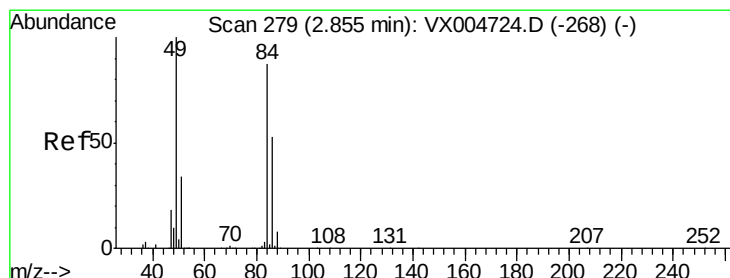
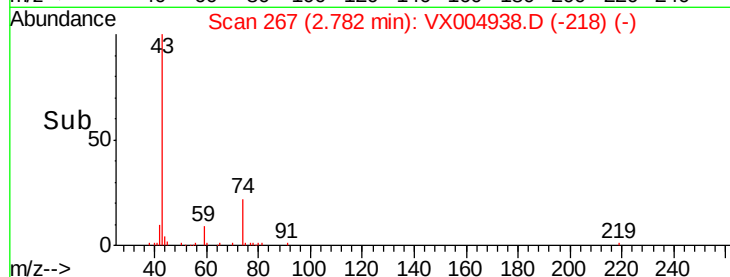
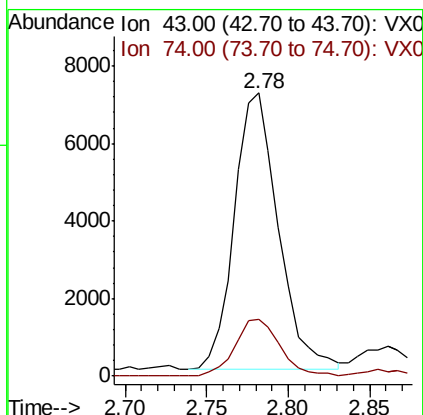
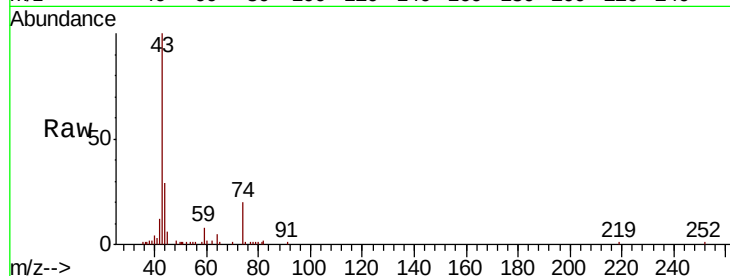




#18
Methvl Acetate
Concen: 3.089 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX004938.D
Acq: 02 Oct 2018 23:56

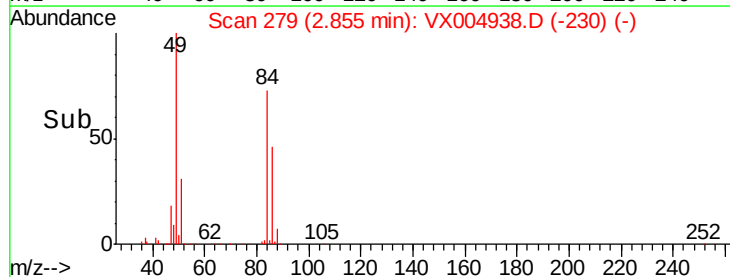
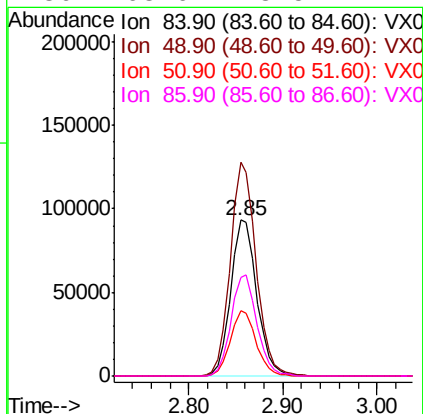
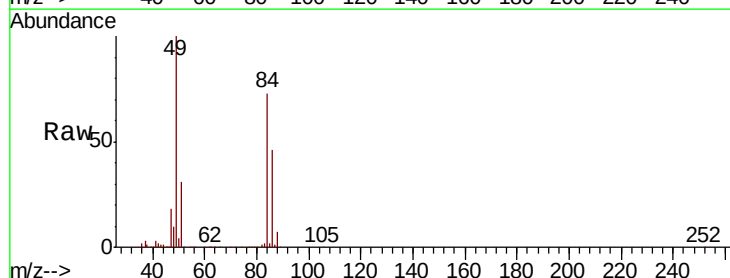
Instrument :
MSVOA_X
ClientSampleId :
HC-SOIL-1

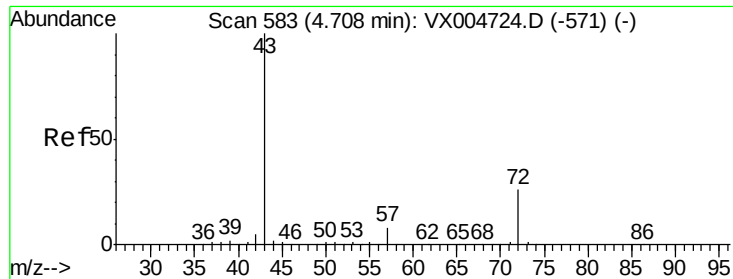
Tot Ion: 43 Resp: 13269
Ion Ratio Lower Upper
43 100
74 21.4 17.8 26.8



#20
Methylene Chloride
Concen: 73.158 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004938.D
Acq: 02 Oct 2018 23:56

Tgt Ion: 84 Resp: 179386
Ion Ratio Lower Upper
84 100
49 137.2 92.3 138.5
51 42.2 31.8 47.6
86 63.6 48.5 72.7

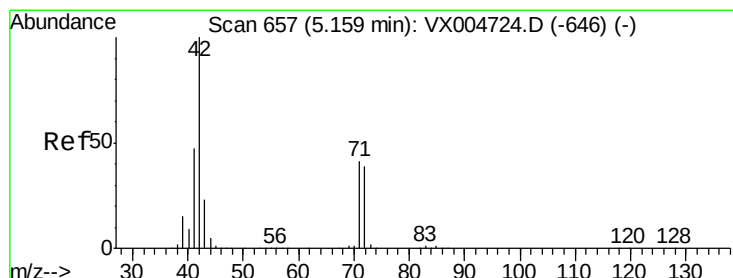
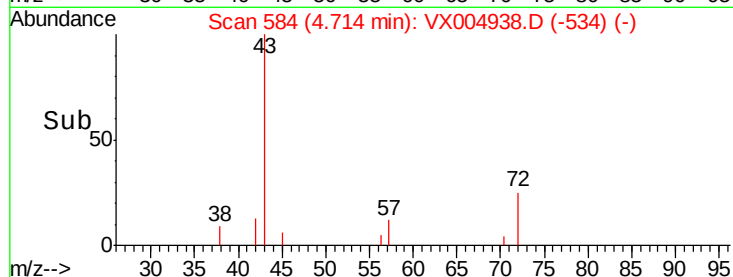
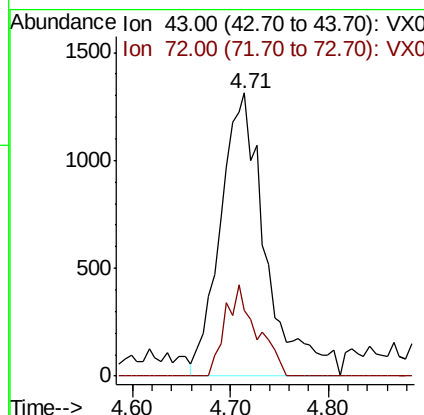
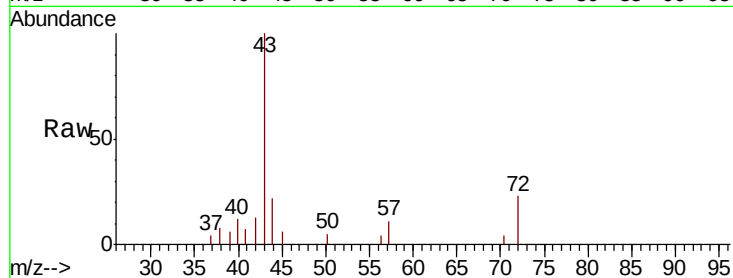




#25
 2-Butanone
 Concen: 1.687 ug/l
 RT: 4.71 min Scan# 584
 Delta R.T. 0.01 min
 Lab File: VX004938.D
 Acq: 02 Oct 2018 23:56

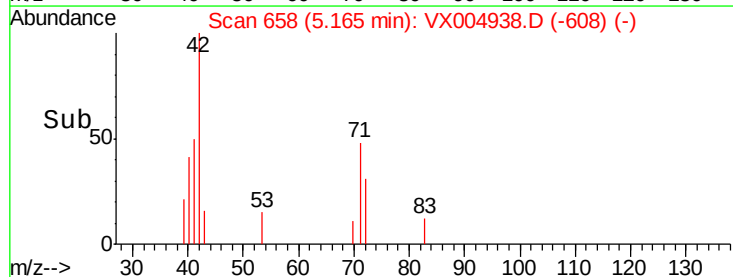
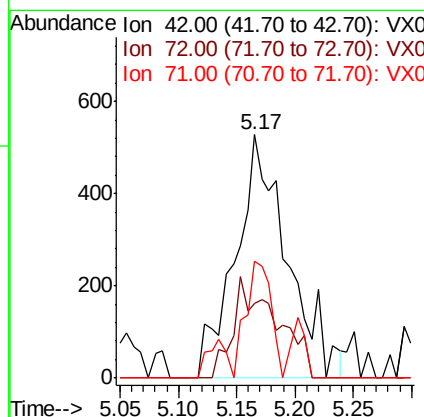
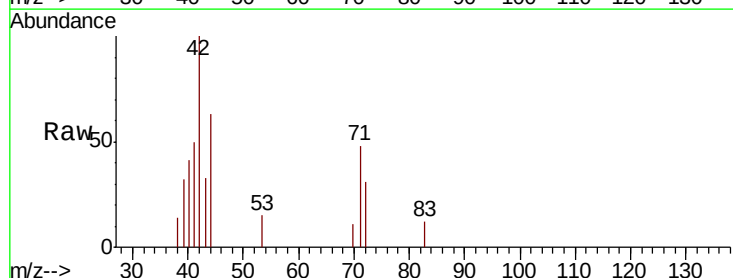
Instrument :
 MSVOA_X
 ClientSampled :
 HC-SOIL-1

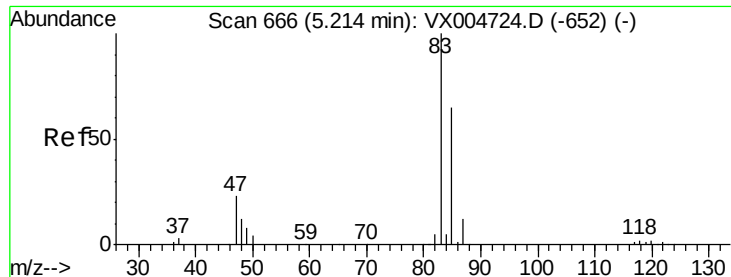
Tot Ion: 43 Resp: 4215
 Ion Ratio Lower Upper
 43 100
 72 23.1 20.8 31.2



#29
 Tetrahydrofuran
 Concen: 1.053 ug/l
 RT: 5.17 min Scan# 658
 Delta R.T. 0.01 min
 Lab File: VX004938.D
 Acq: 02 Oct 2018 23:56

Tgt Ion: 42 Resp: 1635
 Ion Ratio Lower Upper
 42 100
 72 35.0 33.7 50.5
 71 23.5 32.2 48.4#

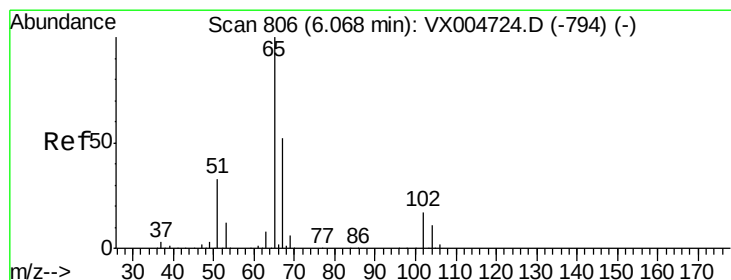
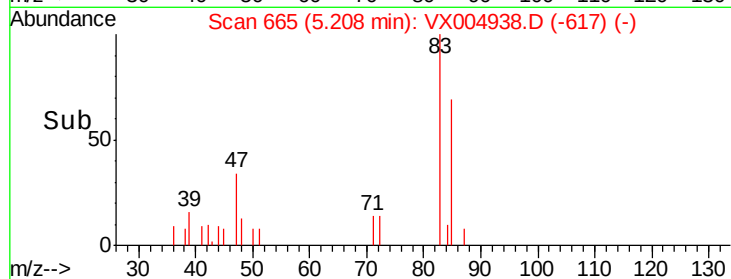
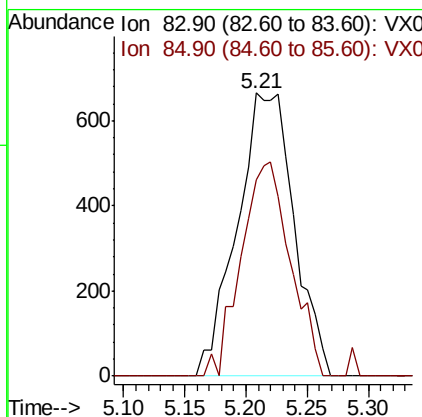
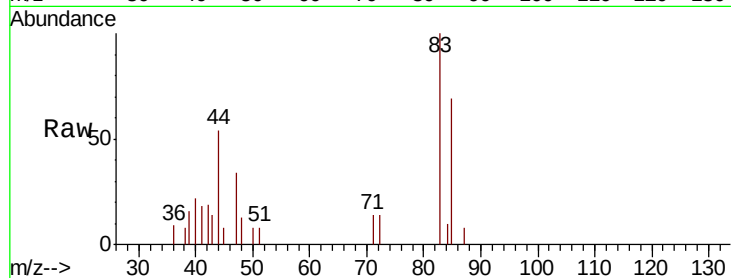




