

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092218\
 Data File : VW005569.D
 Acq On : 21 Sep 2018 19:07
 Operator : VA/AP
 Sample : J5057-01
 Misc : 6.26G/5ML/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HC-SOIL

Quant Time: Sep 21 23:16:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	42998	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	66762	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	66413	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	31274	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		8.31	65	24725	48.81	ug/l	0.00
Spiked Amount	50.000			Recovery	=	97.62%	
35) Dibromofluoromethane		7.88	113	18552	44.19	ug/l	0.00
Spiked Amount	50.000			Recovery	=	88.38%	
50) Toluene-d8		10.33	98	59579	34.85	ug/l	0.00
Spiked Amount	50.000			Recovery	=	69.70%	
62) 4-Bromofluorobenzene		12.62	95	20177	31.90	ug/l	0.00
Spiked Amount	50.000			Recovery	=	63.80%	

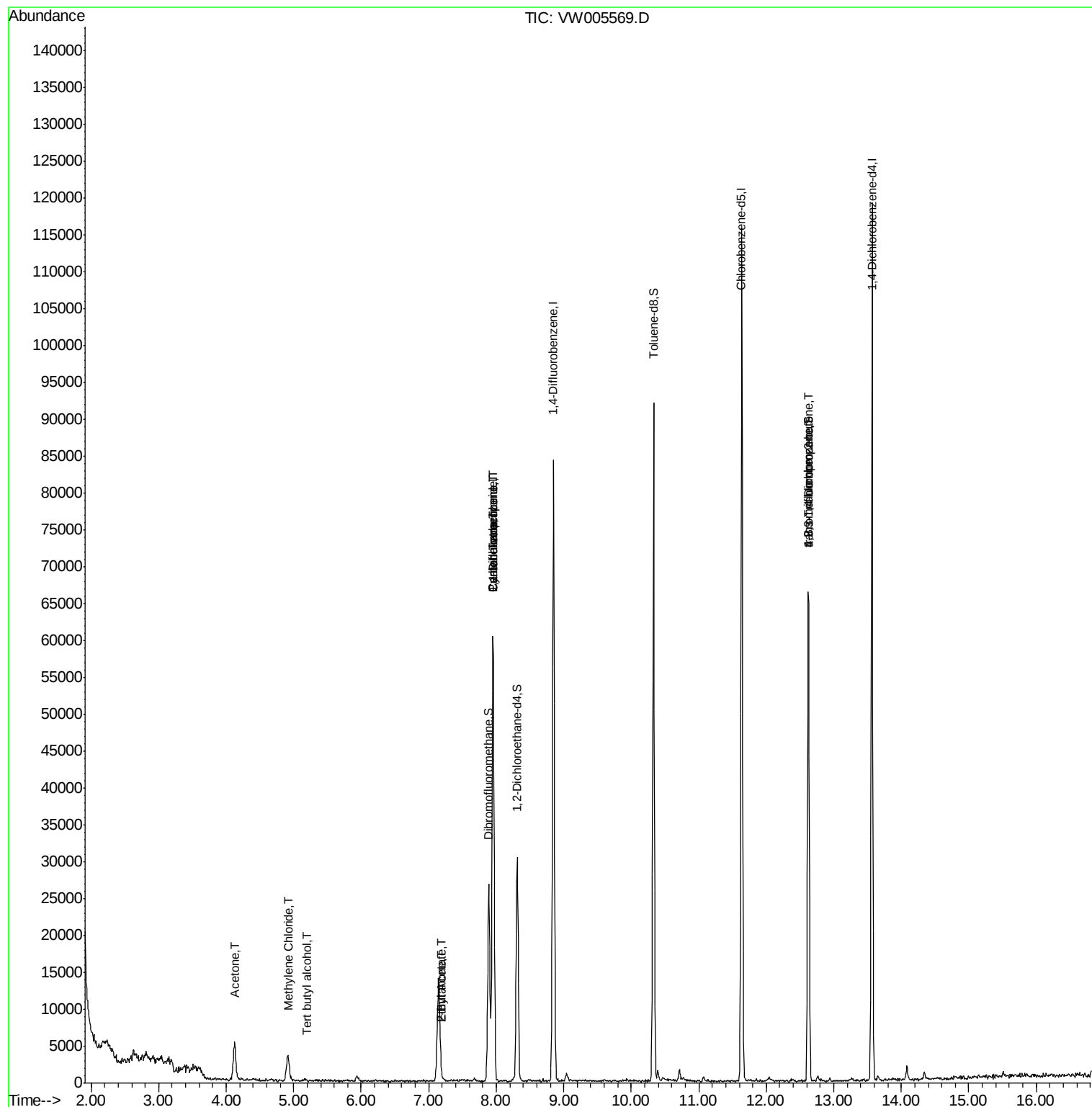
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.19	59	147	3.280	ug/l #	72
16) Acetone	4.12	43	8758	104.486	ug/l	98
20) Methylene Chloride	4.92	84	2514	1.789	ug/l	94
25) 2-Butanone	7.19	43	303	2.463	ug/l #	50
31) Cyclohexane	7.96	56	1157	1.473	ug/l #	12
36) 1,1-Dichloropropene	7.95	75	3566	5.306	ug/l #	51
37) Ethyl Acetate	7.19	43	303	1.071	ug/l #	70
38) Carbon Tetrachloride	7.96	117	4399	6.108	ug/l #	19
76) 1,2,3-Trichloropropane	12.62	75	10471	39.278	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	10471	88.465	ug/l #	7

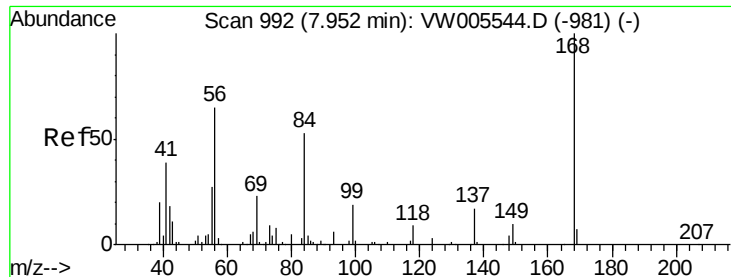
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW092218\
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Misc : 6.26G/5ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
HC-SOIL

Quant Time: Sep 21 23:16:34 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 21 09:05:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005569.D

Acq: 21 Sep 2018 19:07

Instrument :

MSVOA_W

ClientSampled :

