

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092618\
 Data File : VW005667.D
 Acq On : 26 Sep 2018 21:34
 Operator : VA/AP
 Sample : J5074-11
 Misc : 6.04G/5ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CA-SOIL-2

Quant Time: Sep 27 06:56:39 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	247209	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	409356	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	346162	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	152430	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	173147	59.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.90%	
35) Dibromofluoromethane	7.88	113	140942	54.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.50%	
50) Toluene-d8	10.33	98	477596	45.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.12%	
62) 4-Bromofluorobenzene	12.62	95	163315	42.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.22%	

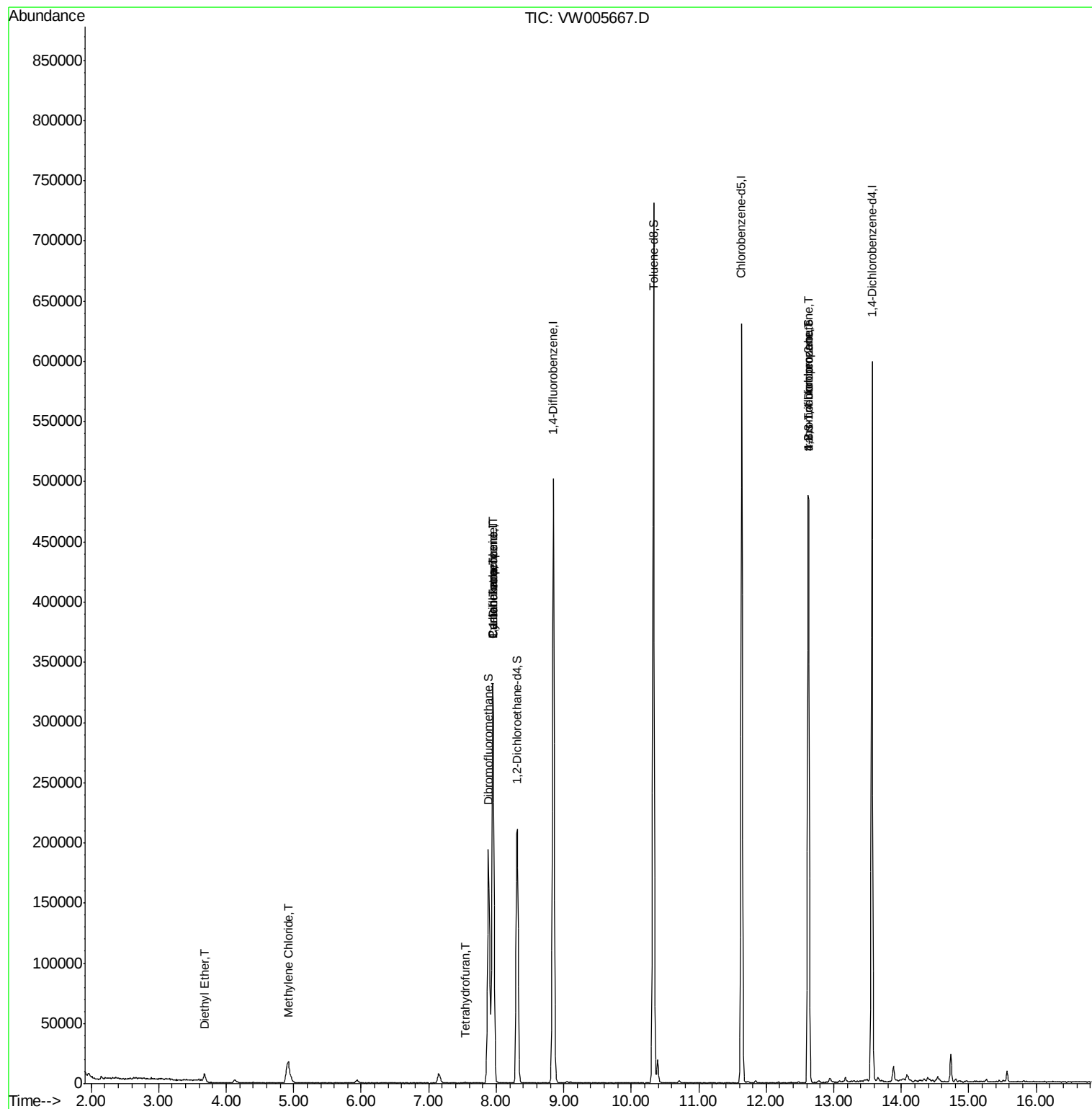
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	54	Below Cal	#	41
8) Diethyl Ether	3.67	74	3292	2.713	ug/l	88
11) Tert butyl alcohol	5.18	59	100	Below Cal	#	72
20) Methylene Chloride	4.92	84	16852	2.864	ug/l	92
29) Tetrahydrofuran	7.53	42	555	1.256	ug/l #	63
31) Cyclohexane	7.95	56	5606	1.242	ug/l #	5
36) 1,1-Dichloropropene	7.95	75	18857	4.576	ug/l #	49
38) Carbon Tetrachloride	7.95	117	24267	5.495	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	84373	64.934	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	84373	146.251	ug/l #	7

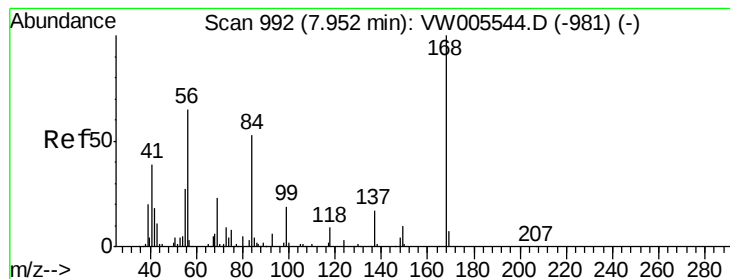
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW092618\
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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: VW005667.D

Acq: 26 Sep 2018 21:34

Instrument :

MSVOA_W

ClientSampled :