#30
Chloroform
Concen: 0.473 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX004938.D
Acq: 02 Oct 2018 23:56

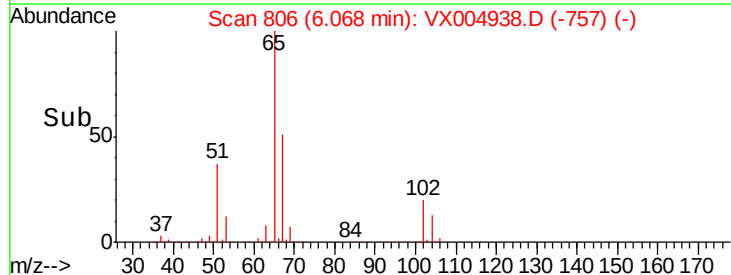
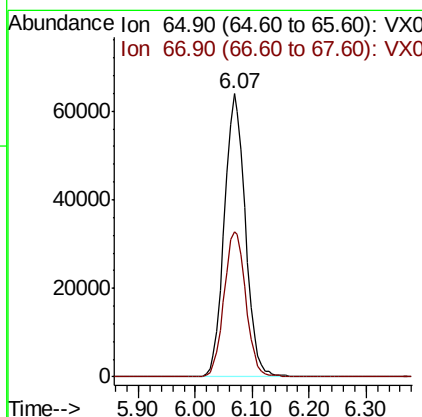
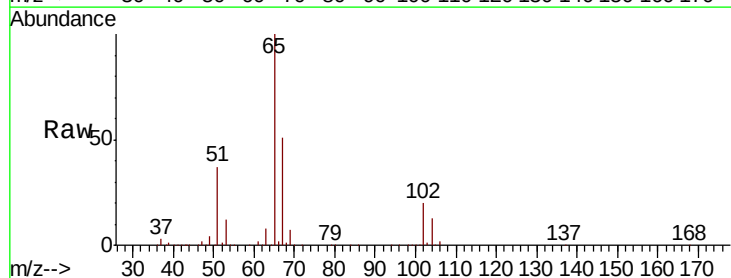
Instrument :
MSVOA_X
ClientSampled :
HC-SOIL-1

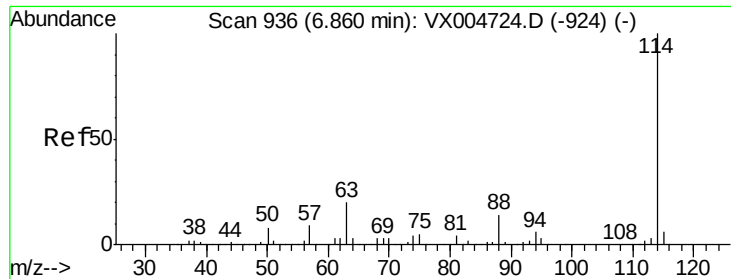
Tot Ion: 83 Resp: 2156
Ion Ratio Lower Upper
83 100
85 69.5 52.4 78.6



#33
1,2-Dichloroethane-d4
Concen: 56.683 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX004938.D
Acq: 02 Oct 2018 23:56

Tgt Ion: 65 Resp: 164614
Ion Ratio Lower Upper
65 100
67 53.1 0.0 107.4

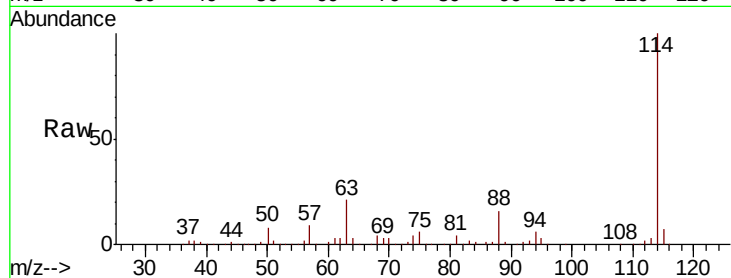




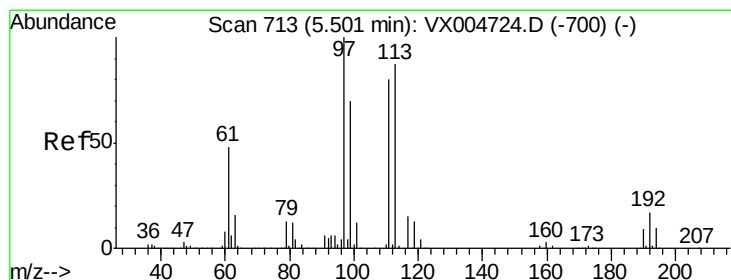
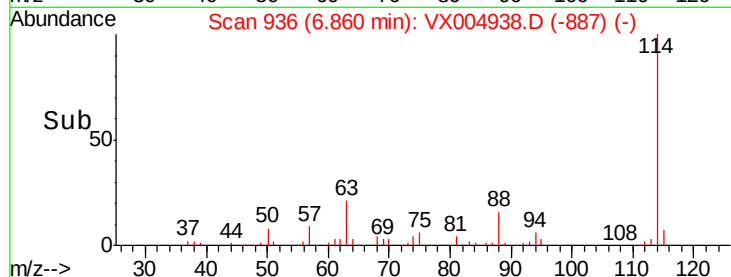
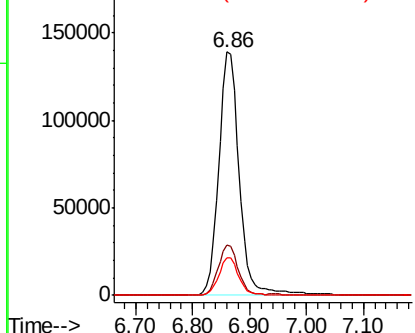
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004938.D
 Acq: 02 Oct 2018 23:56

Instrument :
 MSVOA_X
 ClientSampleId :
 HC-SOIL-1

Tot Ion:114 Resp: 348146
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.8
 88 15.5 0.0 27.0

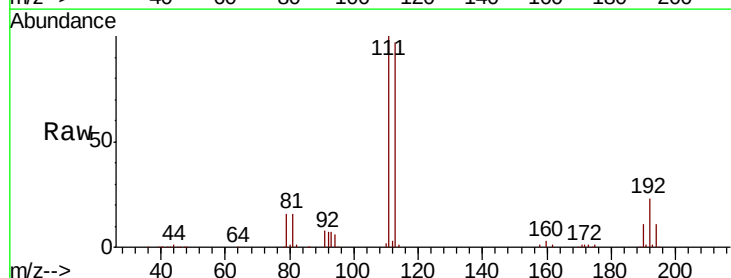


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

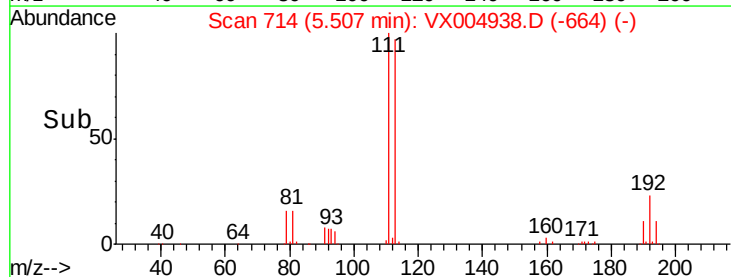
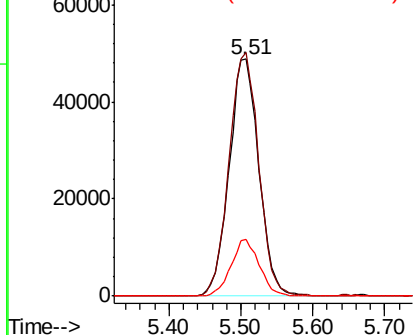


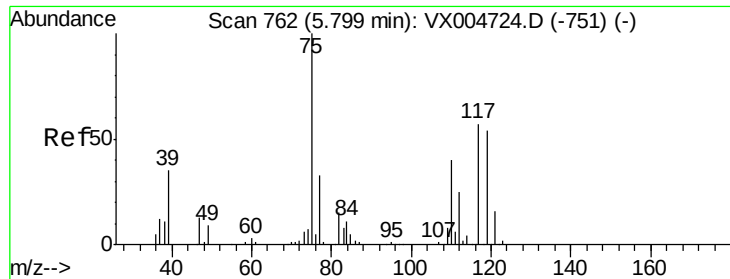
#35
 Dibromofluoromethane
 Concen: 47.440 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004938.D
 Acq: 02 Oct 2018 23:56

Tgt Ion:113 Resp: 139976
 Ion Ratio Lower Upper
 113 100
 111 102.3 77.0 115.4
 192 22.9 17.0 25.6



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

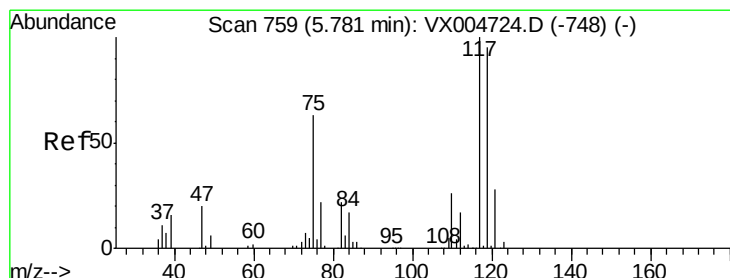
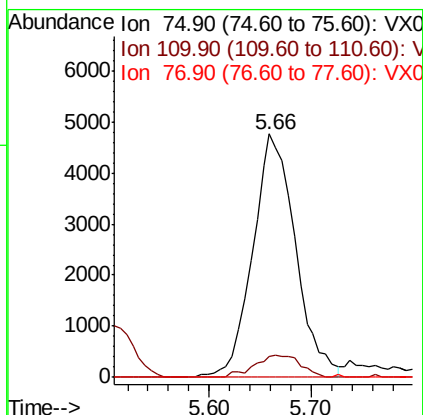
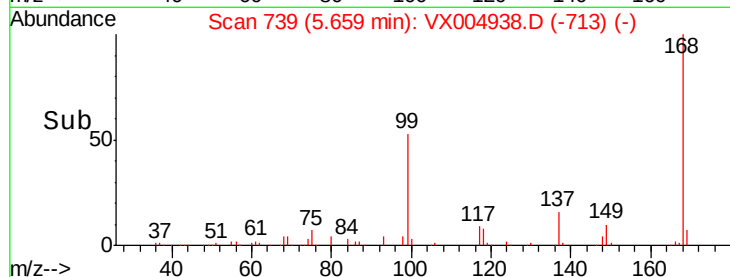
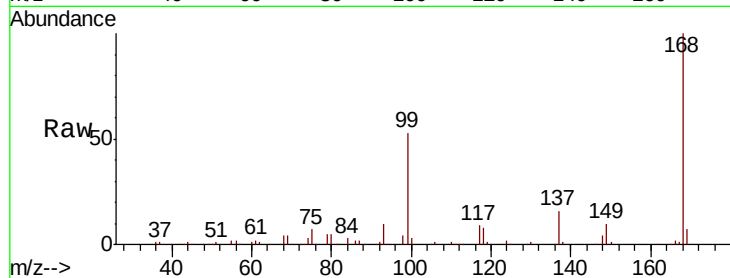




#36
 1,1-Dichloropropene
 Concen: 3.443 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX004938.D
 Acq: 02 Oct 2018 23:56

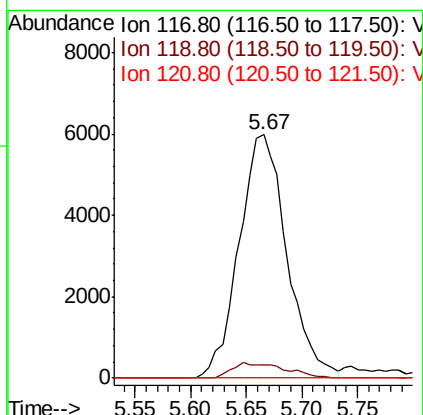
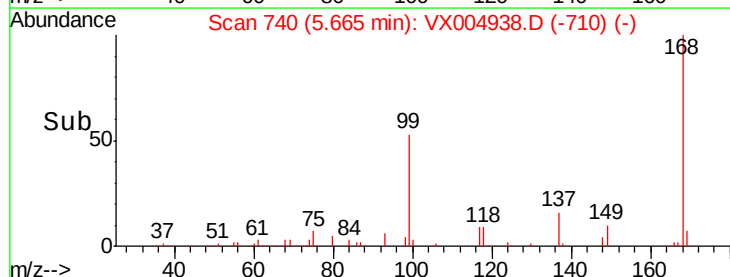
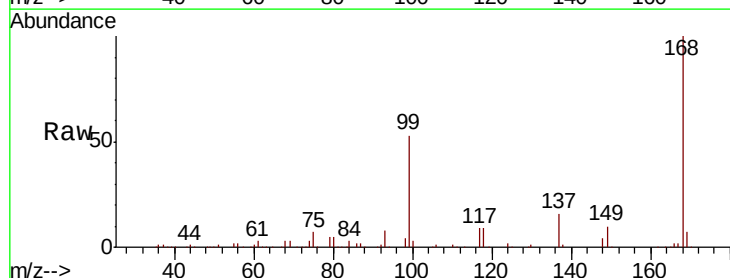
Instrument :
 MSVOA_X
 ClientSampleId :
 HC-SOIL-1