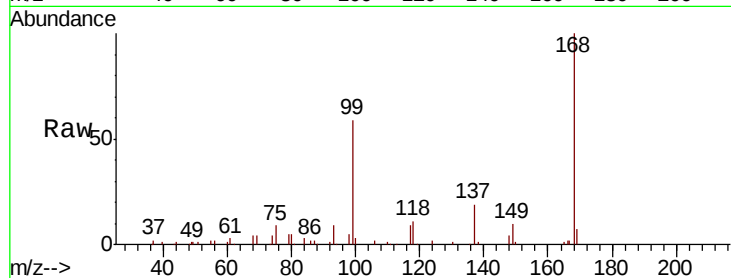
HC-SOIL

Tgt Ion:168 Resp: 42998

Ion Ratio Lower Upper

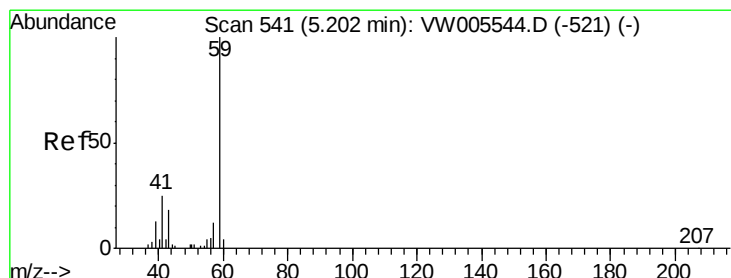
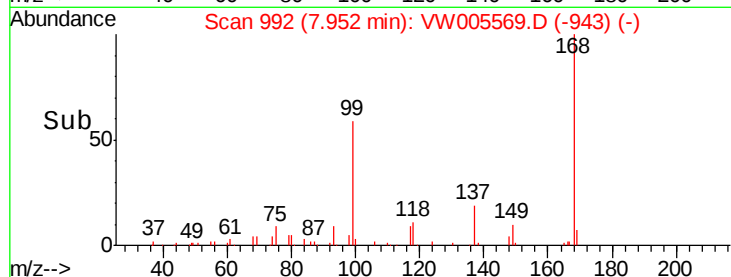
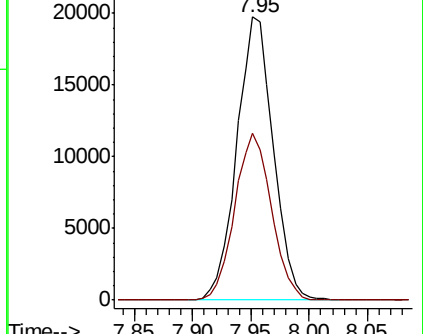
168 100

99 58.9 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 3.280 ug/l

RT: 5.19 min Scan# 539

Delta R.T. -0.01 min

Lab File: VW005569.D

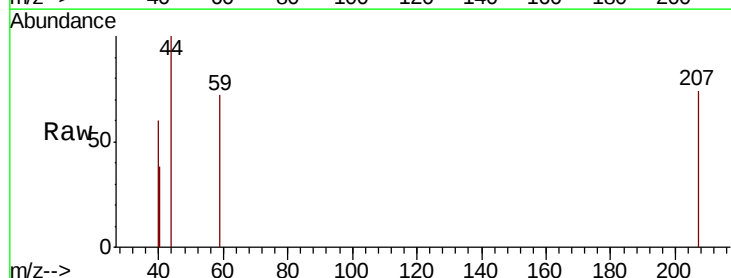
Acq: 21 Sep 2018 19:07

Tgt Ion: 59 Resp: 147

Ion Ratio Lower Upper

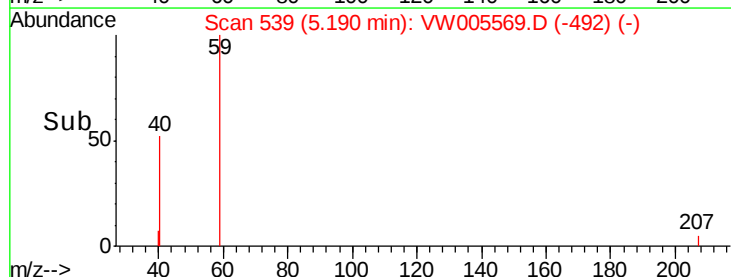
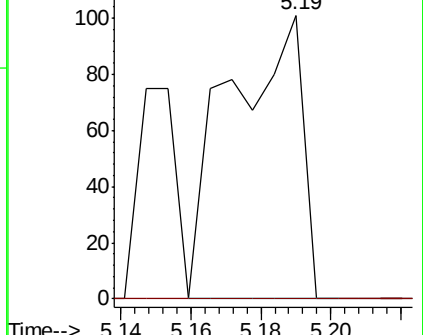
59 100

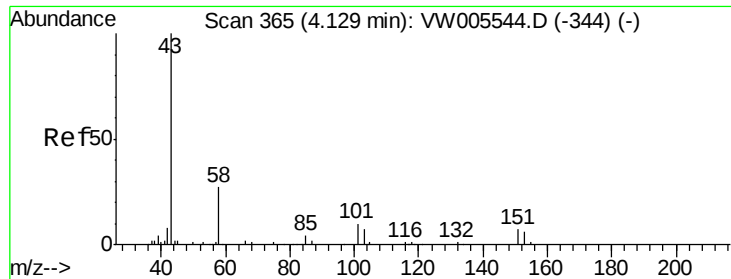
57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

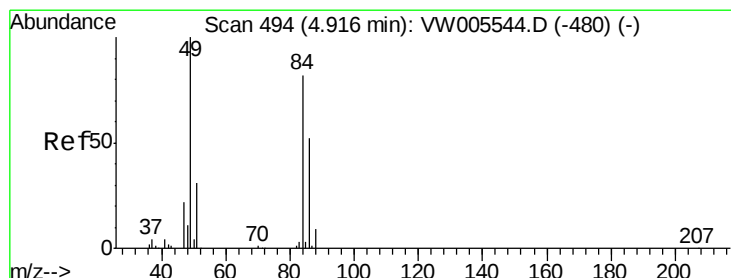
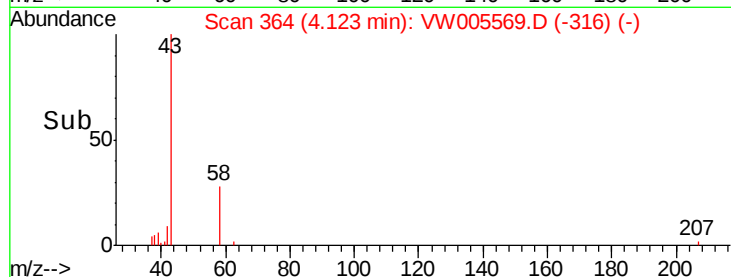
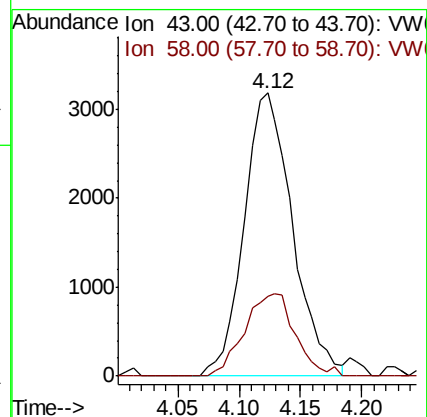
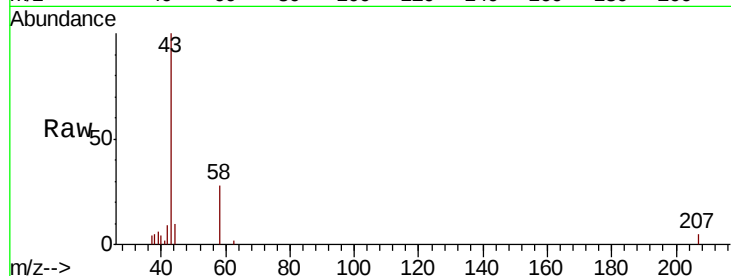