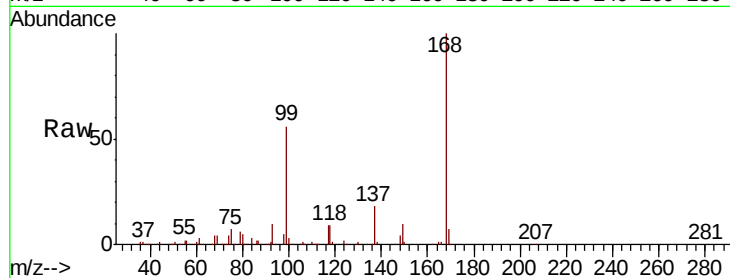
CA-SOIL-2

Tgt Ion:168 Resp: 247209

Ion Ratio Lower Upper

168 100

99 56.1 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

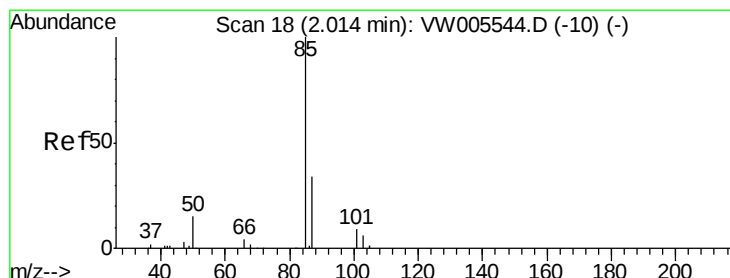
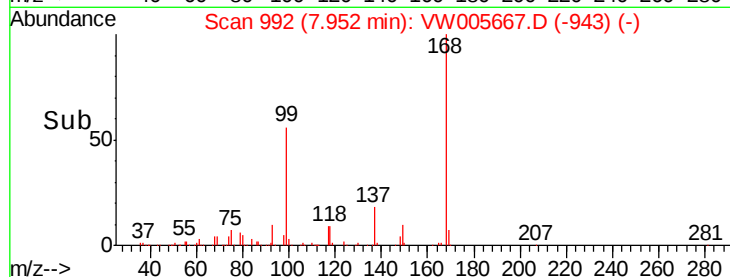
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW005667.D

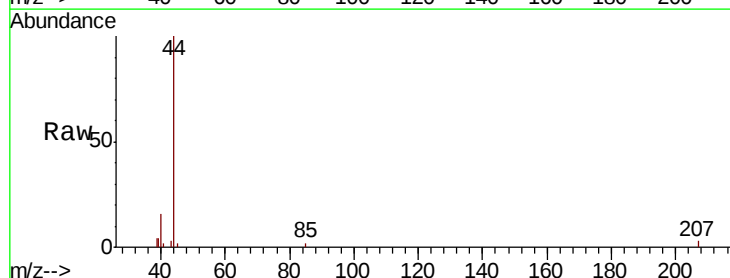
Acq: 26 Sep 2018 21:34

Tgt Ion: 85 Resp: 54

Ion Ratio Lower Upper

85 100

87 0.0 17.0 50.9#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

100

80

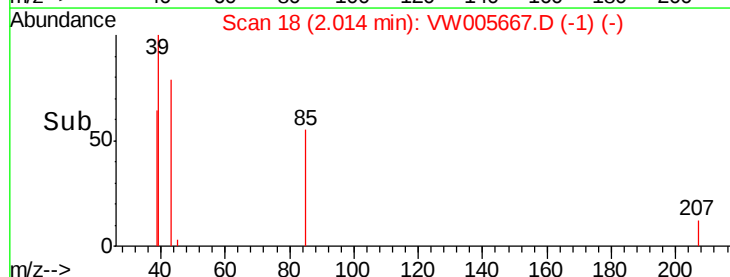
60

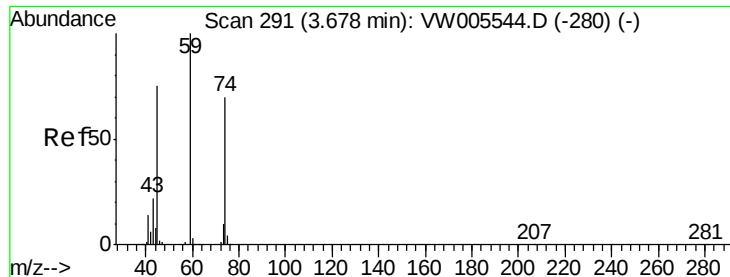
40

20

0

Time-->





#8

Diethyl Ether

Concen: 2.713 ug/l

RT: 3.67 min Scan# 290

Delta R.T. -0.01 min

Lab File: VW005667.D

Acq: 26 Sep 2018 21:34

Instrument :

MSVOA_W

ClientSampleId :

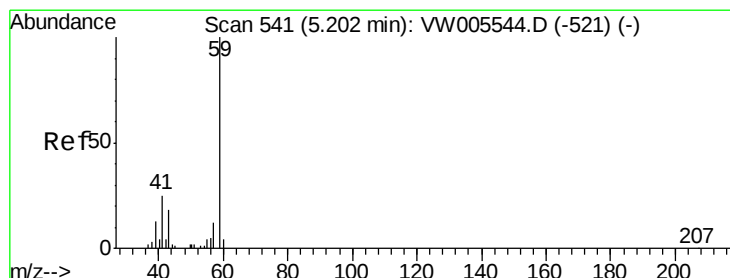
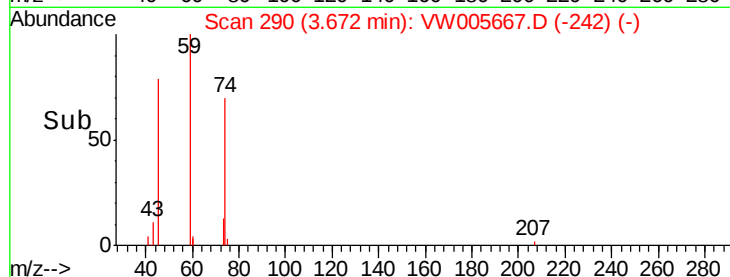
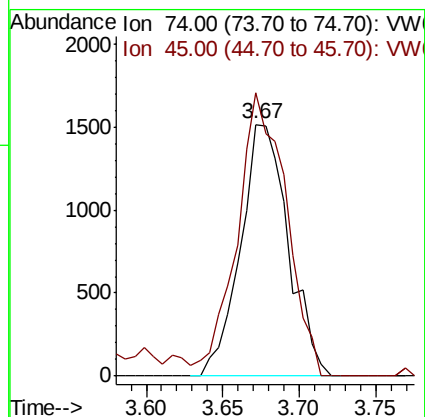
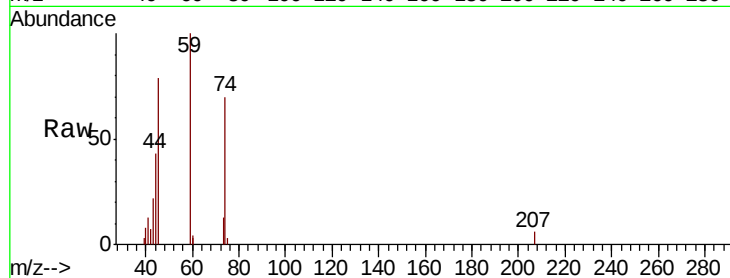
CA-SOIL-2