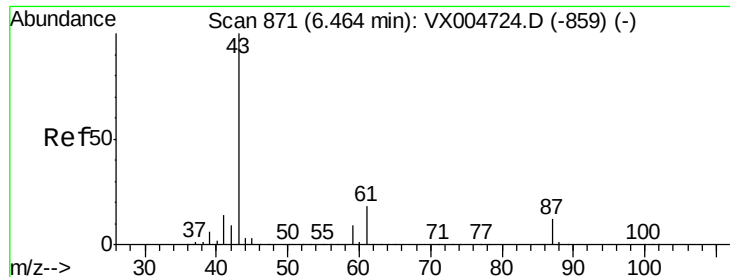
Tot Ion: 75 Resp: 13861
 Ion Ratio Lower Upper
 75 100
 110 9.7 20.0 59.9#
 77 0.0 27.1 40.7#



#38
 Carbon Tetrachloride
 Concen: 4.204 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX004938.D
 Acq: 02 Oct 2018 23:56

Tgt Ion: 117 Resp: 17792
 Ion Ratio Lower Upper
 117 100
 119 5.2 75.2 112.8#
 121 0.0 22.5 33.7#





#43

Isopropyl Acetate

Concen: 22.648 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX004938.D

Acq: 02 Oct 2018 23:56

Instrument :

MSVOA_X

ClientSampled :

HC-SOIL-1

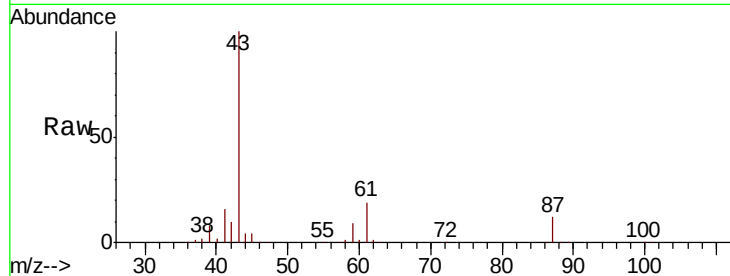
Tot Ion: 43 Resp: 174684

Ion Ratio Lower Upper

43 100

61 19.2 14.2 21.4

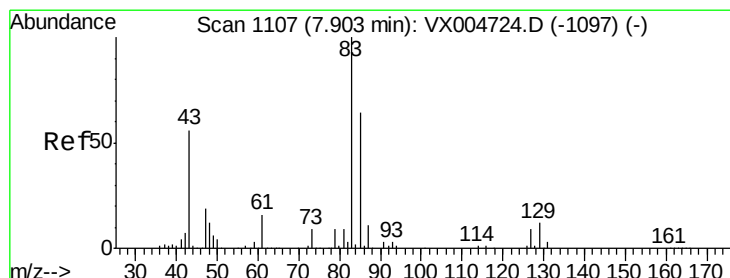
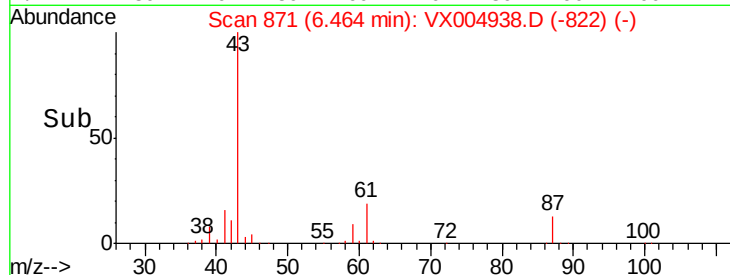
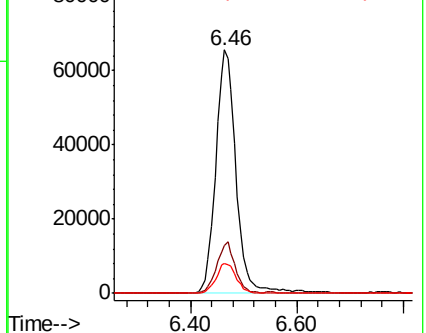
87 12.5 9.3 13.9



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



#47

Bromodichloromethane

Concen: 0.240 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VX004938.D

Acq: 02 Oct 2018 23:56

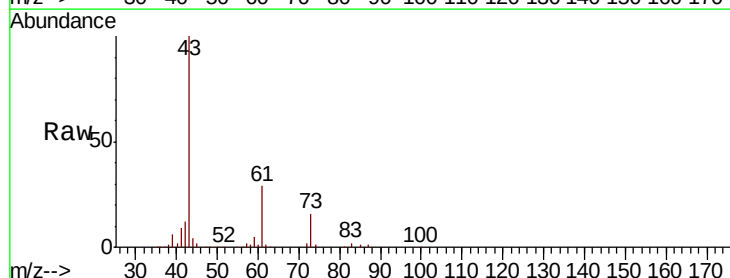
Tgt Ion: 83 Resp: 873

Ion Ratio Lower Upper

83 100

85 40.7 51.2 76.8#

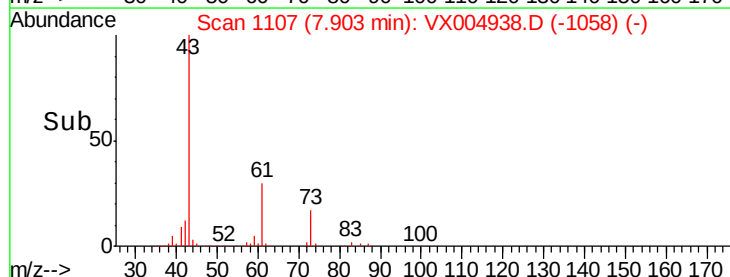
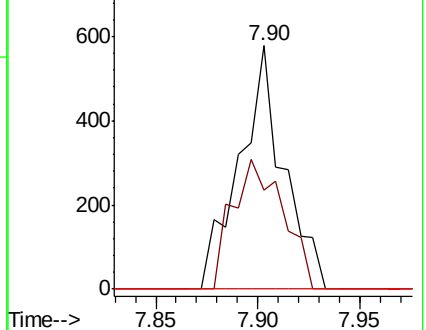
127 0.0 7.0 10.6#

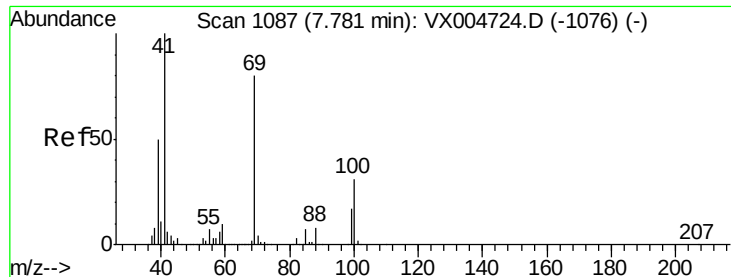


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

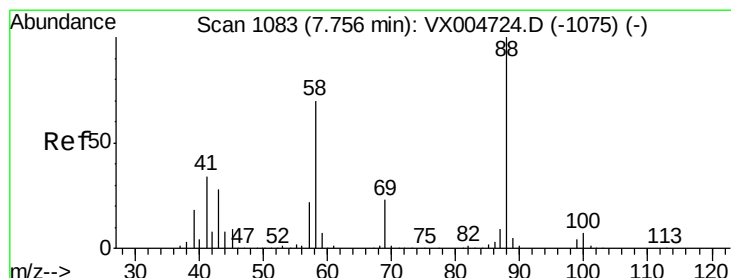
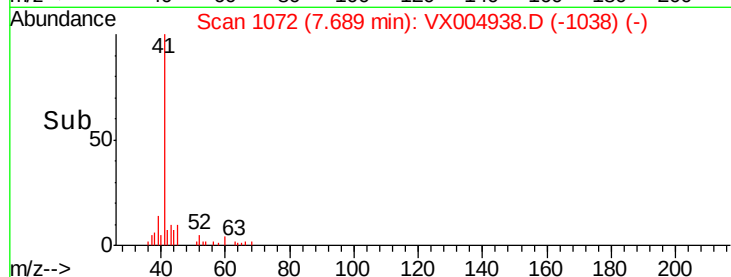
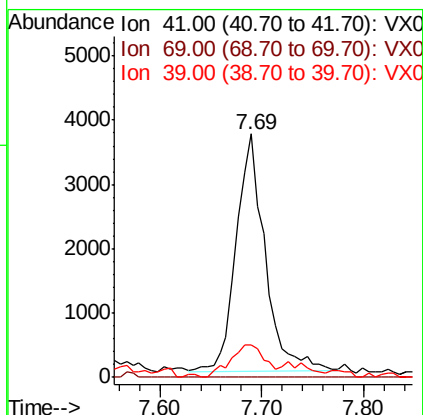
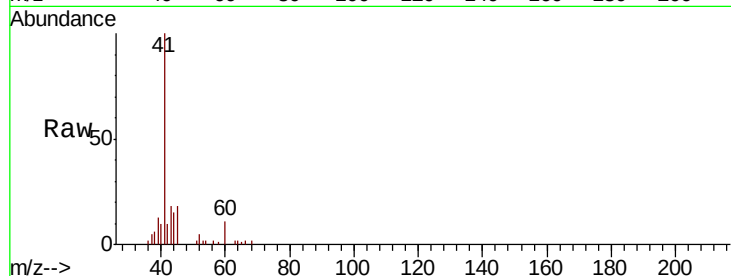




#48
Methyl methacrylate
Concen: 2.071 ug/l
RT: 7.69 min Scan# 1072
Delta R.T. -0.09 min
Lab File: VX004938.D
Acq: 02 Oct 2018 23:56

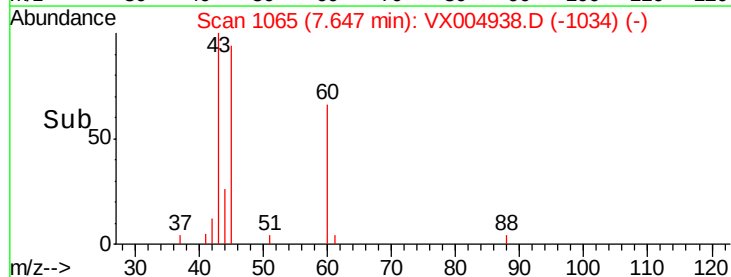
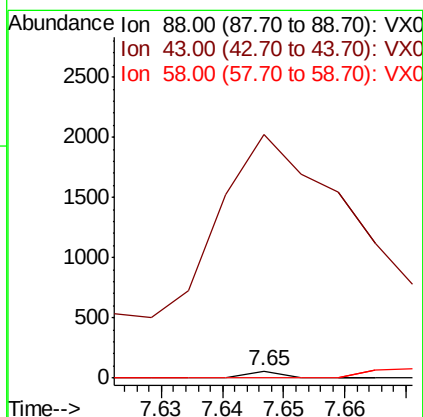
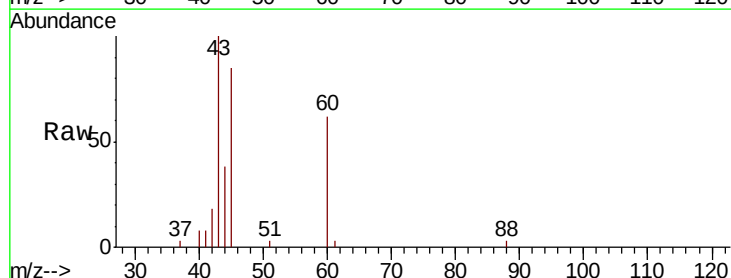
Instrument :
MSVOA_X
ClientSampleId :
HC-SOIL-1

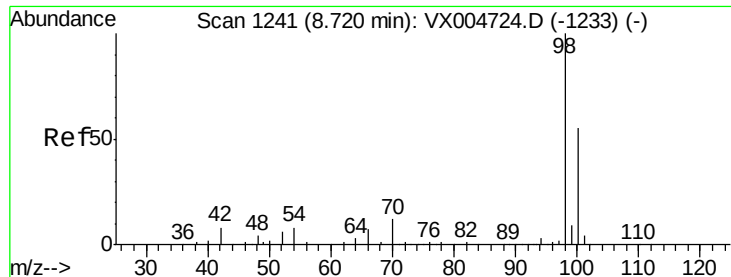
Tot Ion: 41 Resp: 7251
Ion Ratio Lower Upper
41 100
69 0.0 63.8 95.6#
39 16.2 40.7 61.1#



#49
1,4-Dioxane
Concen: 0.253 ug/l
RT: 7.65 min Scan# 1065
Delta R.T. -0.11 min
Lab File: VX004938.D
Acq: 02 Oct 2018 23:56

Tgt Ion: 88 Resp: 22
Ion Ratio Lower Upper
88 100
43 0.0 25.1 37.7#
58 0.0 56.2 84.2#