#16
Acetone
Concen: 104.486 ug/l
RT: 4.12 min Scan# 364
Delta R.T. -0.01 min
Lab File: VW005569.D
Acq: 21 Sep 2018 19:07

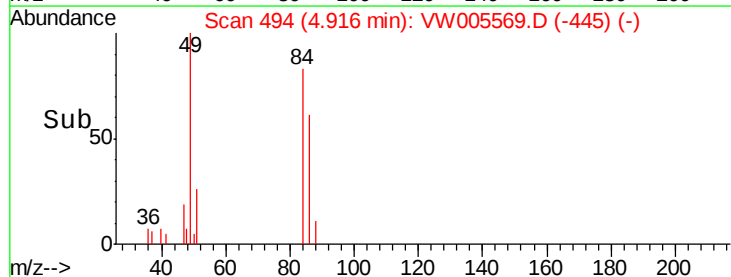
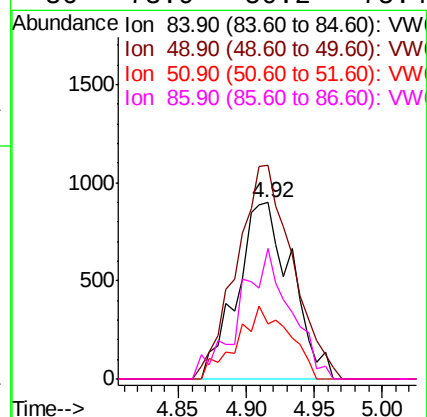
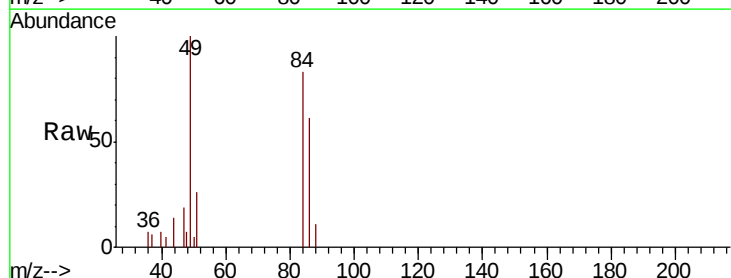
Instrument :
MSVOA_W
ClientSampleId :
HC-SOIL

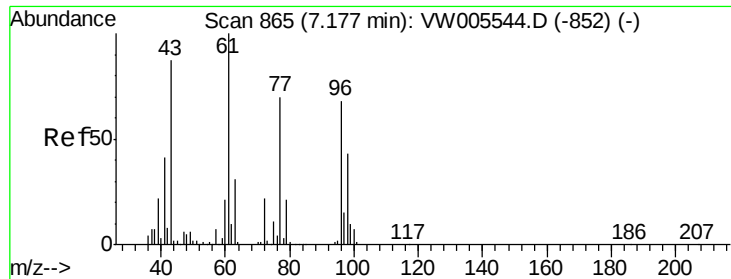
Tgt Ion: 43 Resp: 8758
Ion Ratio Lower Upper
43 100
58 28.2 21.8 32.8



#20
Methylene Chloride
Concen: 1.789 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW005569.D
Acq: 21 Sep 2018 19:07

Tgt Ion: 84 Resp: 2514
Ion Ratio Lower Upper
84 100
49 121.1 97.0 145.6
51 31.3 30.2 45.2
86 73.9 50.2 75.4





#25

2-Butanone

Concen: 2.463 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: VW005569.D

Acq: 21 Sep 2018 19:07

Instrument :

MSVOA_W

ClientSampleId :

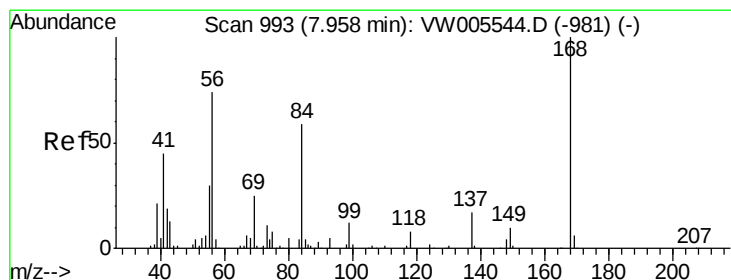
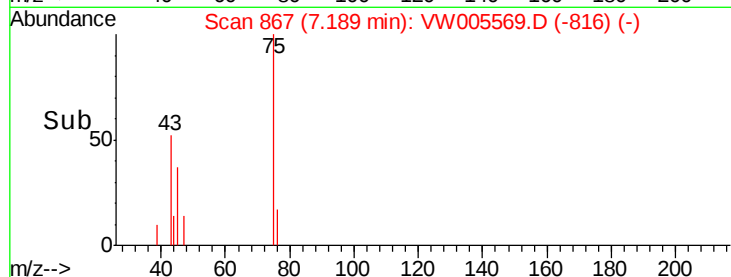
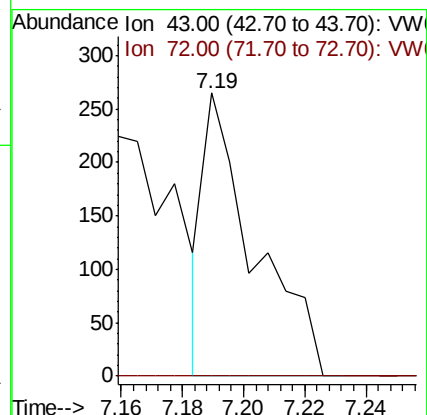
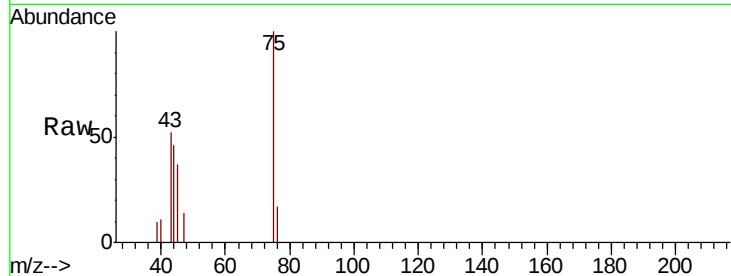
HC-SOIL