Tgt Ion: 74 Resp: 3292

Ion Ratio Lower Upper

74 100

45 115.6 51.7 155.2



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.18 min Scan# 537

Delta R.T. -0.02 min

Lab File: VW005667.D

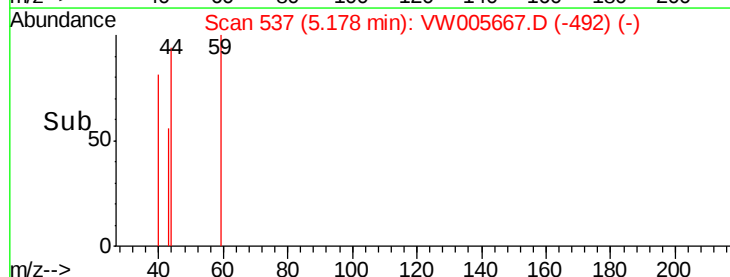
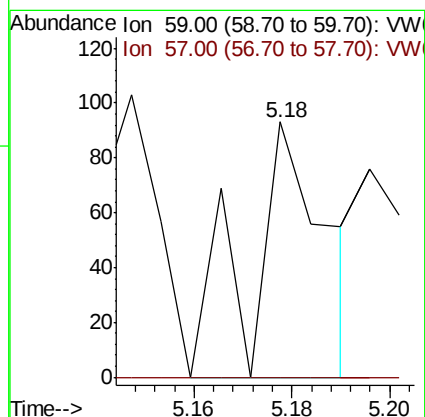
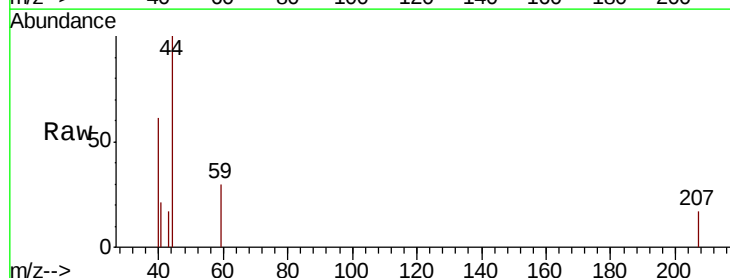
Acq: 26 Sep 2018 21:34

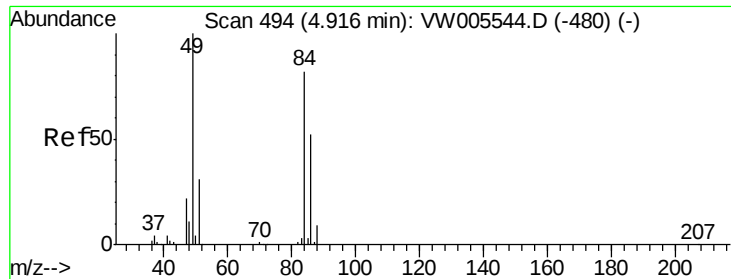
Tgt Ion: 59 Resp: 100

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#





#20

Methylene Chloride

Concen: 2.864 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW005667.D

Acq: 26 Sep 2018 21:34

Instrument :

MSVOA_W

ClientSampleId :

CA-SOIL-2

Tgt Ion: 84 Resp: 16852

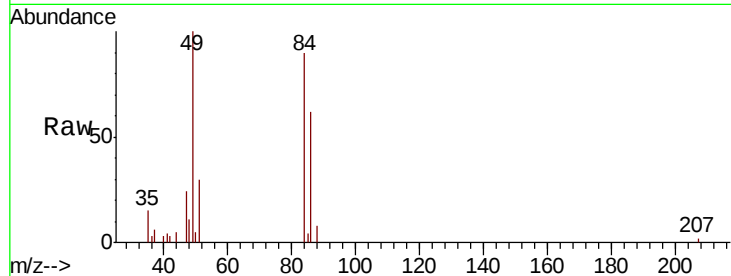
Ion Ratio Lower Upper

84 100

49 111.5 97.0 145.6

51 32.9 30.2 45.2

86 68.6 50.2 75.4



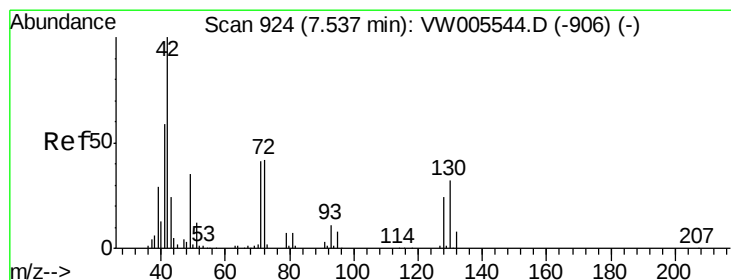
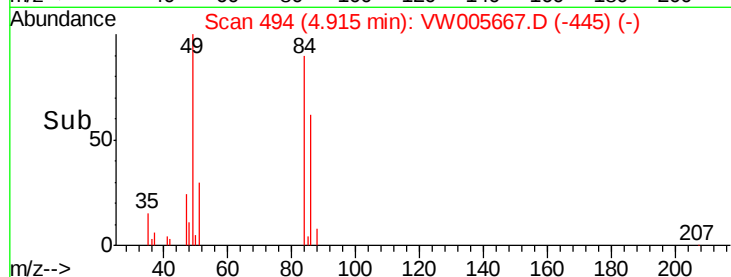
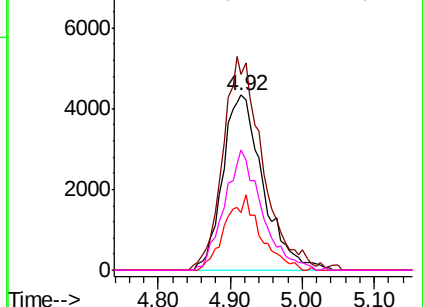
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#29