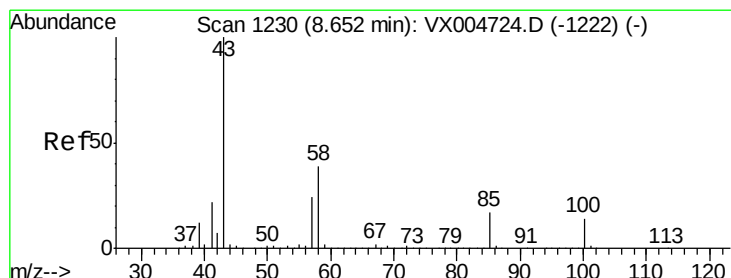
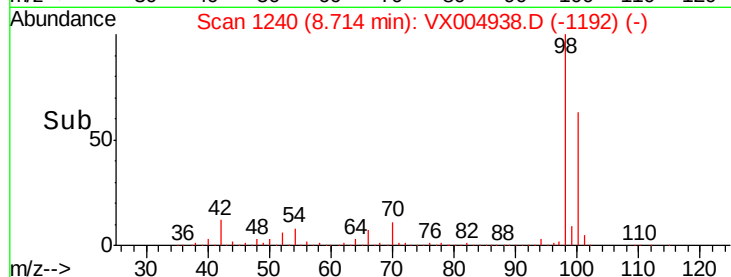
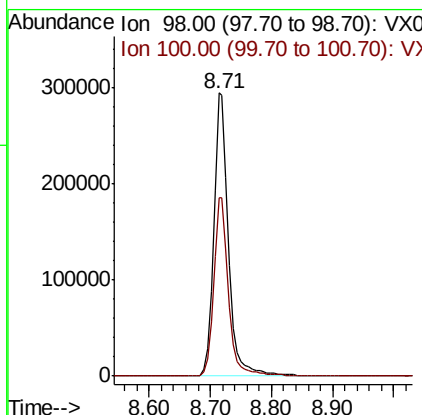
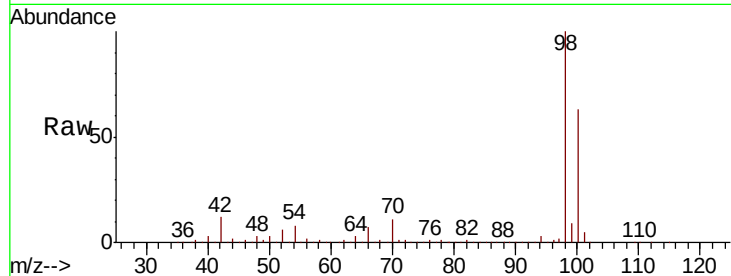




#50
Toluene-d8
Concen: 51.779 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004938.D
Acq: 02 Oct 2018 23:56

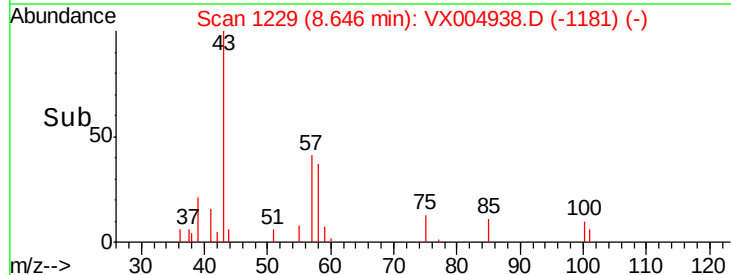
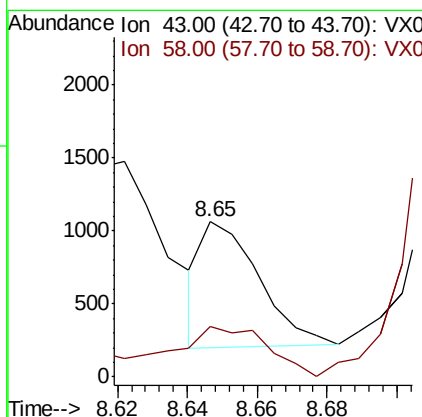
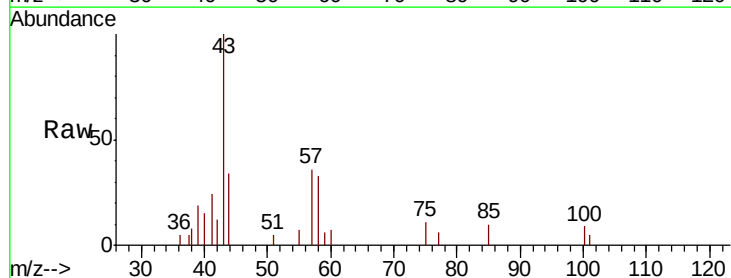
Instrument :
MSVOA_X
ClientSampled :
HC-SOIL-1

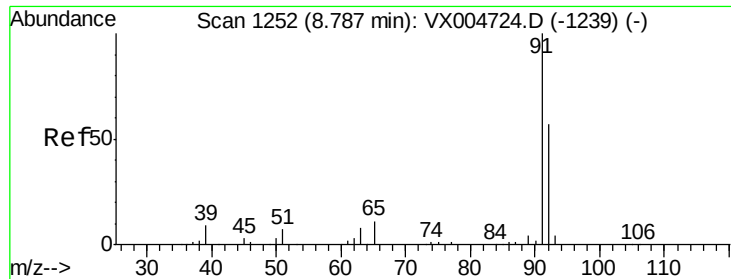
Tot Ion: 98 Resp: 507906
Ion Ratio Lower Upper
98 100
100 63.6 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.201 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.01 min
Lab File: VX004938.D
Acq: 02 Oct 2018 23:56

Tgt Ion: 43 Resp: 978
Ion Ratio Lower Upper
43 100
58 86.4 30.5 45.7#





#52

Toluene

Concen: 0.717 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX004938.D

Acq: 02 Oct 2018 23:56

Instrument :

MSVOA_X

ClientSampled :

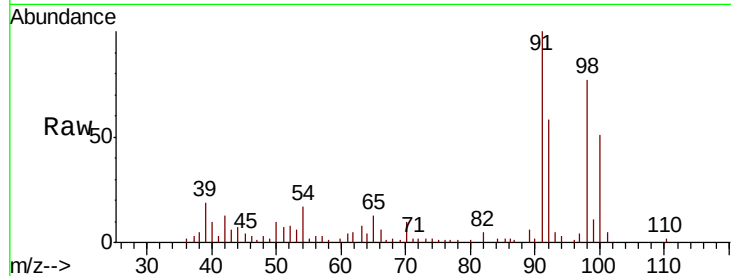
HC-SOIL-1

Tot Ion: 92 Resp: 4968

Ion Ratio Lower Upper

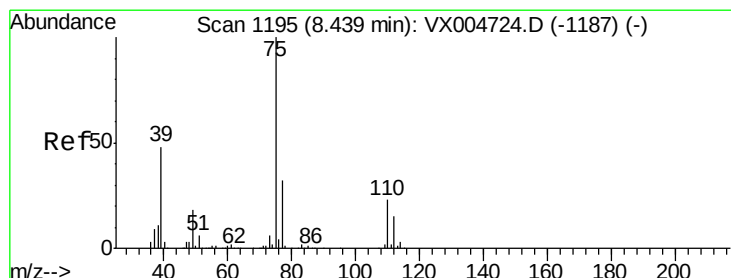
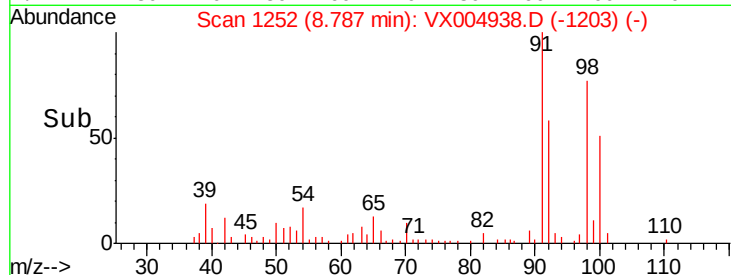
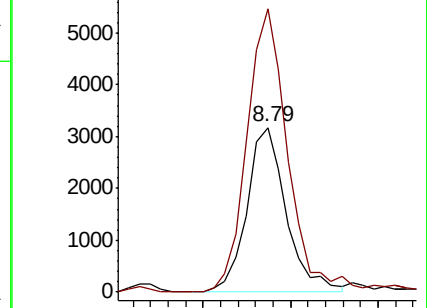
92 100

91 178.5 136.7 205.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#54

cis-1,3-Dichloropropene

Concen: 0.237 ug/l

RT: 8.63 min Scan# 1226

Delta R.T. 0.19 min

Lab File: VX004938.D

Acq: 02 Oct 2018 23:56

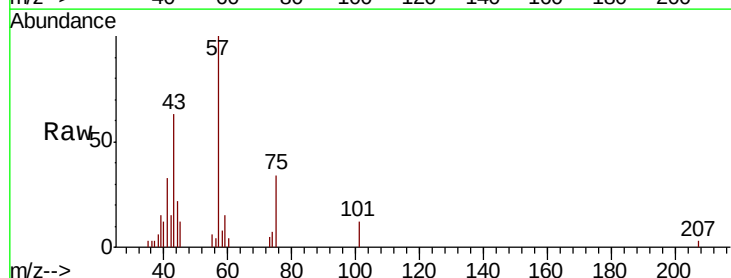
Tgt Ion: 75 Resp: 1021

Ion Ratio Lower Upper

75 100

77 0.0 25.7 38.5#

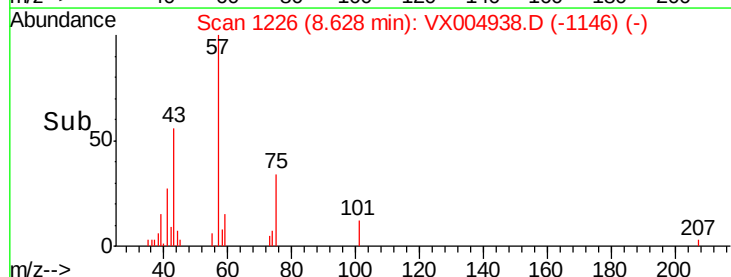
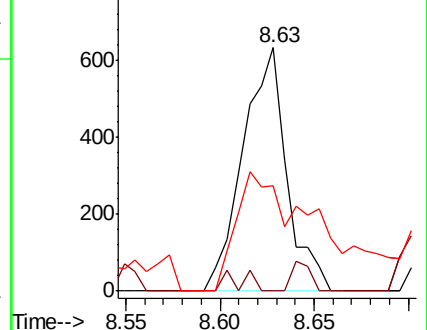
39 43.5 38.3 57.5

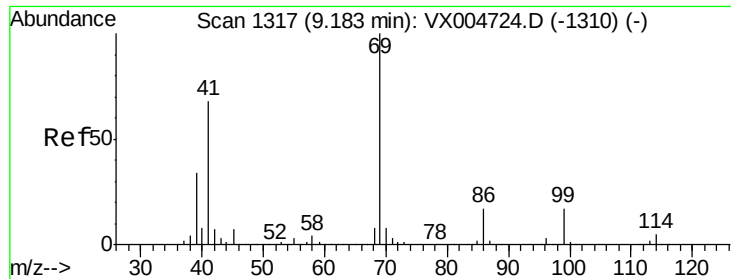


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#56

Ethyl methacrylate

Concen: 2.886 ug/l

RT: 9.07 min Scan# 1299

Delta R.T. -0.11 min

Lab File: VX004938.D

Acq: 02 Oct 2018 23:56

Instrument :

MSVOA_X

ClientSampled :

HC-SOIL-1

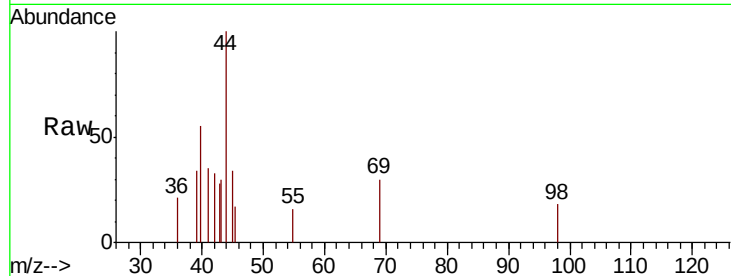
Tot Ion: 69 Resp: 125

Ion Ratio Lower Upper

69 100

41 122.4 56.9 85.3#

39 0.0 28.4 42.6#



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

300

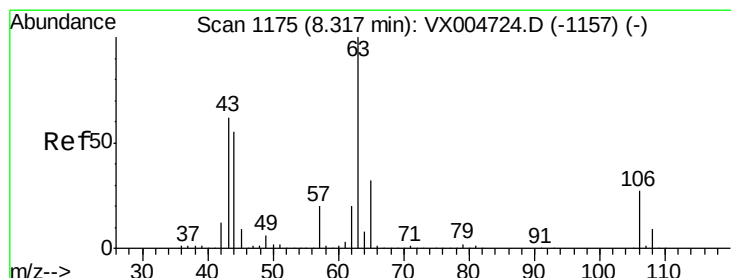
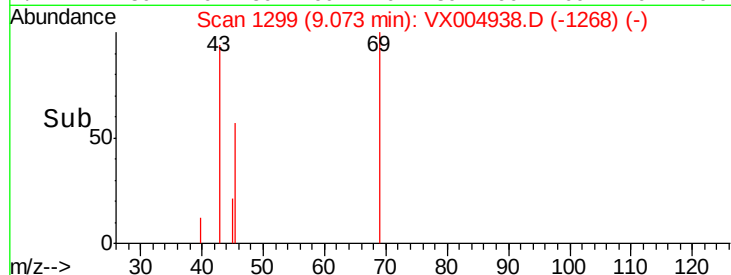
200