Tgt Ion: 43 Resp: 303

Ion Ratio Lower Upper

43 100

72 0.0 19.9 29.9#



#31

Cyclohexane

Concen: 1.473 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005569.D

Acq: 21 Sep 2018 19:07

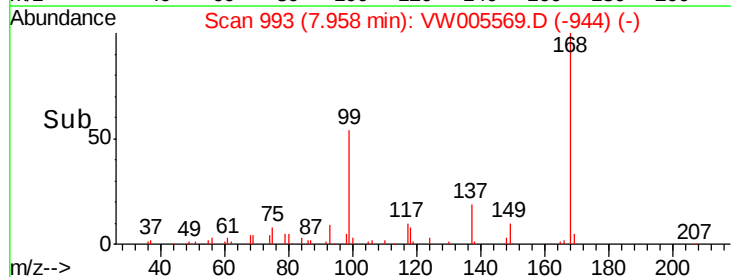
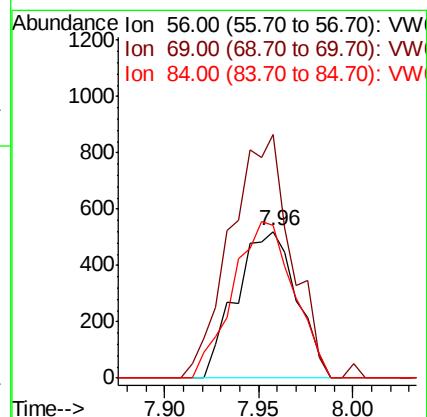
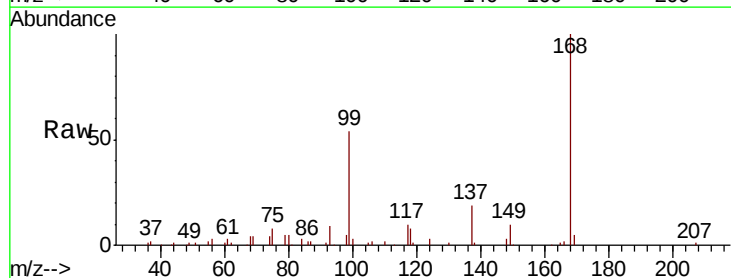
Tgt Ion: 56 Resp: 1157

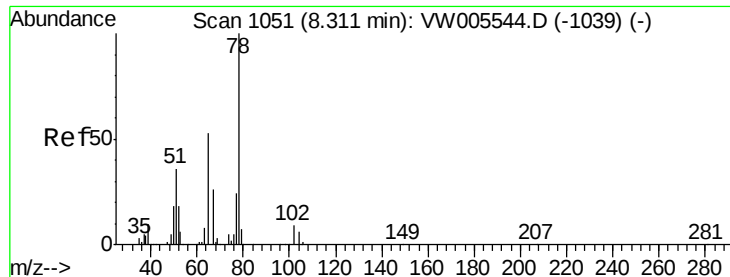
Ion Ratio Lower Upper

56 100

69 166.0 27.0 40.4#

84 104.2 64.2 96.4#

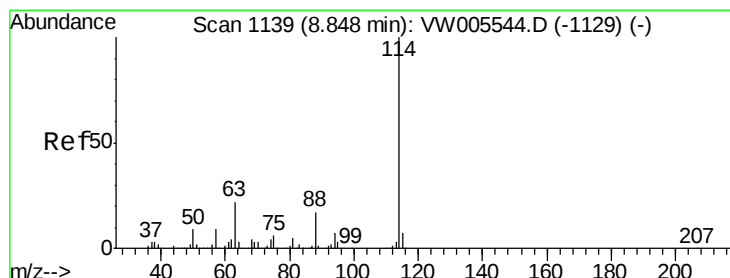
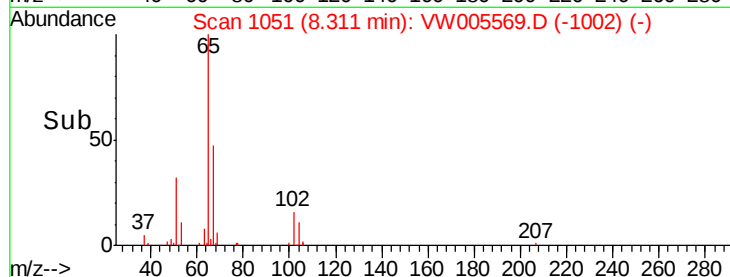
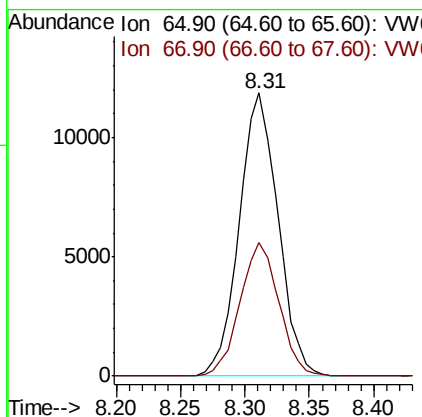
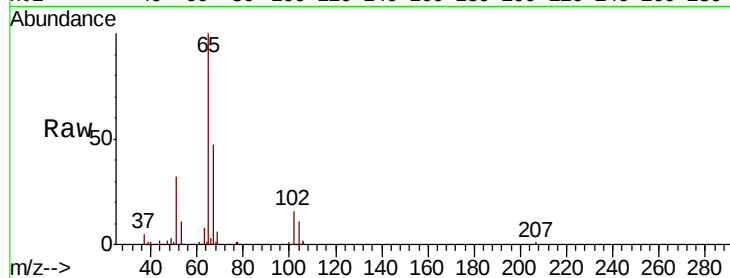




#33
 1,2-Dichloroethane-d4
 Concen: 48.811 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005569.D
 Acq: 21 Sep 2018 19:07

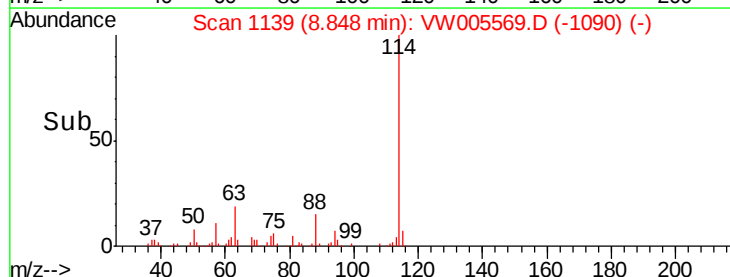
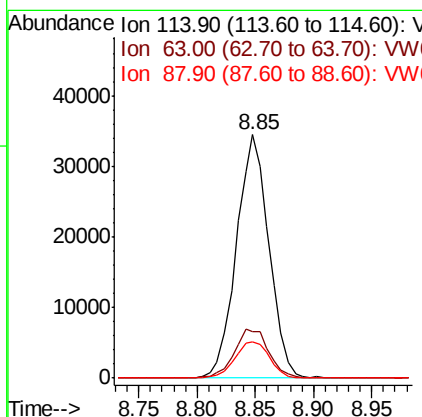
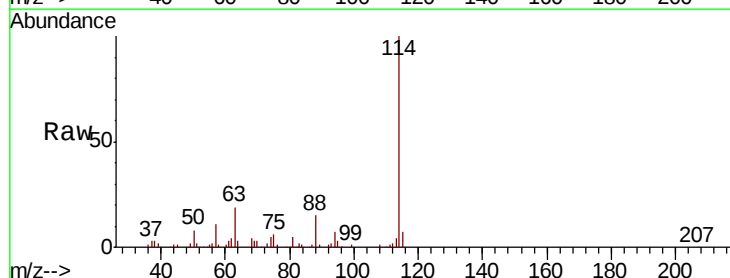
Instrument :
 MSVOA_W
 ClientSampled :
 HC-SOIL

