

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100618\
 Data File : VW005872.D
 Acq On : 05 Oct 2018 01:48
 Operator : SY/AP
 Sample : J5212-05RE
 Misc : 5.7G/5ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CG-SOIL-2RE

Quant Time: Oct 05 02:52:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100418S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 04 07:08:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	112793	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	196808	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	189969	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	80402	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	87375	63.85	ug/l	0.00
Spiked Amount						
Recovery						127.70%
35) Dibromofluoromethane	7.89	113	73256	56.79	ug/l	0.00
Spiked Amount						
Recovery						113.58%
50) Toluene-d8	10.33	98	249349	48.68	ug/l	0.00
Spiked Amount						
Recovery						97.36%
62) 4-Bromofluorobenzene	12.63	95	81061	42.82	ug/l	0.00
Spiked Amount						
Recovery						85.64%

Target Compounds

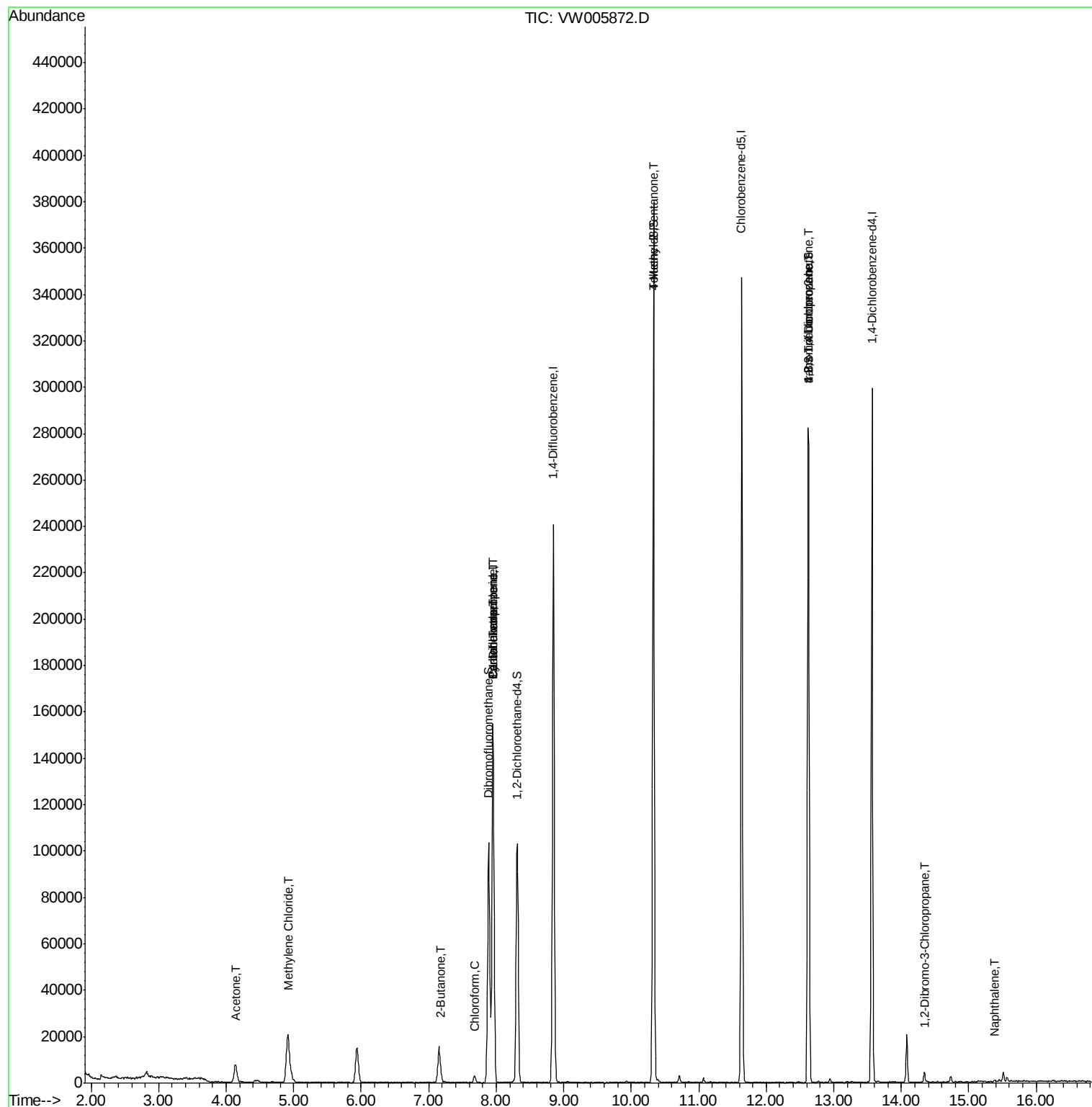
	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	14673	64.254	ug/l	95
20) Methylene Chloride	4.92	84	18954	8.890	ug/l	94
25) 2-Butanone	7.18	43	334	1.040	ug/l #	12
30) Chloroform	7.68	83	2375	1.012	ug/l	96
31) Cyclohexane	7.95	56	2483	1.327	ug/l #	13
36) 1,1-Dichloropropene	7.95	75	8637	4.415	ug/l #	51
38) Carbon Tetrachloride	7.95	117	11615	5.328	ug/l #	16
51) 4-Methyl-2-Pentanone	10.32	43	1115	1.332	ug/l #	1
76) 1,2,3-Trichloropropane	12.63	75	41485	56.774	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	41485	143.514	ug/l #	8
92) 1,2-Dibromo-3-Chloropropan	14.34	75	232	1.264	ug/l #	3
95) Naphthalene	15.38	128	536	2.263	ug/l #	74

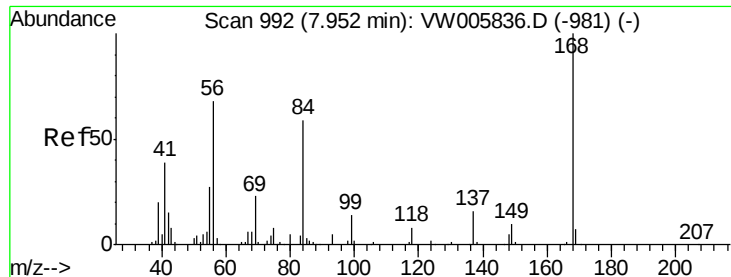
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW100618\
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Quant Time: Oct 05 02:52:57 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W100418S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 04 07:08:57 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: VW005872.D

Acq: 05 Oct 2018 01:48

Instrument :

MSVOA_W

ClientSampleId :

