

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070518\
 Data File : VX003184.D
 Acq On : 05 Jul 2018 20:34
 Operator : JC/MD
 Sample : J3852-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HC-SOIL-1

Quant Time: Jul 06 01:06:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	282279	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	393623	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	367087	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	220742	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	178824	45.83	ug/l	0.00
Spiked Amount			Recovery	=	91.66%	
35) Dibromofluoromethane	5.51	113	149495	47.96	ug/l	0.00
Spiked Amount			Recovery	=	95.92%	
50) Toluene-d8	8.72	98	550006	48.32	ug/l	0.00
Spiked Amount			Recovery	=	96.64%	
62) 4-Bromofluorobenzene	11.14	95	195318	44.49	ug/l	0.00
Spiked Amount			Recovery	=	88.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	65	Below Cal	#	43
3) Chloromethane	1.32	50	917	Below Cal	#	61
5) Bromomethane	1.65	94	1601	Below Cal	#	76
6) Chloroethane	1.62	64	499	Below Cal	#	56
10) Methyl Iodide	2.52	142	1869	6.74	ug/l	92
11) Tert butyl alcohol	3.07	59	429	0.55	ug/l	# 70
13) Acrolein	2.30	56	384	5.11	ug/l	# 28
16) Acetone	2.45	43	16893	10.45	ug/l	98
17) Carbon Disulfide	2.57	76	2070	0.28	ug/l	# 87
18) Methyl Acetate	2.78	43	24394	5.40	ug/l	96
20) Methylene Chloride	2.86	84	243145	77.33	ug/l	94
25) 2-Butanone	4.72	43	4622	1.93	ug/l	# 86
29) Tetrahydrofuran	5.20	42	1850	1.20	ug/l	# 87
30) Chloroform	5.22	83	4327	0.74	ug/l	100
31) Cyclohexane	5.66	56	5323	1.09	ug/l	# 1
36) 1,1-Dichloropropene	5.67	75	17466	4.05	ug/l	# 52
37) Ethyl Acetate	4.72	43	4637	1.00	ug/l	# 70
38) Carbon Tetrachloride	5.67	117	25263	5.33	ug/l	# 16
40) Benzene	6.15	78	8798	0.70	ug/l	95
47) Bromodichloromethane	7.91	83	1377	0.32	ug/l	91
51) 4-Methyl-2-Pentanone	8.66	43	1248	0.26	ug/l	# 86
52) Toluene	8.79	92	3176	0.40	ug/l	99
65) Chlorobenzene	10.14	112	1937	0.21	ug/l	96
68) m/p-Xylenes	10.36	106	2249	0.38	ug/l	97
76) 1,2,3-Trichloropropane	11.14	75	98655	24.67	ug/l	# 33
78) n-propylbenzene	11.37	91	3507	0.21	ug/l	96
79) 2-Chlorotoluene	11.43	91	2519	0.25	ug/l	85
80) 1,3,5-Trimethylbenzene	11.51	105	2746	0.22	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.14	75	98655	70.14	ug/l	# 7
84) 1,2,4-Trimethylbenzene	11.81	105	9926	0.77	ug/l	94
89) n-Butylbenzene	12.39	91	2700	0.23	ug/l	# 64
95) Naphthalene	13.83	128	196672	13.02	ug/l	99

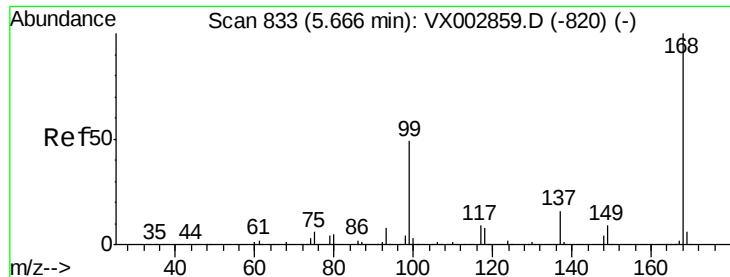
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070518\
Data File : VX003184.D
Acq On : 05 Jul 2018 20:34
Operator : JC/MD
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Quant Time: Jul 06 01:06:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003184.D

Acq: 05 Jul 2018 20:34

Instrument :

MSVOA_X

ClientSampleId :

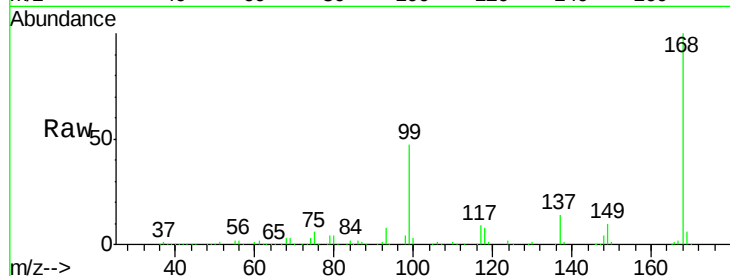
HC-SOIL-1

Tot Ion:168 Resp: 282279

Ion Ratio Lower Upper

168 100

99 47.1 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

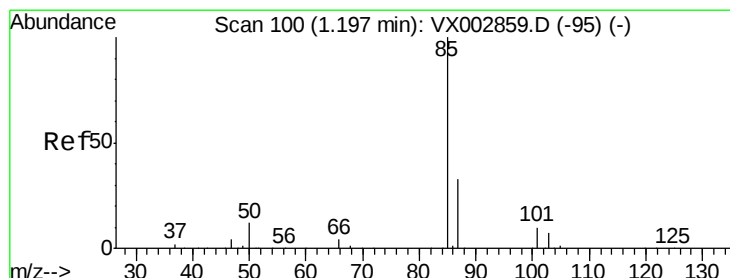
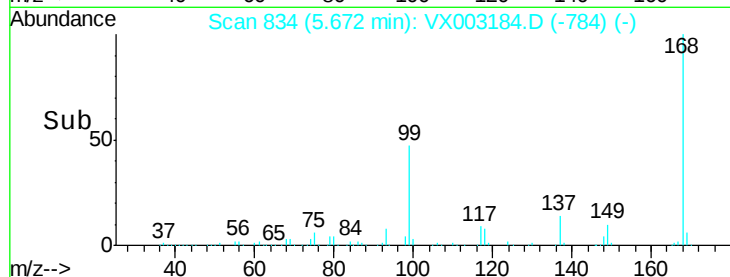
20000

0

5.67

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003184.D

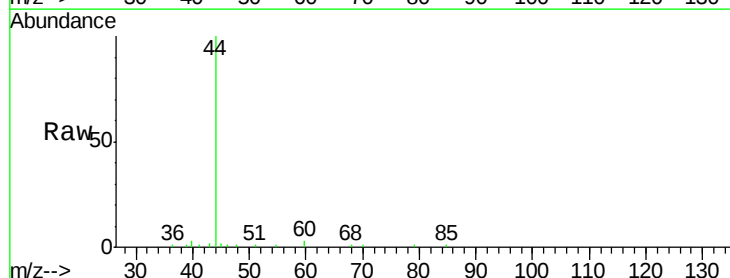
Acq: 05 Jul 2018 20:34

Tgt Ion: 85 Resp: 65

Ion Ratio Lower Upper

85 100

87 0.0 16.0 47.9#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

120

100

80

60

40

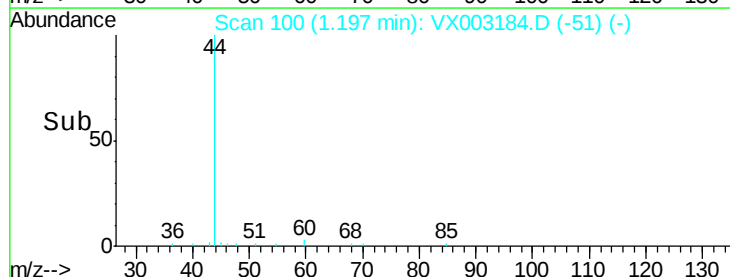
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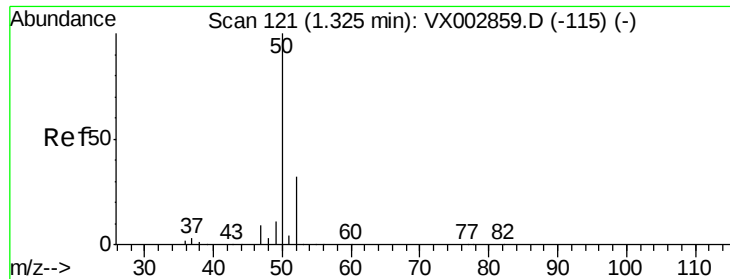
0

1.20

1.18 1.20 1.22

Time-->





#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003184.D

Acq: 05 Jul 2018 20:34

Instrument :

MSVOA_X

ClientSampled :

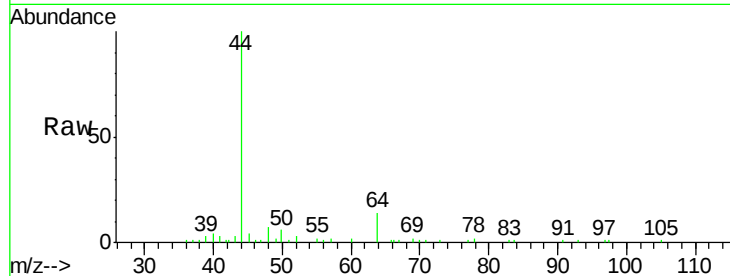
HC-SOIL-1

Tot Ion: 50 Resp: 917

Ion Ratio Lower Upper

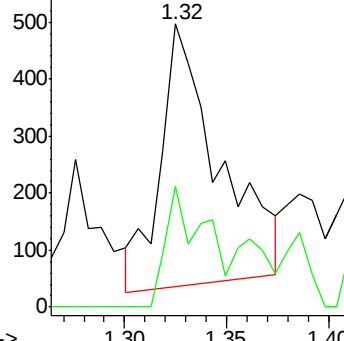
50 100

52 53.9 25.7 38.5#

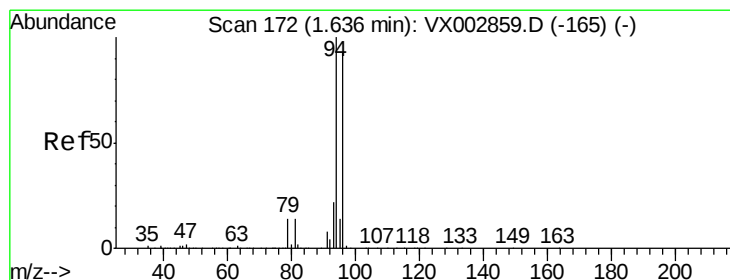
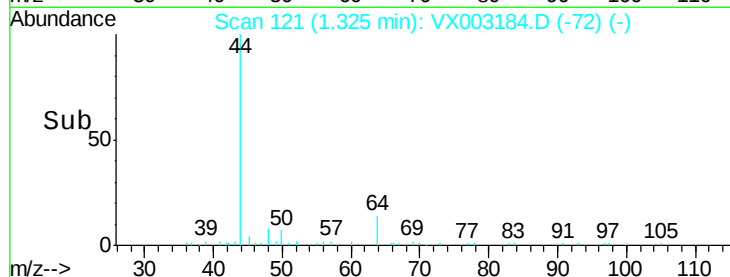


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX003184.D

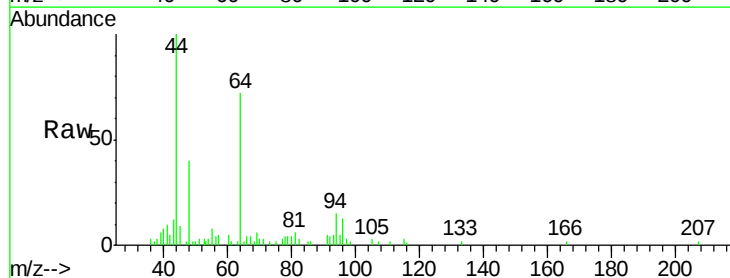
Acq: 05 Jul 2018 20:34

Tgt Ion: 94 Resp: 1601

Ion Ratio Lower Upper

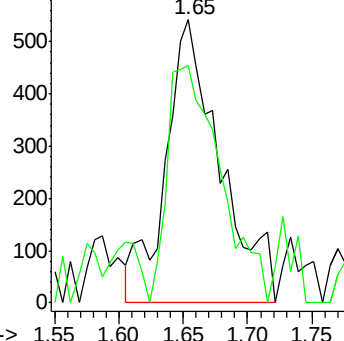
94 100

96 70.8 74.9 112.3#

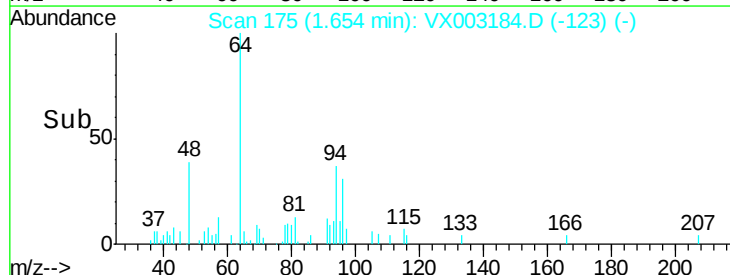


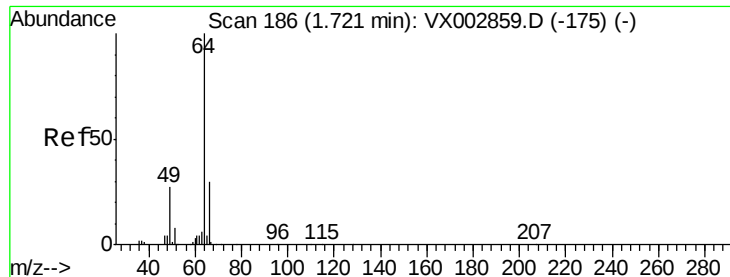
Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->





#6

Chloroethane

Concen: Below Cal

RT: 1.62 min Scan# 169

Delta R.T. -0.10 min

Lab File: VX003184.D

Acq: 05 Jul 2018 20:34

Instrument :

MSVOA_X

ClientSampled :