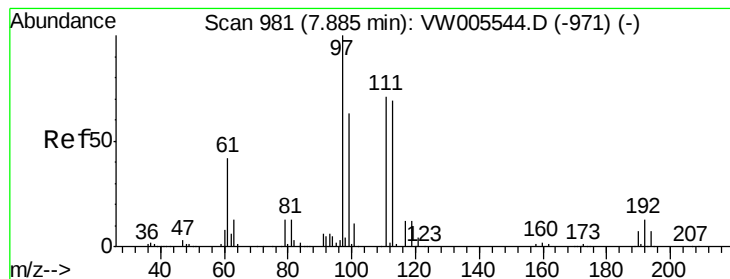
Tgt Ion: 65 Resp: 24725
 Ion Ratio Lower Upper
 65 100
 67 47.3 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005569.D
 Acq: 21 Sep 2018 19:07

Tgt Ion: 114 Resp: 66762
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 43.0
 88 15.0 0.0 33.0





#35

Dibromofluoromethane

Concen: 44.188 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW005569.D

Acq: 21 Sep 2018 19:07

Instrument :

MSVOA_W

ClientSampled :

HC-SOIL

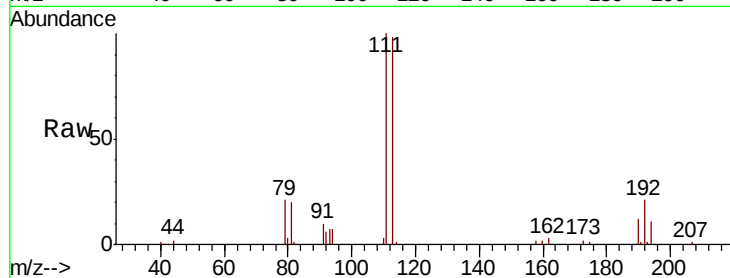
Tgt Ion:113 Resp: 18552

Ion Ratio Lower Upper

113 100

111 100.2 82.6 123.8

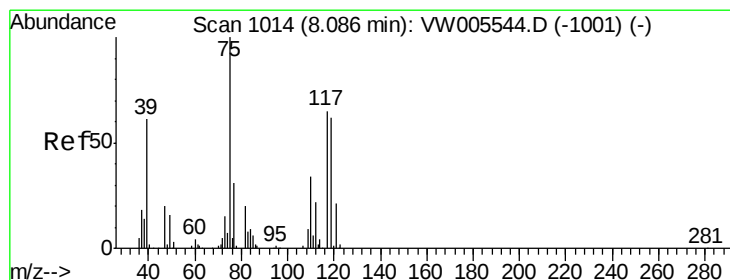
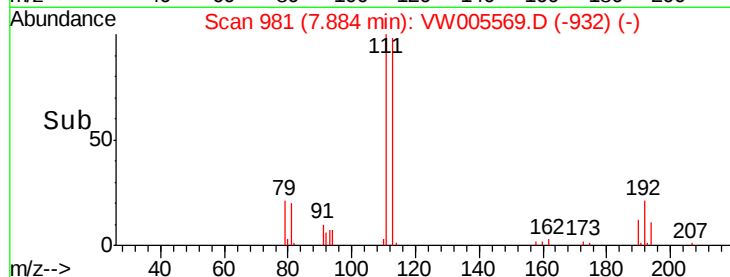
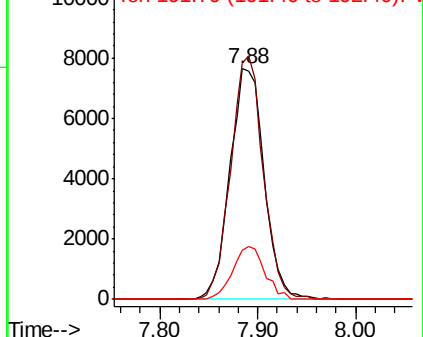
192 21.5 17.0 25.4



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: 5.306 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW005569.D

Acq: 21 Sep 2018 19:07

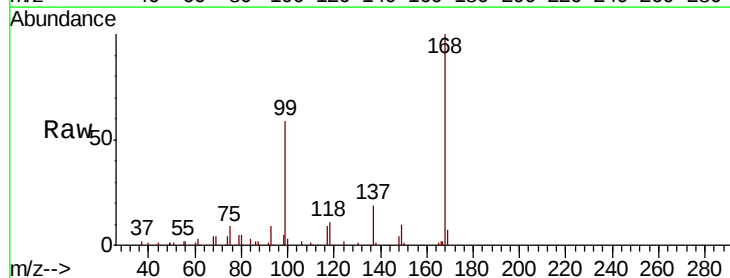
Tgt Ion: 75 Resp: 3566

Ion Ratio Lower Upper

75 100

110 9.6 17.0 50.9#

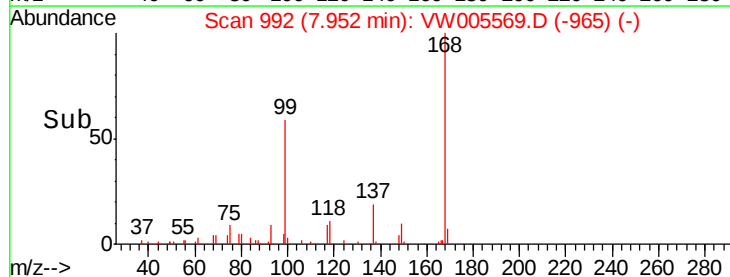
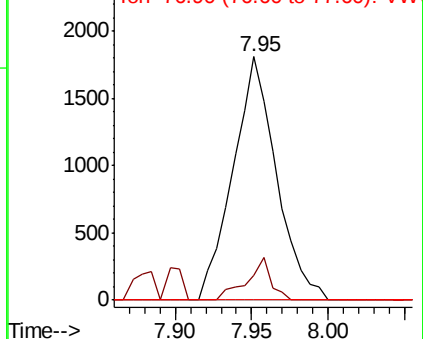
77 0.0 24.8 37.2#