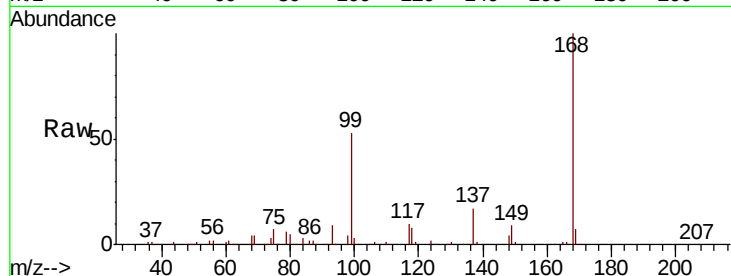
CG-SOIL-2RE

Tgt Ion:168 Resp: 112793

Ion Ratio Lower Upper

168 100

99 52.5 45.4 68.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

30000

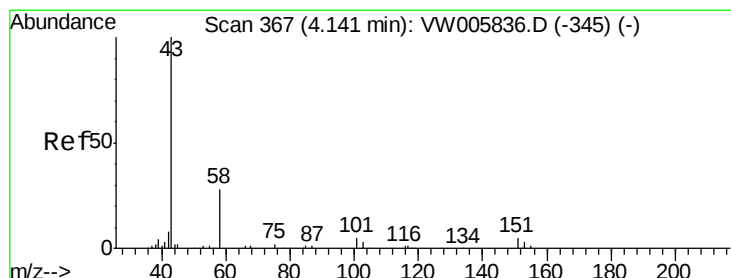
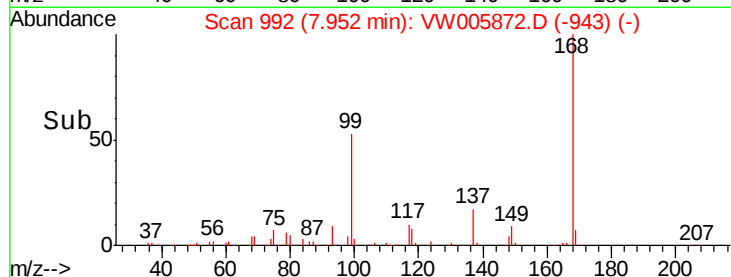
20000

10000

0

Time-->

7.90 8.00



#16

Acetone

Concen: 64.254 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.00 min

Lab File: VW005872.D

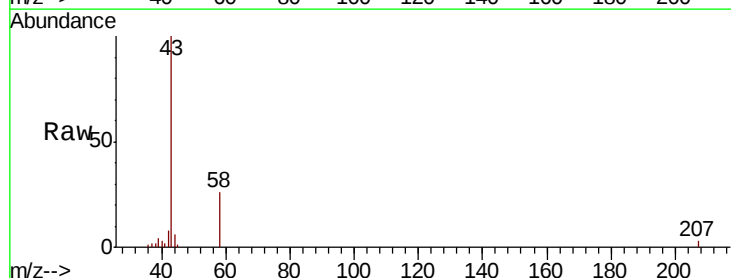
Acq: 05 Oct 2018 01:48

Tgt Ion: 43 Resp: 14673

Ion Ratio Lower Upper

43 100

58 26.1 23.0 34.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

5000

4000

3000

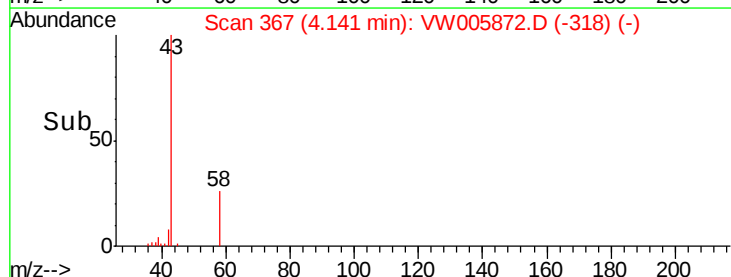
2000

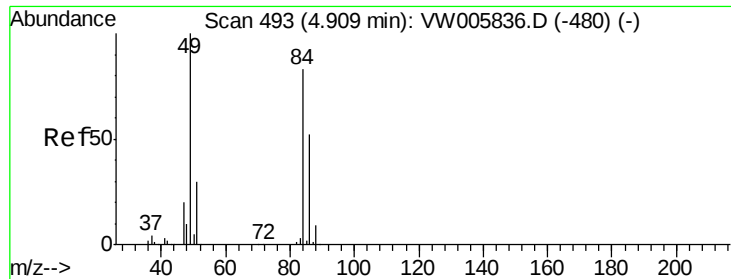
1000

0

Time-->

4.00 4.10 4.20

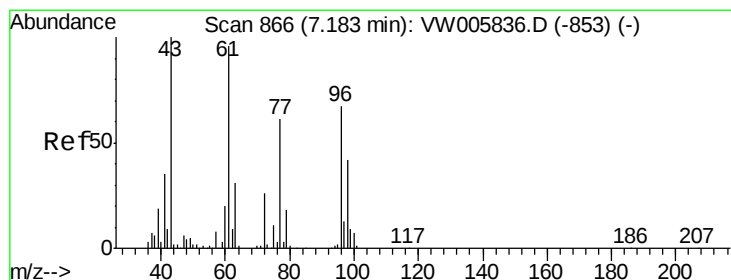
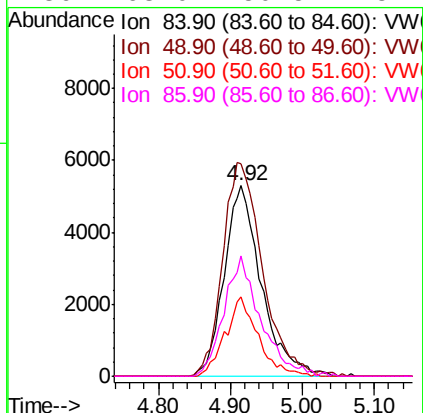
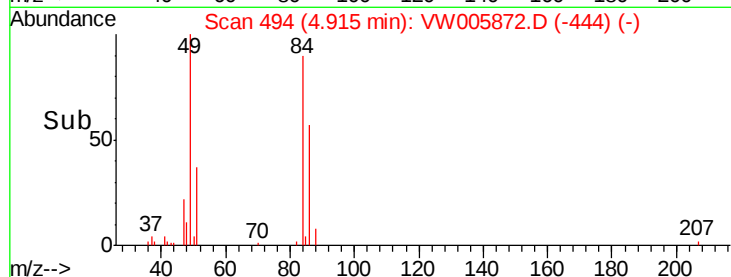
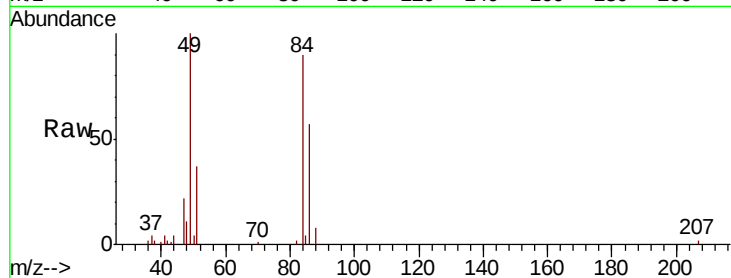




#20
Methylene Chloride
Concen: 8.890 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW005872.D
Acq: 05 Oct 2018 01:48

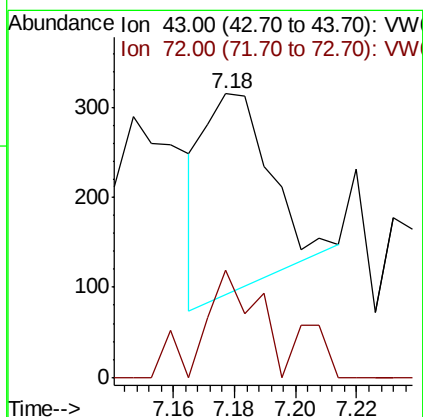
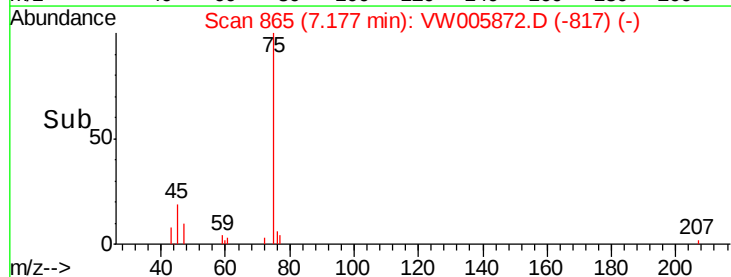
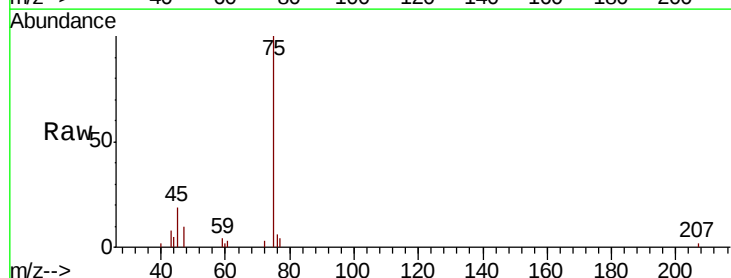
Instrument :
MSVOA_W
ClientSampled :
CG-SOIL-2RE