Tetrahydrofuran

Concen: 1.256 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.01 min

Lab File: VW005667.D

Acq: 26 Sep 2018 21:34

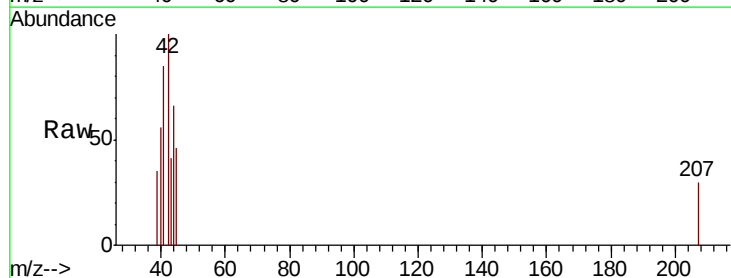
Tgt Ion: 42 Resp: 555

Ion Ratio Lower Upper

42 100

72 27.9 33.6 50.4#

71 7.4 31.8 47.6#

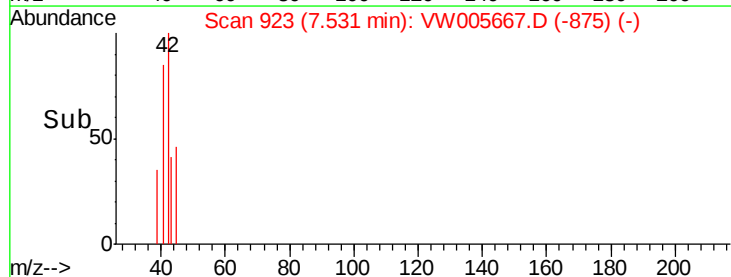
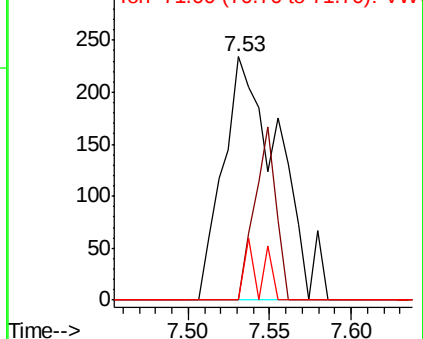


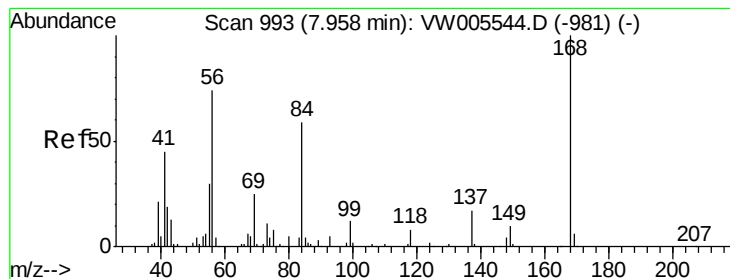
Abundance

Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW





#31

Cyclohexane

Concen: 1.242 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW005667.D

Acq: 26 Sep 2018 21:34

Instrument :

MSVOA_W

ClientSampled :

CA-SOIL-2

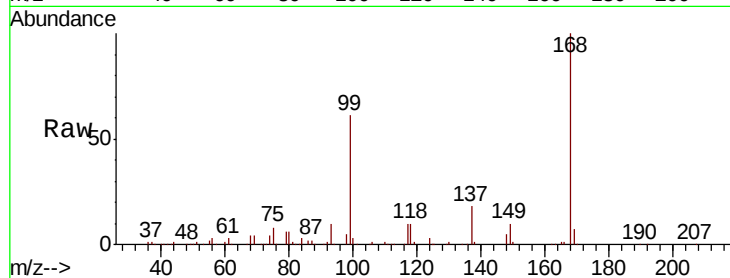
Tgt Ion: 56 Resp: 5606

Ion Ratio Lower Upper

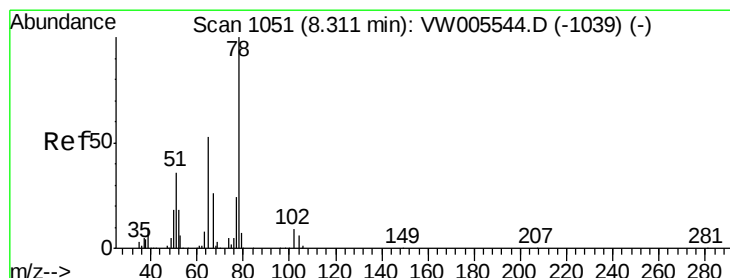
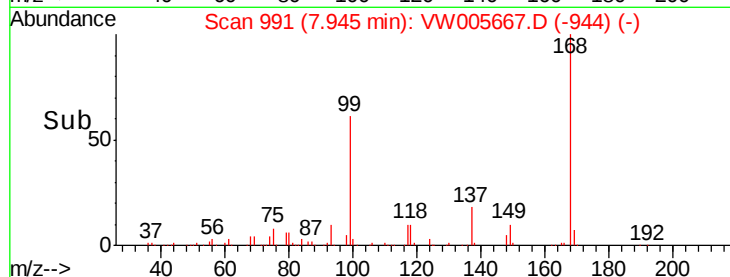
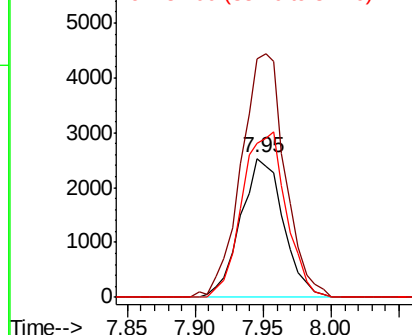
56 100

69 170.9 27.0 40.4#

84 110.5 64.2 96.4#



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#33

1,2-Dichloroethane-d4

Concen: 59.454 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005667.D

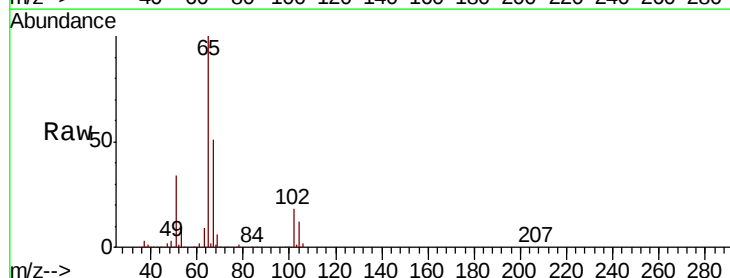
Acq: 26 Sep 2018 21:34

Tgt Ion: 65 Resp: 173147

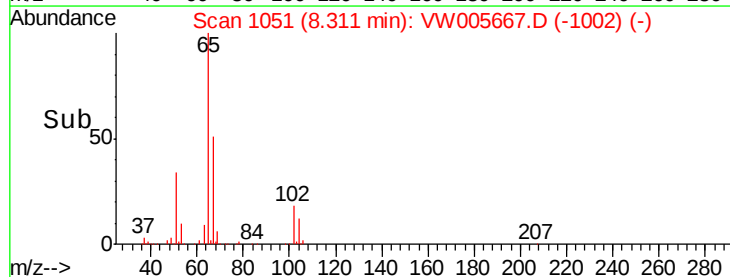
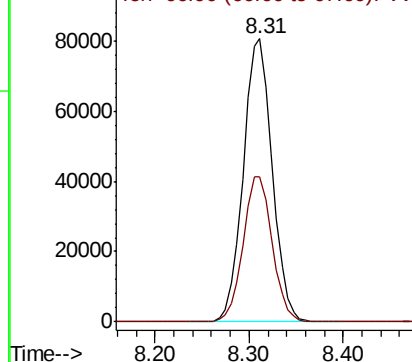
Ion Ratio Lower Upper

