

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101318\
 Data File : VW006049.D
 Acq On : 12 Oct 2018 16:28
 Operator : VA/AP
 Sample : J5509-02
 Misc : 4.66G/5ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MS-SOIL

Quant Time: Oct 13 01:08:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	22777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	33273	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	29879	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	13141	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	11240	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
35) Dibromofluoromethane	7.89	113	10917	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	
50) Toluene-d8	10.33	98	38638	47.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.54%	
62) 4-Bromofluorobenzene	12.63	95	13174	42.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.74%	

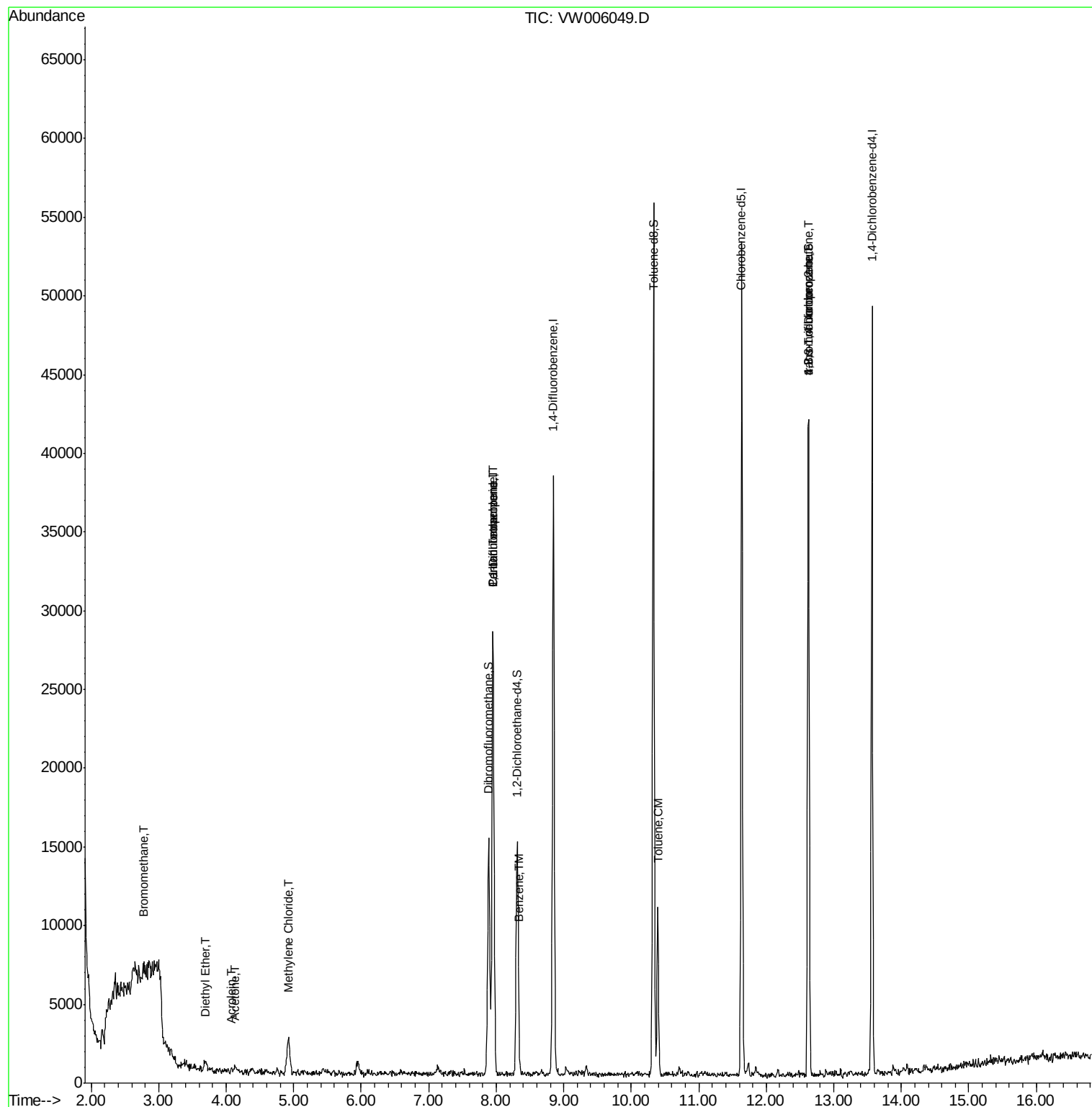
Target Compounds					Qvalue	
5) Bromomethane	2.79	94	181	1.100	ug/l #	46
8) Diethyl Ether	3.69	74	130	1.277	ug/l #	1
13) Acrolein	4.08	56	19	1.316	ug/l #	16
16) Acetone	4.14	43	473	10.710	ug/l #	77
20) Methylene Chloride	4.92	84	1830	8.270	ug/l	89
36) 1,1-Dichloropropene	7.95	75	1559	4.890	ug/l #	44
38) Carbon Tetrachloride	7.95	117	2127	6.210	ug/l #	17
40) Benzene	8.34	78	1125	1.289	ug/l	95
52) Toluene	10.40	92	4625	8.068	ug/l	100
76) 1,2,3-Trichloropropane	12.62	75	6810	58.014	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	6810	122.474	ug/l #	11

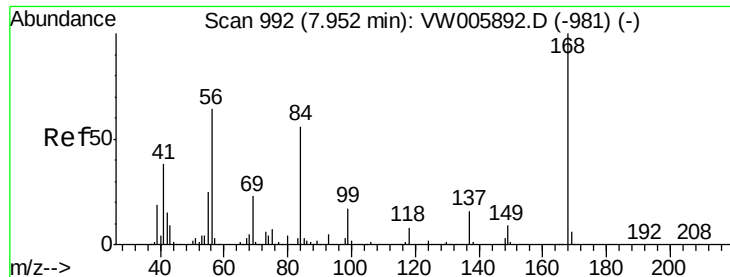
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 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: VW006049.D

Acq: 12 Oct 2018 16:28

Instrument :

MSVOA_W

ClientSampleId :