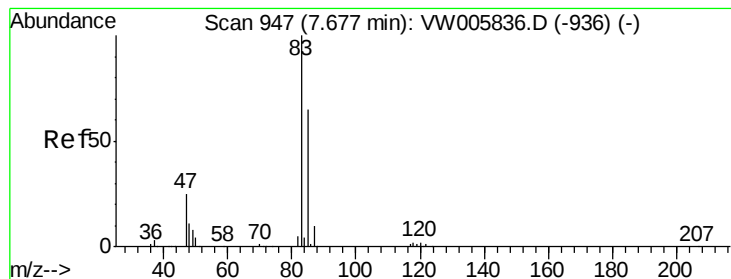
Tgt Ion: 84 Resp: 18954
Ion Ratio Lower Upper
84 100
49 111.4 96.8 145.2
51 41.4 28.8 43.2
86 63.0 50.5 75.7



#25
2-Butanone
Concen: 1.040 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.01 min
Lab File: VW005872.D
Acq: 05 Oct 2018 01:48

Tgt Ion: 43 Resp: 334
Ion Ratio Lower Upper
43 100
72 71.3 20.9 31.3#





#30

Chloroform

Concen: 1.012 ug/l

RT: 7.68 min Scan# 947

Delta R.T. -0.00 min

Lab File: VW005872.D

Acq: 05 Oct 2018 01:48

Instrument :

MSVOA_W

ClientSampleId :

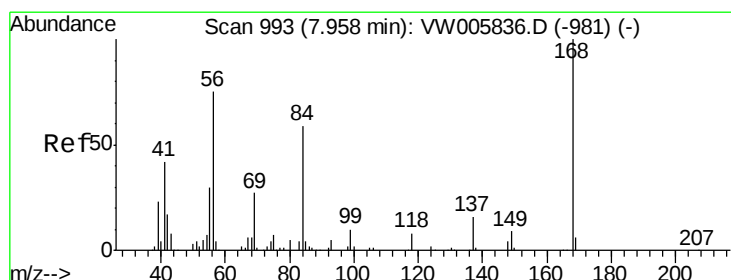
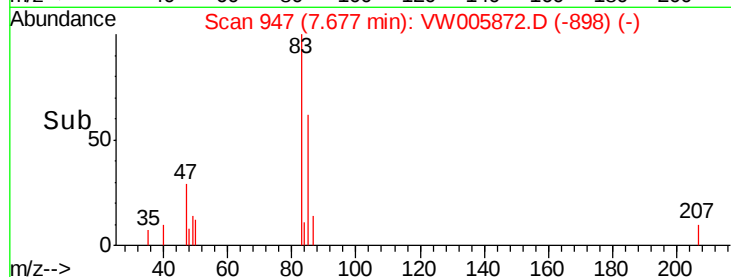
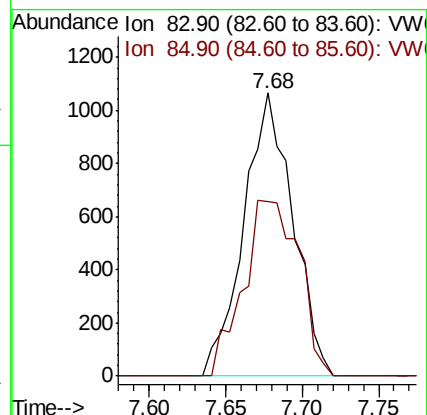
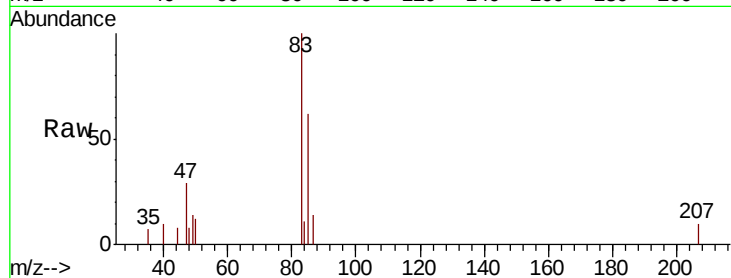
CG-SOIL-2RE

Tgt Ion: 83 Resp: 2375

Ion Ratio Lower Upper

83 100

85 61.5 51.6 77.4



#31

Cyclohexane

Concen: 1.327 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW005872.D

Acq: 05 Oct 2018 01:48

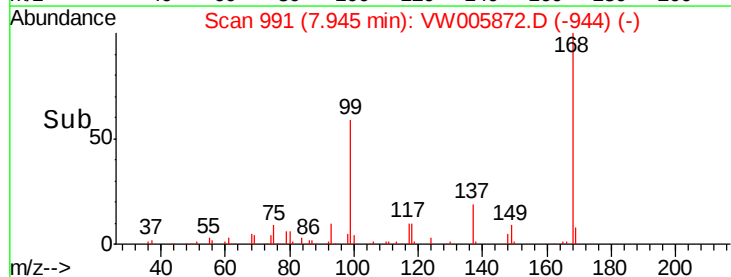
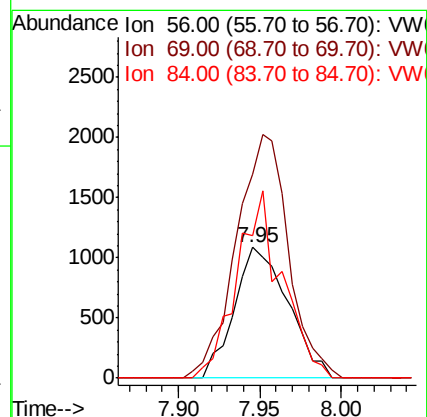
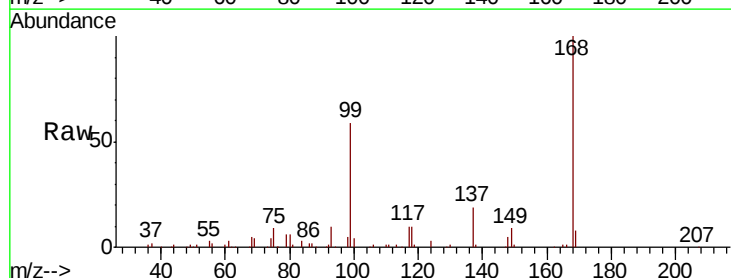
Tgt Ion: 56 Resp: 2483

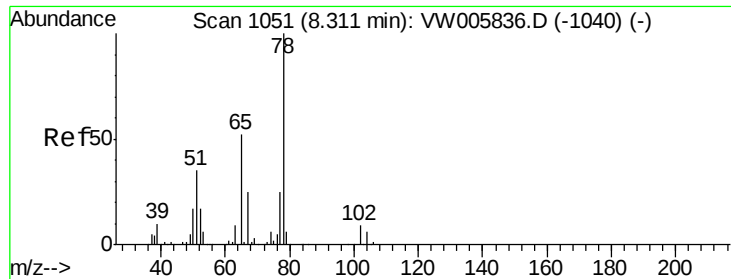
Ion Ratio Lower Upper

56 100

69 155.9 29.0 43.4#

84 108.8 63.5 95.3#





#33

1,2-Dichloroethane-d4

Concen: 63.854 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005872.D

Acq: 05 Oct 2018 01:48

Instrument :