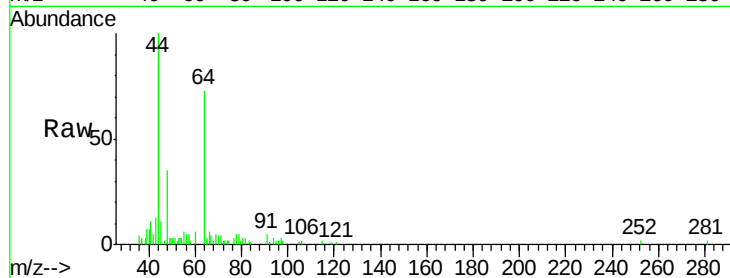
HC-SOIL-1

Tot Ion: 64 Resp: 499

Ion Ratio Lower Upper

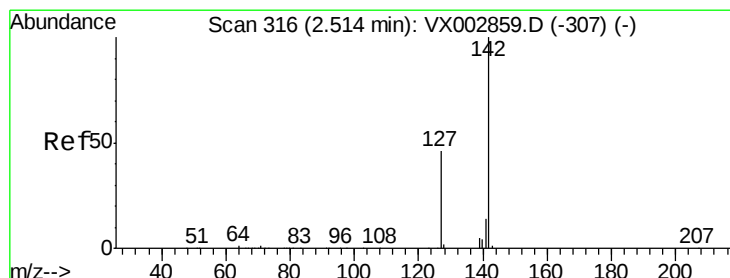
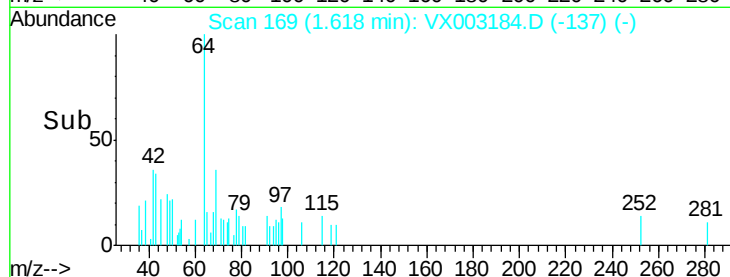
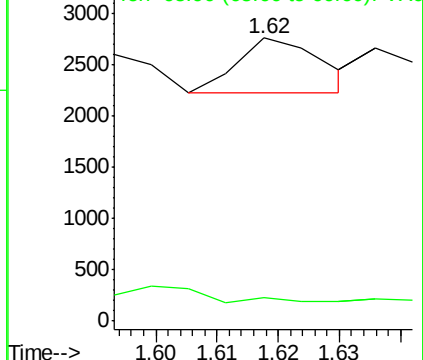
64 100

66 7.2 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#10

Methyl Iodide

Concen: 6.74 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX003184.D

Acq: 05 Jul 2018 20:34

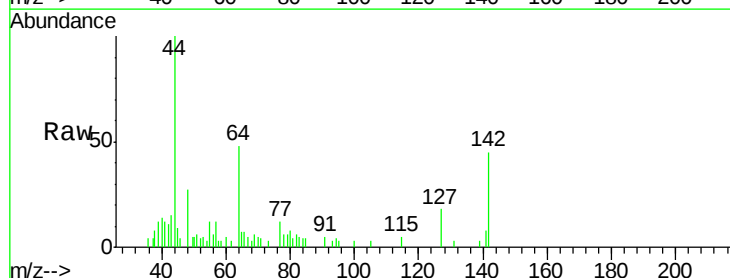
Tgt Ion:142 Resp: 1869

Ion Ratio Lower Upper

142 100

127 51.5 36.6 55.0

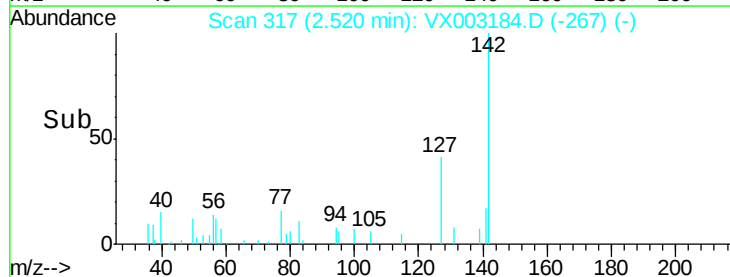
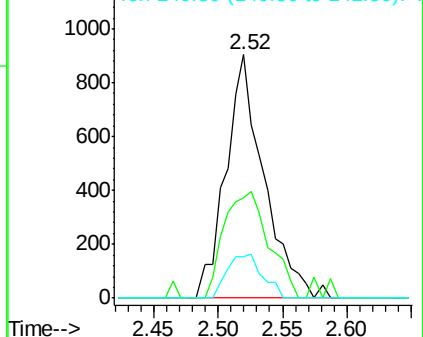
141 16.6 11.3 16.9

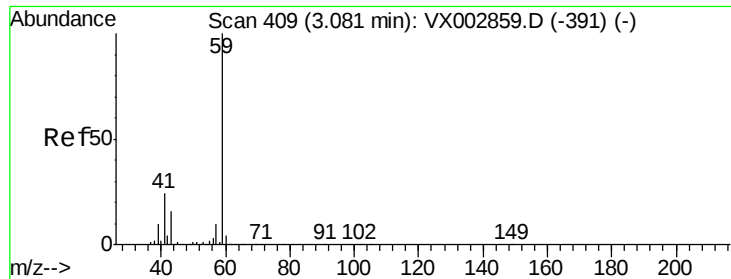


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

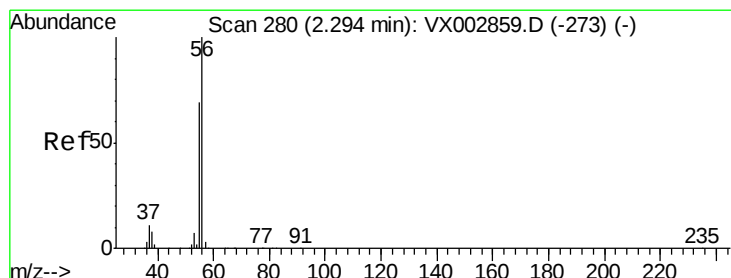
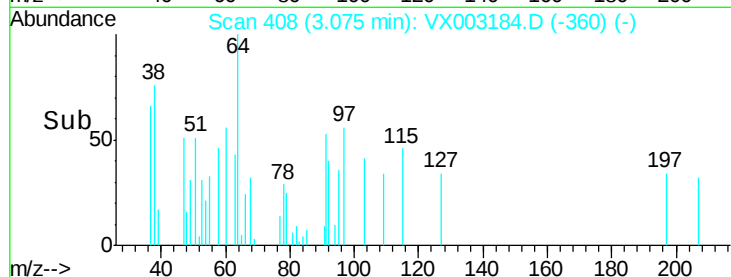
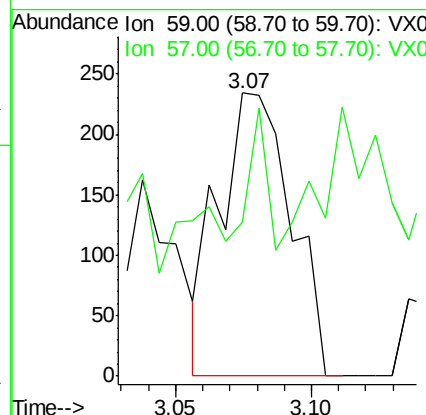
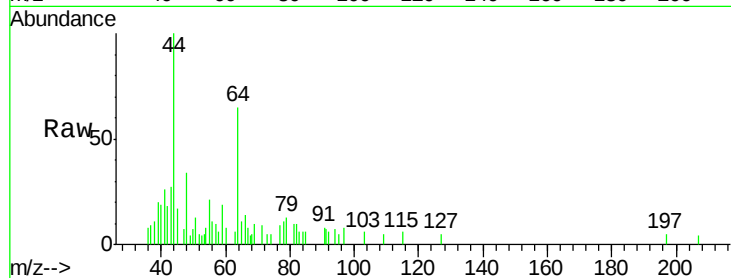




#11
Tert butvl alcohol
Concen: 0.55 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX003184.D
Acq: 05 Jul 2018 20:34

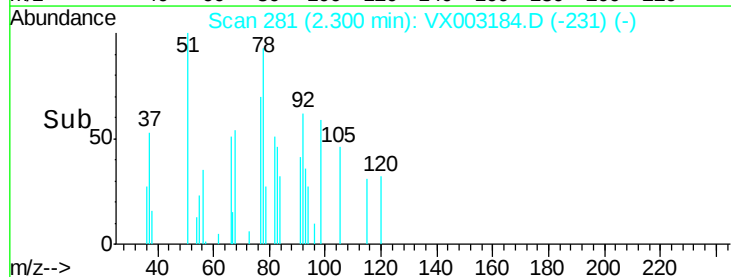
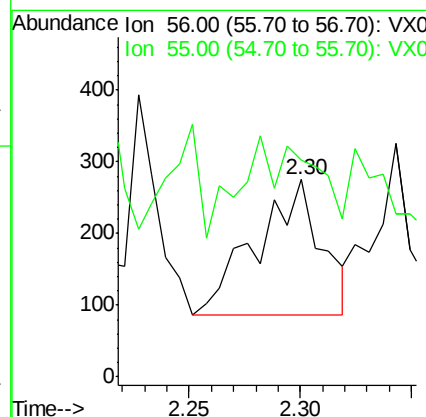
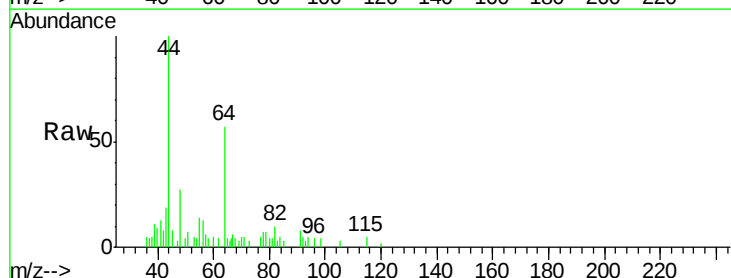
Instrument :
MSVOA_X
ClientSampled :
HC-SOIL-1

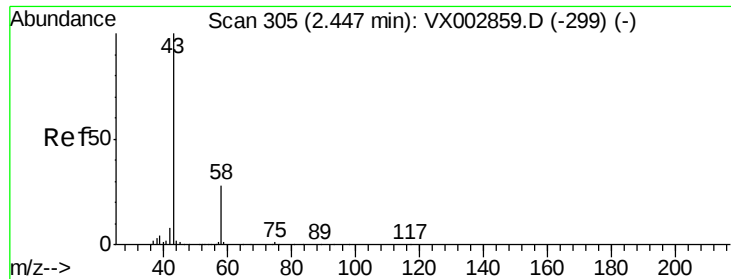
Tot Ion: 59 Resp: 429
Ion Ratio Lower Upper
59 100
57 21.2 8.2 12.2#



#13
Acrolein
Concen: 5.11 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX003184.D
Acq: 05 Jul 2018 20:34

Tgt Ion: 56 Resp: 384
Ion Ratio Lower Upper
56 100
55 11.2 57.0 85.4#





#16

Acetone

Concen: 10.45 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX003184.D

Acq: 05 Jul 2018 20:34

Instrument :

MSVOA_X

ClientSampled :

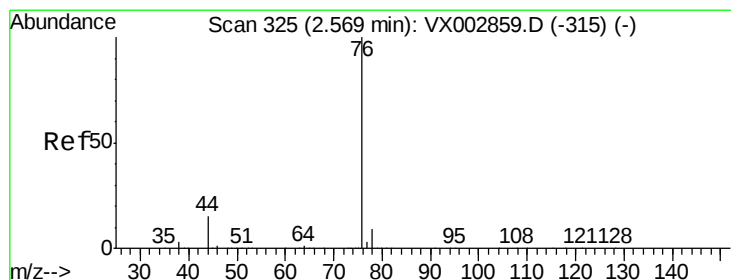
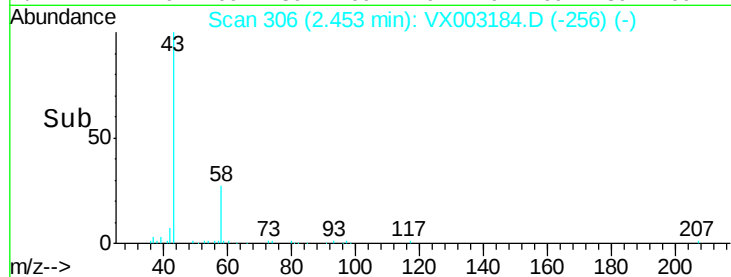
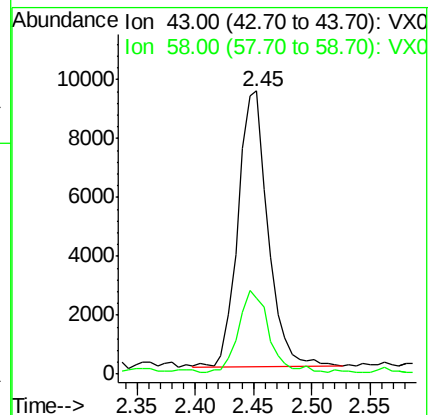
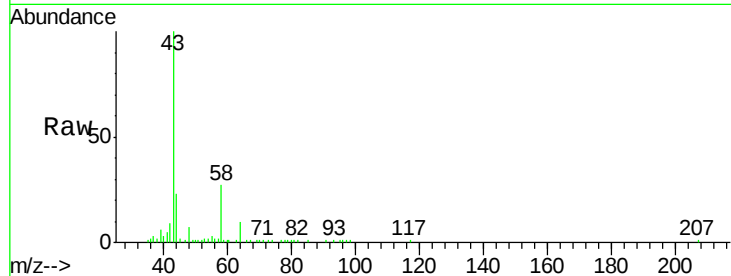
HC-SOIL-1