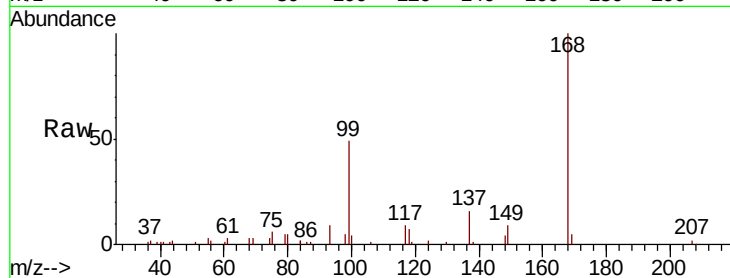
MS-SOIL

Tgt Ion:168 Resp: 22777

Ion Ratio Lower Upper

168 100

99 49.3 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

12000

10000

8000

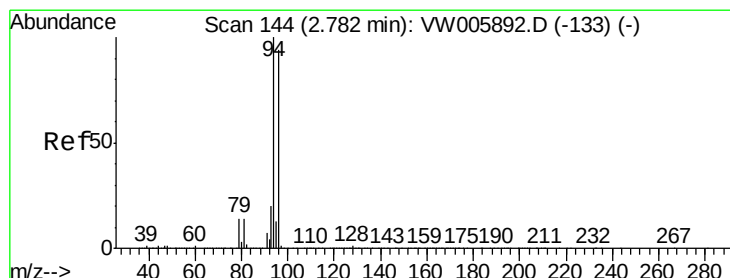
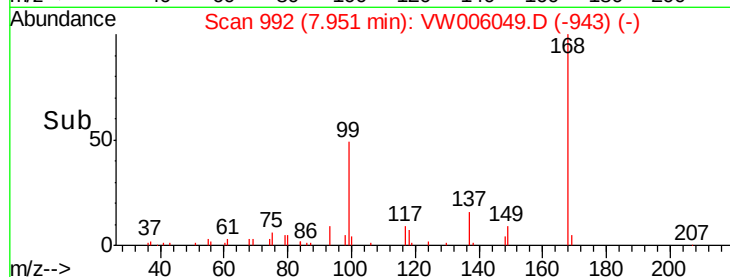
6000

4000

2000

0

Time-->



#5

Bromomethane

Concen: 1.100 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.01 min

Lab File: VW006049.D

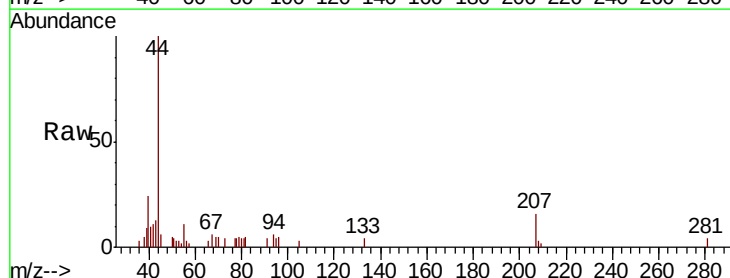
Acq: 12 Oct 2018 16:28

Tgt Ion: 94 Resp: 181

Ion Ratio Lower Upper

94 100

96 41.7 75.0 112.4#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.79

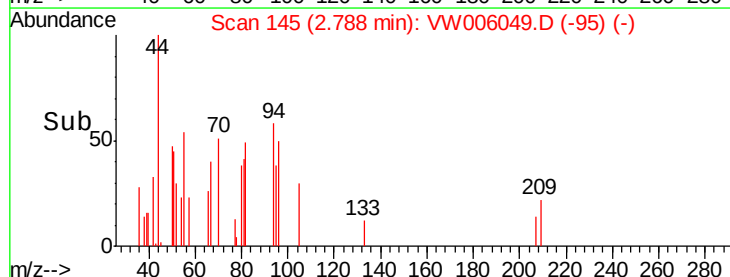
150

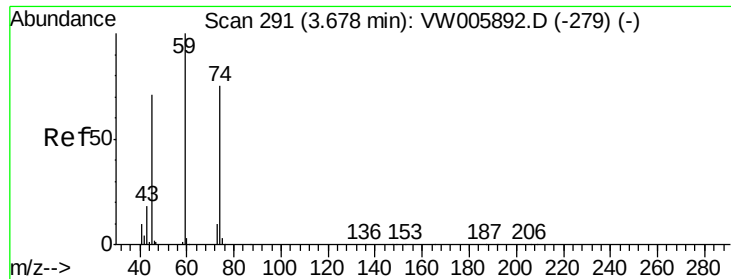
100

50

0

Time-->





#8

Diethyl Ether

Concen: 1.277 ug/l

RT: 3.69 min Scan# 293

Delta R.T. 0.01 min

Lab File: VW006049.D

Acq: 12 Oct 2018 16:28

Instrument :

MSVOA_W

ClientSampleId :

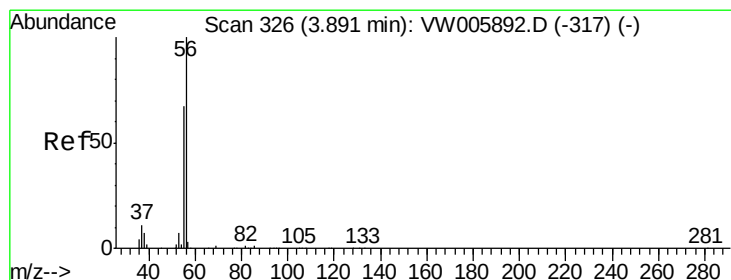
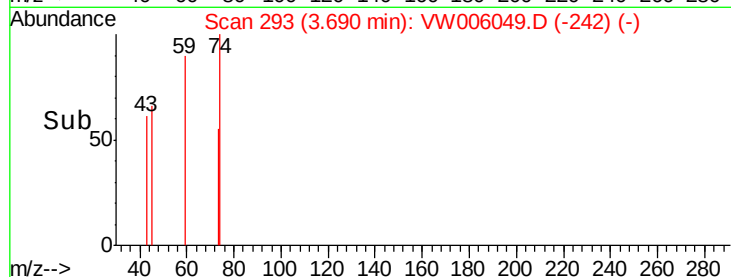
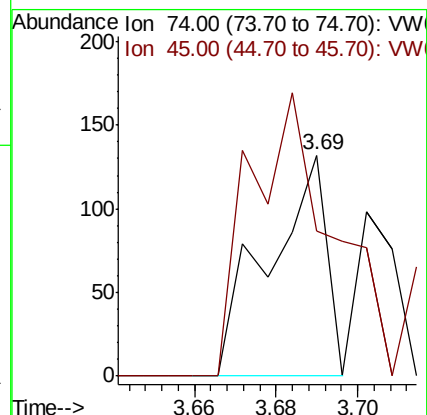
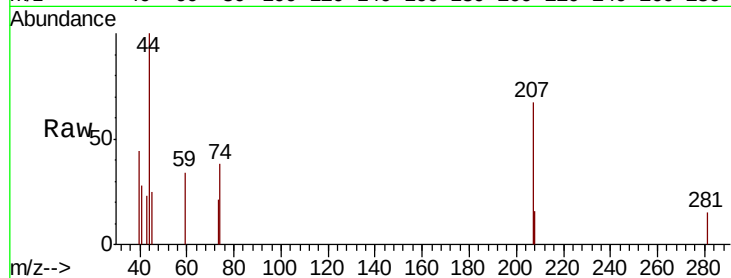
MS-SOIL