MSVOA_W

ClientSampled :

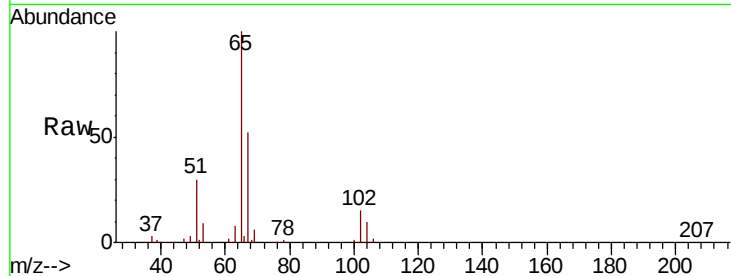
CG-SOIL-2RE

Tgt Ion: 65 Resp: 87375

Ion Ratio Lower Upper

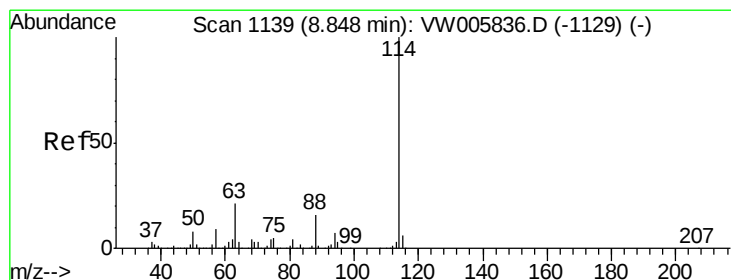
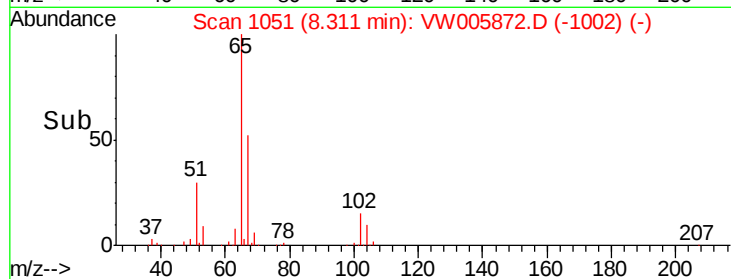
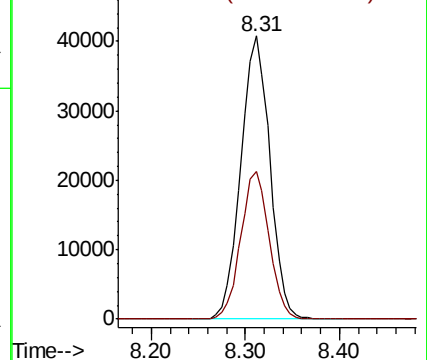
65 100

67 51.0 0.0 98.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW005872.D

Acq: 05 Oct 2018 01:48

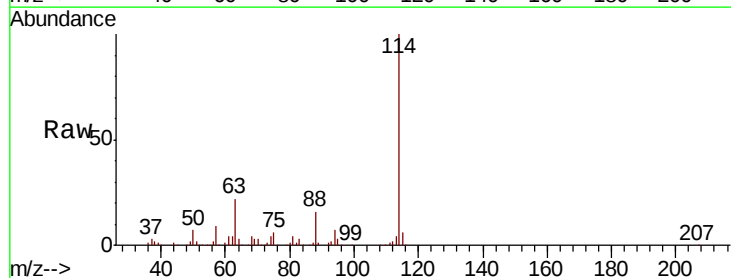
Tgt Ion: 114 Resp: 196808

Ion Ratio Lower Upper

114 100

63 22.3 0.0 42.0

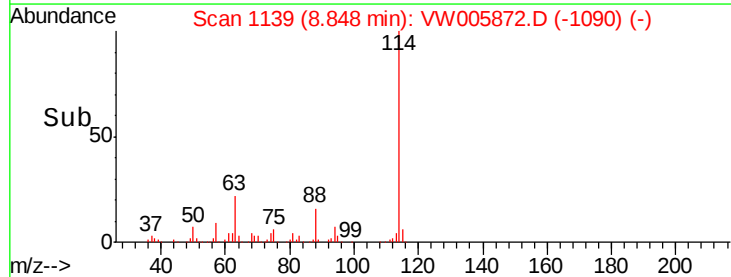
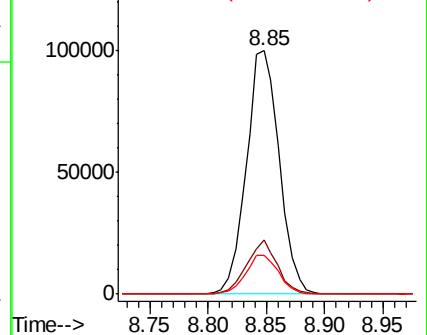
88 16.1 0.0 31.2

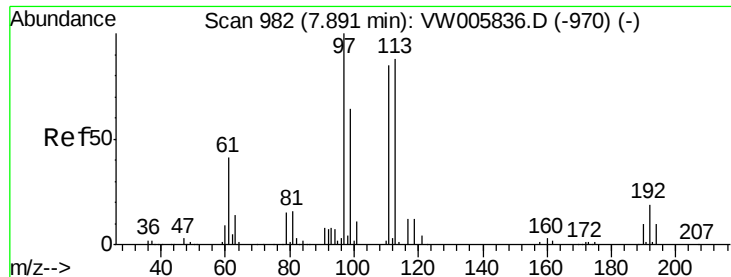


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 56.789 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW005872.D

Acq: 05 Oct 2018 01:48

Instrument :

MSVOA_W

ClientSampleId :

CG-SOIL-2RE

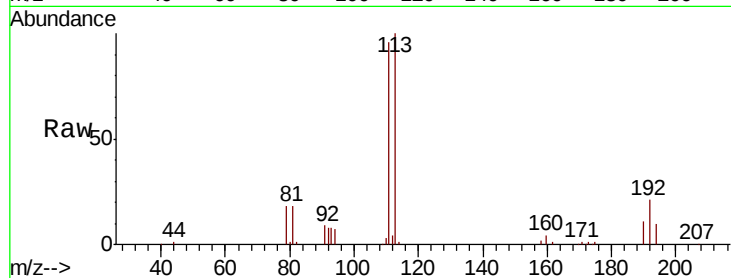
Tgt Ion:113 Resp: 73256

Ion Ratio Lower Upper

113 100

111 101.7 81.4 122.2

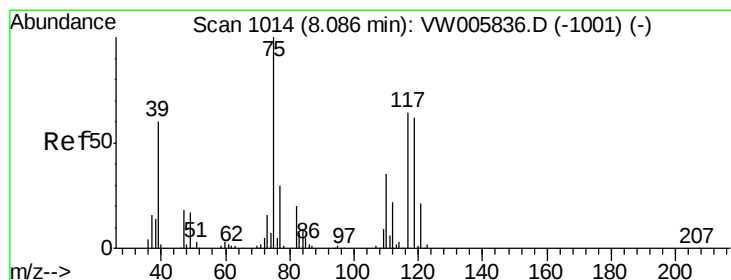
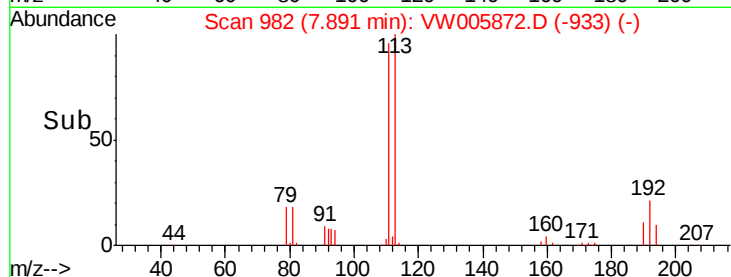
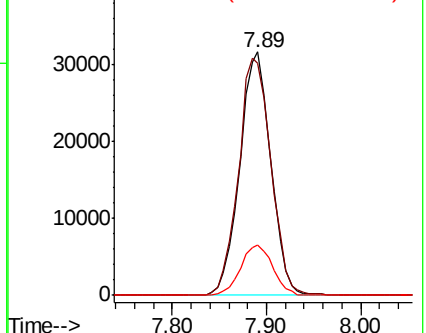
192 21.4 17.3 25.9