100

0

9.04 9.06 9.08 9.10

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 14.250 ug/l

RT: 8.46 min Scan# 1198

Delta R.T. 0.14 min

Lab File: VX004938.D

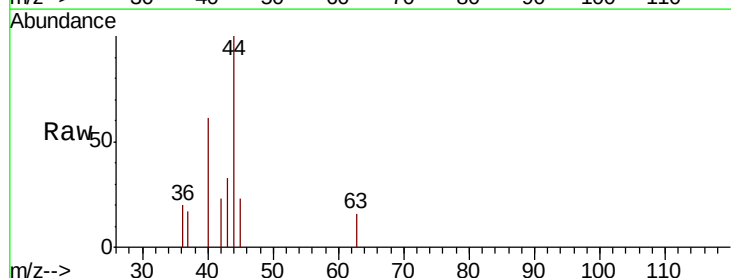
Acq: 02 Oct 2018 23:56

Tgt Ion: 63 Resp: 22

Ion Ratio Lower Upper

63 100

106 0.0 21.0 31.6#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

60

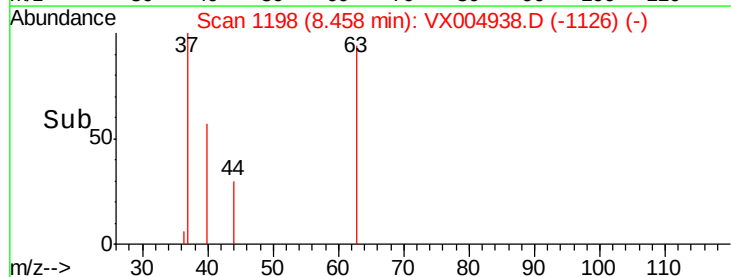
40

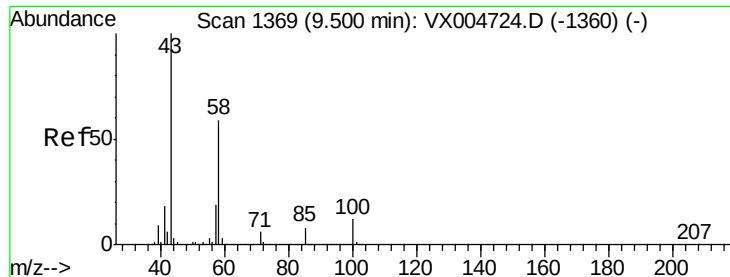
20

0

8.44 8.45 8.46 8.47

Time-->

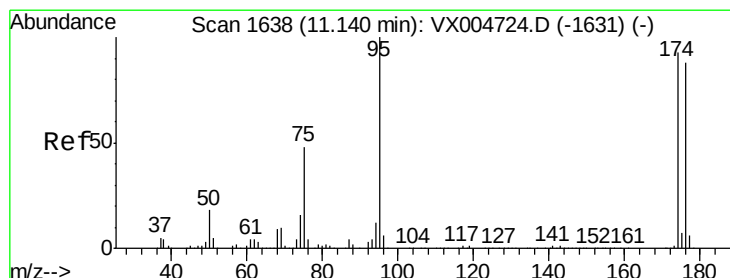
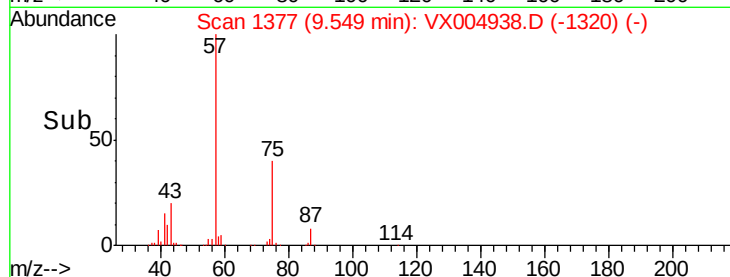
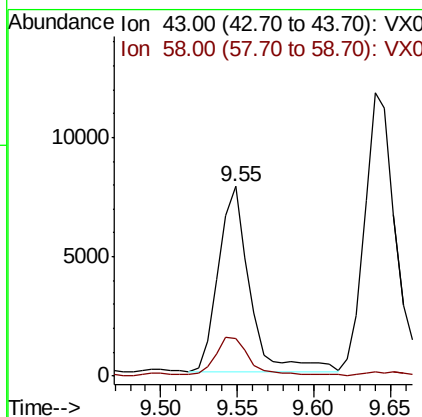
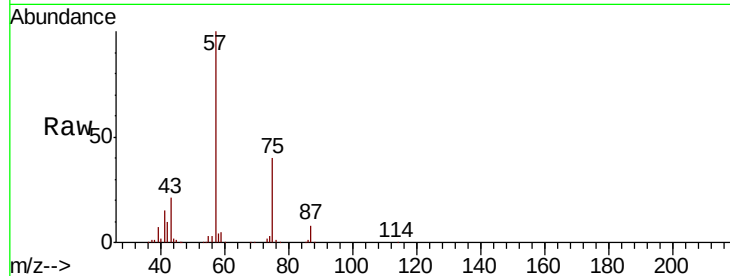




#59
2-Hexanone
Concen: 2.741 ug/l
RT: 9.55 min Scan# 1377
Delta R.T. 0.05 min
Lab File: VX004938.D
Acq: 02 Oct 2018 23:56

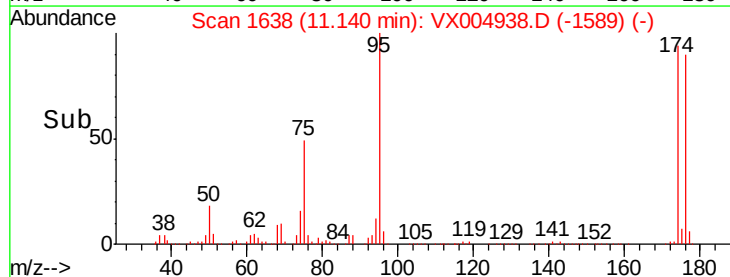
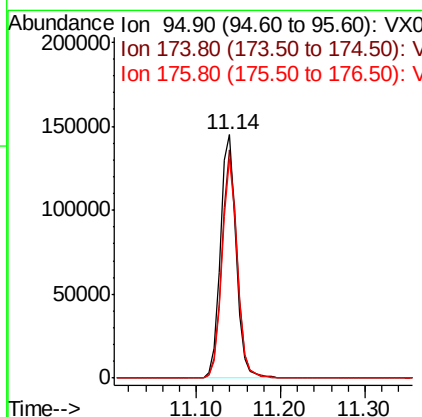
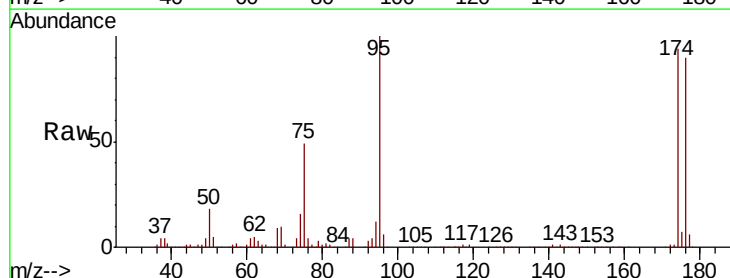
Instrument :
MSVOA_X
ClientSampled :
HC-SOIL-1

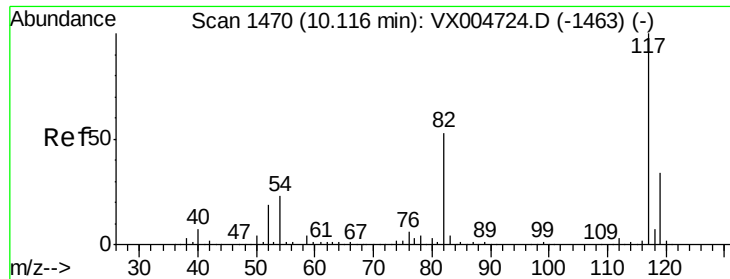
Tot Ion: 43 Resp: 11091
Ion Ratio Lower Upper
43 100
58 23.9 28.4 85.3#



#62
4-Bromofluorobenzene
Concen: 53.392 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX004938.D
Acq: 02 Oct 2018 23:56

Tgt Ion: 95 Resp: 188679
Ion Ratio Lower Upper
95 100
174 91.5 0.0 185.0
176 87.5 0.0 180.2

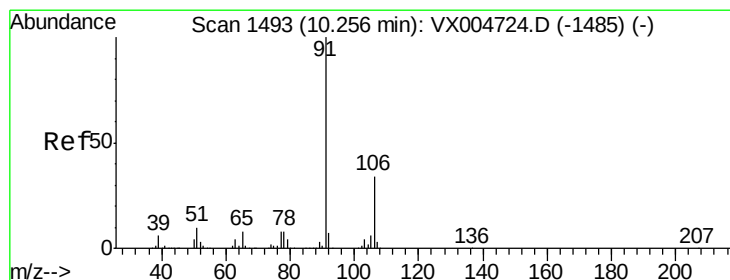
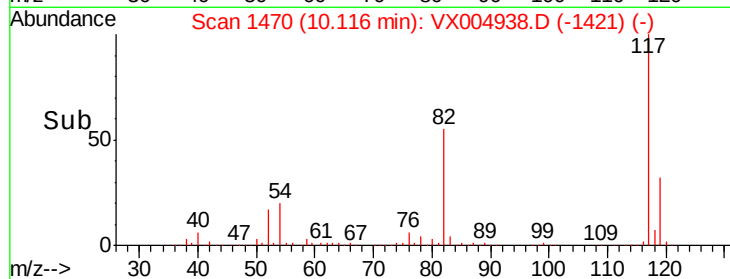
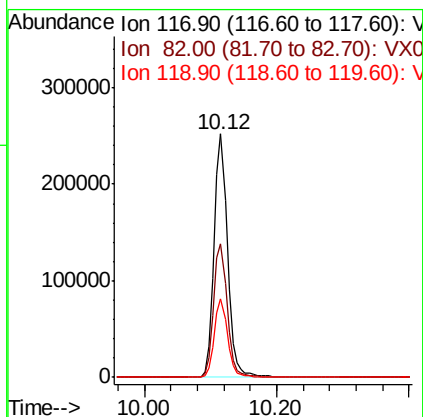
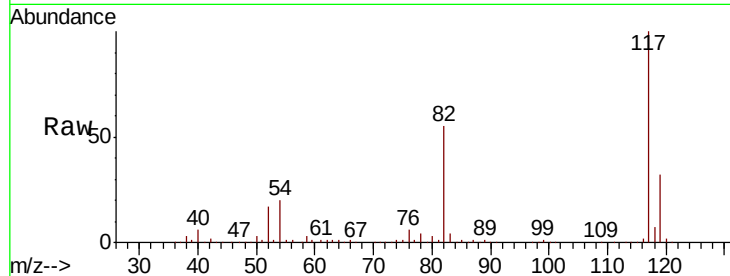




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004938.D
Acq: 02 Oct 2018 23:56

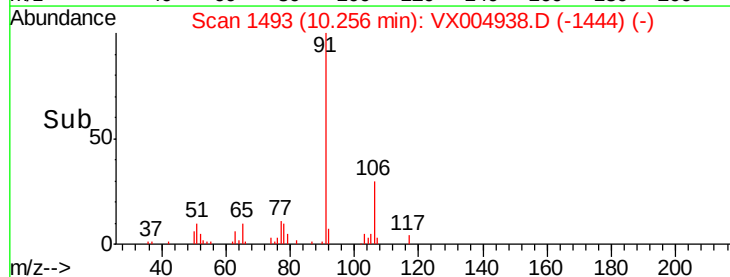
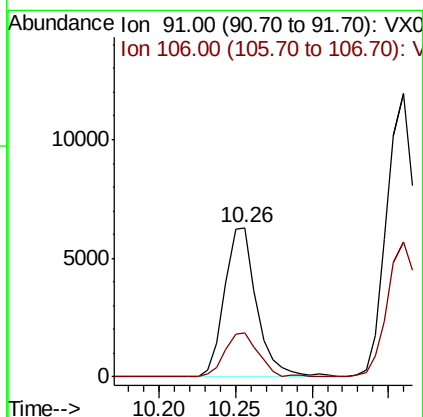
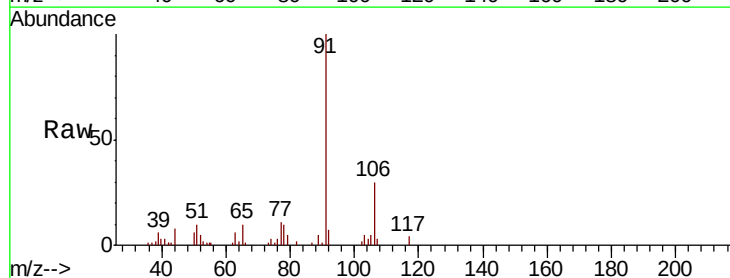
Instrument :
MSVOA_X
ClientSampled :
HC-SOIL-1