Tot Ion: 43 Resp: 16893

Ion Ratio Lower Upper

43 100

58 26.7 22.1 33.1



#17

Carbon Disulfide

Concen: 0.28 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX003184.D

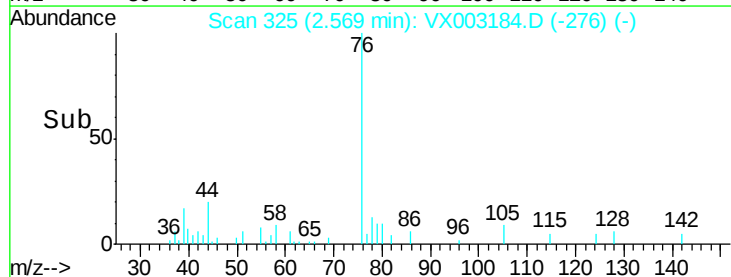
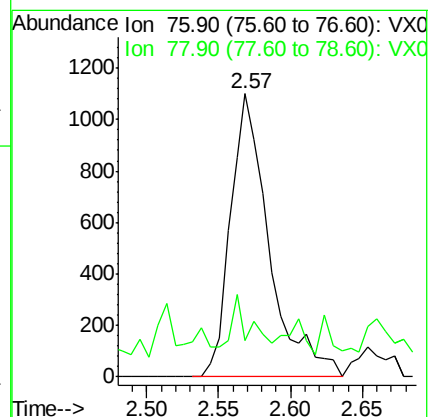
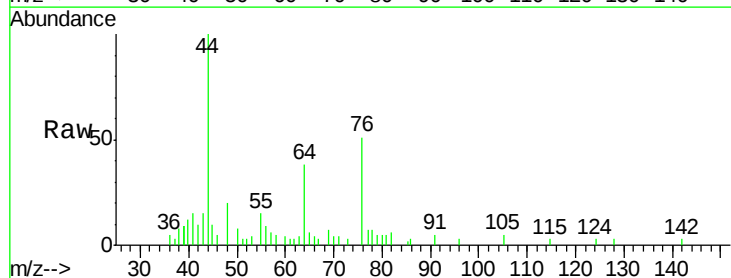
Acq: 05 Jul 2018 20:34

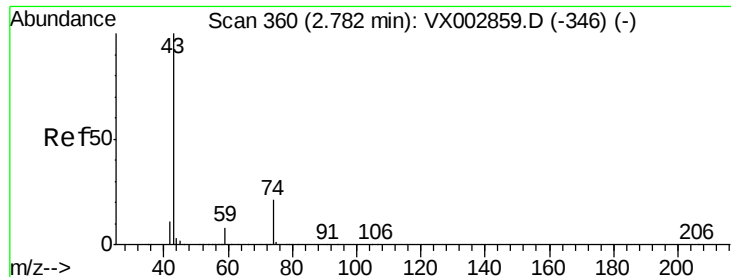
Tgt Ion: 76 Resp: 2070

Ion Ratio Lower Upper

76 100

78 3.8 6.9 10.3#

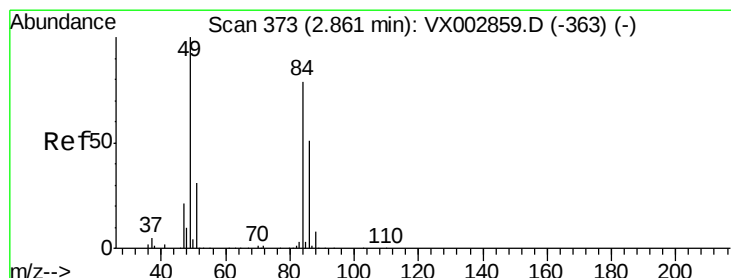
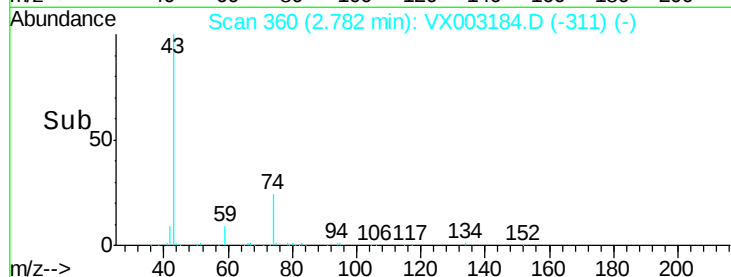
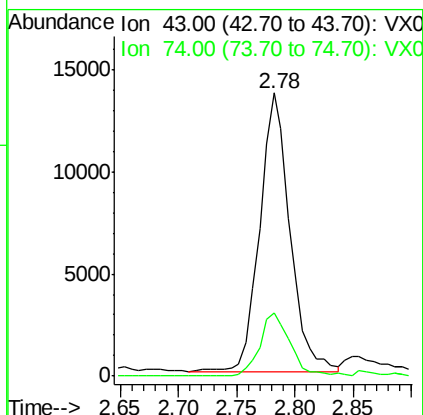
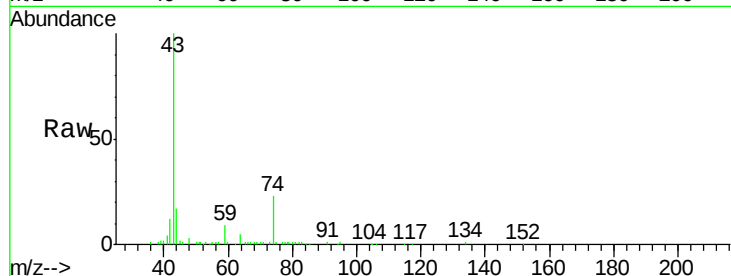




#18
Methvl Acetate
Concen: 5.40 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003184.D
Acq: 05 Jul 2018 20:34

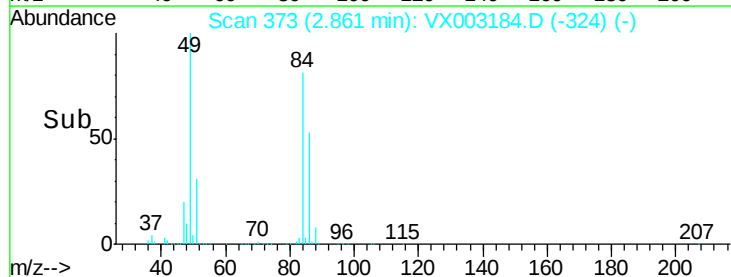
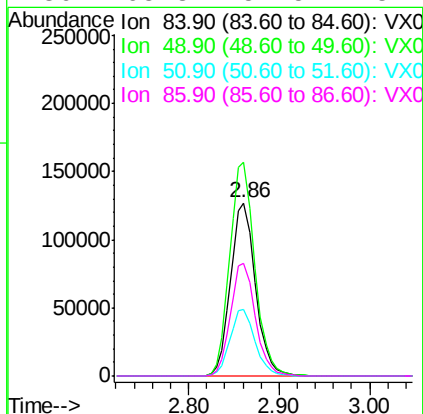
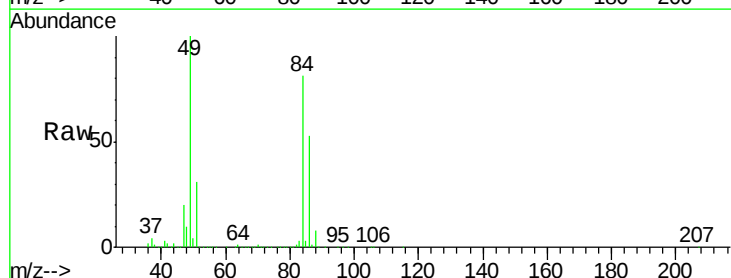
Instrument :
MSVOA_X
ClientSampleId :
HC-SOIL-1

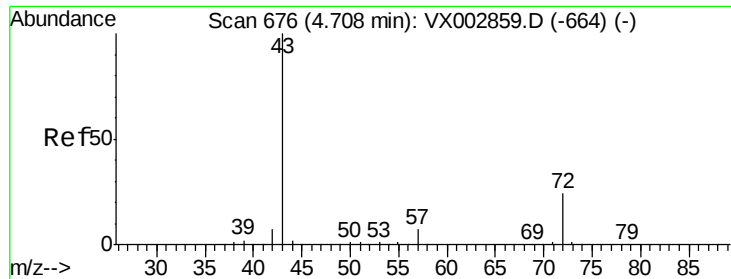
Tot Ion: 43 Resp: 24394
Ion Ratio Lower Upper
43 100
74 22.9 16.7 25.1



#20
Methylene Chloride
Concen: 77.33 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX003184.D
Acq: 05 Jul 2018 20:34

Tgt Ion: 84 Resp: 243145
Ion Ratio Lower Upper
84 100
49 123.2 107.8 161.6
51 38.0 32.8 49.2
86 65.3 52.5 78.7

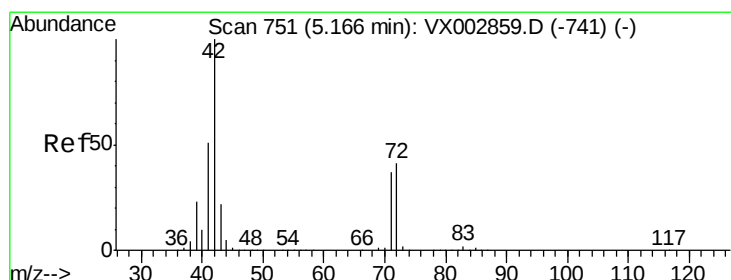
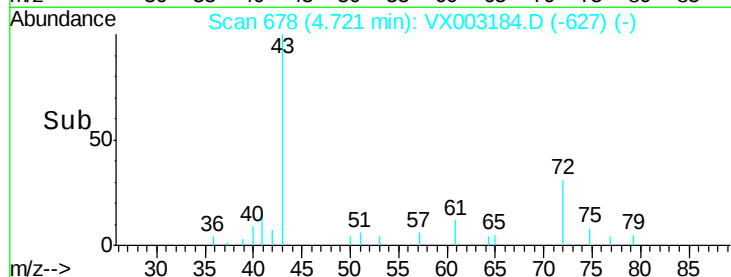
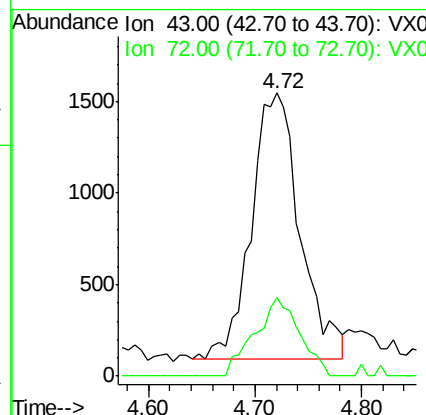
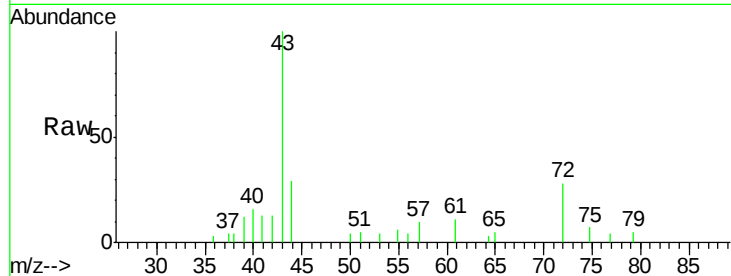




#25
2-Butanone
Concen: 1.93 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.01 min
Lab File: VX003184.D
Acq: 05 Jul 2018 20:34

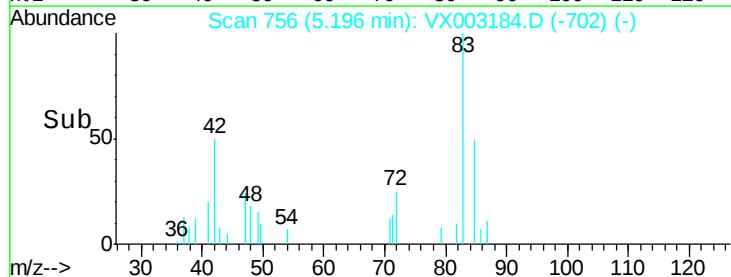
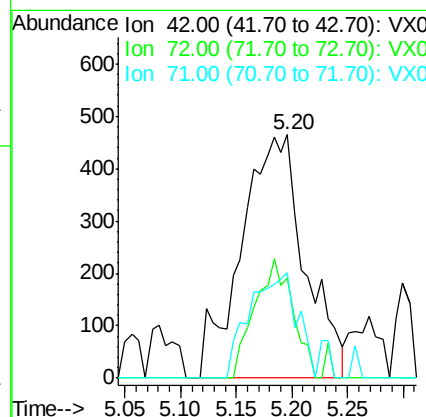
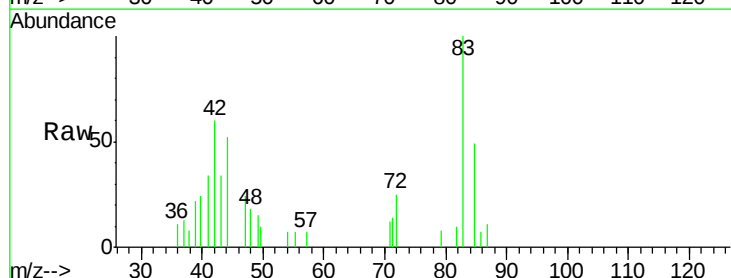
Instrument :
MSVOA_X
ClientSampled :
HC-SOIL-1

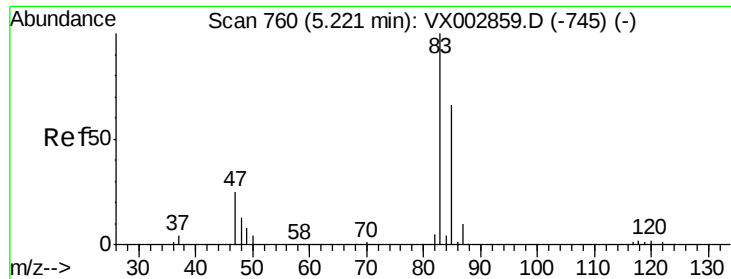
Tot Ion: 43 Resp: 4622
Ion Ratio Lower Upper
43 100
72 29.8 18.5 27.7#



#29
Tetrahydrofuran
Concen: 1.20 ug/l
RT: 5.20 min Scan# 756
Delta R.T. 0.03 min
Lab File: VX003184.D
Acq: 05 Jul 2018 20:34

Tgt Ion: 42 Resp: 1850
Ion Ratio Lower Upper
42 100
72 29.2 32.0 48.0#
71 32.5 30.1 45.1