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: 4.415 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.14 min

Lab File: VW005872.D

Acq: 05 Oct 2018 01:48

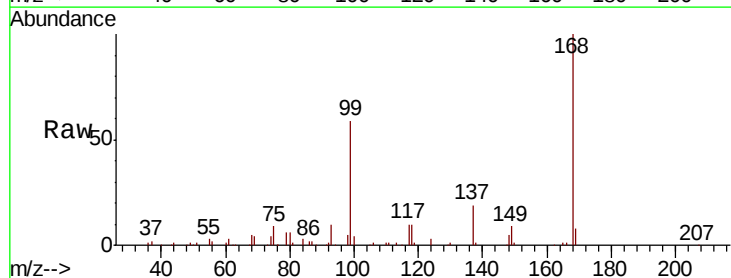
Tgt Ion: 75 Resp: 8637

Ion Ratio Lower Upper

75 100

110 10.0 17.5 52.6#

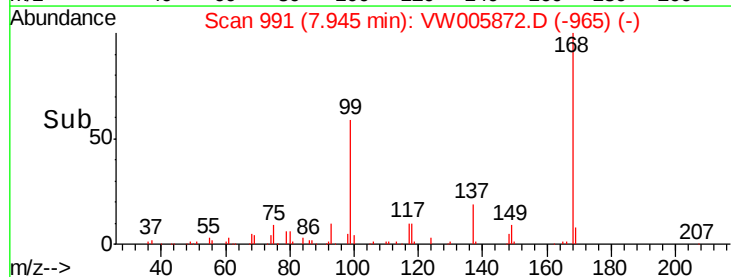
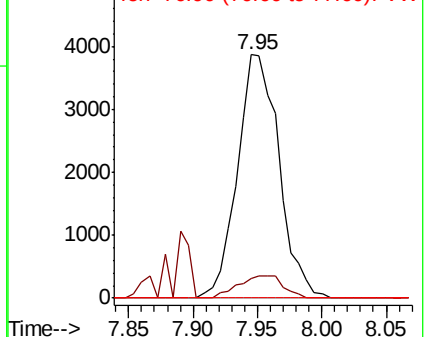
77 0.0 24.8 37.2#

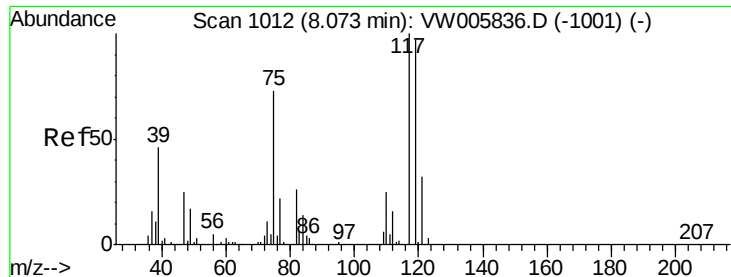


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

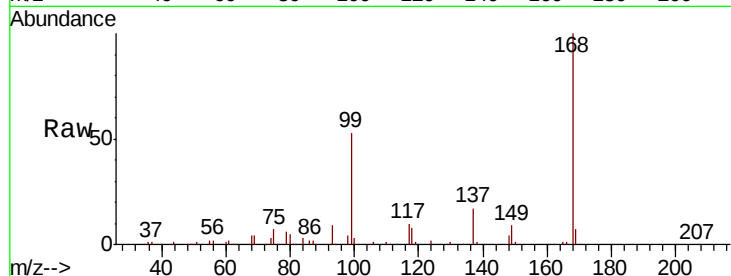




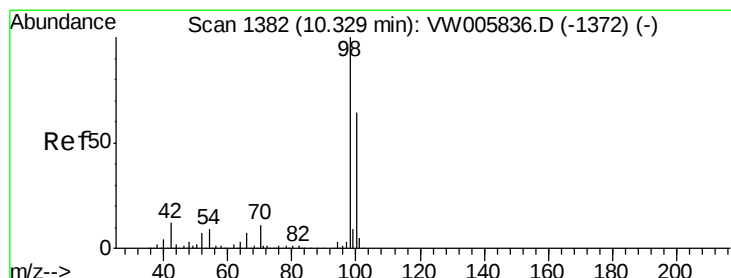
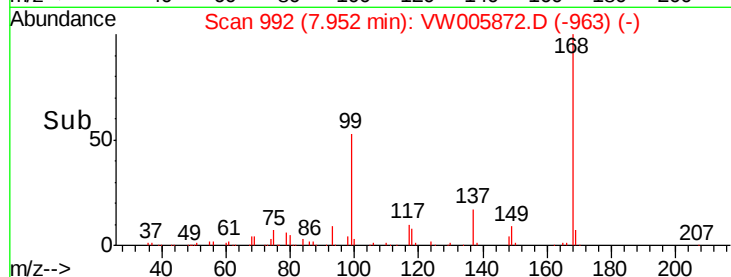
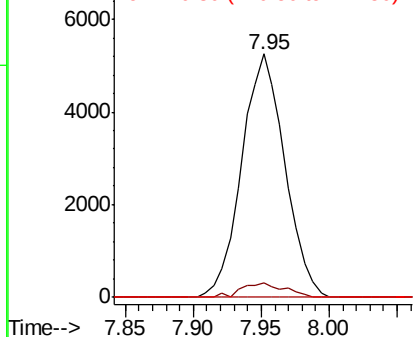
#38
Carbon Tetrachloride
Concen: 5.328 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW005872.D
Acq: 05 Oct 2018 01:48

Instrument :
MSVOA_W
ClientSampleId :
CG-SOIL-2RE

Tgt Ion: 117 Resp: 11615
Ion Ratio Lower Upper
117 100
119 5.7 77.9 116.9#
121 0.0 25.2 37.8#