Tgt Ion: 74 Resp: 130

Ion Ratio Lower Upper

74 100

45 201.5 46.8 140.4#



#13

Acrolein

Concen: 1.316 ug/l

RT: 4.08 min Scan# 357

Delta R.T. 0.19 min

Lab File: VW006049.D

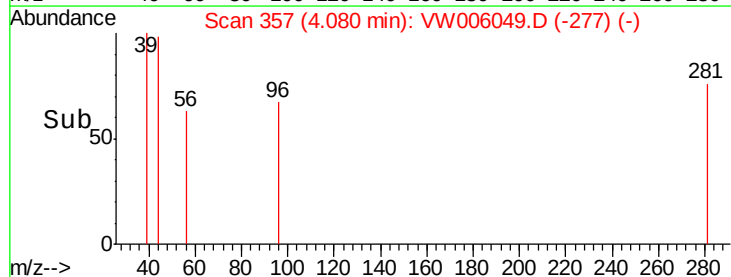
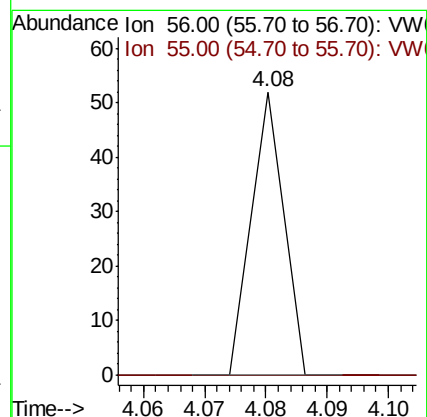
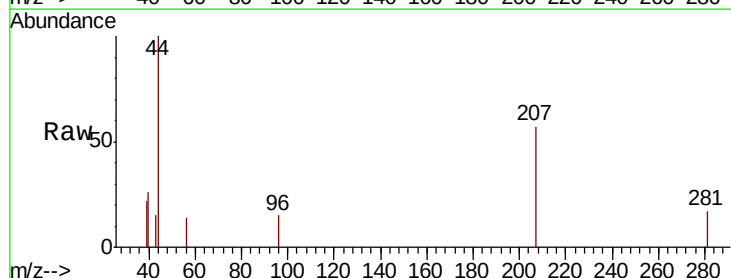
Acq: 12 Oct 2018 16:28

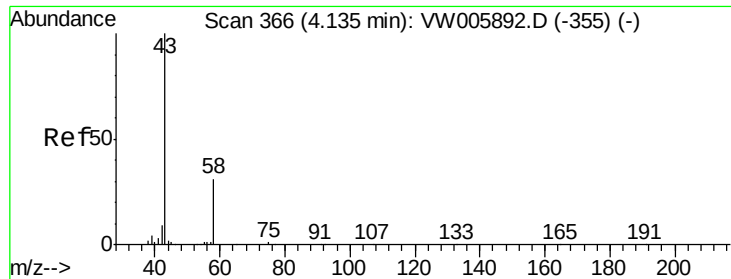
Tgt Ion: 56 Resp: 19

Ion Ratio Lower Upper

56 100

55 0.0 54.6 82.0#





#16

Acetone

Concen: 10.710 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.00 min

Lab File: VW006049.D

Acq: 12 Oct 2018 16:28

Instrument :

MSVOA_W

ClientSampled :

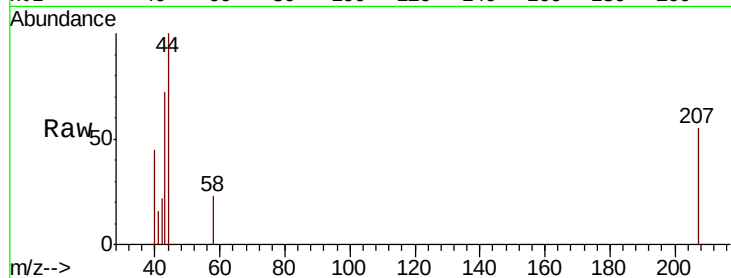
MS-SOIL

Tgt Ion: 43 Resp: 473

Ion Ratio Lower Upper

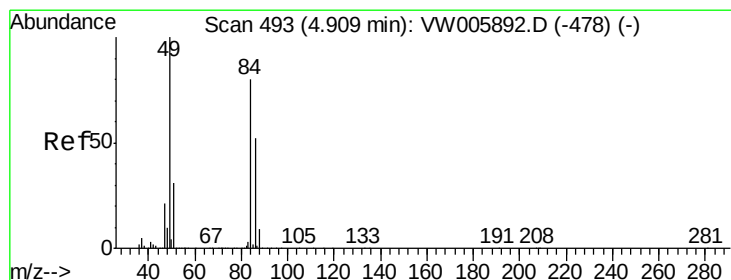
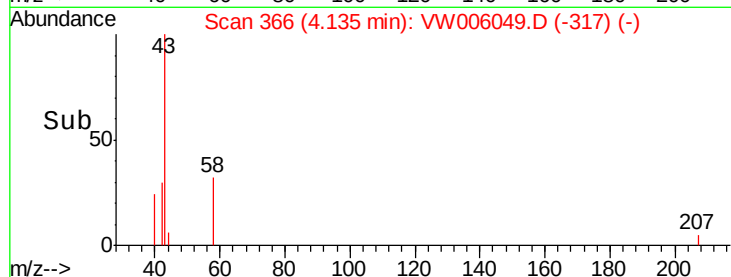
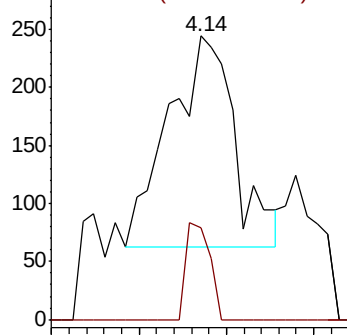
43 100

58 43.6 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 8.270 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW006049.D

Acq: 12 Oct 2018 16:28

Tgt Ion: 84 Resp: 1830

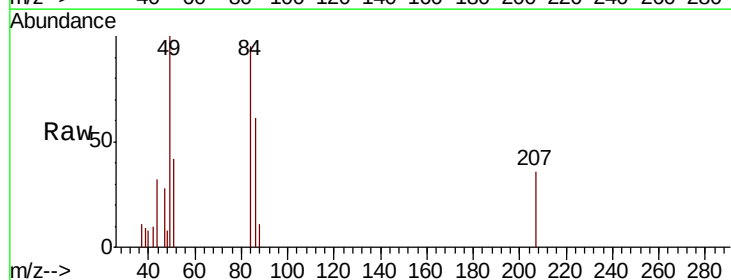
Ion Ratio Lower Upper

84 100

49 105.3 99.9 149.9

51 43.9 31.1 46.7

86 63.8 51.8 77.6

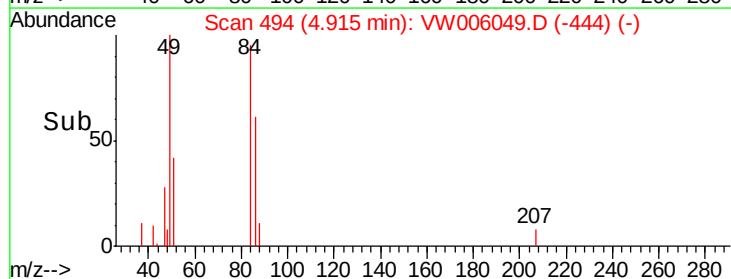
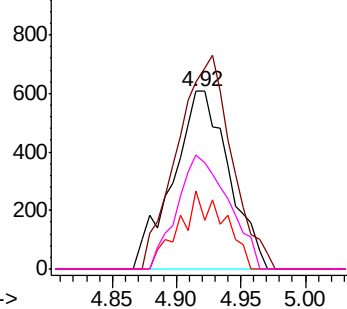