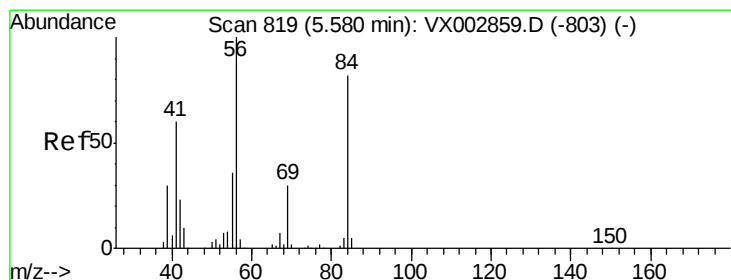
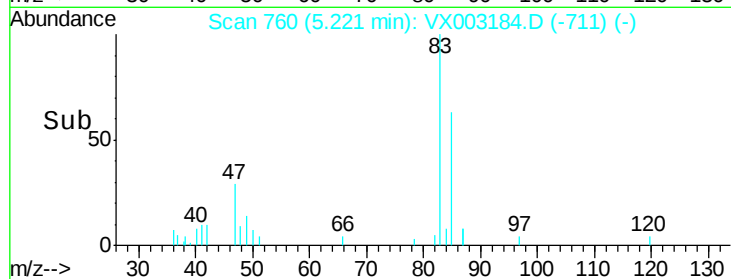
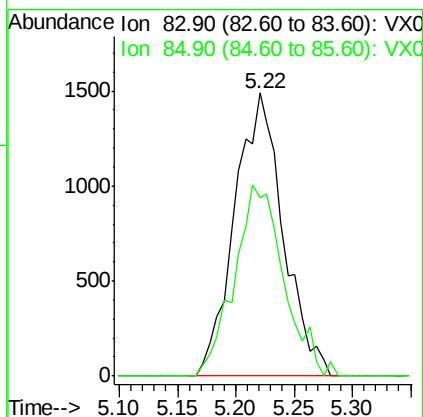
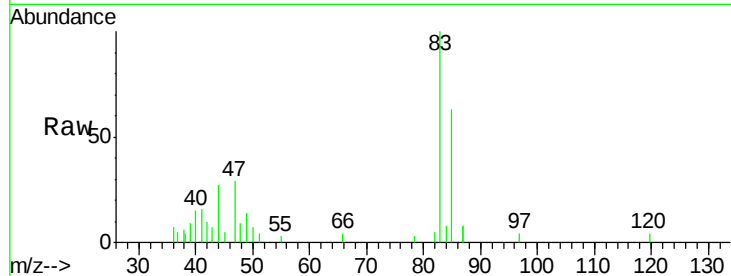




#30
Chloroform
Concen: 0.74 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX003184.D
Acq: 05 Jul 2018 20:34

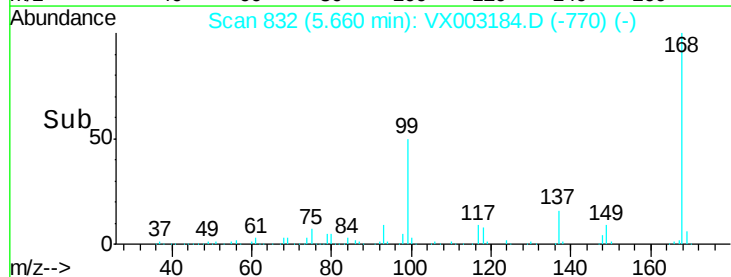
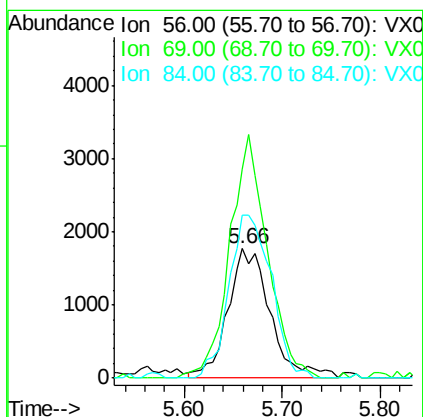
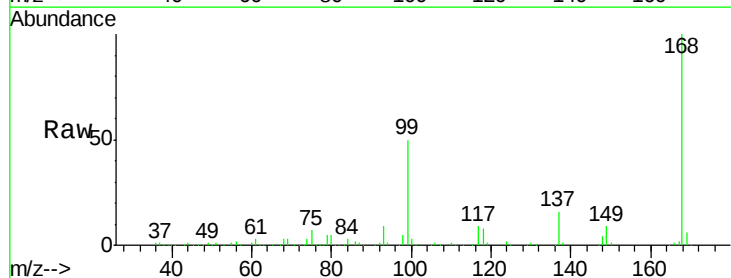
Instrument :
MSVOA_X
ClientSampleId :
HC-SOIL-1

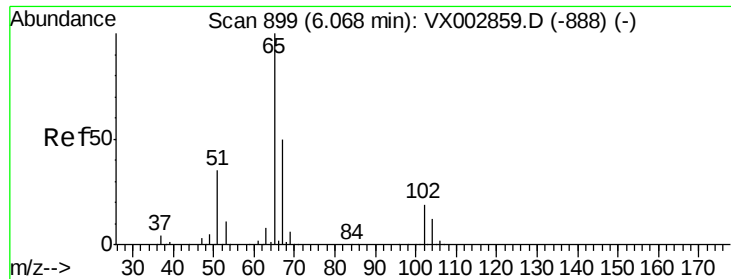
Tot Ion: 83 Resp: 4327
Ion Ratio Lower Upper
83 100
85 63.1 50.4 75.6



#31
Cyclohexane
Concen: 1.09 ug/l
RT: 5.66 min Scan# 832
Delta R.T. 0.08 min
Lab File: VX003184.D
Acq: 05 Jul 2018 20:34

Tgt Ion: 56 Resp: 5323
Ion Ratio Lower Upper
56 100
69 162.1 23.7 35.5#
84 126.3 64.1 96.1#

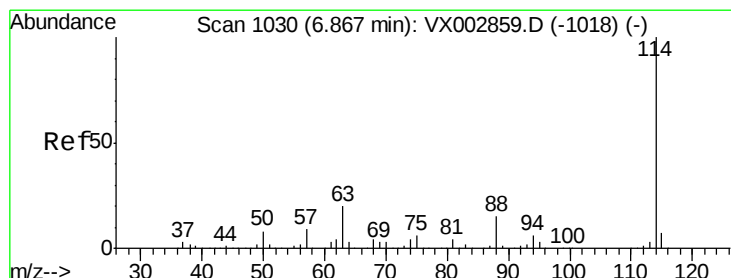
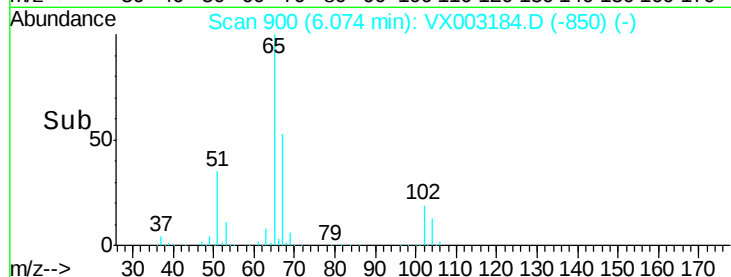
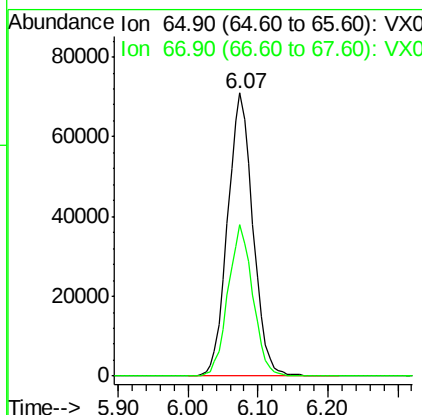
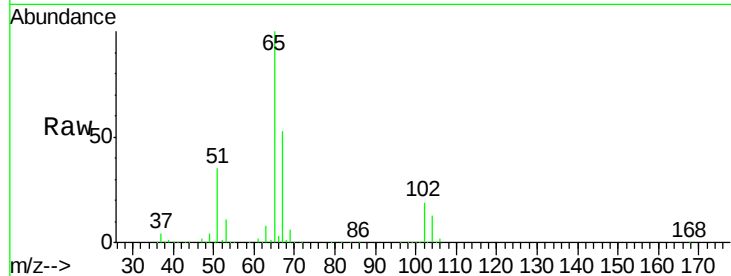




#33
 1,2-Dichloroethane-d4
 Concen: 45.83 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003184.D
 Acq: 05 Jul 2018 20:34

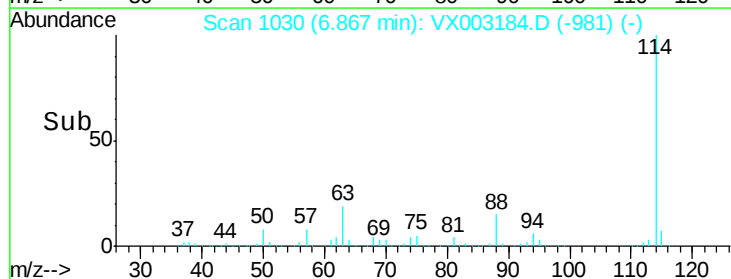
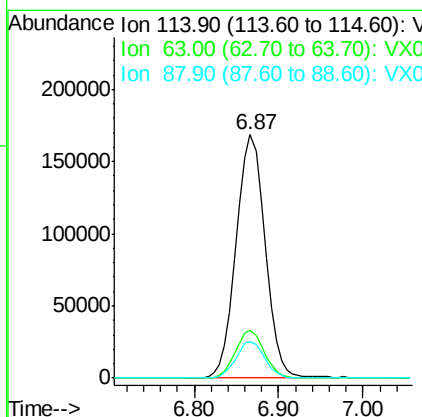
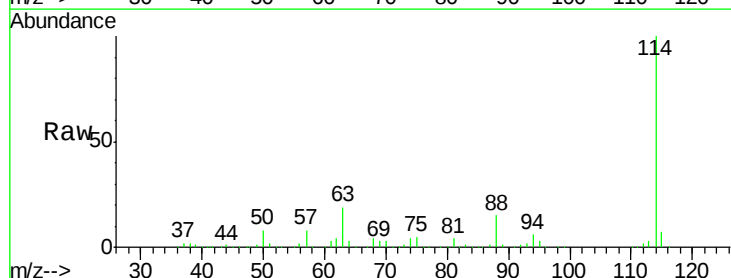
Instrument :
 MSVOA_X
 ClientSampleId :
 HC-SOIL-1

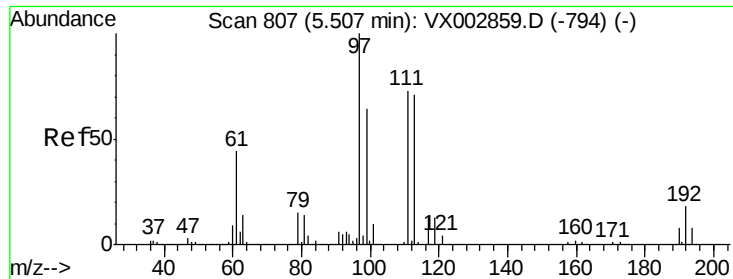
Tot Ion: 65 Resp: 178824
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003184.D
 Acq: 05 Jul 2018 20:34

Tgt Ion: 114 Resp: 393623
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 41.4
 88 14.8 0.0 30.0





#35

Dibromofluoromethane

Concen: 47.96 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003184.D

Acq: 05 Jul 2018 20:34

Instrument :

MSVOA_X

ClientSampled :

HC-SOIL-1

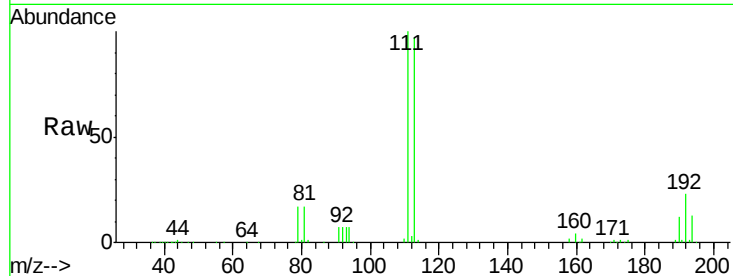
Tot Ion:113 Resp: 149495

Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

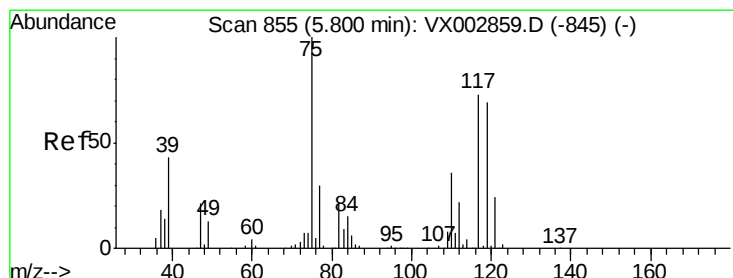
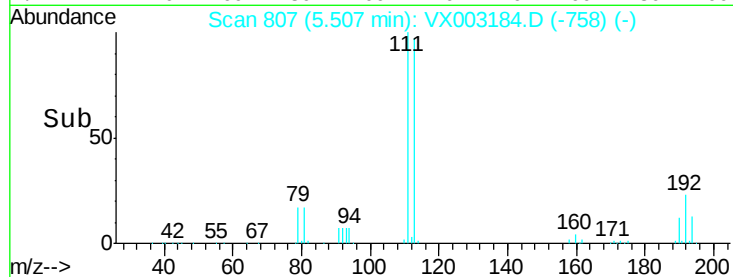
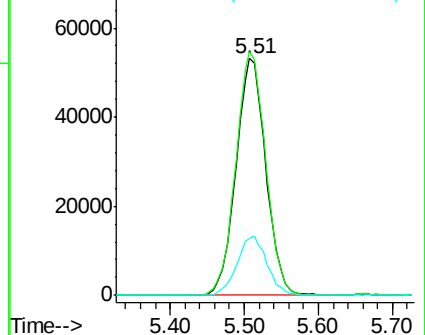
192 24.9 19.1 28.7



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: 4.05 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.13 min