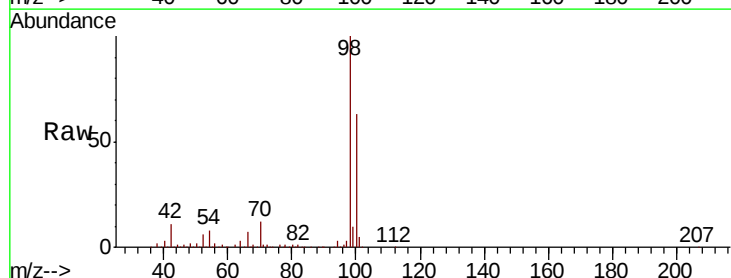


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

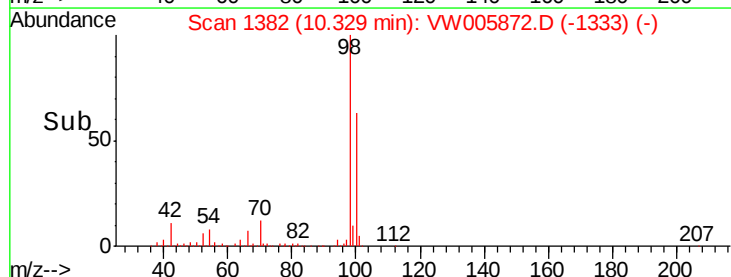
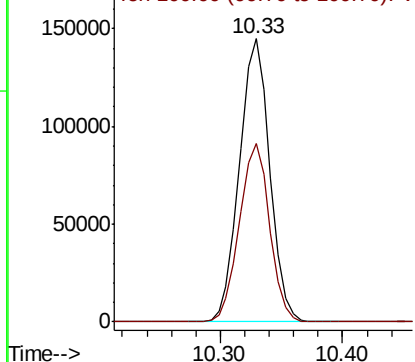


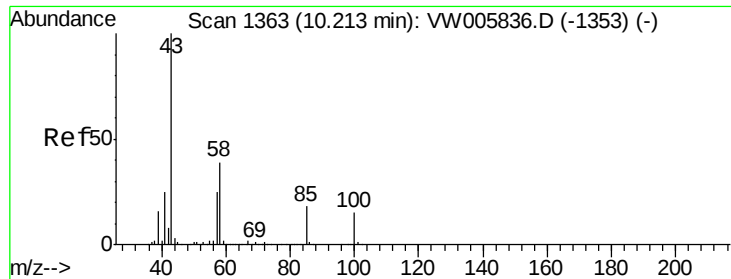
#50
Toluene-d8
Concen: 48.681 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005872.D
Acq: 05 Oct 2018 01:48

Tgt Ion: 98 Resp: 249349
Ion Ratio Lower Upper
98 100
100 62.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 1.332 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW005872.D

Acq: 05 Oct 2018 01:48

Instrument :

MSVOA_W

ClientSampleId :

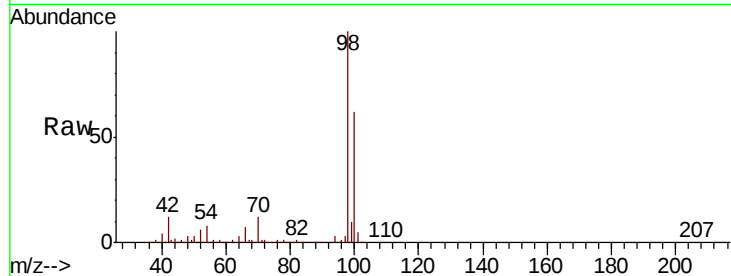
CG-SOIL-2RE

Tgt Ion: 43 Resp: 1115

Ion Ratio Lower Upper

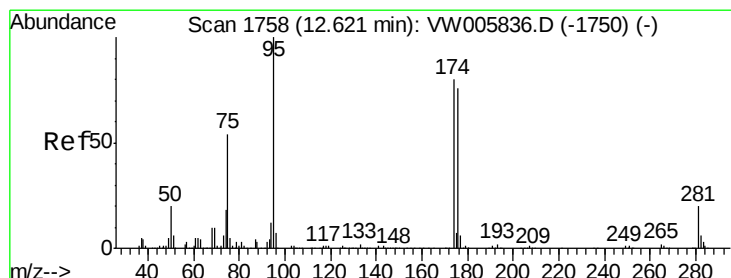
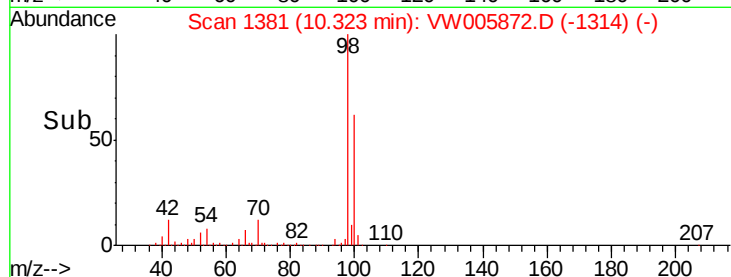
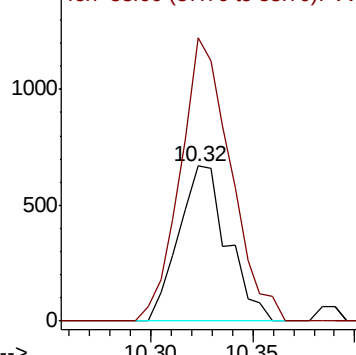
43 100

58 187.6 30.6 45.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#62

4-Bromofluorobenzene

Concen: 42.823 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005872.D

Acq: 05 Oct 2018 01:48

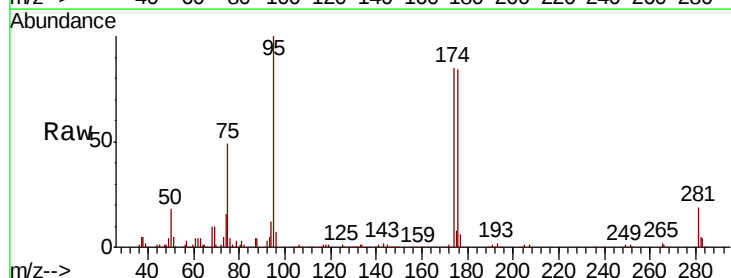
Tgt Ion: 95 Resp: 81061

Ion Ratio Lower Upper

95 100

174 85.6 0.0 169.0

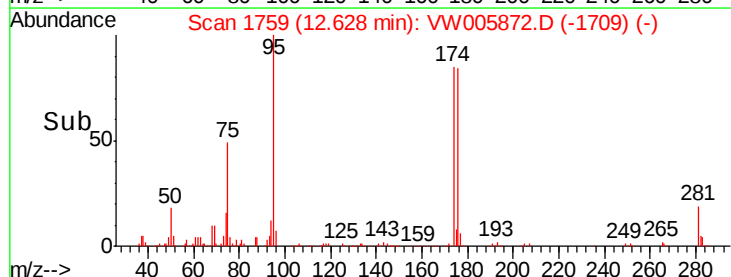
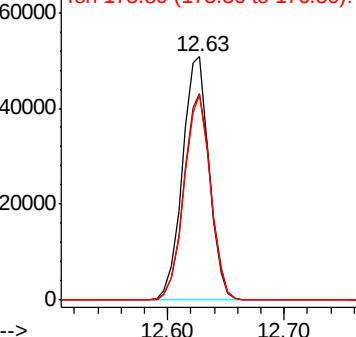
176 83.2 0.0 164.2