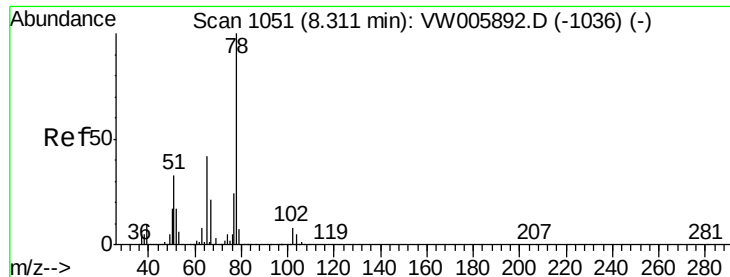
Abundance Ion 83.90 (83.60 to 84.60): VW

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

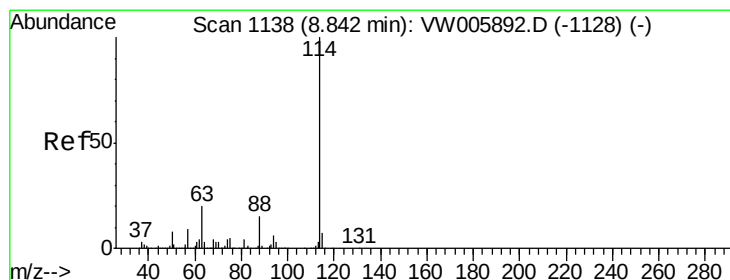
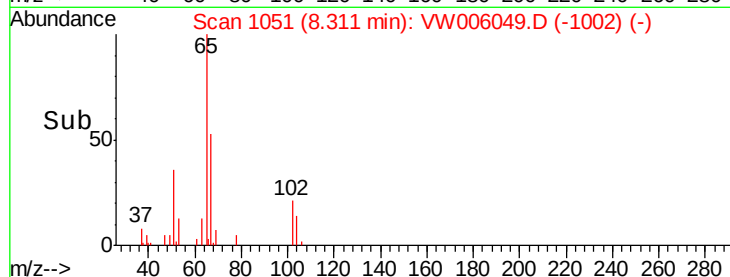
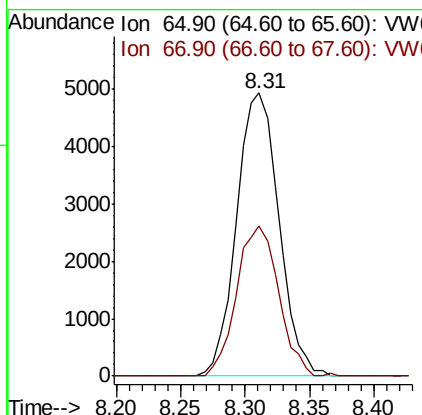
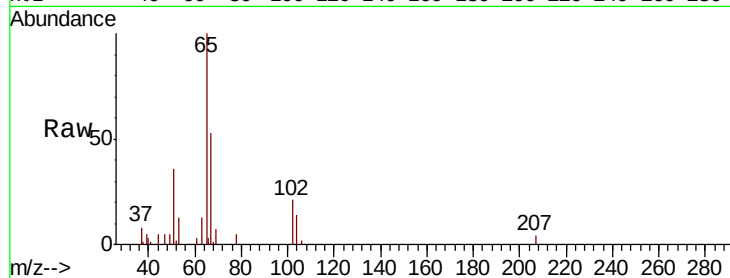




#33
 1,2-Dichloroethane-d4
 Concen: 50.834 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006049.D
 Acq: 12 Oct 2018 16:28

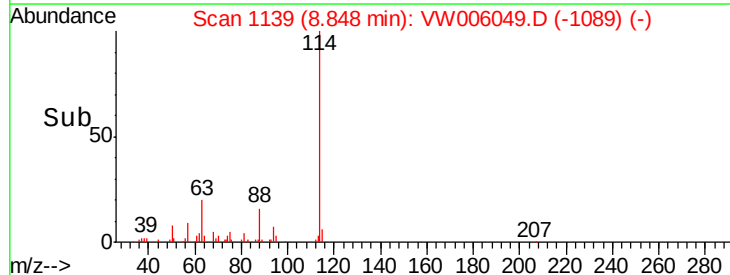
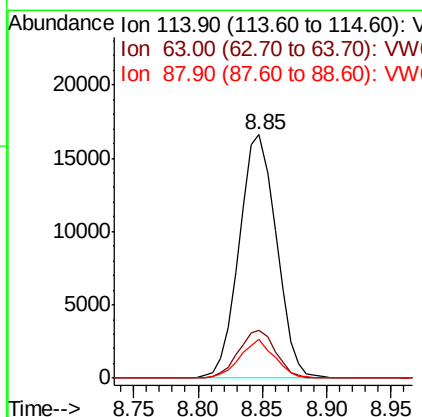
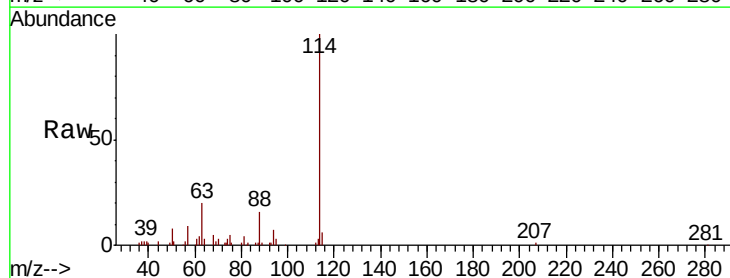
Instrument :
 MSVOA_W
 ClientSampled :
 MS-SOIL

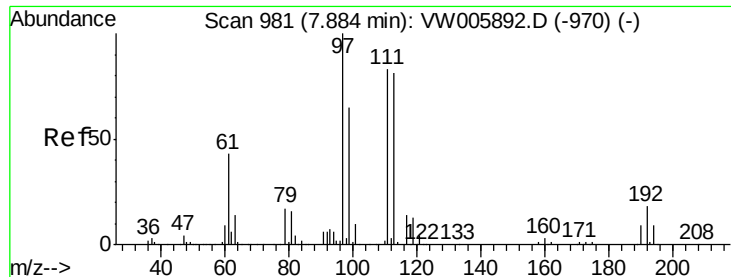
Tgt Ion: 65 Resp: 11240
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW006049.D
 Acq: 12 Oct 2018 16:28

Tgt Ion: 114 Resp: 33273
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.2
 88 16.2 0.0 30.8