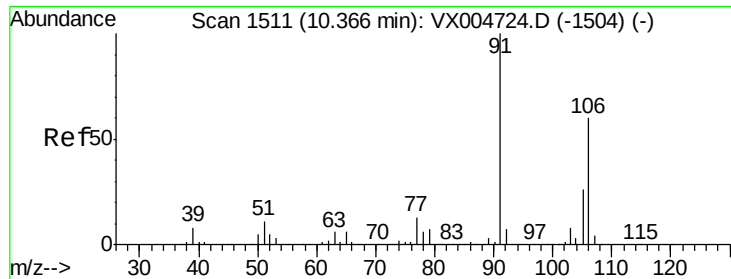
Tot Ion:117 Resp: 351002
Ion Ratio Lower Upper
117 100
82 54.8 42.2 63.4
119 32.4 27.4 41.0



#67
Ethyl Benzene
Concen: 0.643 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VX004938.D
Acq: 02 Oct 2018 23:56

Tgt Ion: 91 Resp: 9186
Ion Ratio Lower Upper
91 100
106 29.9 26.9 40.3

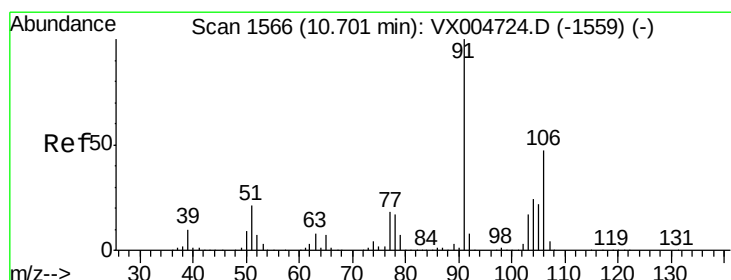
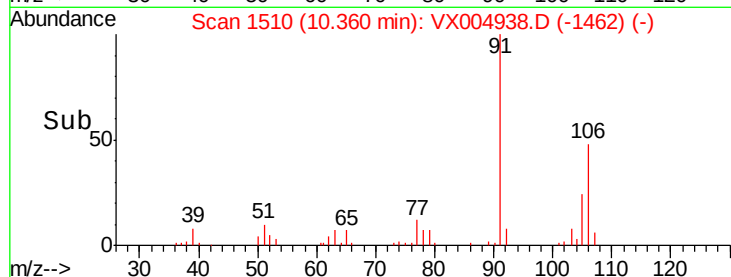
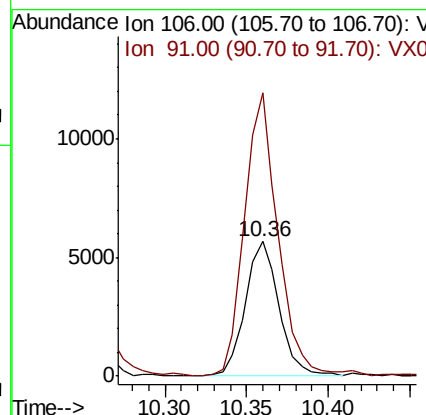
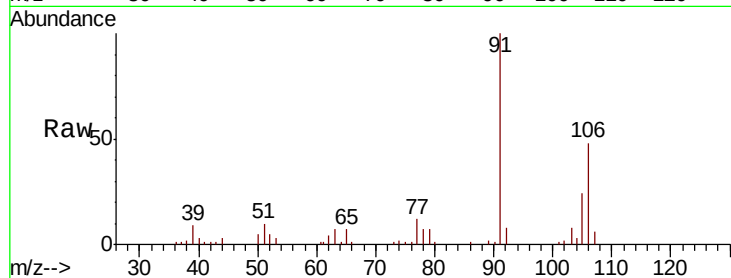




#68
m/p-Xylenes
Concen: 1.466 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004938.D
Acq: 02 Oct 2018 23:56

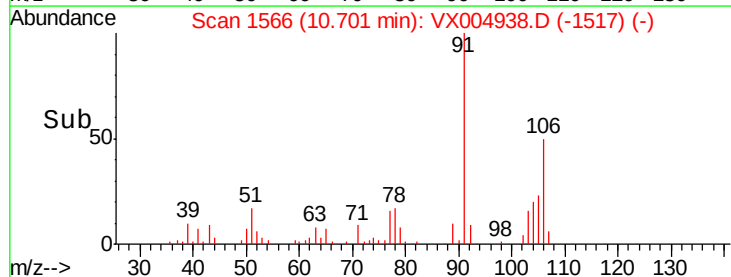
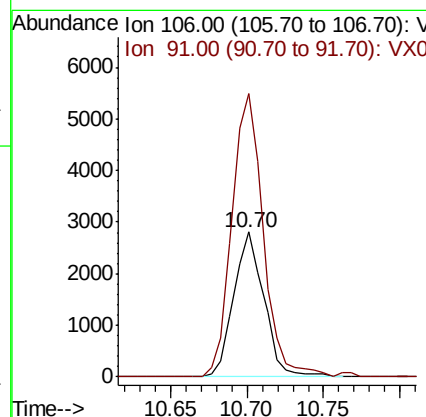
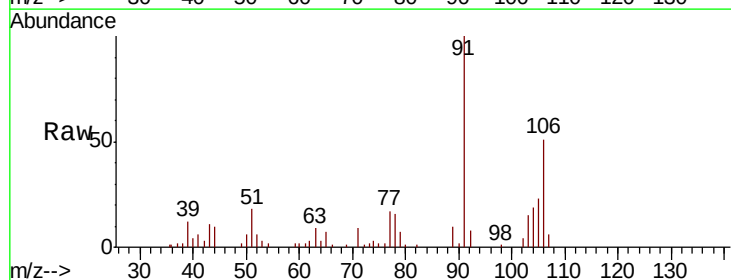
Instrument :
MSVOA_X
ClientSampled :
HC-SOIL-1

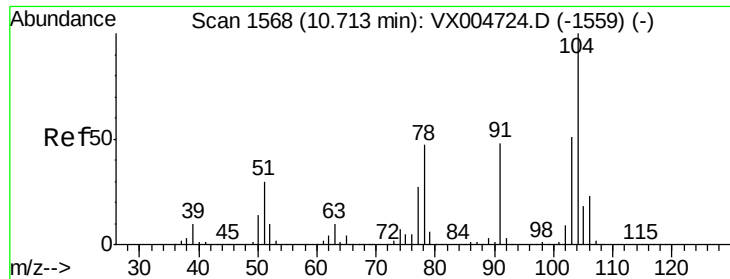
Tot Ion:106 Resp: 8187
Ion Ratio Lower Upper
106 100
91 209.8 157.5 236.3



#69
o-Xylene
Concen: 0.754 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004938.D
Acq: 02 Oct 2018 23:56

Tgt Ion:106 Resp: 3869
Ion Ratio Lower Upper
106 100
91 201.0 108.3 324.8





#70

Stvrene

Concen: 2.520 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX004938.D

Acq: 02 Oct 2018 23:56

Instrument :

MSVOA_X

ClientSampleId :

HC-SOIL-1

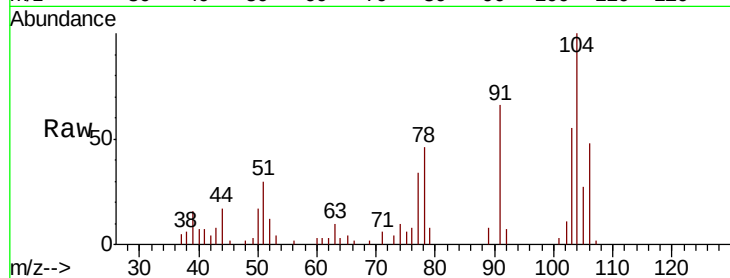
Tot Ion:104 Resp: 3805

Ion Ratio Lower Upper

104 100

78 55.2 40.0 60.0

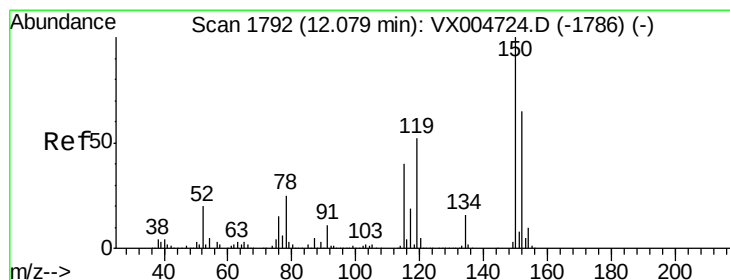
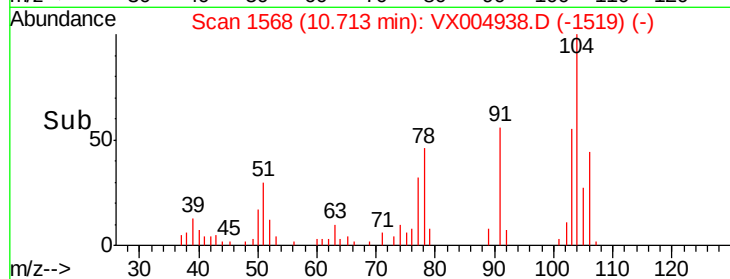
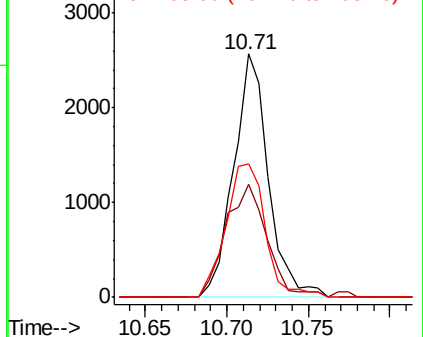
103 62.5 44.3 66.5



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004938.D

Acq: 02 Oct 2018 23:56

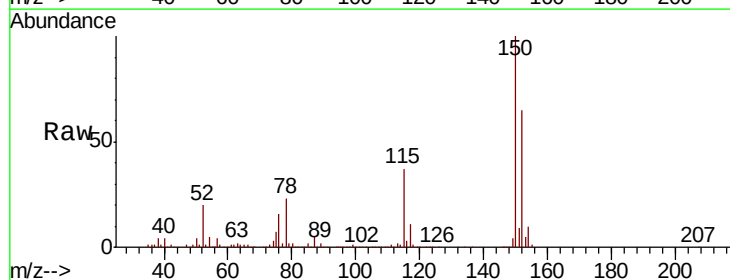
Tgt Ion:152 Resp: 201878

Ion Ratio Lower Upper

152 100

115 56.0 40.2 120.6

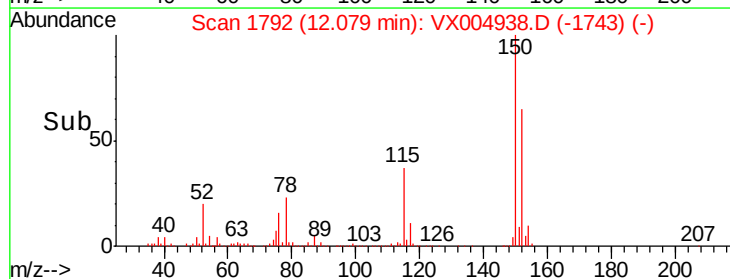
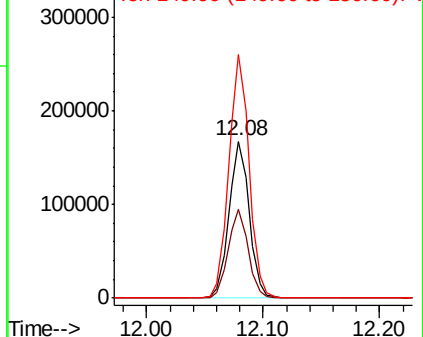
150 156.2 0.0 351.0

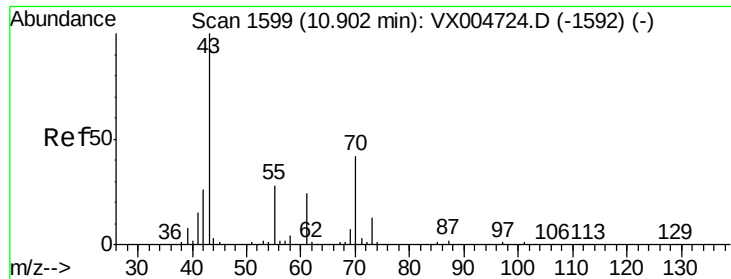


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 1.755 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.01 min

Lab File: VX004938.D

Acq: 02 Oct 2018 23:56

Instrument :

MSVOA_X

ClientSampled :

HC-SOIL-1

Tot Ion: 43 Resp: 51

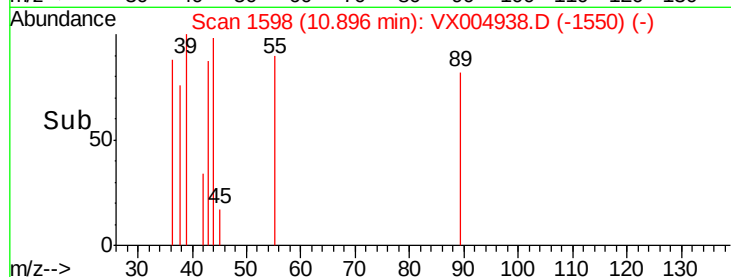
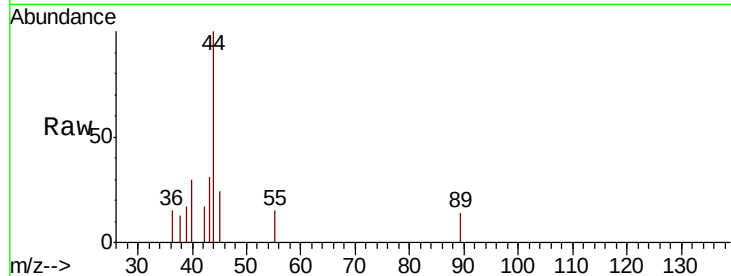
Ion Ratio Lower Upper