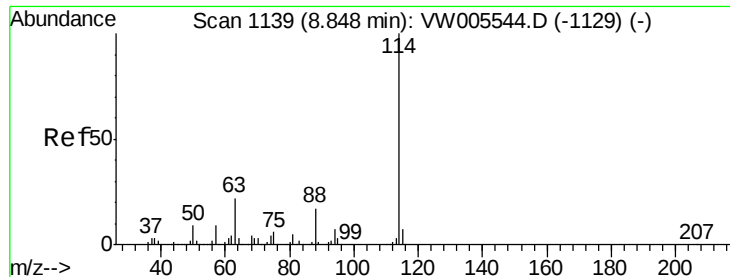
65 100

67 51.6 0.0 100.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

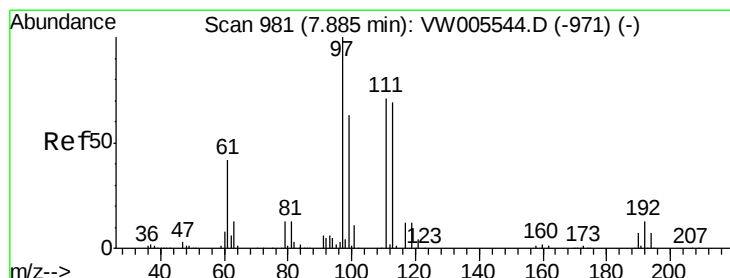
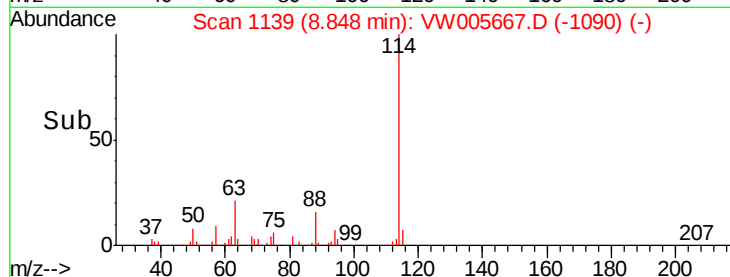
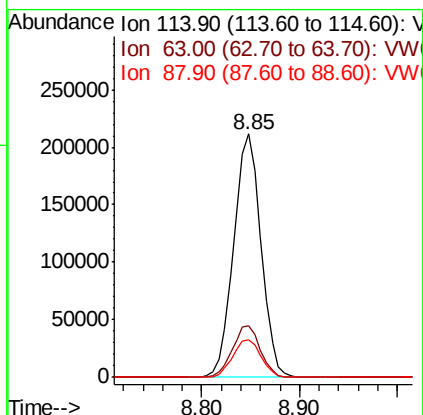
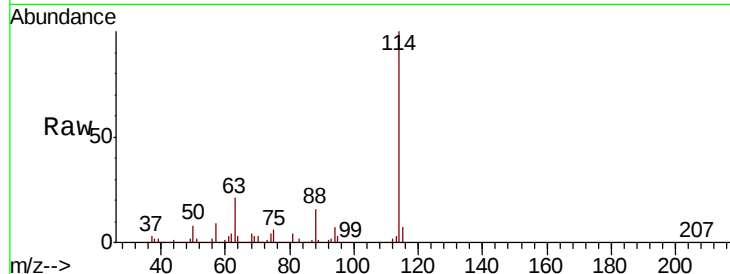




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005667.D
 Acq: 26 Sep 2018 21:34

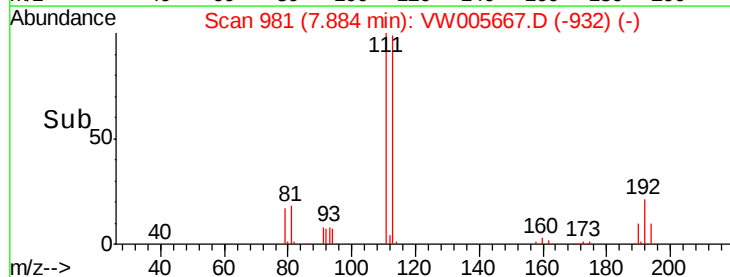
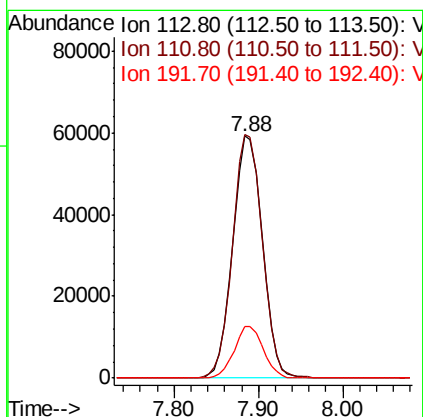
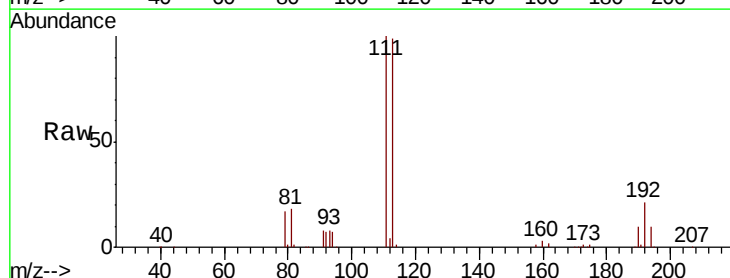
Instrument :
 MSVOA_W
 ClientSampled :
 CA-SOIL-2

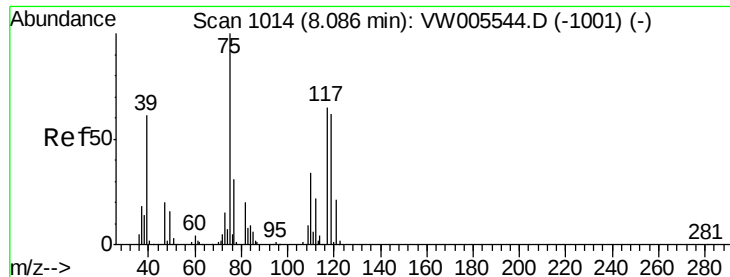
Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	43.0
88	15.6	0.0	33.0



#35
 Dibromofluoromethane
 Concen: 54.750 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW005667.D
 Acq: 26 Sep 2018 21:34

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.9	82.6	123.8
192	20.9	17.0	25.4