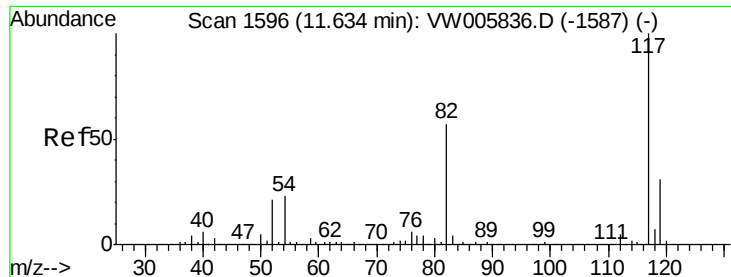


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

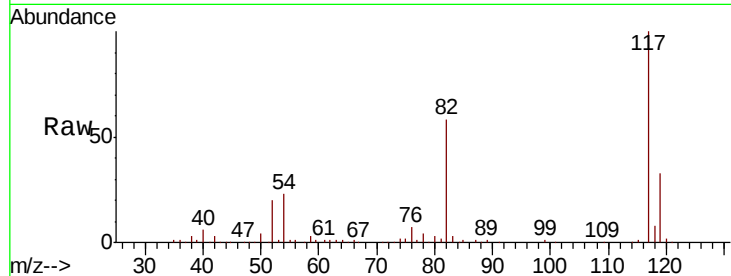




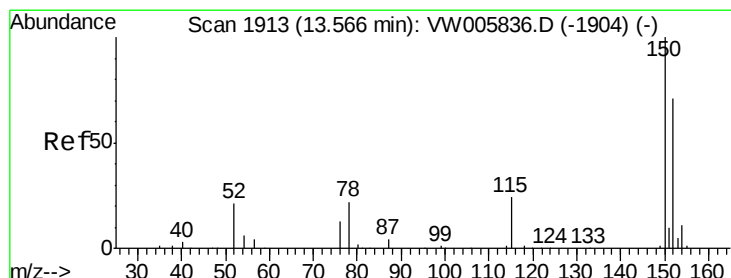
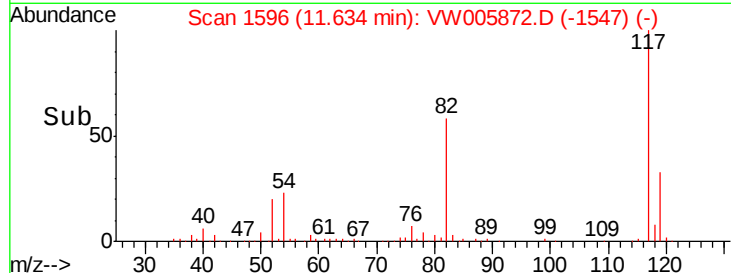
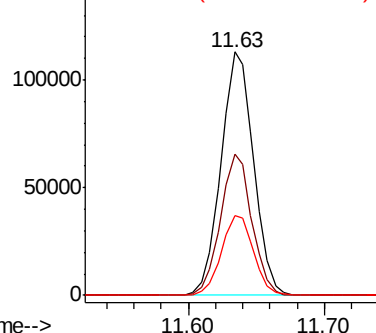
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005872.D
Acq: 05 Oct 2018 01:48

Instrument :
MSVOA_W
ClientSampleId :
CG-SOIL-2RE

Tgt Ion:117 Resp: 189969
Ion Ratio Lower Upper
117 100
82 58.3 45.6 68.4
119 32.5 25.0 37.6

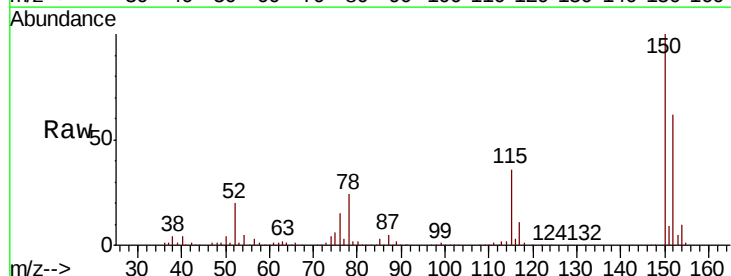


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

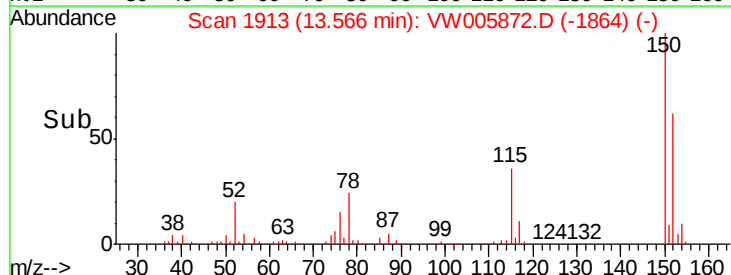
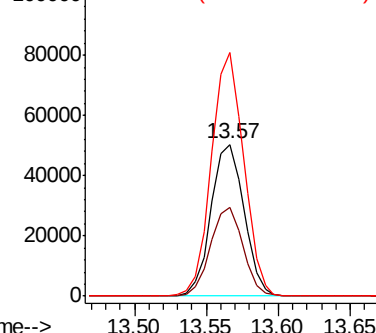


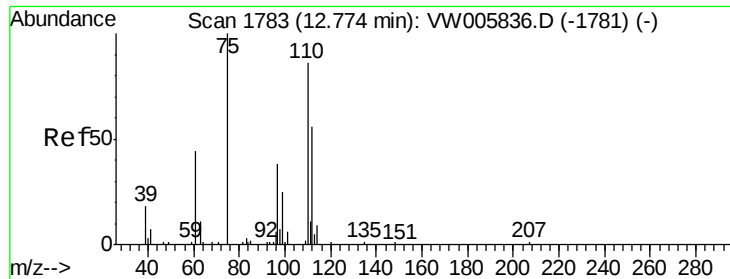
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005872.D
Acq: 05 Oct 2018 01:48

Tgt Ion:152 Resp: 80402
Ion Ratio Lower Upper
152 100
115 57.7 29.8 89.4
150 156.6 0.0 349.4



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

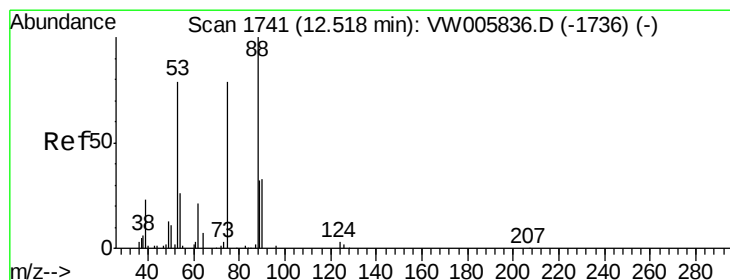
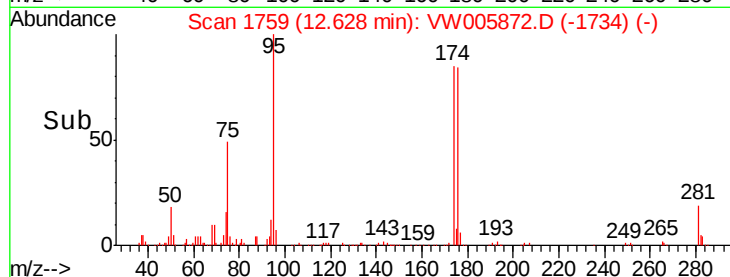
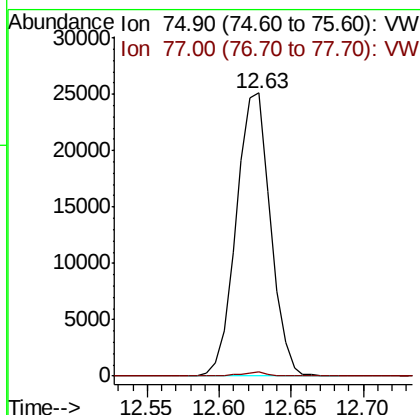
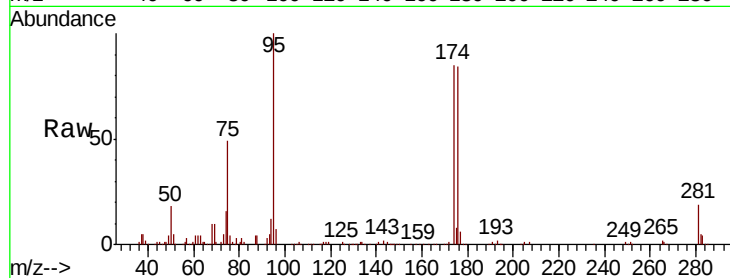