Lab File: VX003184.D

Acq: 05 Jul 2018 20:34

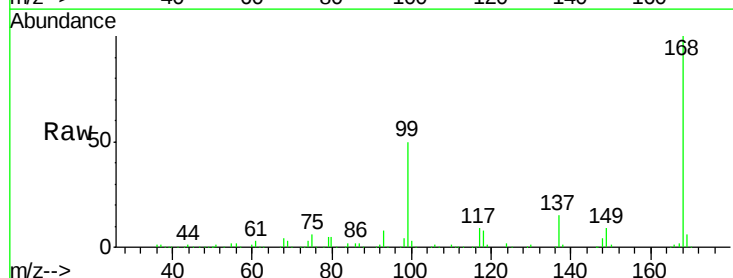
Tgt Ion: 75 Resp: 17466

Ion Ratio Lower Upper

75 100

110 11.3 18.1 54.4#

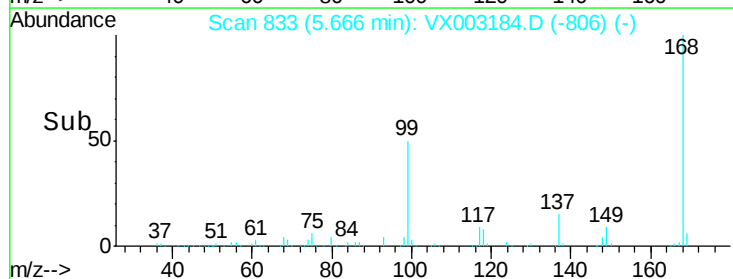
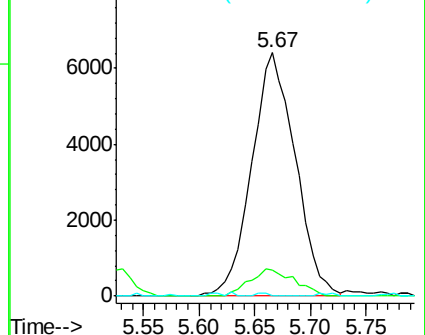
77 0.3 24.3 36.5#

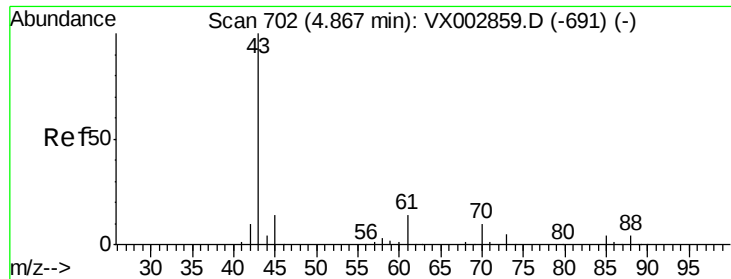


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 1.00 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.15 min

Lab File: VX003184.D

Acq: 05 Jul 2018 20:34

Instrument :

MSVOA_X

ClientSampled :

HC-SOIL-1

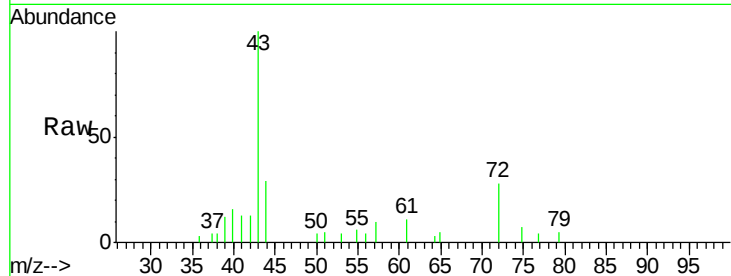
Tot Ion: 43 Resp: 4637

Ion Ratio Lower Upper

43 100

61 0.0 10.4 15.6#

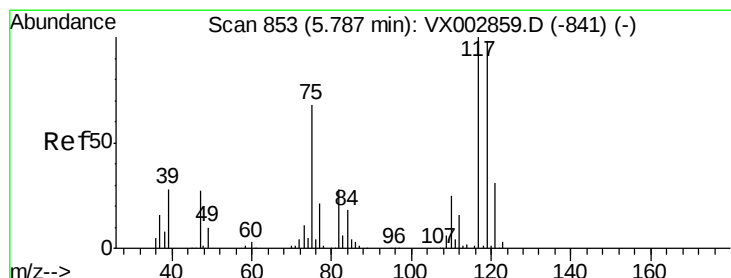
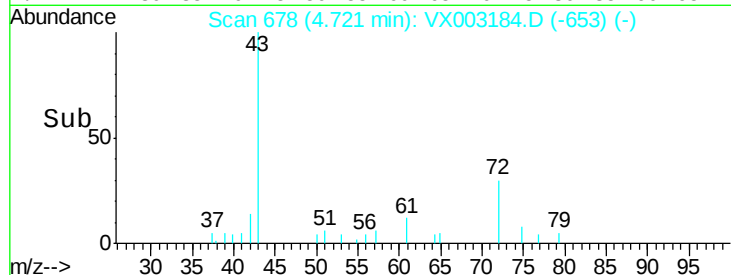
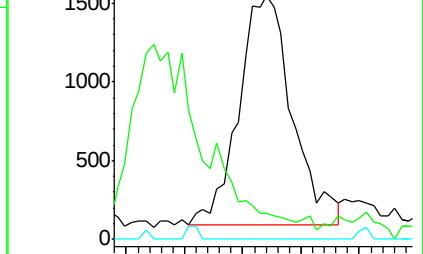
70 0.0 7.6 11.4#



Abundance Ion 43.00 (42.70 to 43.70): VX003184.D (-653) (-)

Ion 60.90 (60.60 to 61.60): VX003184.D (-653) (-)

Ion 70.00 (69.70 to 70.70): VX003184.D (-653) (-)



#38

Carbon Tetrachloride

Concen: 5.33 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX003184.D

Acq: 05 Jul 2018 20:34

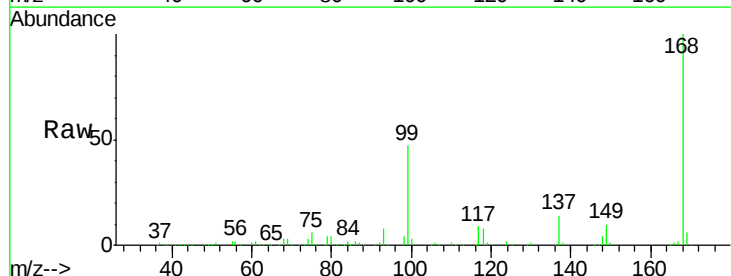
Tgt Ion: 117 Resp: 25263

Ion Ratio Lower Upper

117 100

119 6.0 77.4 116.0#

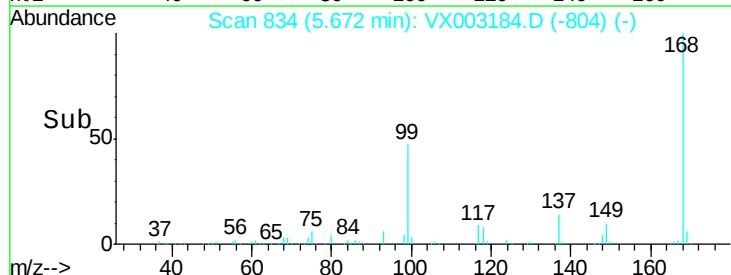
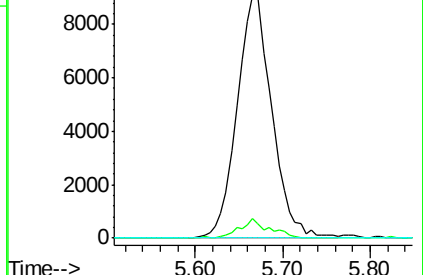
121 0.0 24.4 36.6#

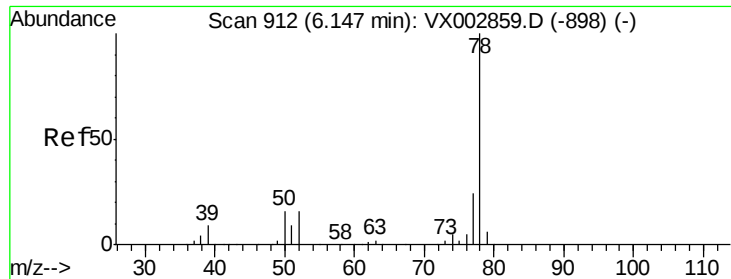


Abundance Ion 116.80 (116.50 to 117.50): VX003184.D (-804) (-)

Ion 118.80 (118.50 to 119.50): VX003184.D (-804) (-)

Ion 120.80 (120.50 to 121.50): VX003184.D (-804) (-)





#40

Benzene

Concen: 0.70 ug/l

RT: 6.15 min Scan# 913

Delta R.T. 0.01 min

Lab File: VX003184.D

Acq: 05 Jul 2018 20:34

Instrument :

MSVOA_X

ClientSampleId :

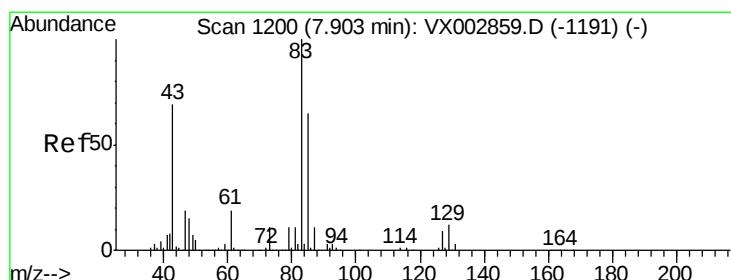
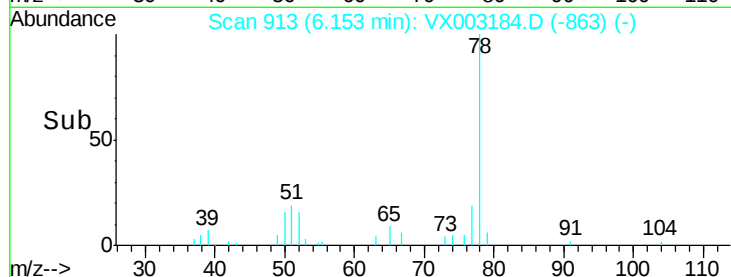
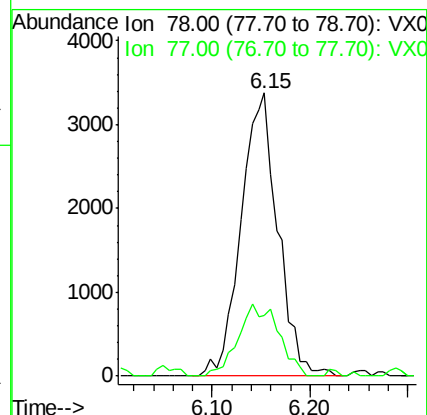
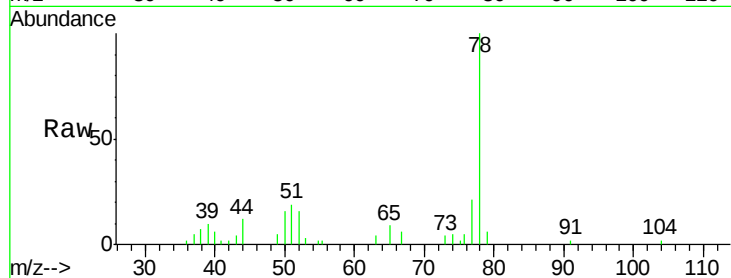
HC-SOIL-1

Tot Ion: 78 Resp: 8798

Ion Ratio Lower Upper

78 100

77 21.3 19.1 28.7



#47

Bromodichloromethane

Concen: 0.32 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.01 min

Lab File: VX003184.D

Acq: 05 Jul 2018 20:34

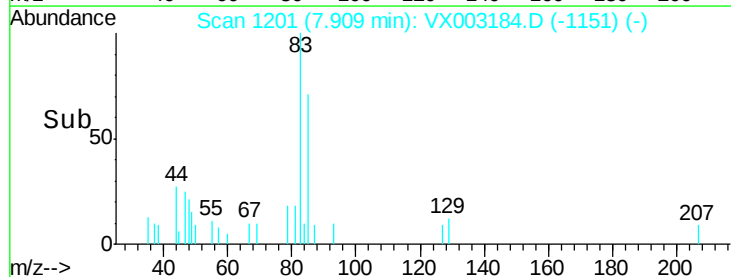
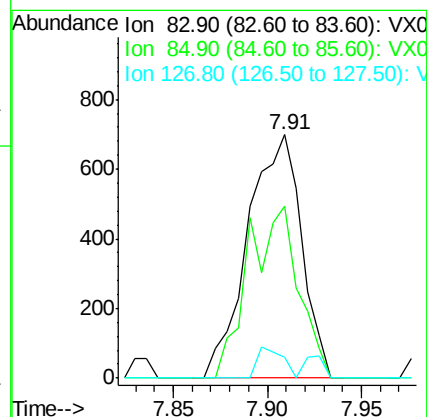
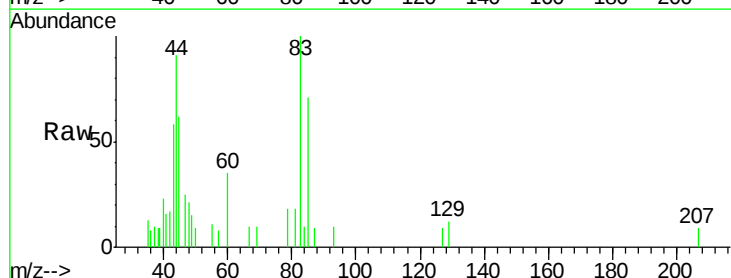
Tgt Ion: 83 Resp: 1377