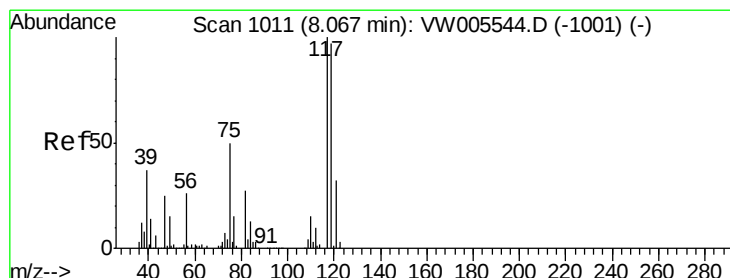
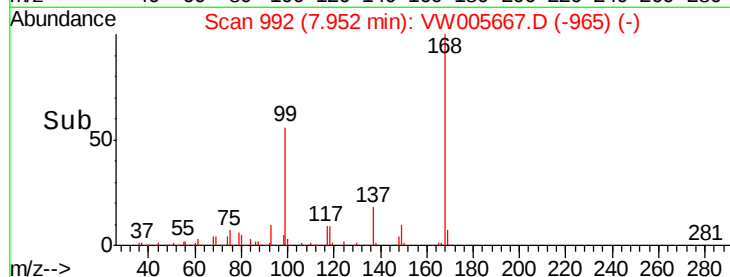
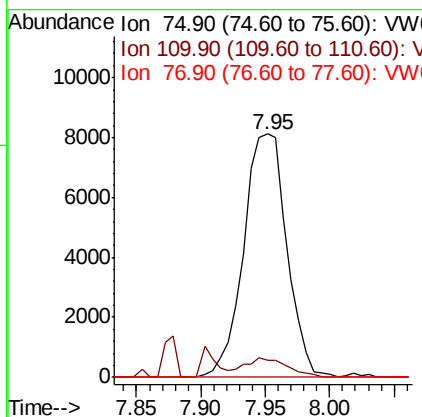
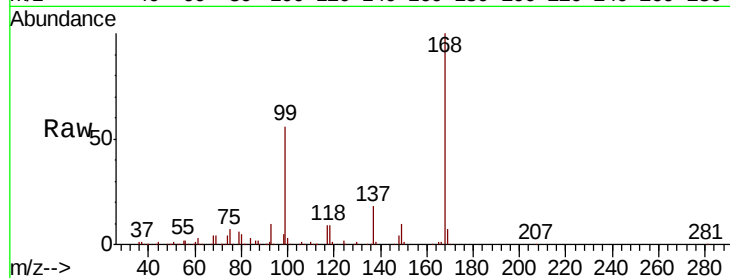




#36
 1,1-Dichloropropene
 Concen: 4.576 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW005667.D
 Acq: 26 Sep 2018 21:34

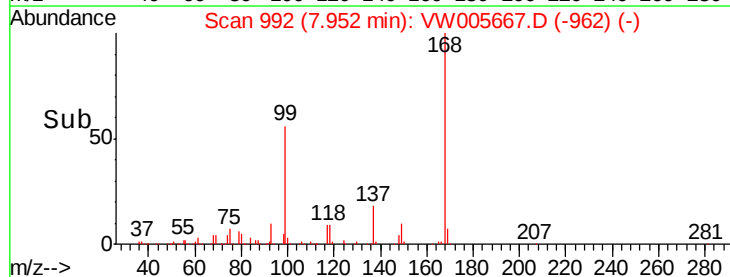
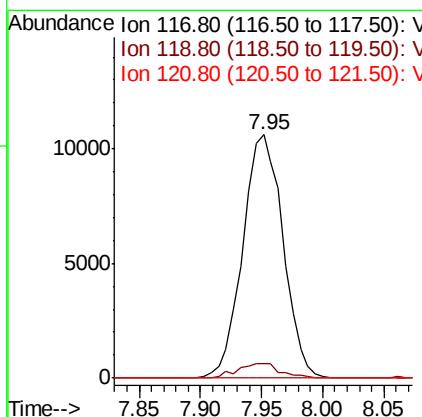
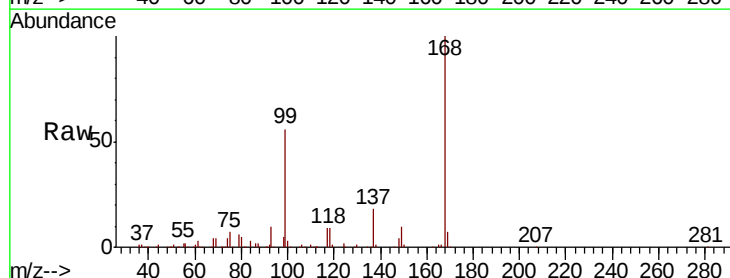
Instrument :
 MSVOA_W
 ClientSampleId :
 CA-SOIL-2

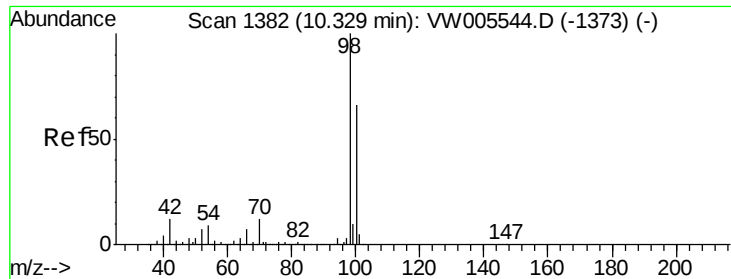
Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.8	17.0	50.9#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 5.495 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW005667.D
 Acq: 26 Sep 2018 21:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.0	77.6	116.4#
121	0.0	25.7	38.5#





#50

Toluene-d8

Concen: 45.564 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005667.D

Acq: 26 Sep 2018 21:34

Instrument :

MSVOA_W

ClientSampleId :