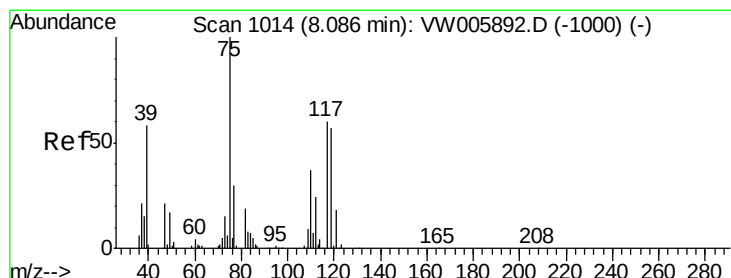
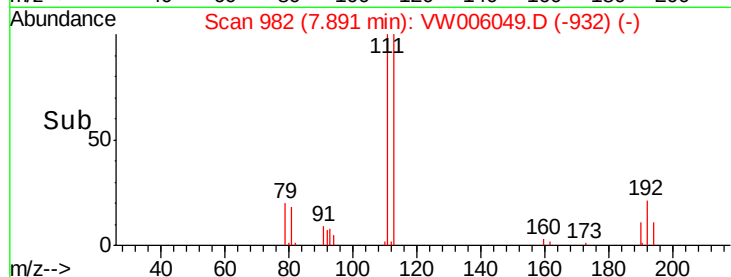
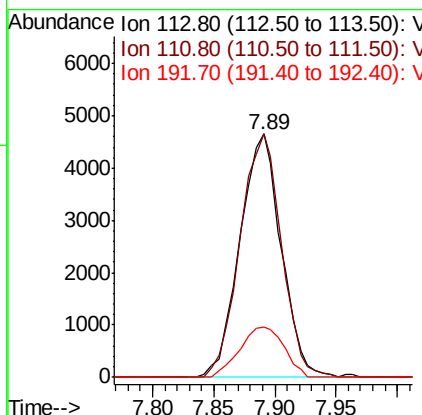
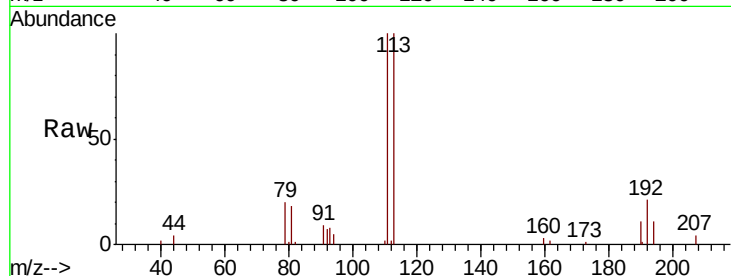




#35
Dibromofluoromethane
Concen: 51.390 ug/l
RT: 7.89 min Scan# 982
Delta R.T. 0.01 min
Lab File: VW006049.D
Acq: 12 Oct 2018 16:28

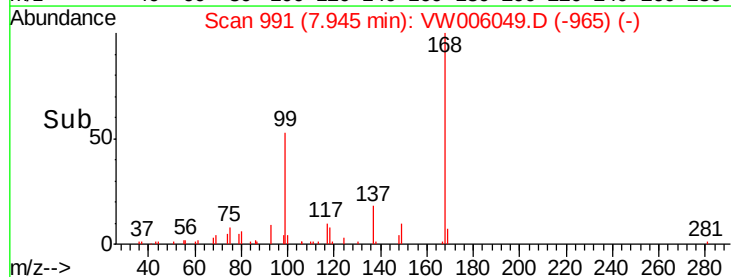
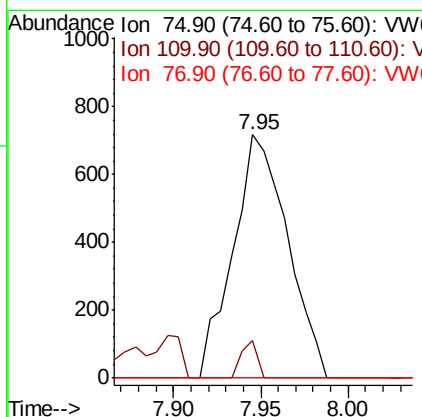
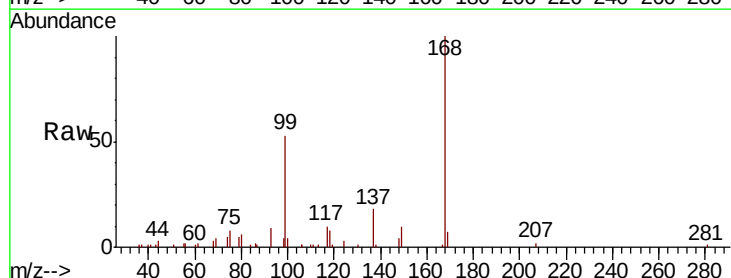
Instrument :
MSVOA_W
ClientSampleId :
MS-SOIL

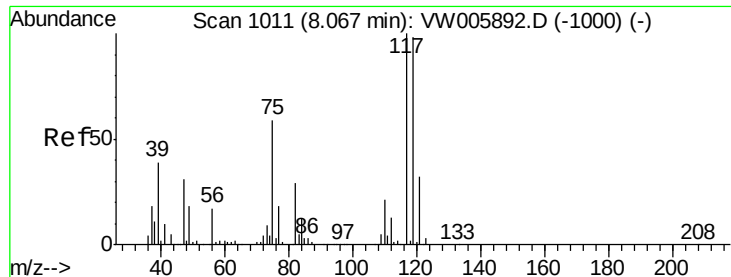
Tgt Ion:113 Resp: 10917
Ion Ratio Lower Upper
113 100
111 100.0 82.0 123.0
192 22.1 18.3 27.5



#36
1,1-Dichloropropene
Concen: 4.890 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.14 min
Lab File: VW006049.D
Acq: 12 Oct 2018 16:28

Tgt Ion: 75 Resp: 1559
Ion Ratio Lower Upper
75 100
110 4.5 18.6 56.0#
77 0.0 24.7 37.1#

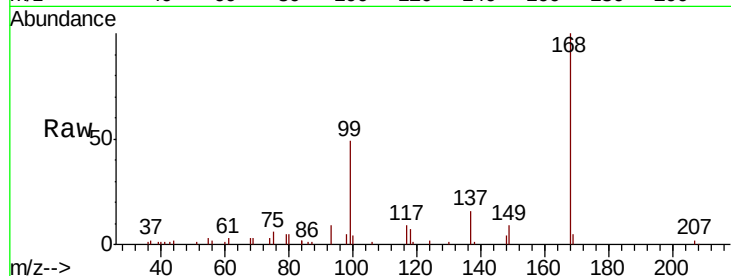




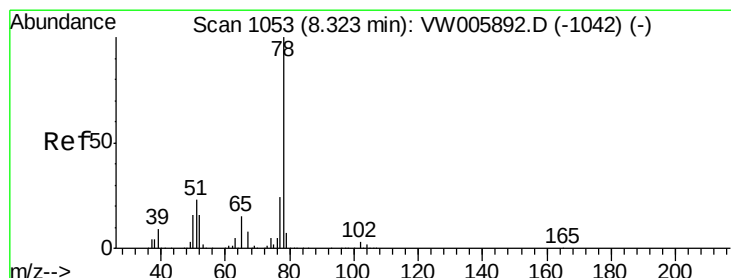
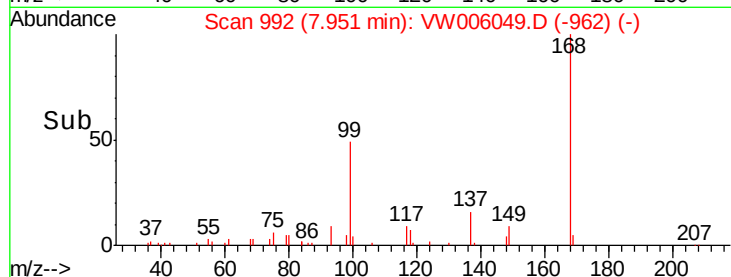
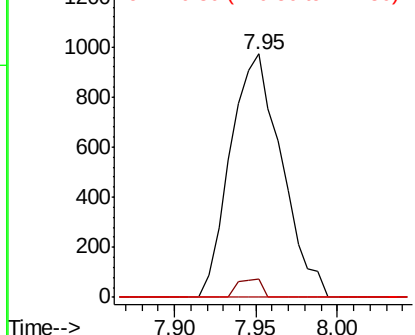
#38
Carbon Tetrachloride
Concen: 6.210 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006049.D
Acq: 12 Oct 2018 16:28