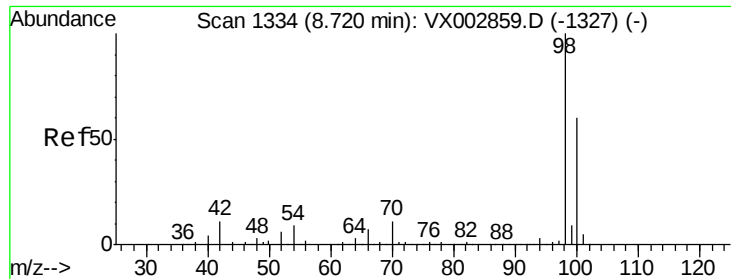
Ion Ratio Lower Upper

83 100

85 70.5 50.3 75.5

127 8.7 7.0 10.4

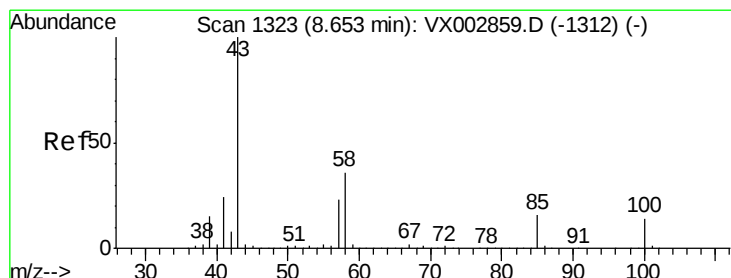
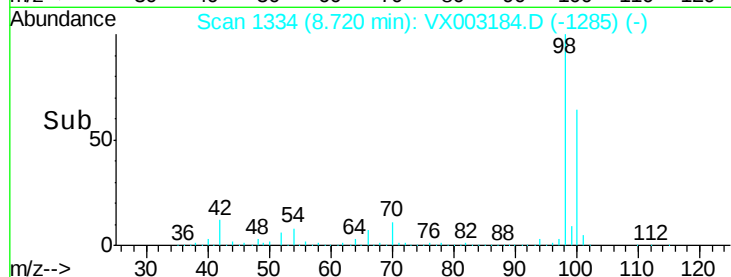
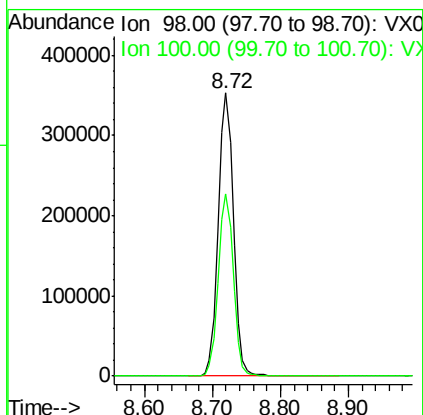
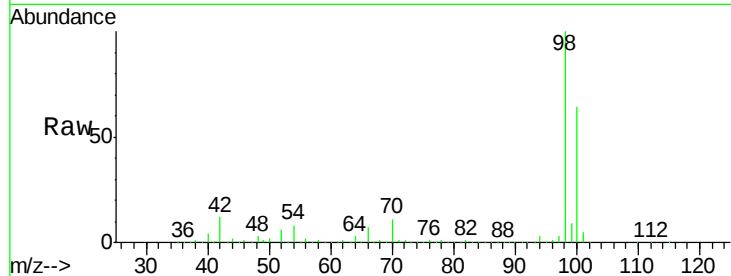




#50
Toluene-d8
Concen: 48.32 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003184.D
Acq: 05 Jul 2018 20:34

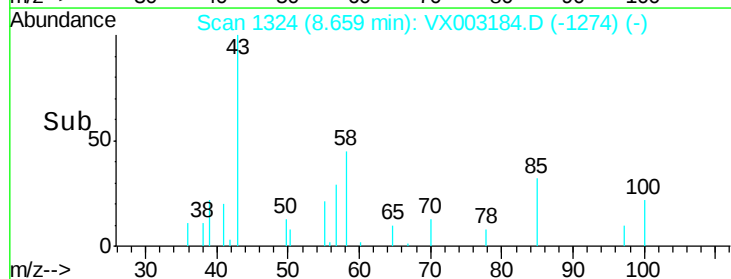
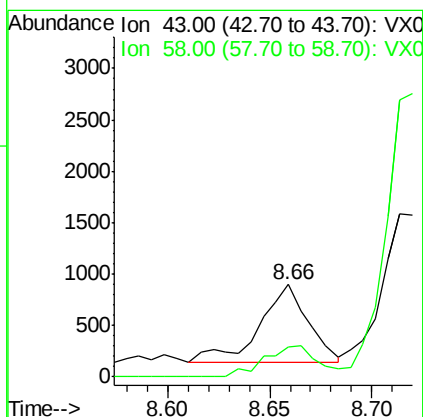
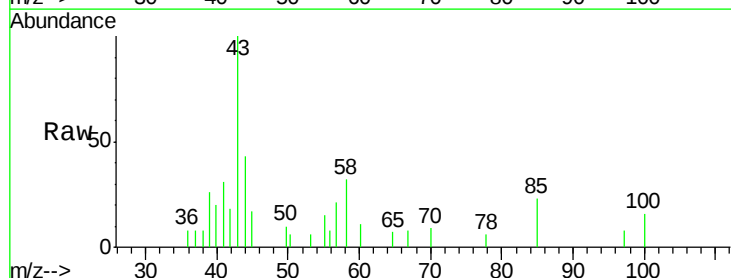
Instrument :
MSVOA_X
ClientSampled :
HC-SOIL-1

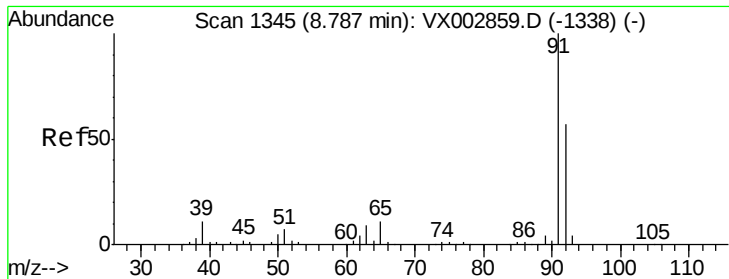
Tot Ion: 98 Resp: 550006
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.26 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.01 min
Lab File: VX003184.D
Acq: 05 Jul 2018 20:34

Tgt Ion: 43 Resp: 1248
Ion Ratio Lower Upper
43 100
58 44.2 28.6 42.8#





#52

Toluene

Concen: 0.40 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003184.D

Acq: 05 Jul 2018 20:34

Instrument :

MSVOA_X

ClientSampleId :

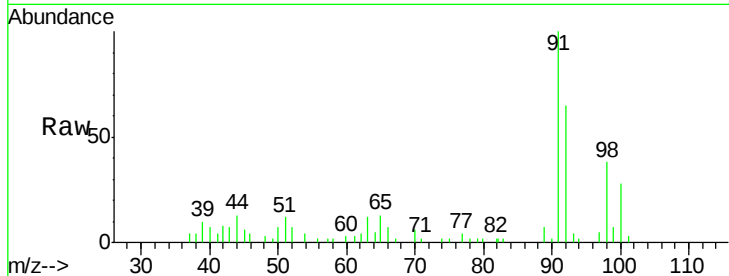
HC-SOIL-1

Tot Ion: 92 Resp: 3176

Ion Ratio Lower Upper

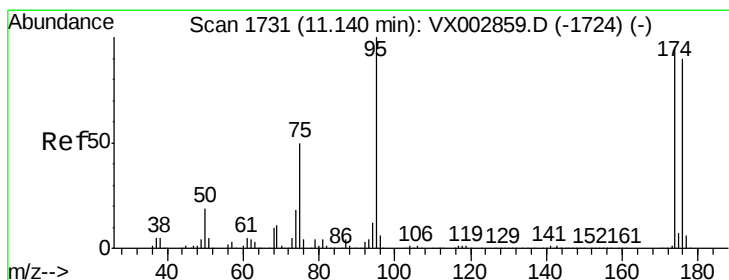
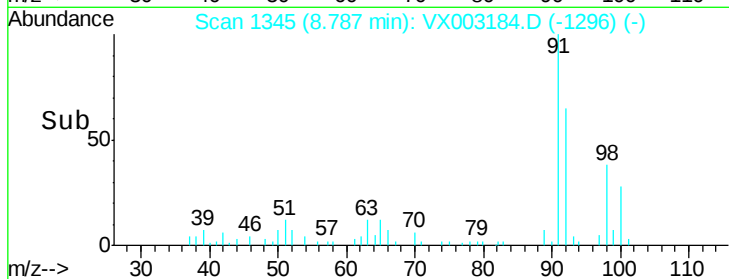
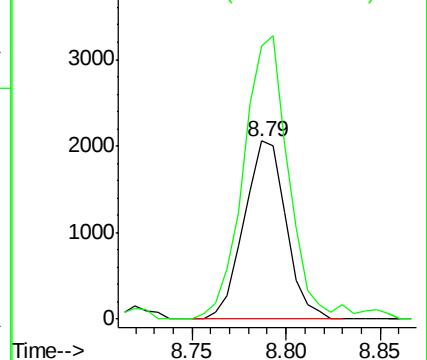
92 100

91 174.1 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 44.49 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003184.D

Acq: 05 Jul 2018 20:34

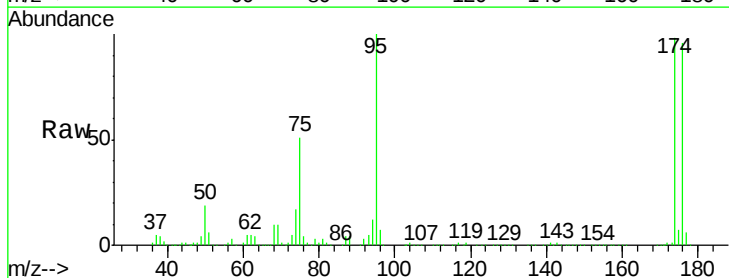
Tgt Ion: 95 Resp: 195318

Ion Ratio Lower Upper

95 100

174 98.7 0.0 187.4

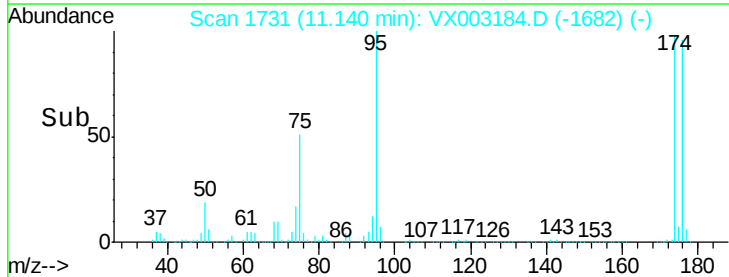
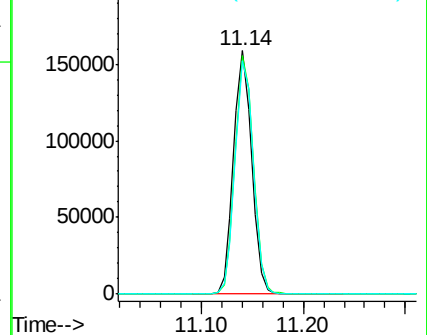
176 96.7 0.0 181.0

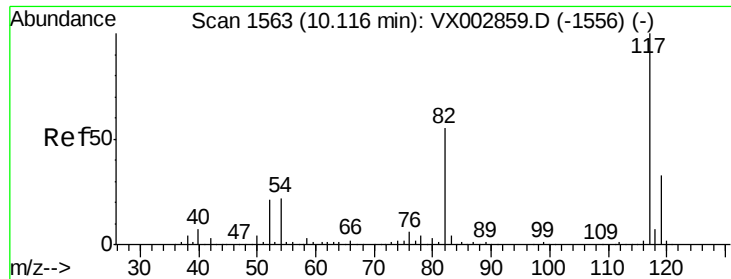


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

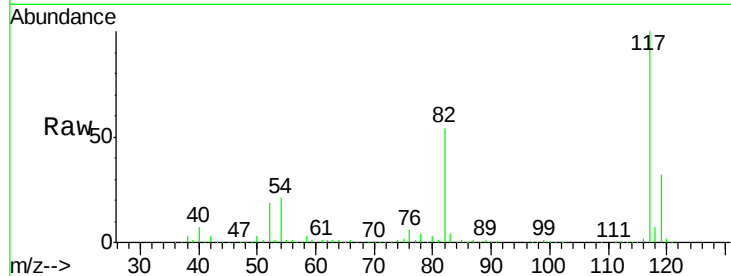




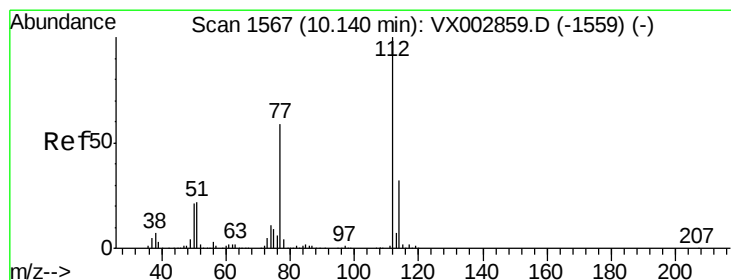
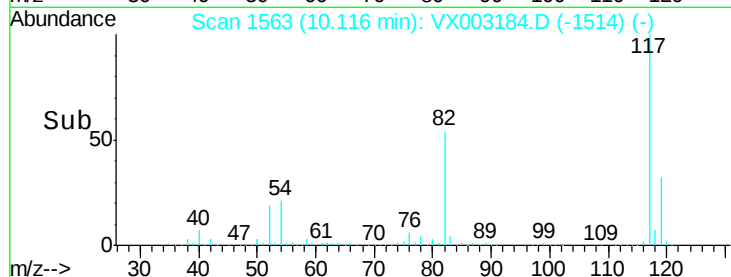
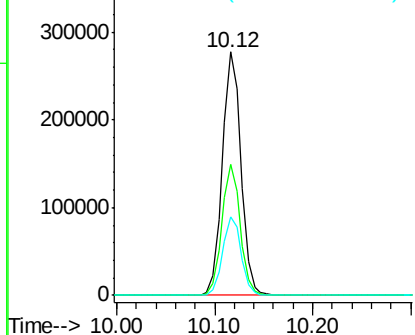
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003184.D
Acq: 05 Jul 2018 20:34

Instrument :
MSVOA_X
ClientSampleId :
HC-SOIL-1

Tot Ion:117 Resp: 367087
Ion Ratio Lower Upper
117 100
82 54.0 45.0 67.4
119 32.0 25.8 38.6