#76
 1,2,3-Trichloropropane
 Concen: 56.774 ug/l
 RT: 12.63 min Scan# 1759
 Delta R.T. -0.15 min
 Lab File: VW005872.D
 Acq: 05 Oct 2018 01:48

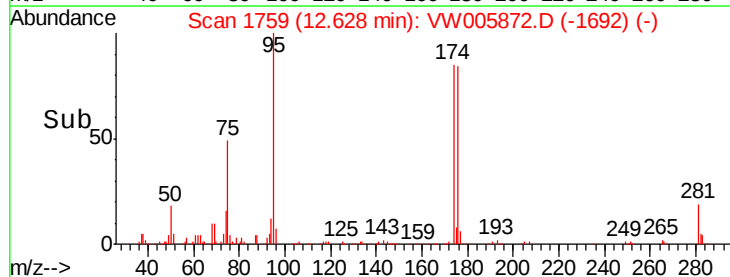
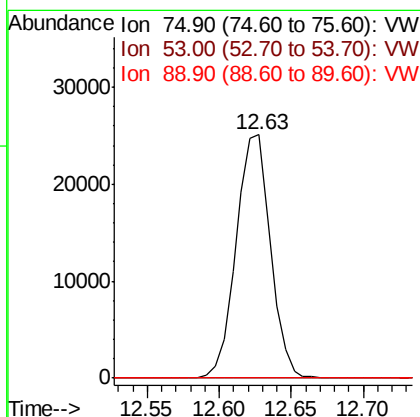
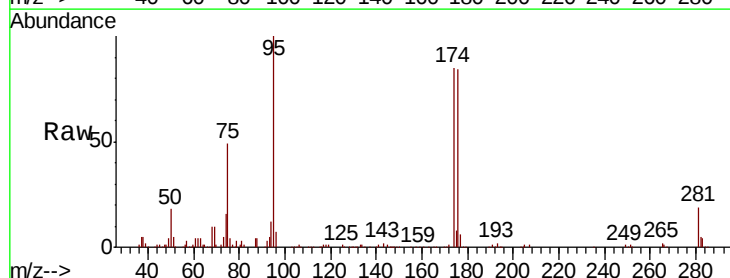
Instrument :
 MSVOA_W
 ClientSampleId :
 CG-SOIL-2RE

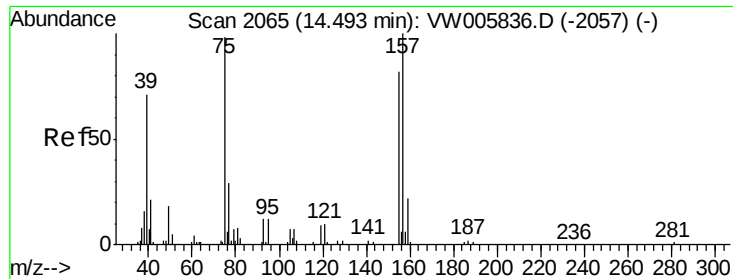
Tgt Ion: 75 Resp: 41485
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 143.514 ug/l
 RT: 12.63 min Scan# 1759
 Delta R.T. 0.11 min
 Lab File: VW005872.D
 Acq: 05 Oct 2018 01:48

Tgt Ion: 75 Resp: 41485
 Ion Ratio Lower Upper
 75 100
 53 0.1 83.7 125.5#
 89 0.2 37.5 56.3#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.264 ug/l

RT: 14.34 min Scan# 2040

Delta R.T. -0.15 min

Lab File: VW005872.D

Acq: 05 Oct 2018 01:48

Instrument :

MSVOA_W

ClientSampleId :

CG-SOIL-2RE

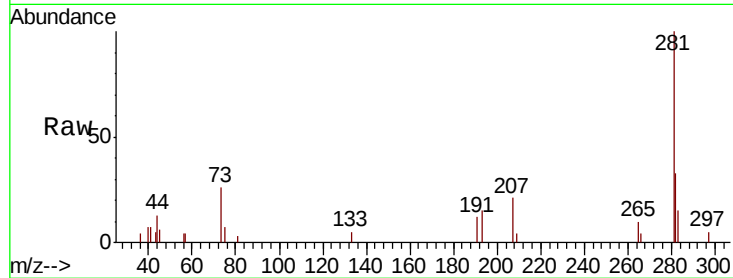
Tgt Ion: 75 Resp: 232

Ion Ratio Lower Upper

75 100

155 0.0 41.3 123.9#

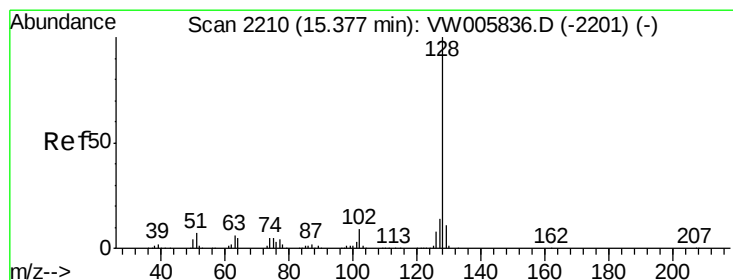
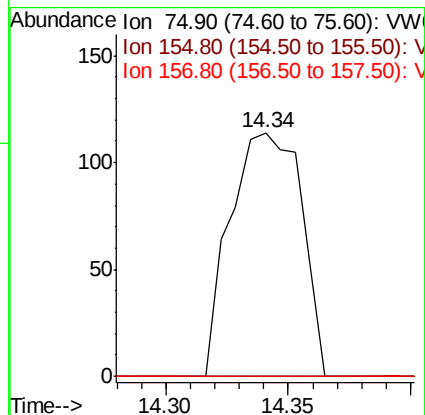
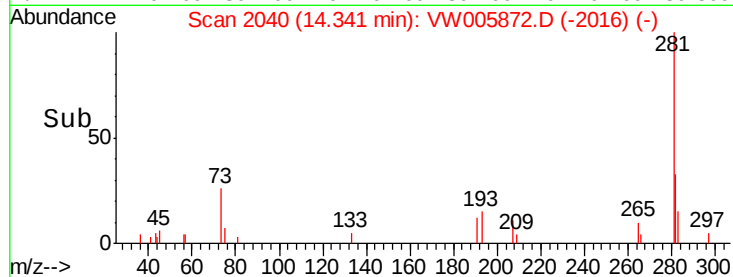
157 0.0 51.9 155.7#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#95

Naphthalene

Concen: 2.263 ug/l

RT: 15.38 min Scan# 2211

Delta R.T. 0.01 min

Lab File: VW005872.D

Acq: 05 Oct 2018 01:48

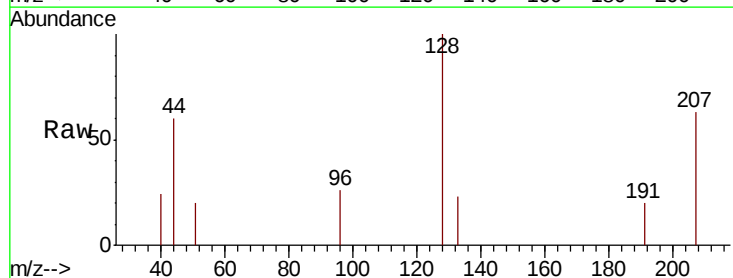
Tgt Ion: 128 Resp: 536

Ion Ratio Lower Upper

128 100

127 3.9 10.9 16.3#

129 0.0 8.9 13.3#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