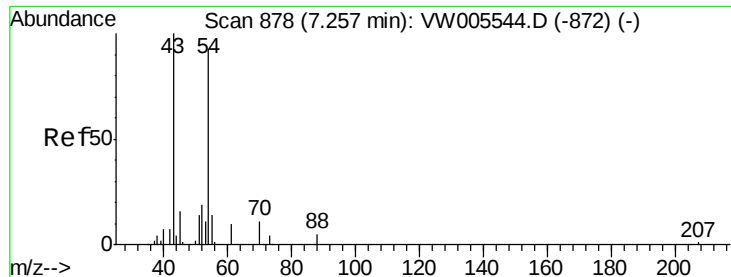


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

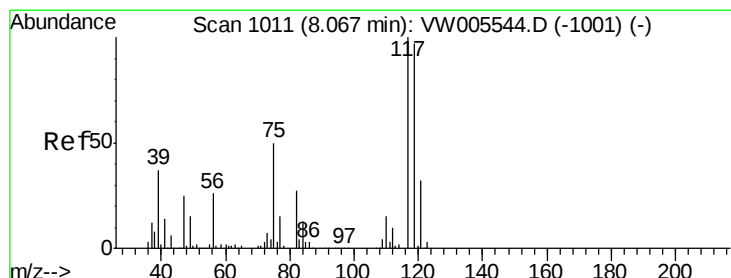
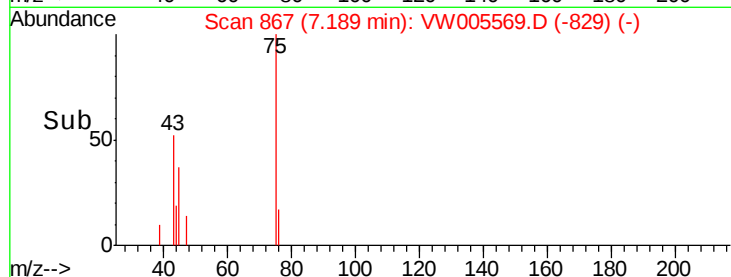
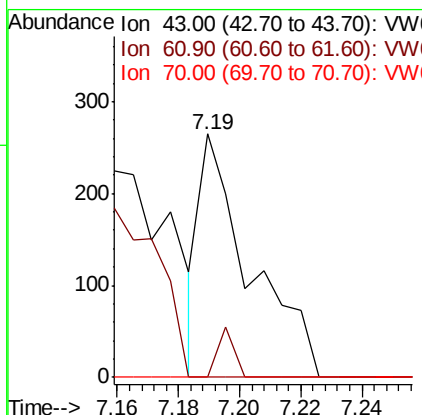
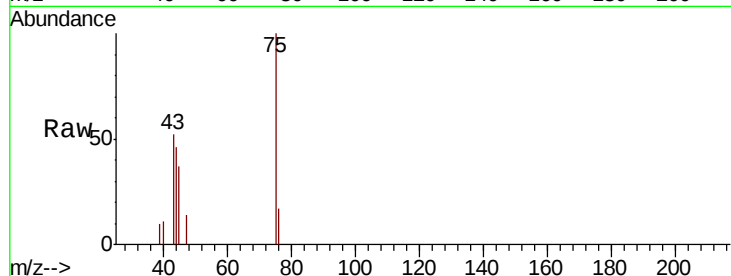




#37
 Ethyl Acetate
 Concen: 1.071 ug/l
 RT: 7.19 min Scan# 867
 Delta R.T. -0.07 min
 Lab File: VW005569.D
 Acq: 21 Sep 2018 19:07

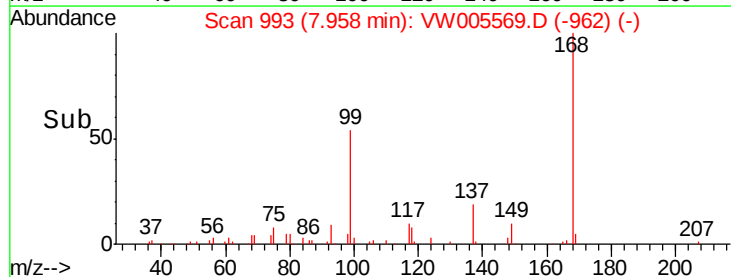
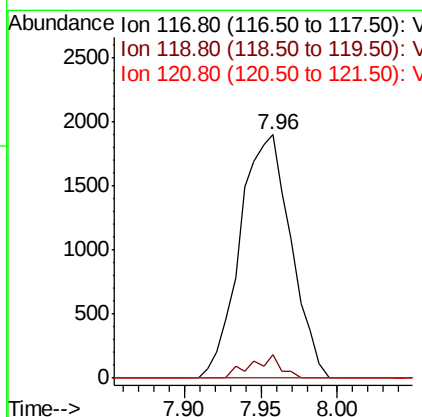
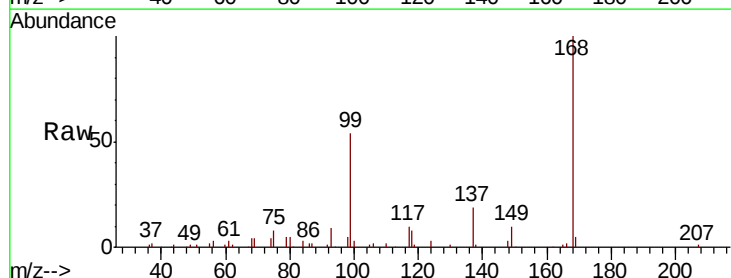
Instrument :
 MSVOA_W
 ClientSampled :
 HC-SOIL

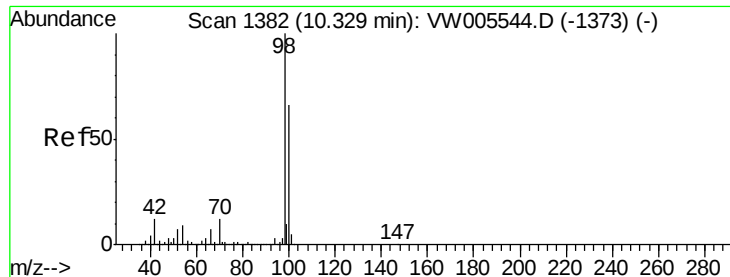
Tgt Ion: 43 Resp: 303
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.4 15.6#
 70 0.0 8.2 12.2#



#38
 Carbon Tetrachloride
 Concen: 6.108 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.11 min
 Lab File: VW005569.D
 Acq: 21 Sep 2018 19:07

Tgt Ion: 117 Resp: 4399
 Ion Ratio Lower Upper
 117 100
 119 9.5 77.6 116.4#
 121 0.0 25.7 38.5#





#50

Toluene-d8

Concen: 34.852 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005569.D

Acq: 21 Sep 2018 19:07

Instrument :

MSVOA_W

ClientSampleId :