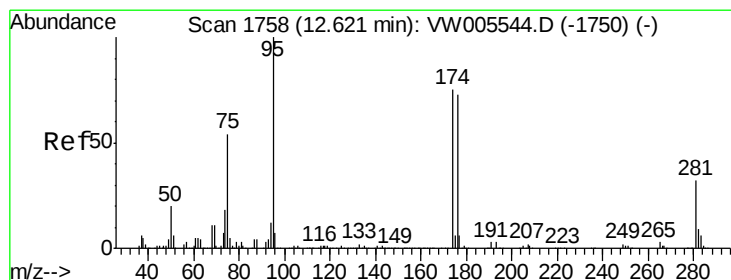
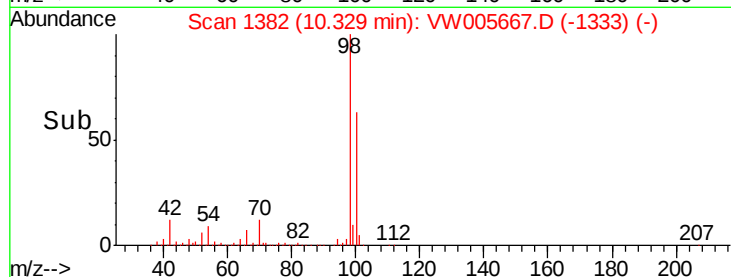
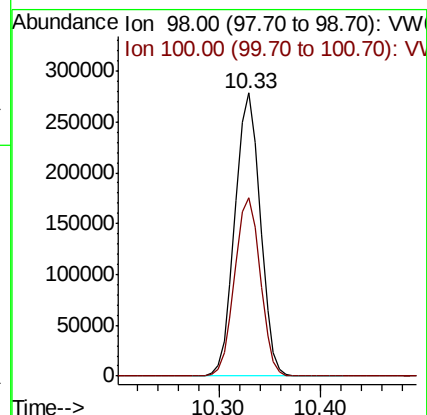
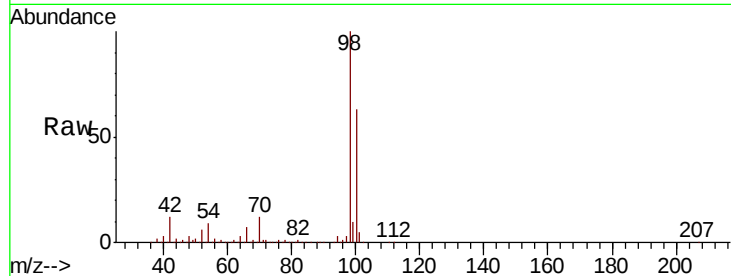
CA-SOIL-2

Tgt Ion: 98 Resp: 477596

Ion Ratio Lower Upper

98 100

100 63.5 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 42.107 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005667.D

Acq: 26 Sep 2018 21:34

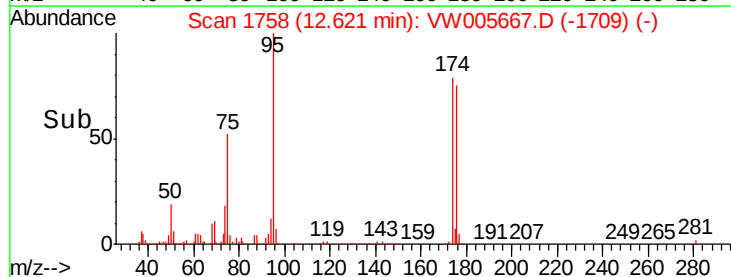
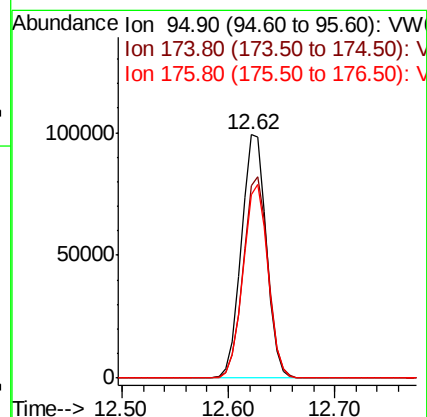
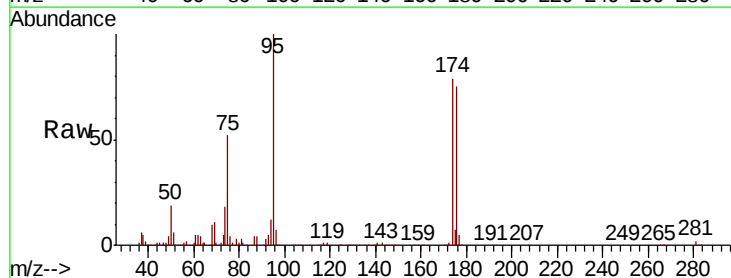
Tgt Ion: 95 Resp: 163315

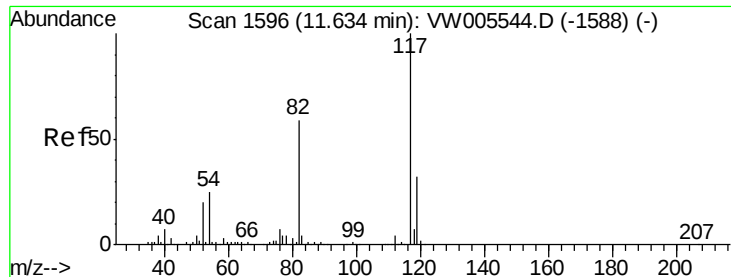
Ion Ratio Lower Upper

95 100

174 82.4 0.0 163.8

176 79.5 0.0 158.0

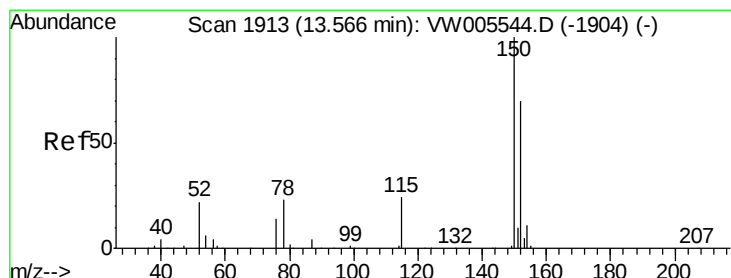
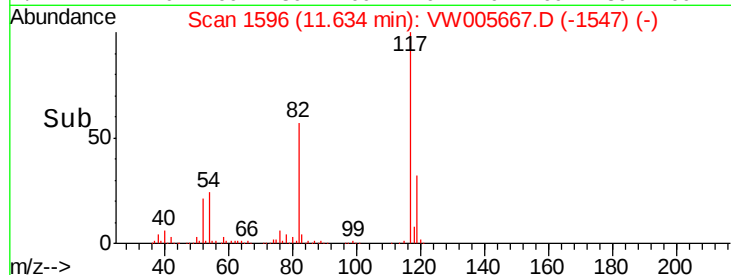
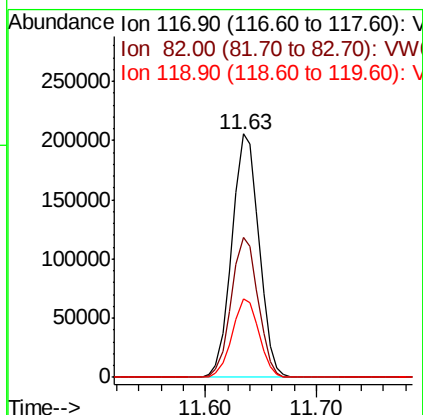
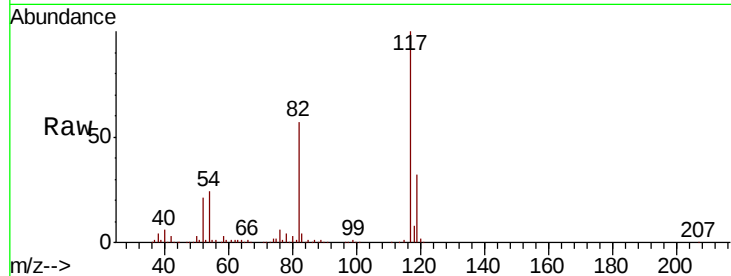