Instrument :
MSVOA_W
ClientSampled :
MS-SOIL

Tgt Ion: 117 Resp: 2127
Ion Ratio Lower Upper
117 100
119 7.4 78.6 117.8#
121 0.0 25.3 37.9#

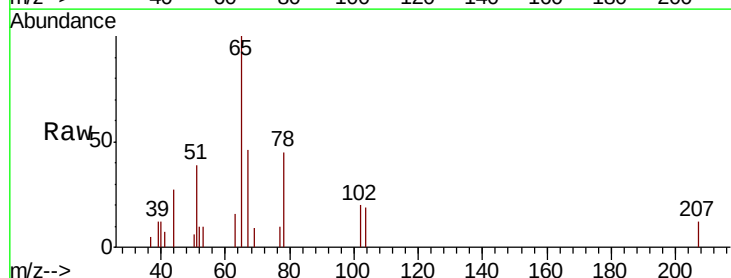


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

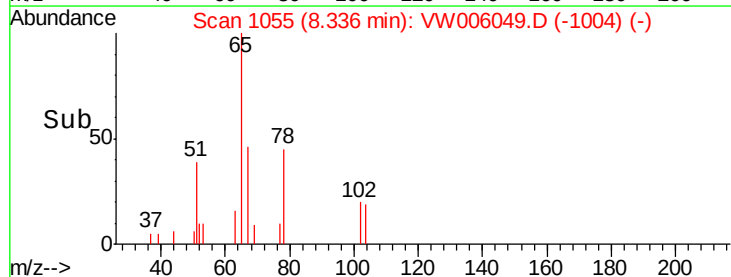
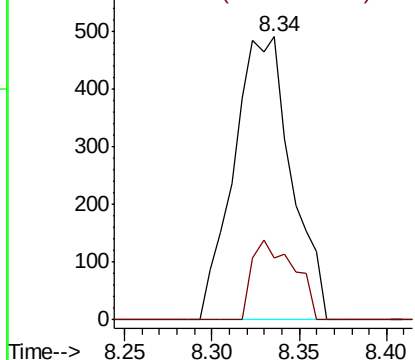


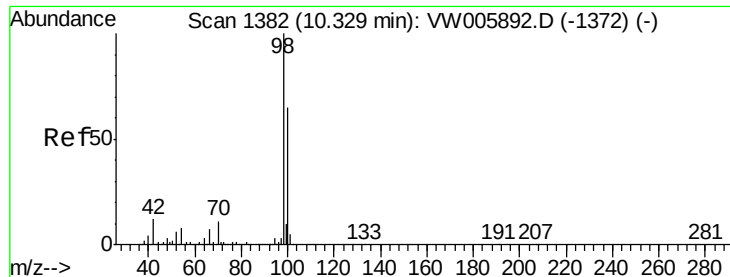
#40
Benzene
Concen: 1.289 ug/l
RT: 8.34 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VW006049.D
Acq: 12 Oct 2018 16:28

Tgt Ion: 78 Resp: 1125
Ion Ratio Lower Upper
78 100
77 21.6 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW





#50

Toluene-d8

Concen: 47.274 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006049.D

Acq: 12 Oct 2018 16:28

Instrument :

MSVOA_W

ClientSampleId :

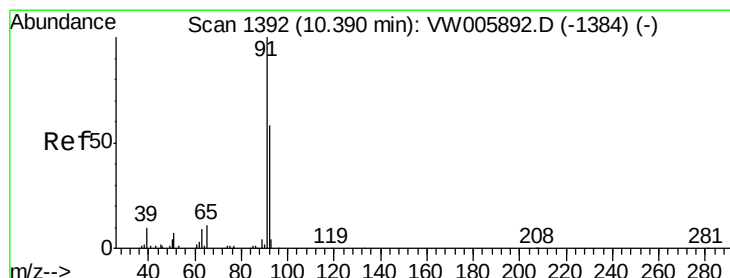
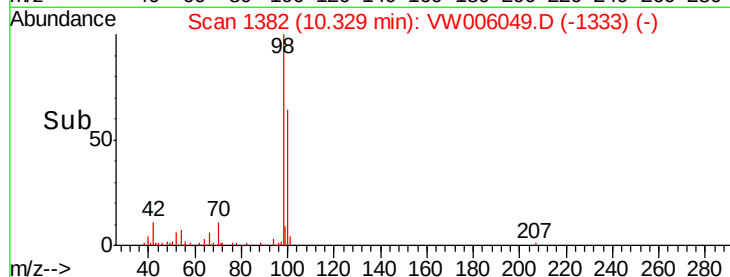
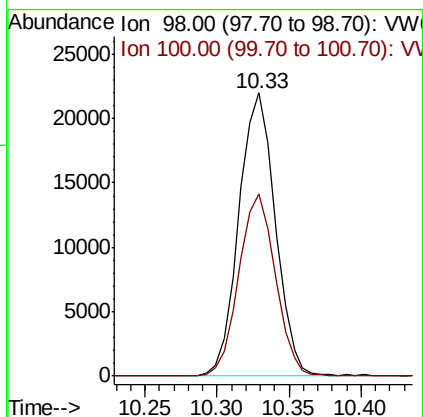
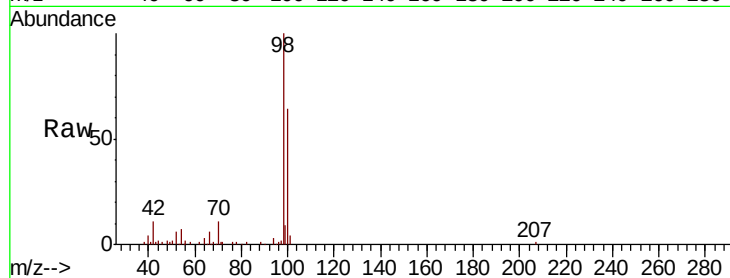
MS-SOIL