43 100

70 152.9 32.6 48.8#

55 221.6 21.6 32.4#

61 0.0 19.1 28.7#

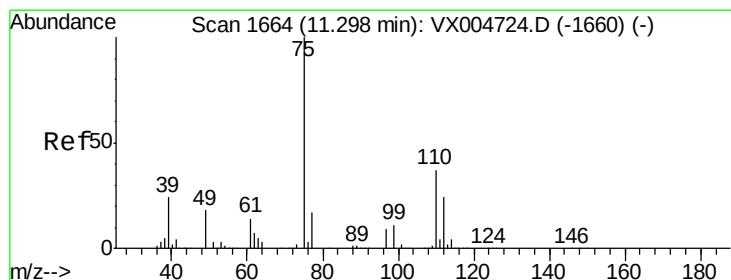
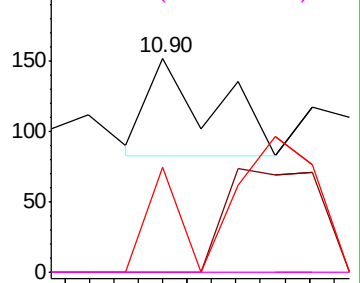


Abundance Ion 43.00 (42.70 to 43.70): VX0

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



#76

1,2,3-Trichloropropane

Concen: 20.571 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX004938.D

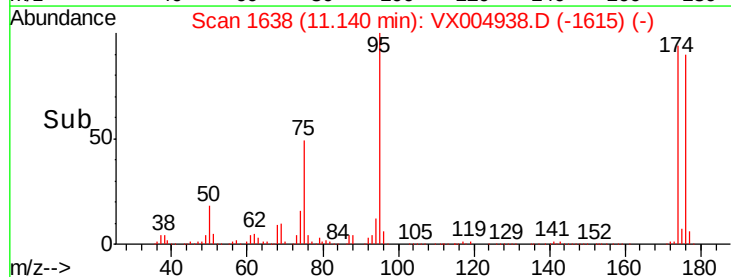
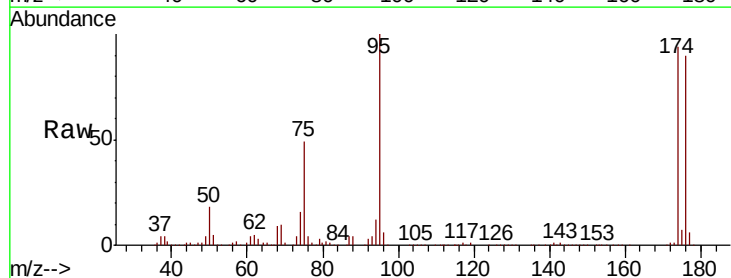
Acq: 02 Oct 2018 23:56

Tgt Ion: 75 Resp: 93079

Ion Ratio Lower Upper

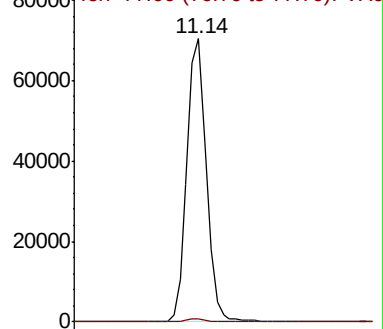
75 100

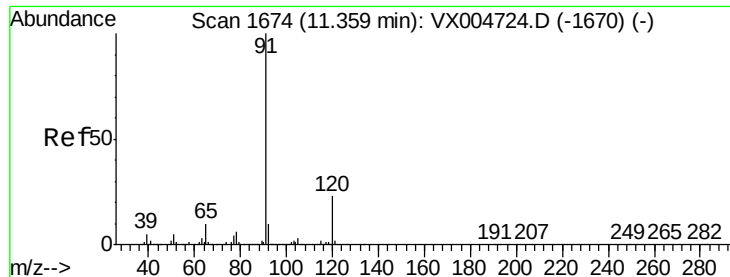
77 1.2 21.4 64.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.235 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004938.D

Acq: 02 Oct 2018 23:56

Instrument :

MSVOA_X

ClientSampleId :

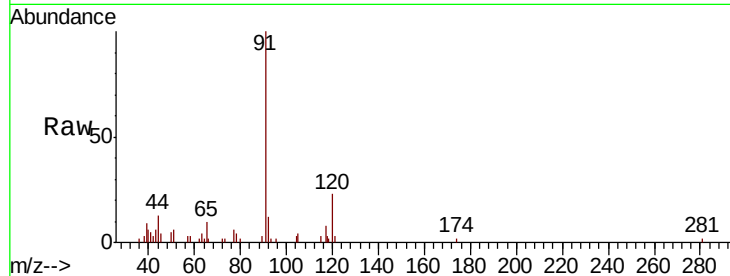
HC-SOIL-1

Tot Ion: 91 Resp: 3437

Ion Ratio Lower Upper

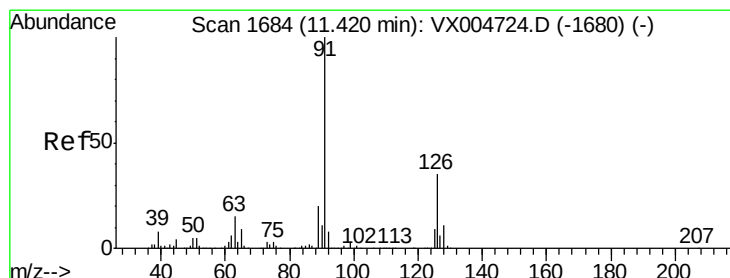
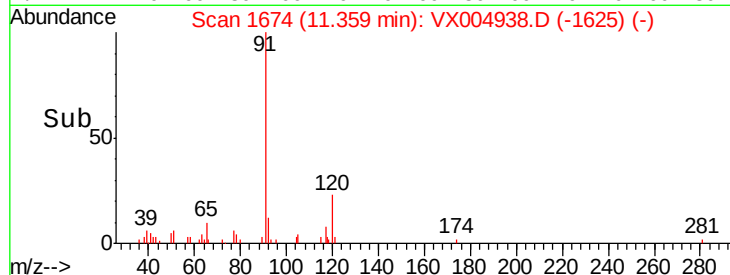
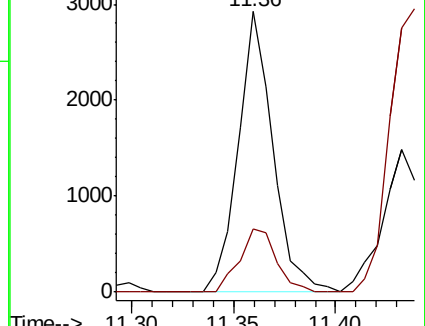
91 100

120 23.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 0.302 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX004938.D

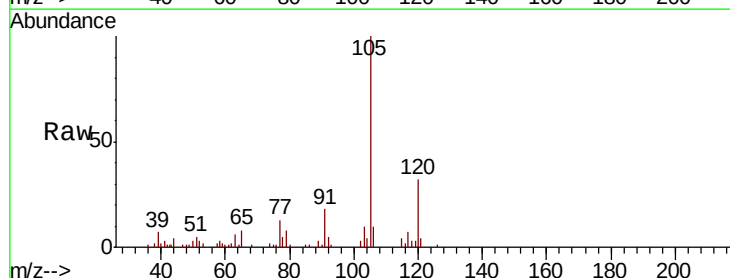
Acq: 02 Oct 2018 23:56

Tgt Ion: 91 Resp: 2752

Ion Ratio Lower Upper

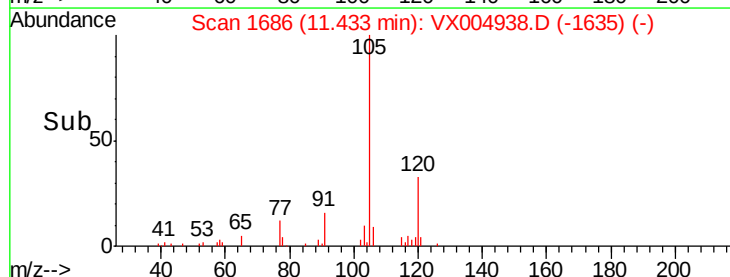
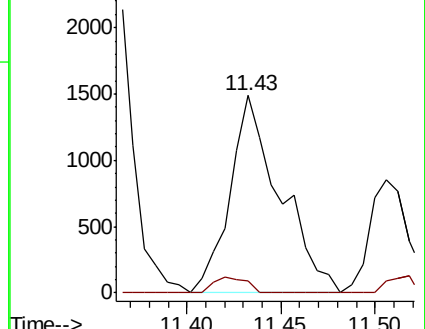
91 100

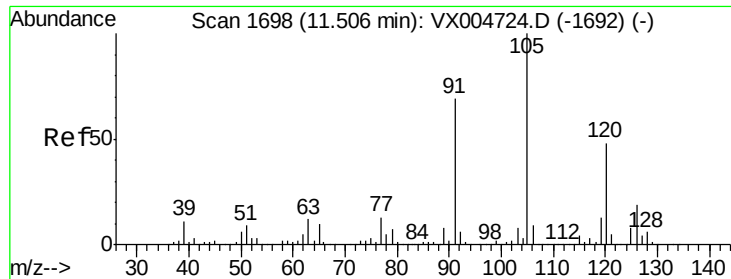
126 5.1 17.6 52.9#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

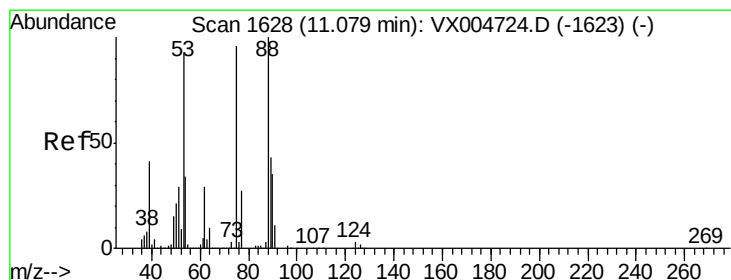
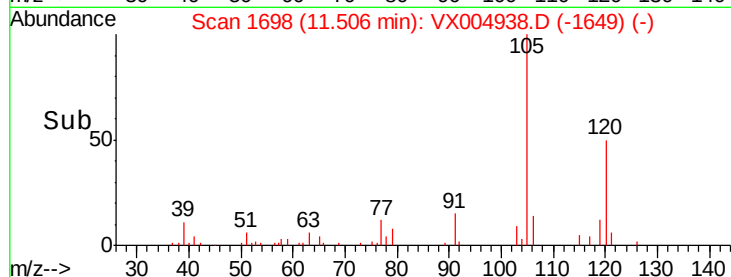
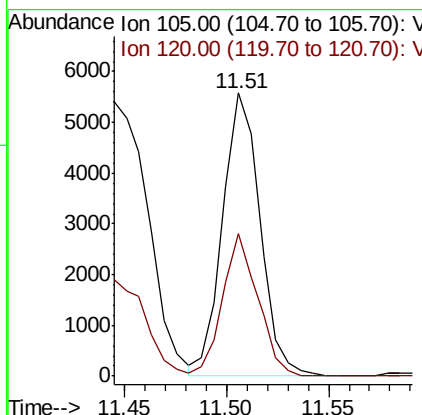
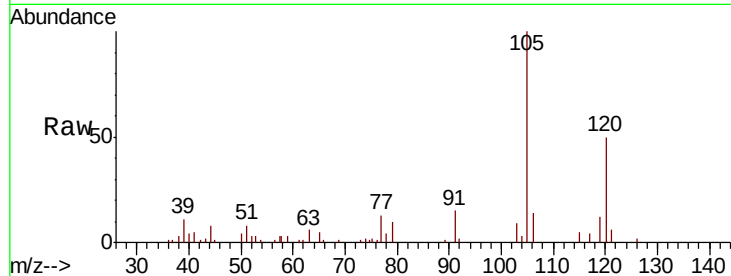




#80
 1,3,5-Trimethylbenzene
 Concen: 0.413 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX004938.D
 Acq: 02 Oct 2018 23:56

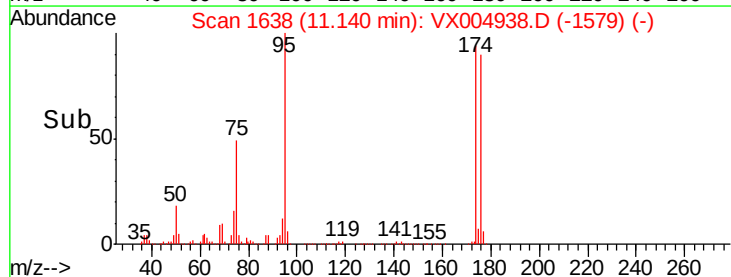
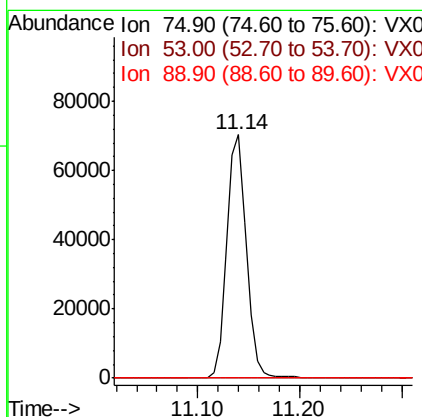
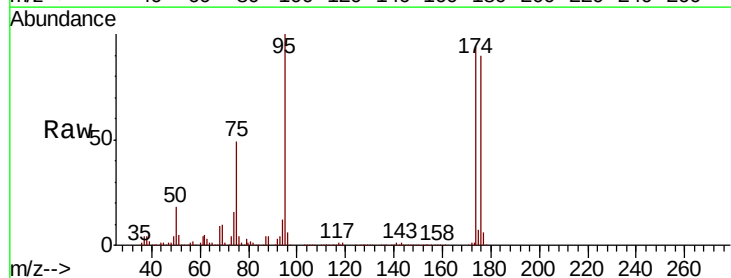
Instrument :
 MSVOA_X
 ClientSampleId :
 HC-SOIL-1