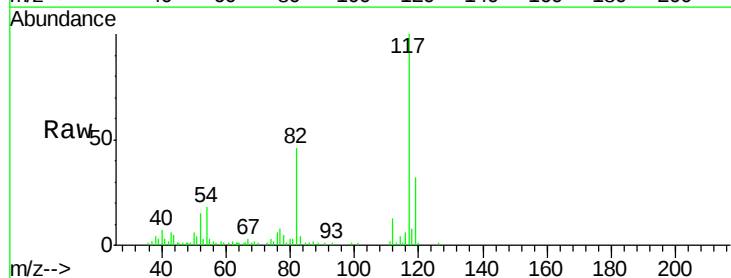


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

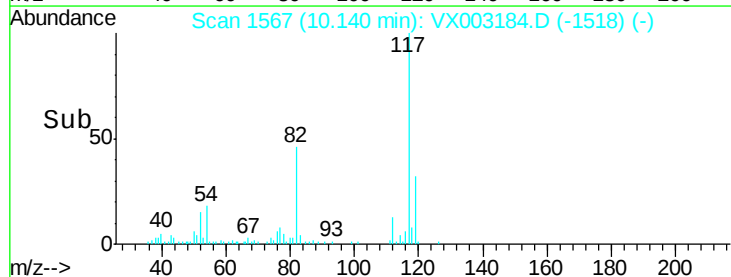
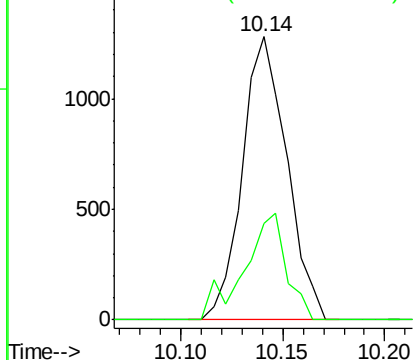


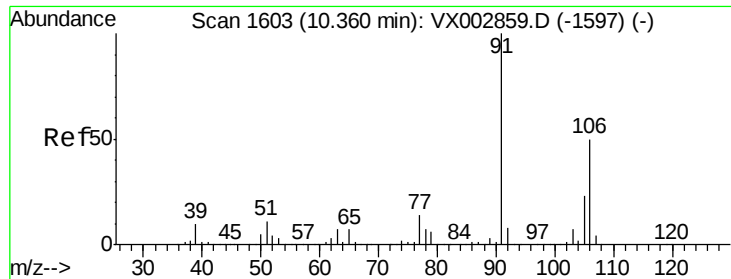
#65
Chlorobenzene
Concen: 0.21 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003184.D
Acq: 05 Jul 2018 20:34

Tgt Ion:112 Resp: 1937
Ion Ratio Lower Upper
112 100
114 33.9 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

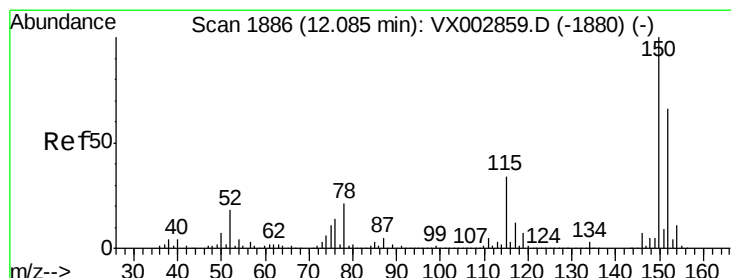
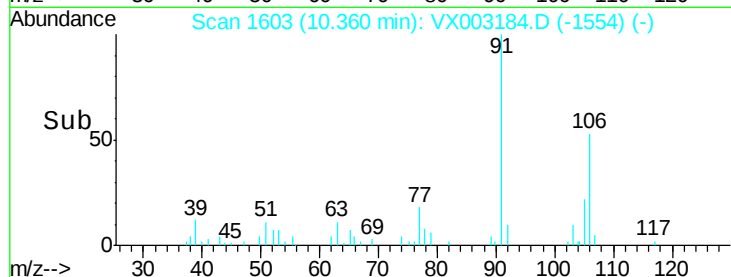
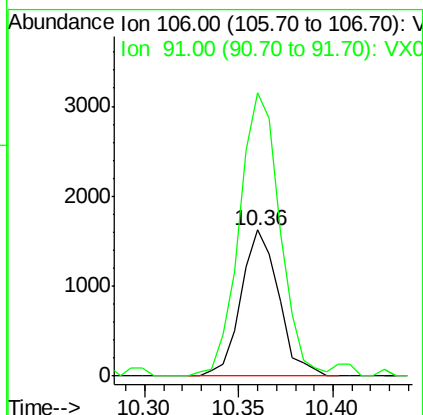
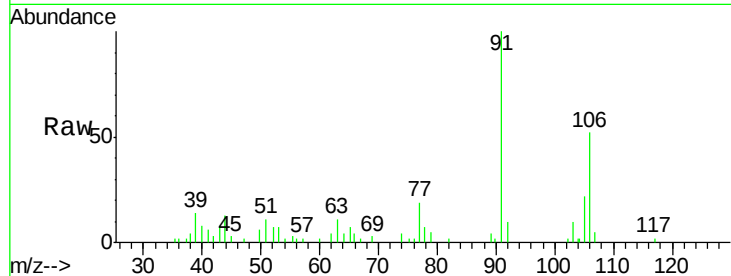




#68
m/p-Xvlenes
Concen: 0.38 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003184.D
Acq: 05 Jul 2018 20:34

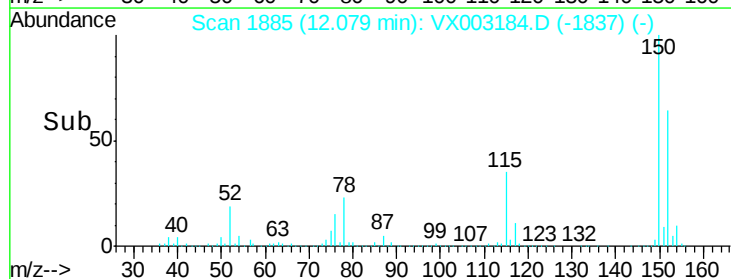
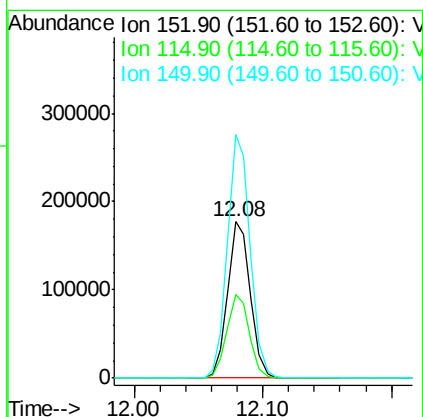
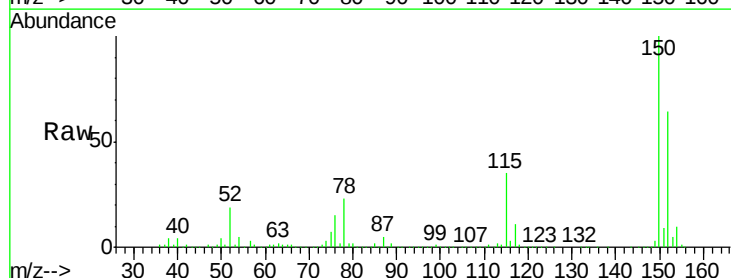
Instrument :
MSVOA_X
ClientSampled :
HC-SOIL-1

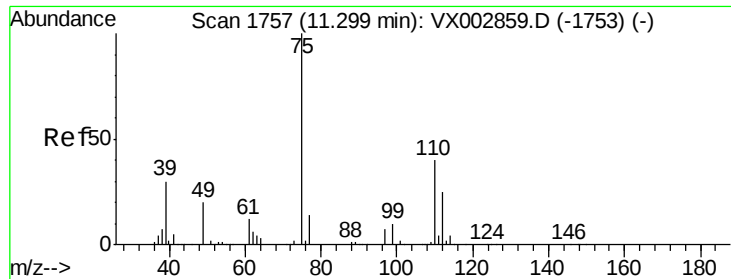
Tot Ion:106 Resp: 2249
Ion Ratio Lower Upper
106 100
91 209.4 163.4 245.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003184.D
Acq: 05 Jul 2018 20:34

Tgt Ion:152 Resp: 220742
Ion Ratio Lower Upper
152 100
115 53.3 40.1 120.2
150 155.4 0.0 347.2

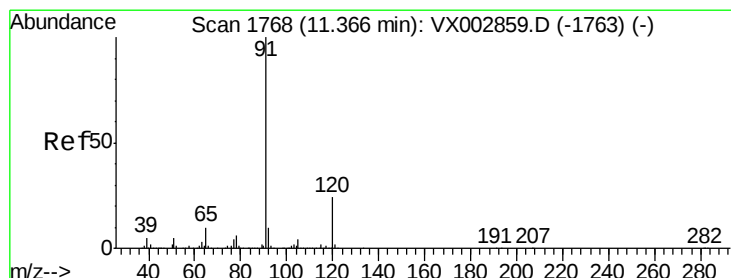
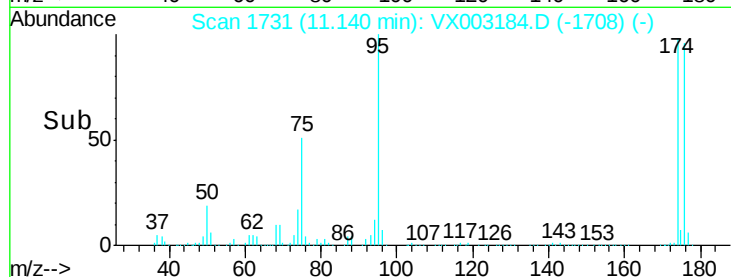
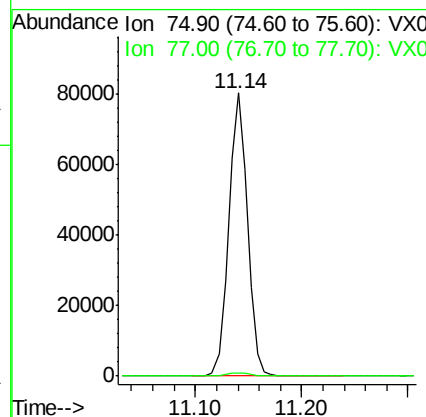
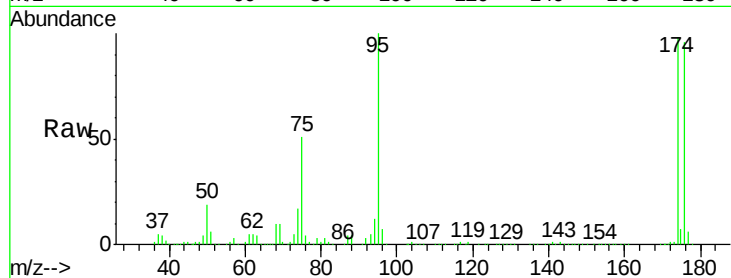




#76
 1,2,3-Trichloropropane
 Concen: 24.67 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX003184.D
 Acq: 05 Jul 2018 20:34

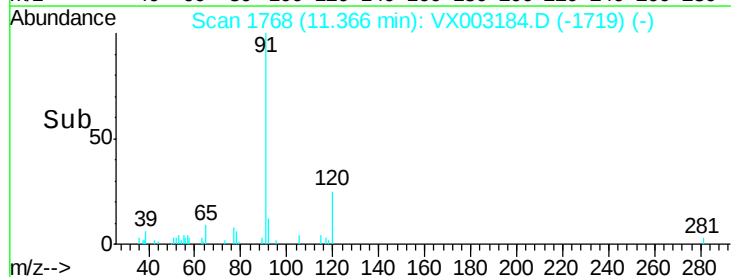
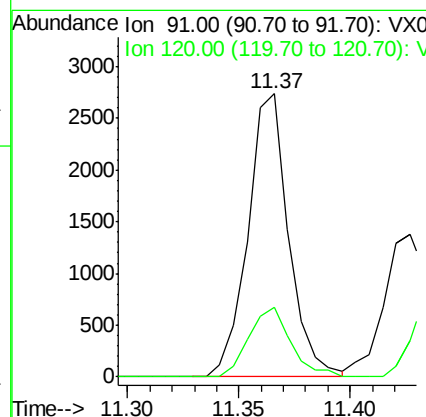
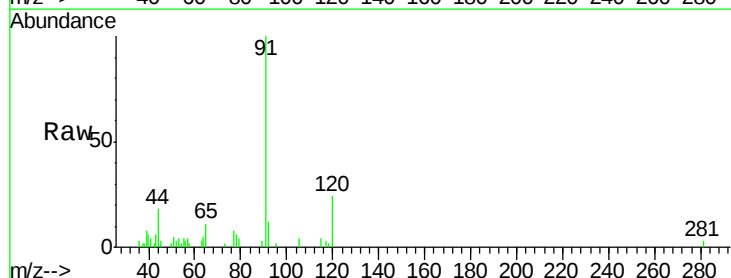
Instrument :
 MSVOA_X
 ClientSampled :
 HC-SOIL-1

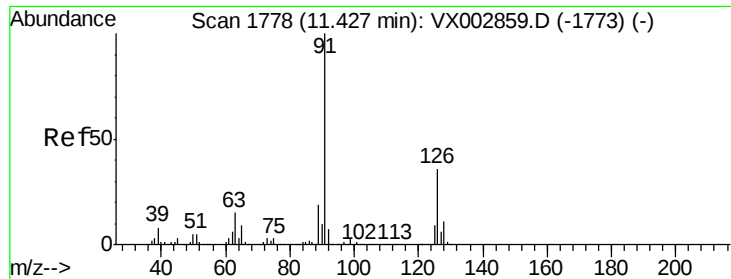
Tot Ion: 75 Resp: 98655
 Ion Ratio Lower Upper
 75 100
 77 1.3 22.8 68.3#



#78
 n-propylbenzene
 Concen: 0.21 ug/l
 RT: 11.37 min Scan# 1768
 Delta R.T. 0.00 min
 Lab File: VX003184.D
 Acq: 05 Jul 2018 20:34