Tgt Ion: 98 Resp: 38638

Ion Ratio Lower Upper

98 100

100 64.5 51.9 77.9



#52

Toluene

Concen: 8.068 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.01 min

Lab File: VW006049.D

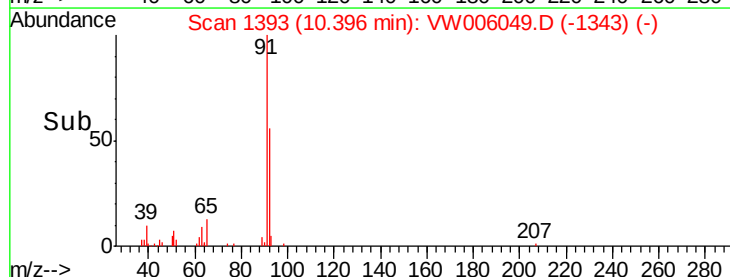
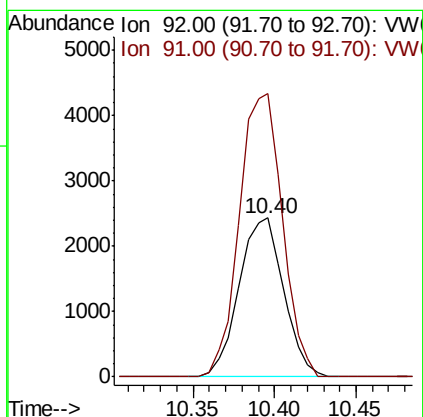
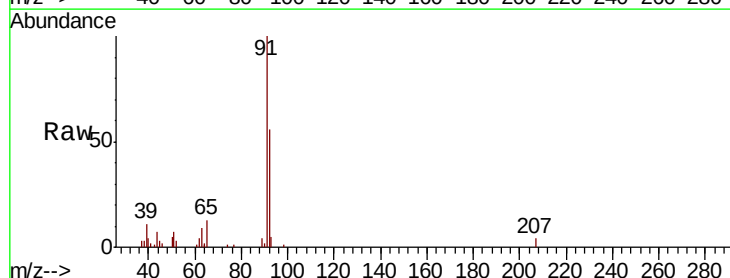
Acq: 12 Oct 2018 16:28

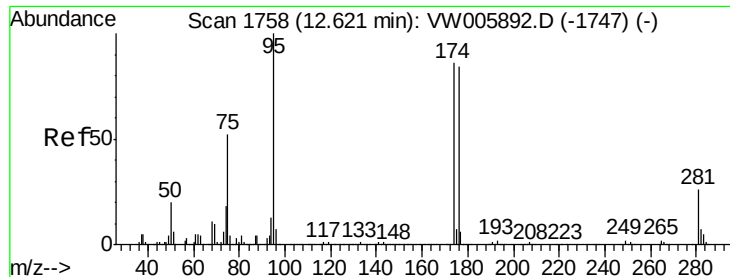
Tgt Ion: 92 Resp: 4625

Ion Ratio Lower Upper

92 100

91 172.4 138.2 207.4

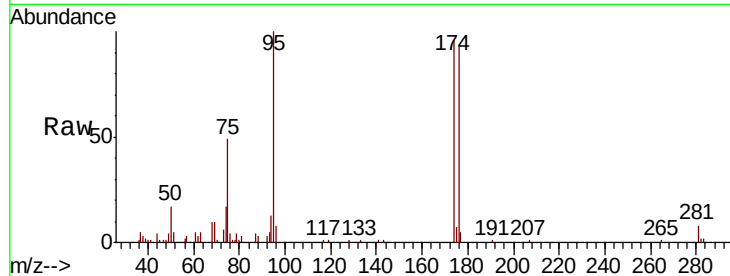




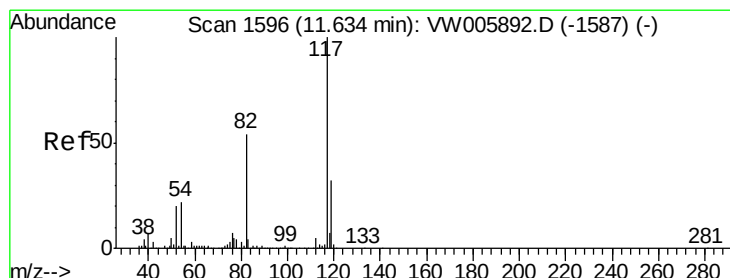
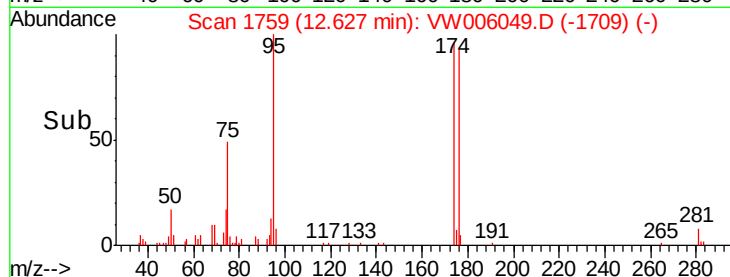
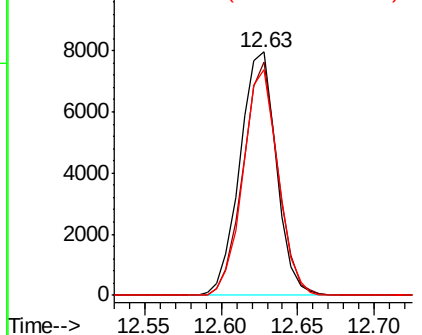
#62
4-Bromofluorobenzene
Concen: 42.365 ug/l
RT: 12.63 min Scan# 1759
Delta R.T. 0.01 min
Lab File: VW006049.D
Acq: 12 Oct 2018 16:28

Instrument :
MSVOA_W
ClientSampled :
MS-SOIL

Tgt Ion: 95 Resp: 13174
Ion Ratio Lower Upper
95 100
174 91.1 0.0 176.4
176 89.1 0.0 173.0

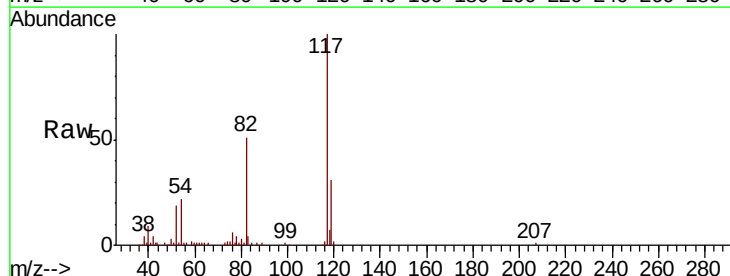


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW

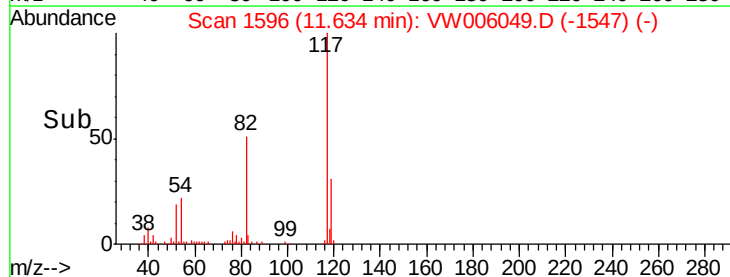
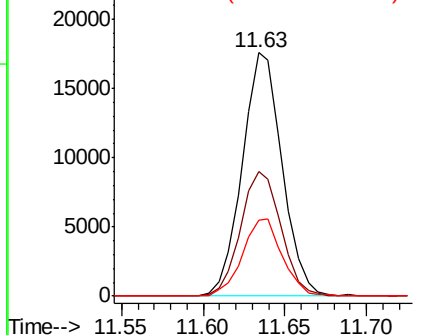