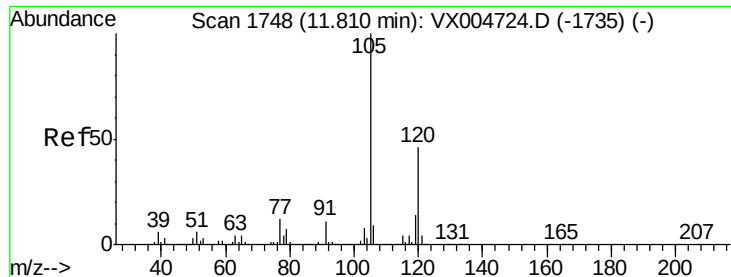
Tot Ion:105 Resp: 7098
 Ion Ratio Lower Upper
 105 100
 120 47.3 24.3 72.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.862 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.06 min
 Lab File: VX004938.D
 Acq: 02 Oct 2018 23:56

Tgt Ion: 75 Resp: 93079
 Ion Ratio Lower Upper
 75 100
 53 0.3 80.2 120.4#
 89 0.0 37.1 55.7#





#84

1,2,4-Trimethylbenzene

Concen: 1.908 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.00 min

Lab File: VX004938.D

Acq: 02 Oct 2018 23:56

Instrument :

MSVOA_X

ClientSampled :

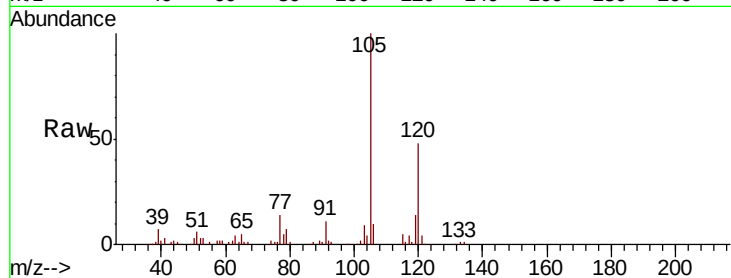
HC-SOIL-1

Tot Ion:105 Resp: 25233

Ion Ratio Lower Upper

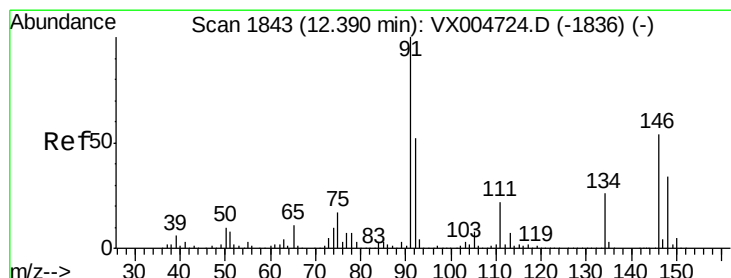
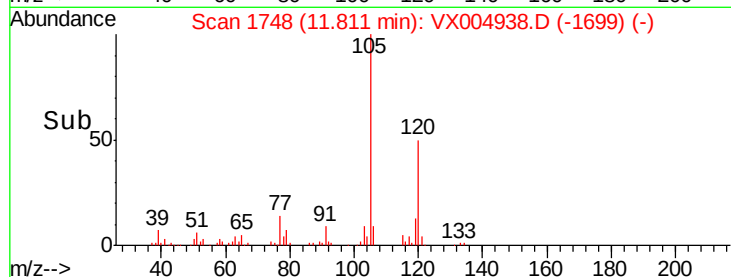
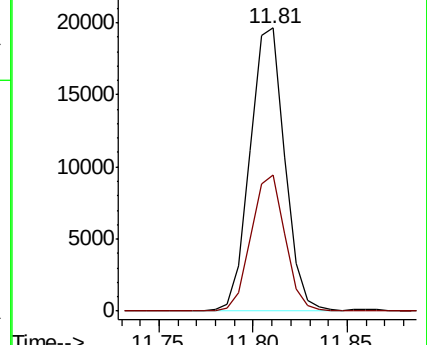
105 100

120 46.7 22.8 68.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#89

n-Butylbenzene

Concen: 0.264 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.01 min

Lab File: VX004938.D

Acq: 02 Oct 2018 23:56

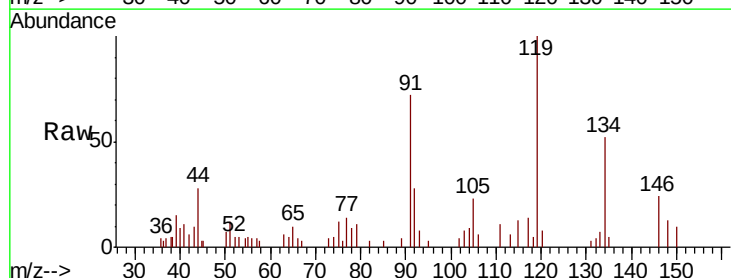
Tgt Ion: 91 Resp: 2770

Ion Ratio Lower Upper

91 100

92 30.8 26.0 78.0

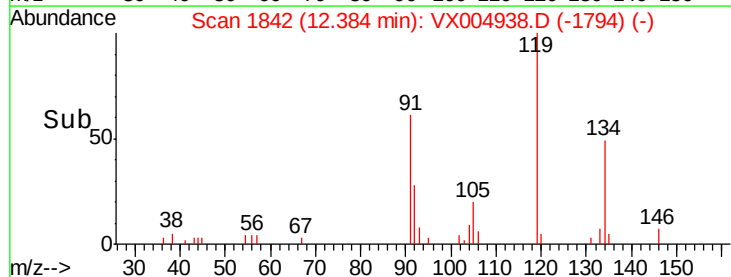
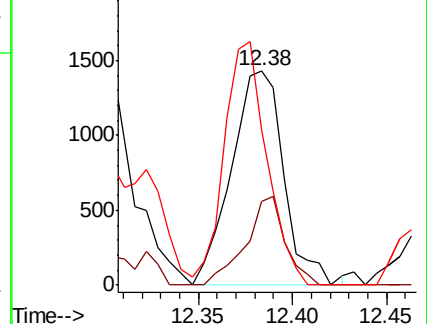
134 91.8 13.2 39.6#

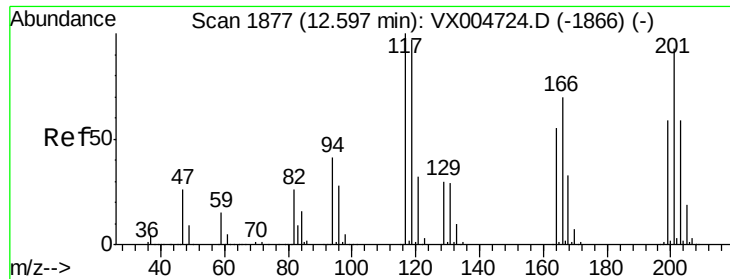


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

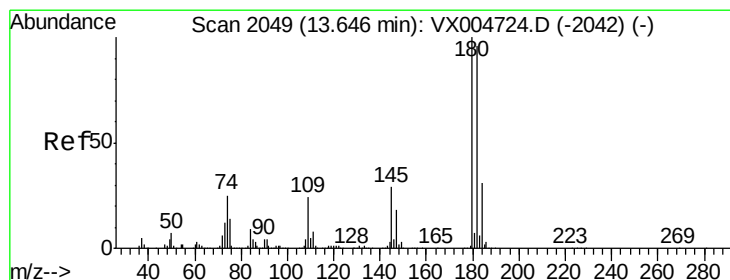
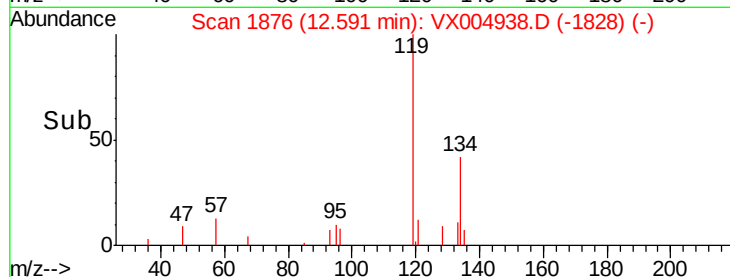
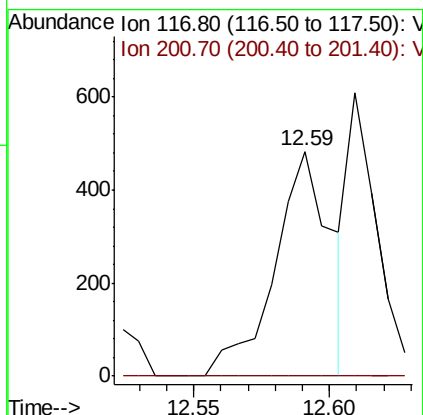
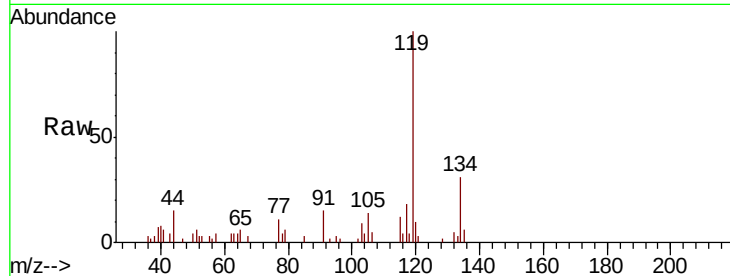




#90
Hexachloroethane
Concen: 0.359 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX004938.D
Acq: 02 Oct 2018 23:56

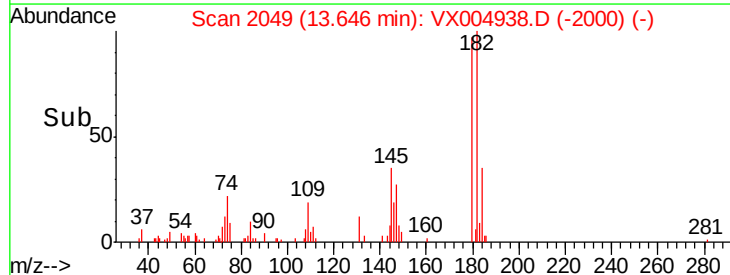
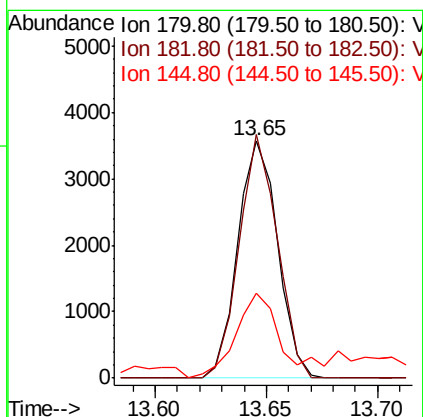
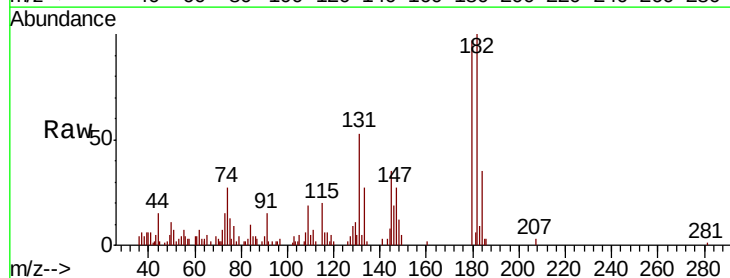
Instrument :
MSVOA_X
ClientSampled :
HC-SOIL-1

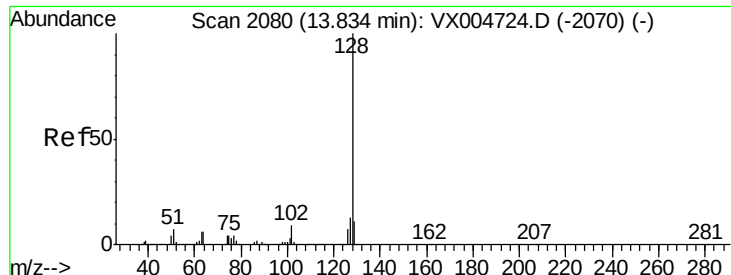
Tot Ion:117 Resp: 692
Ion Ratio Lower Upper
117 100
201 0.0 48.4 145.0#



#93
1,2,4-Trichlorobenzene
Concen: 0.881 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VX004938.D
Acq: 02 Oct 2018 23:56

Tgt Ion:180 Resp: 4458
Ion Ratio Lower Upper
180 100
182 98.1 47.8 143.4
145 37.3 14.1 42.4





#95
Naphthalene
Concen: 28.935 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004938.D
Acq: 02 Oct 2018 23:56

Instrument :
MSVOA_X
ClientSampleId :
HC-SOIL-1

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.8	8.7	13.1