Tgt Ion: 91 Resp: 3507
 Ion Ratio Lower Upper
 91 100
 120 25.3 11.8 35.4

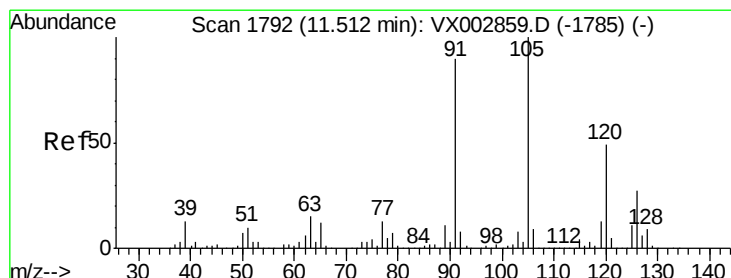
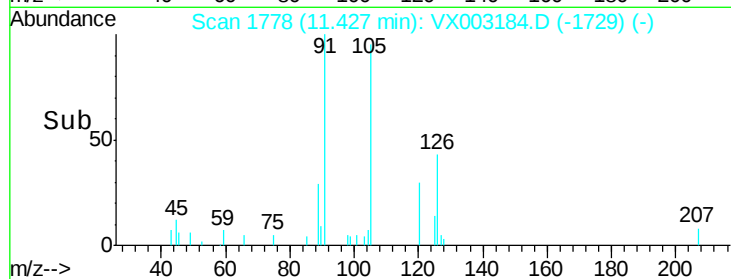
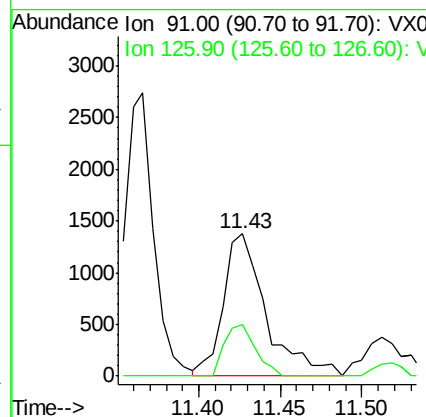
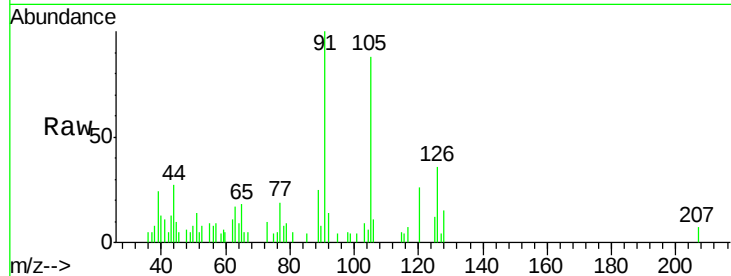




#79
 2-Chlorotoluene
 Concen: 0.25 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX003184.D
 Acq: 05 Jul 2018 20:34

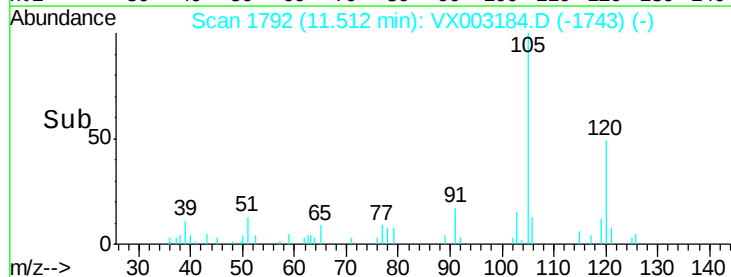
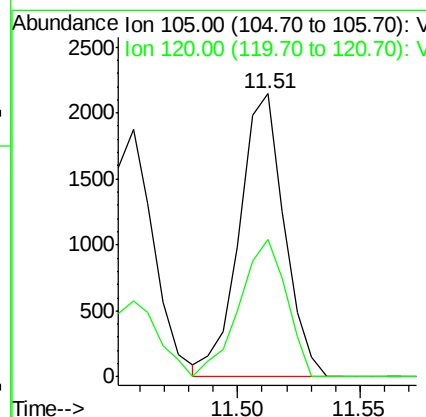
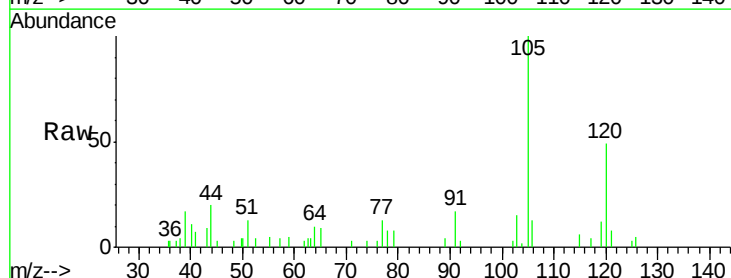
Instrument :
 MSVOA_X
 ClientSampled :
 HC-SOIL-1

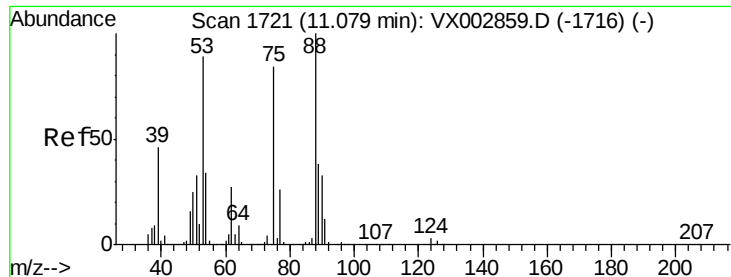
Tot Ion: 91 Resp: 2519
 Ion Ratio Lower Upper
 91 100
 126 26.5 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 0.22 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX003184.D
 Acq: 05 Jul 2018 20:34

Tgt Ion: 105 Resp: 2746
 Ion Ratio Lower Upper
 105 100
 120 50.5 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 70.14 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX003184.D

Acq: 05 Jul 2018 20:34

Instrument :

MSVOA_X

ClientSampled :

HC-SOIL-1

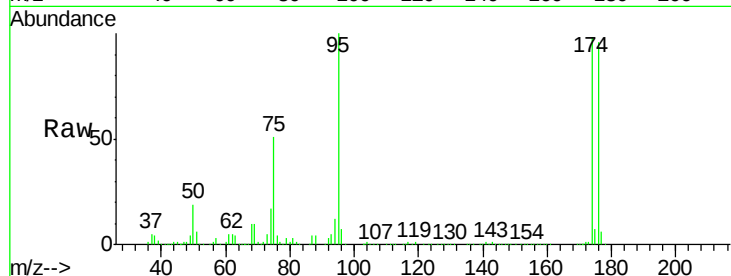
Tot Ion: 75 Resp: 98655

Ion Ratio Lower Upper

75 100

53 0.2 86.8 130.2#

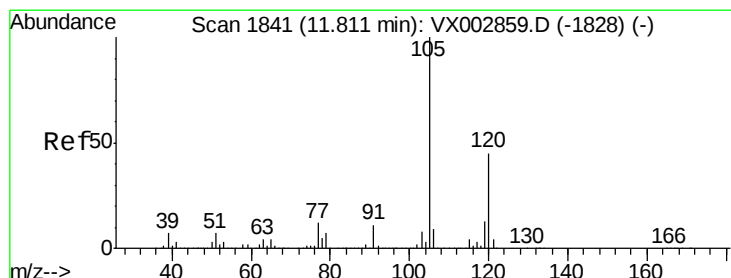
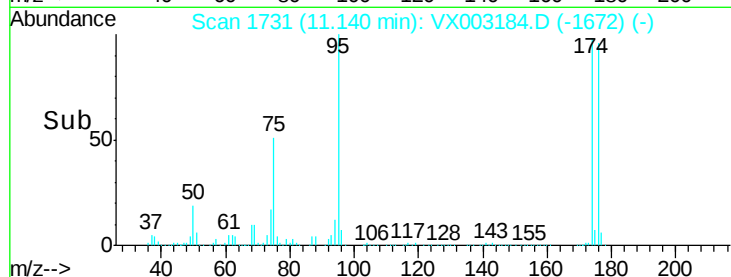
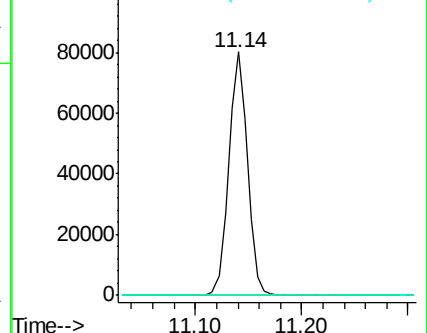
89 0.0 38.2 57.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#84

1,2,4-Trimethylbenzene

Concen: 0.77 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX003184.D

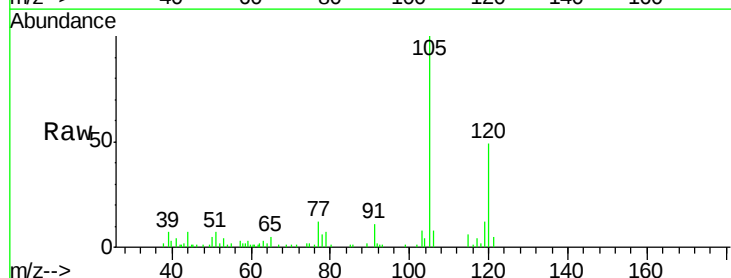
Acq: 05 Jul 2018 20:34

Tgt Ion: 105 Resp: 9926

Ion Ratio Lower Upper

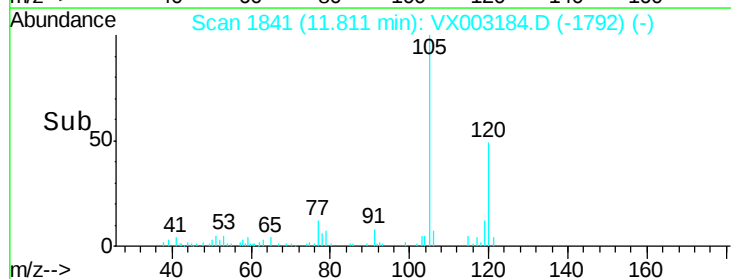
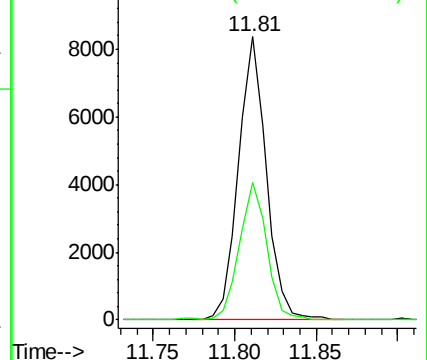
105 100

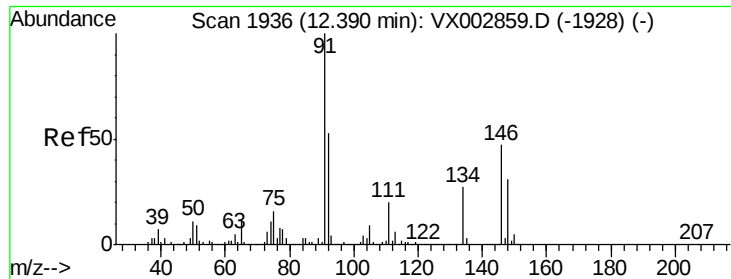
120 48.4 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#89

n-Butylbenzene

Concen: 0.23 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003184.D

Acq: 05 Jul 2018 20:34

Instrument :

MSVOA_X

ClientSampled :

HC-SOIL-1

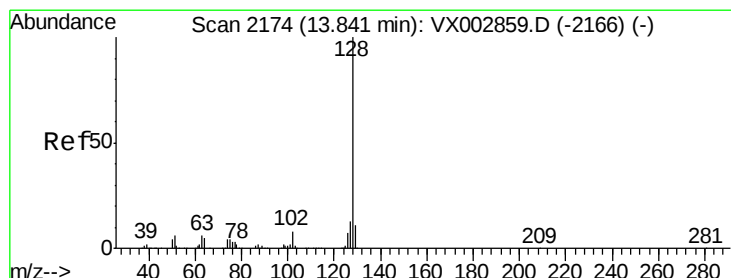
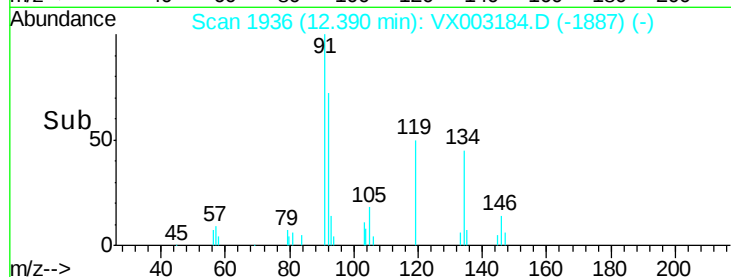
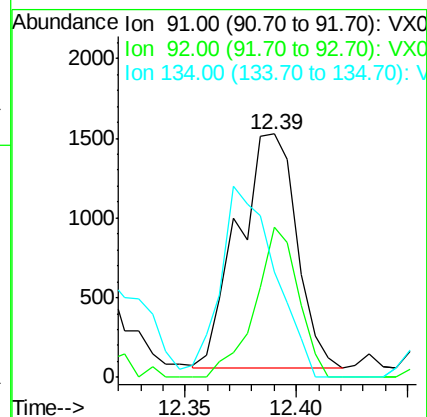
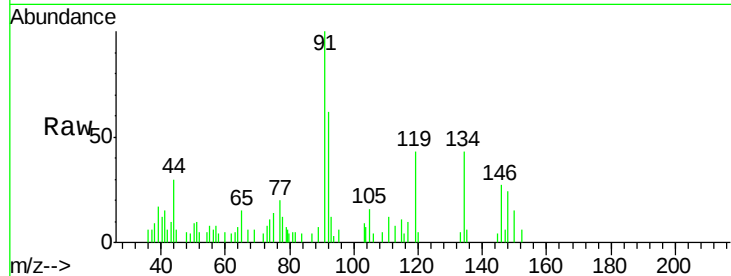
Tot Ion: 91 Resp: 2700

Ion Ratio Lower Upper

91 100

92 47.3 26.0 78.0

134 74.9 13.5 40.5#



#95

Naphthalene

Concen: 13.02 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.01 min

Lab File: VX003184.D

Acq: 05 Jul 2018 20:34

Tgt Ion: 128 Resp: 196672

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 11.3 8.6 13.0