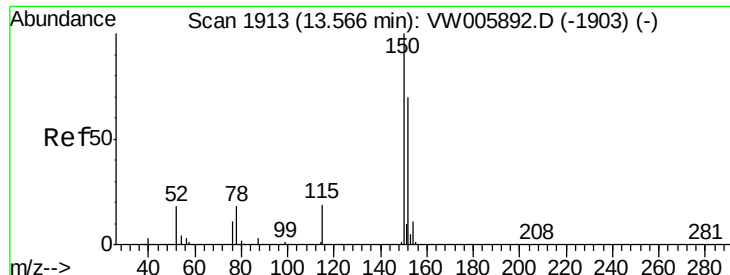
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006049.D
Acq: 12 Oct 2018 16:28

Tgt Ion: 117 Resp: 29879
Ion Ratio Lower Upper
117 100
82 51.2 43.5 65.3
119 31.3 25.4 38.2



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

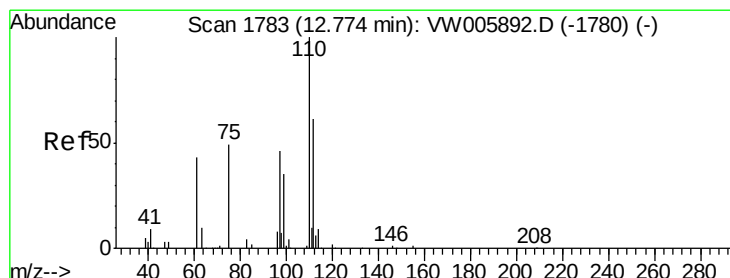
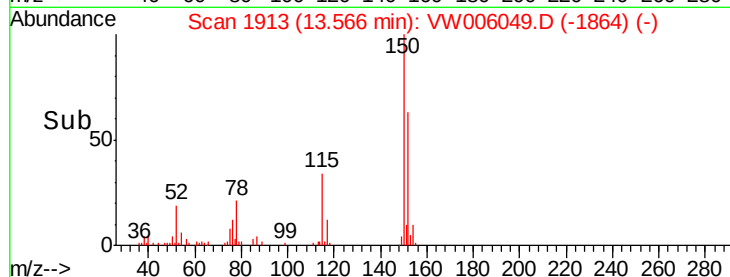
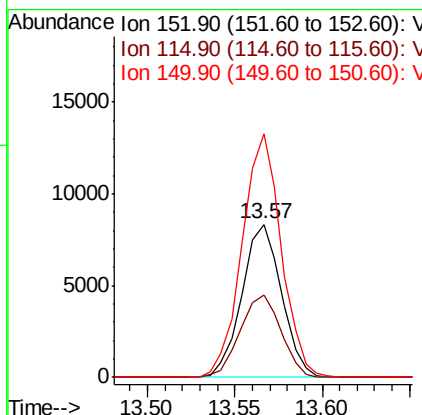
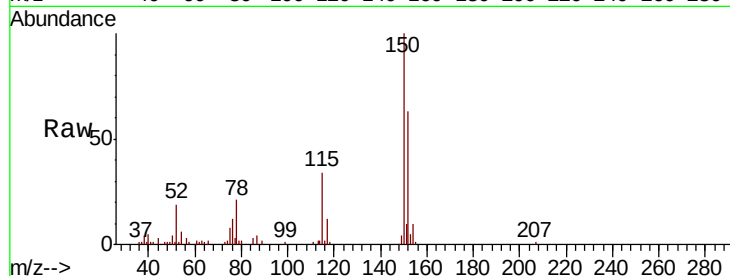




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1913
 Delta R.T. -0.00 min
 Lab File: VW006049.D
 Acq: 12 Oct 2018 16:28

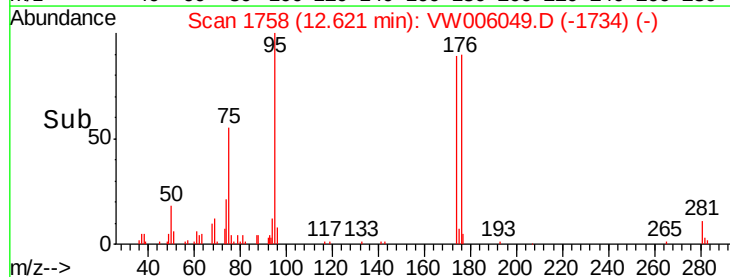
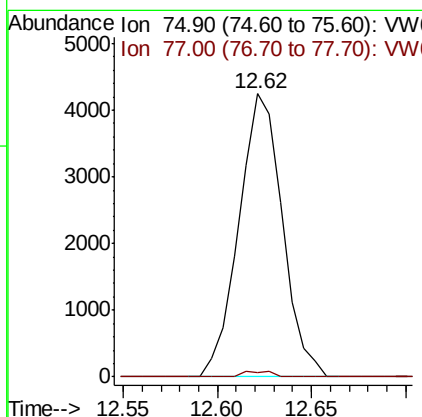
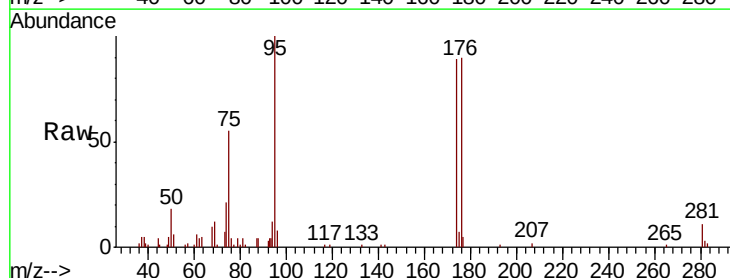
Instrument :
 MSVOA_W
 ClientSampleId :
 MS-SOIL

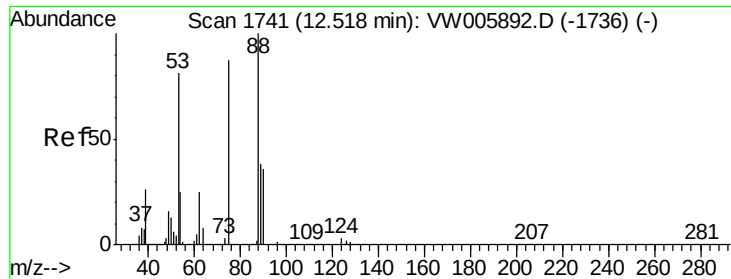
Tgt Ion: 152 Resp: 13141
 Ion Ratio Lower Upper
 152 100
 115 55.3 28.3 85.0
 150 156.3 0.0 349.2



#76
 1,2,3-Trichloropropane
 Concen: 58.014 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW006049.D
 Acq: 12 Oct 2018 16:28

Tgt Ion: 75 Resp: 6810
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 122.474 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006049.D

Acq: 12 Oct 2018 16:28

Instrument :

MSVOA_W

ClientSampleId :

MS-SOIL

Tgt Ion: 75 Resp: 6810

Ion Ratio Lower Upper

75 100

53 0.0 76.5 114.7#

89 0.0 37.6 56.4#