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005667.D
Acq: 26 Sep 2018 21:34

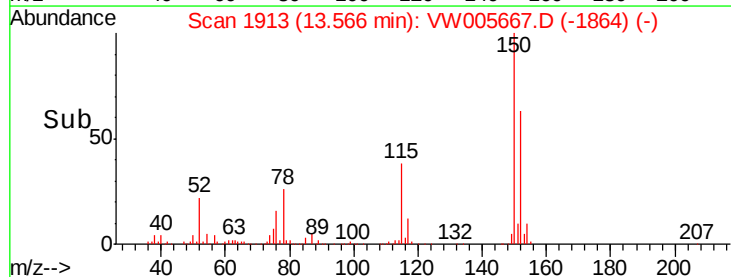
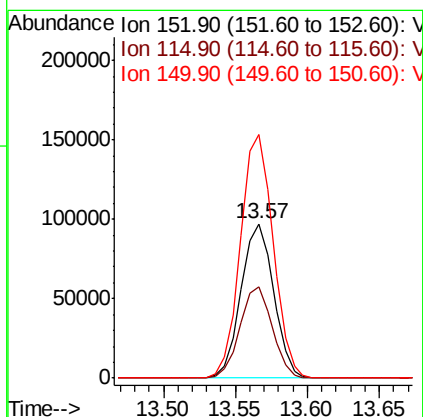
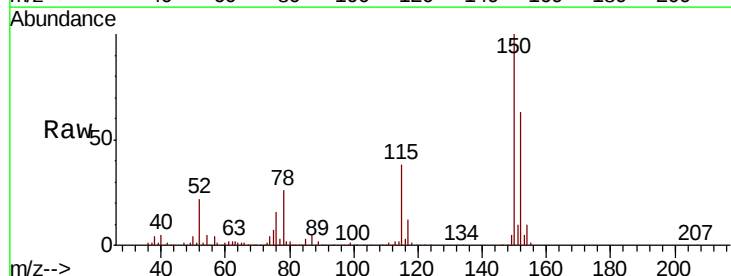
Instrument :
MSVOA_W
ClientSampleId :
CA-SOIL-2

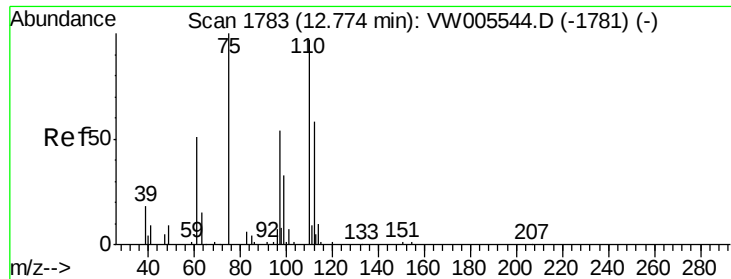
Tgt Ion:117 Resp: 346162
Ion Ratio Lower Upper
117 100
82 57.3 46.9 70.3
119 32.4 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005667.D
Acq: 26 Sep 2018 21:34

Tgt Ion:152 Resp: 152430
Ion Ratio Lower Upper
152 100
115 58.9 30.0 90.0
150 158.5 0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 64.934 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW005667.D

Acq: 26 Sep 2018 21:34

Instrument :

MSVOA_W

ClientSampleId :

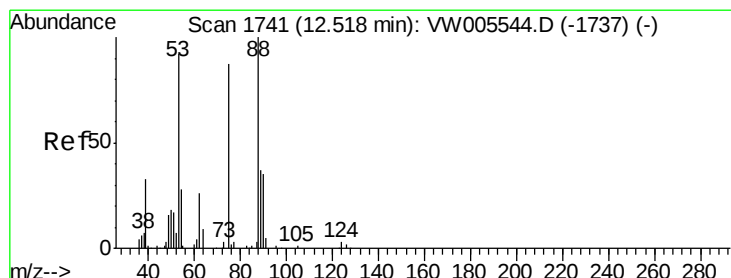
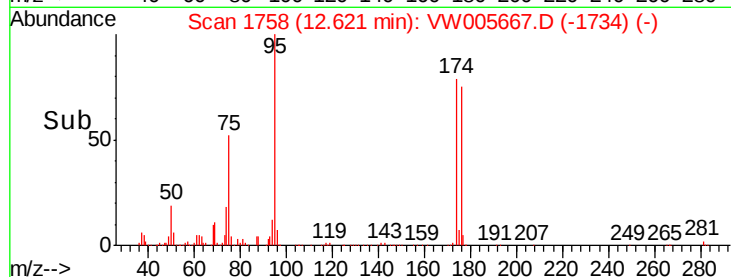
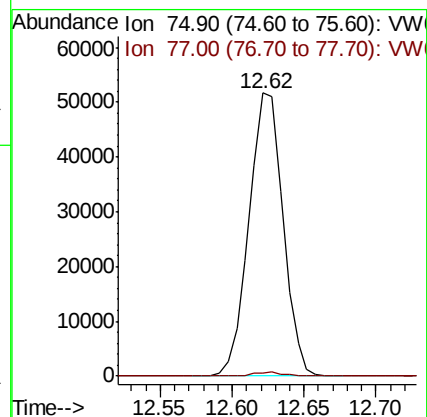
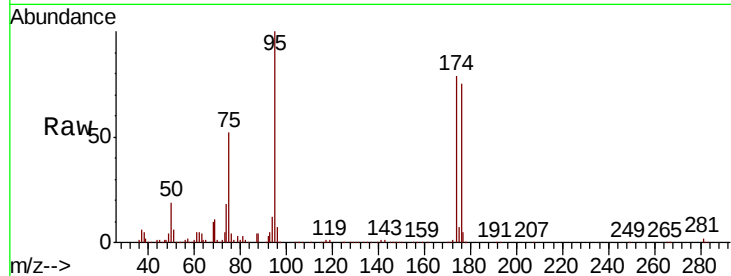
CA-SOIL-2

Tgt Ion: 75 Resp: 84373

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 146.251 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005667.D

Acq: 26 Sep 2018 21:34

Tgt Ion: 75 Resp: 84373

Ion Ratio Lower Upper

75 100

53 0.2 85.8 128.6#

89 0.1 37.3 55.9#