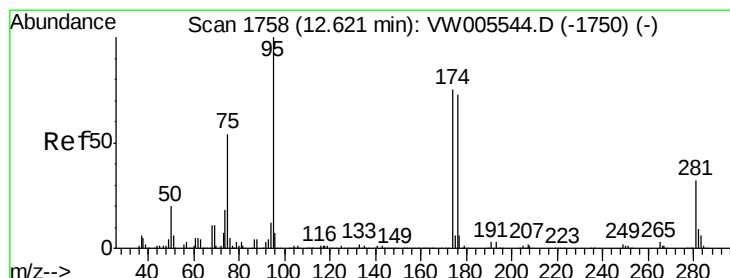
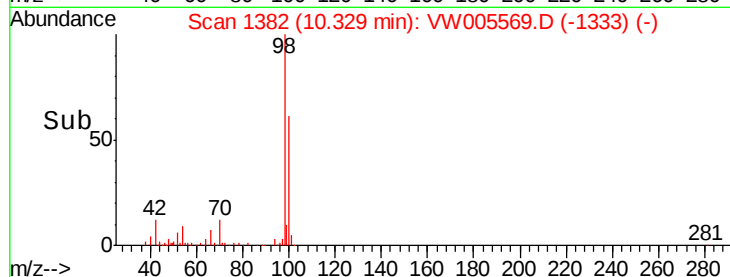
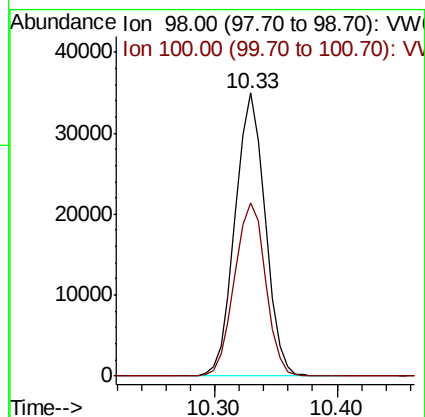
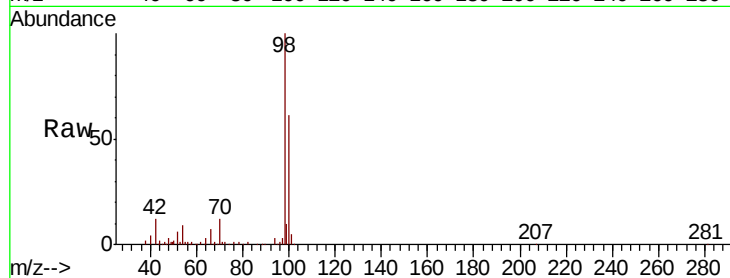
HC-SOIL

Tgt Ion: 98 Resp: 59579

Ion Ratio Lower Upper

98 100

100 63.3 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 31.898 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005569.D

Acq: 21 Sep 2018 19:07

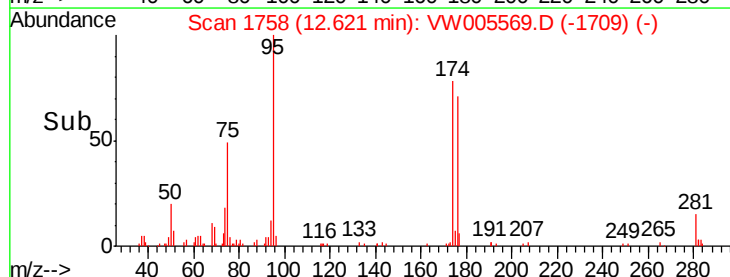
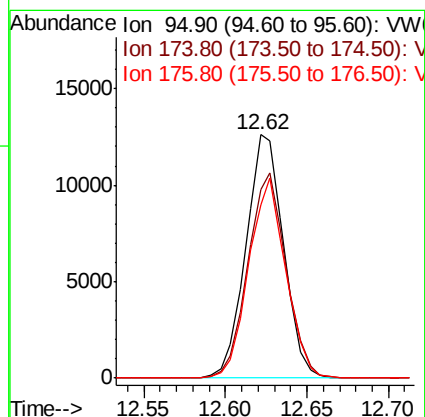
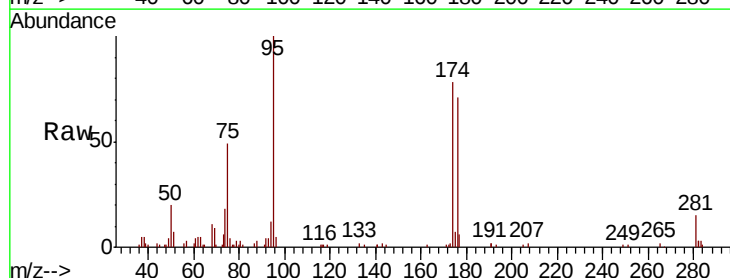
Tgt Ion: 95 Resp: 20177

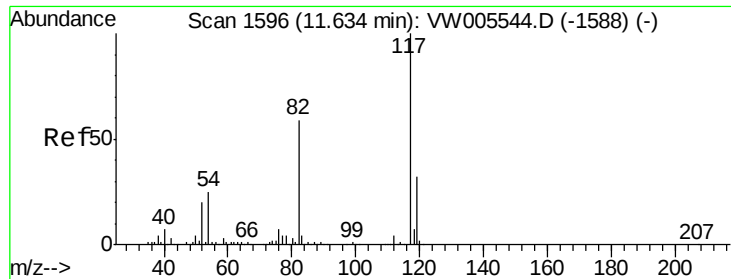
Ion Ratio Lower Upper

95 100

174 85.6 0.0 163.8

176 80.9 0.0 158.0

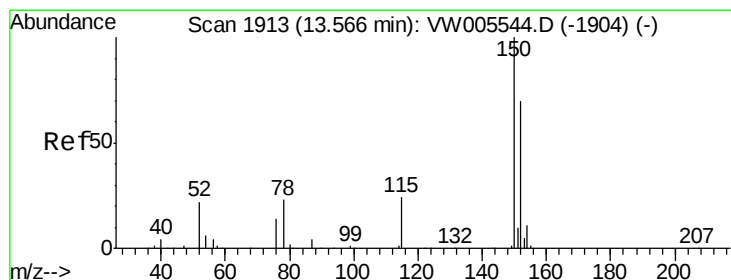
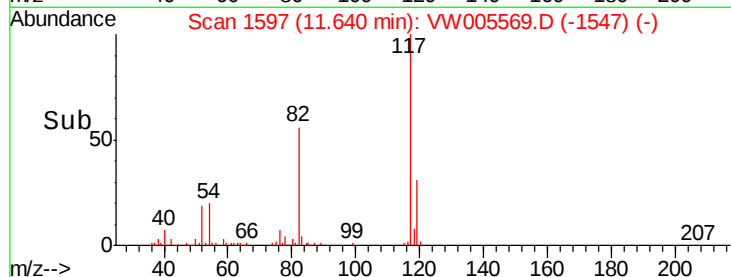
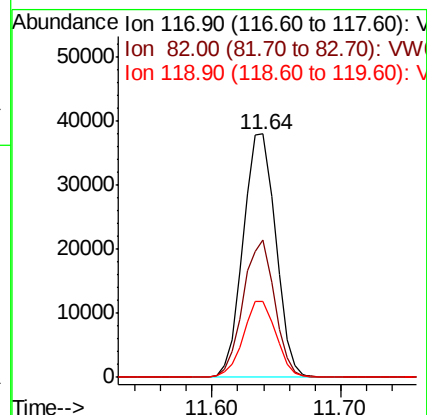
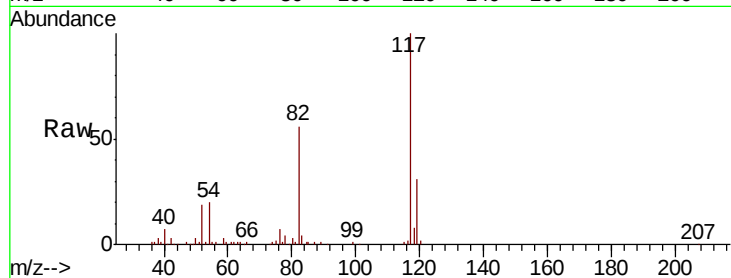




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.01 min
Lab File: VW005569.D
Acq: 21 Sep 2018 19:07

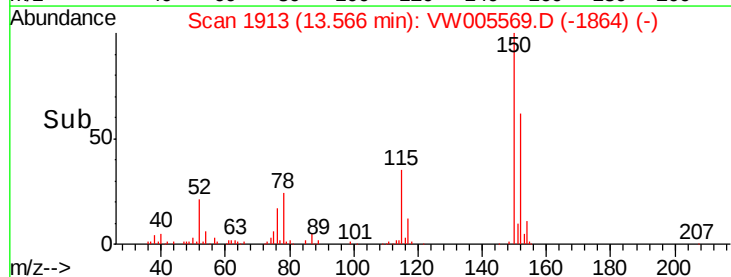
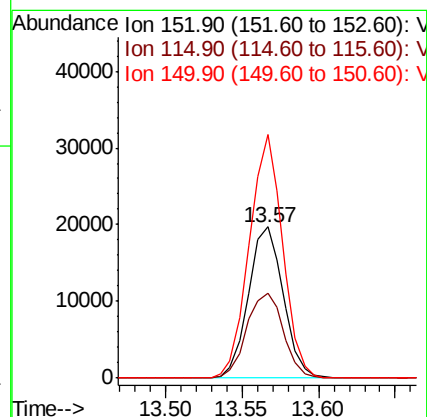
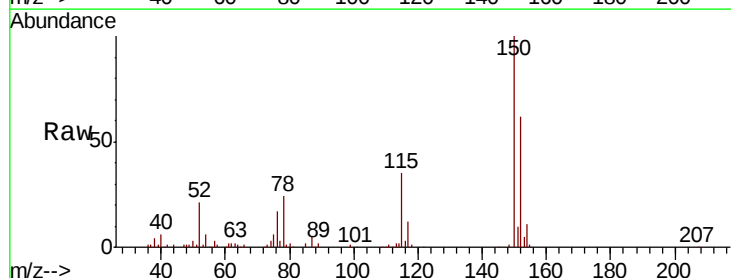
Instrument :
MSVOA_W
ClientSampleId :
HC-SOIL

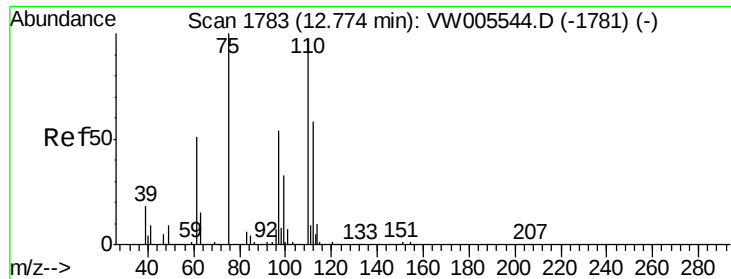
Tgt Ion:117 Resp: 66413
Ion Ratio Lower Upper
117 100
82 56.3 46.9 70.3
119 31.0 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005569.D
Acq: 21 Sep 2018 19:07

Tgt Ion:152 Resp: 31274
Ion Ratio Lower Upper
152 100
115 58.9 30.0 90.0
150 153.2 0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 39.278 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW005569.D

Acq: 21 Sep 2018 19:07

Instrument :

MSVOA_W

ClientSampled :

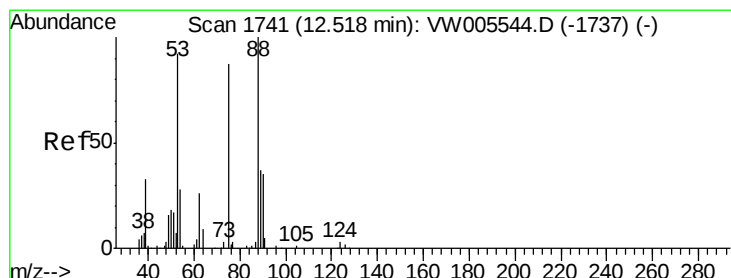
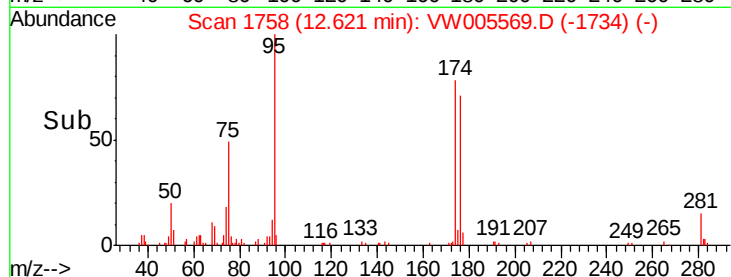
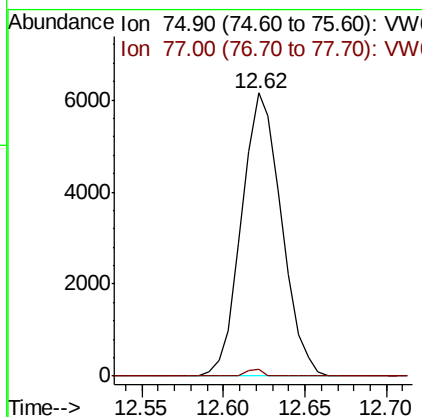
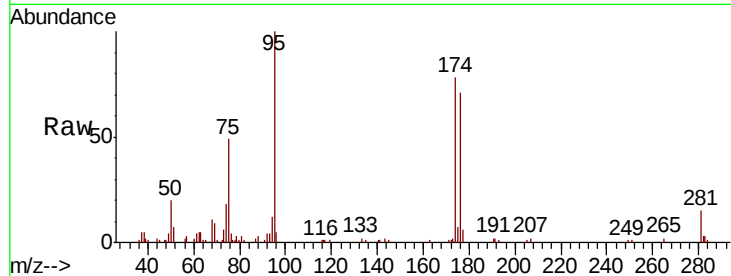
HC-SOIL

Tgt Ion: 75 Resp: 10471

Ion Ratio Lower Upper

75 100

77 0.9 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 88.465 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005569.D

Acq: 21 Sep 2018 19:07

Tgt Ion: 75 Resp: 10471

Ion Ratio Lower Upper

75 100

53 0.2 85.8 128.6#

89 0.0 37.3 55.9#

