

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 15 10:11:27 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

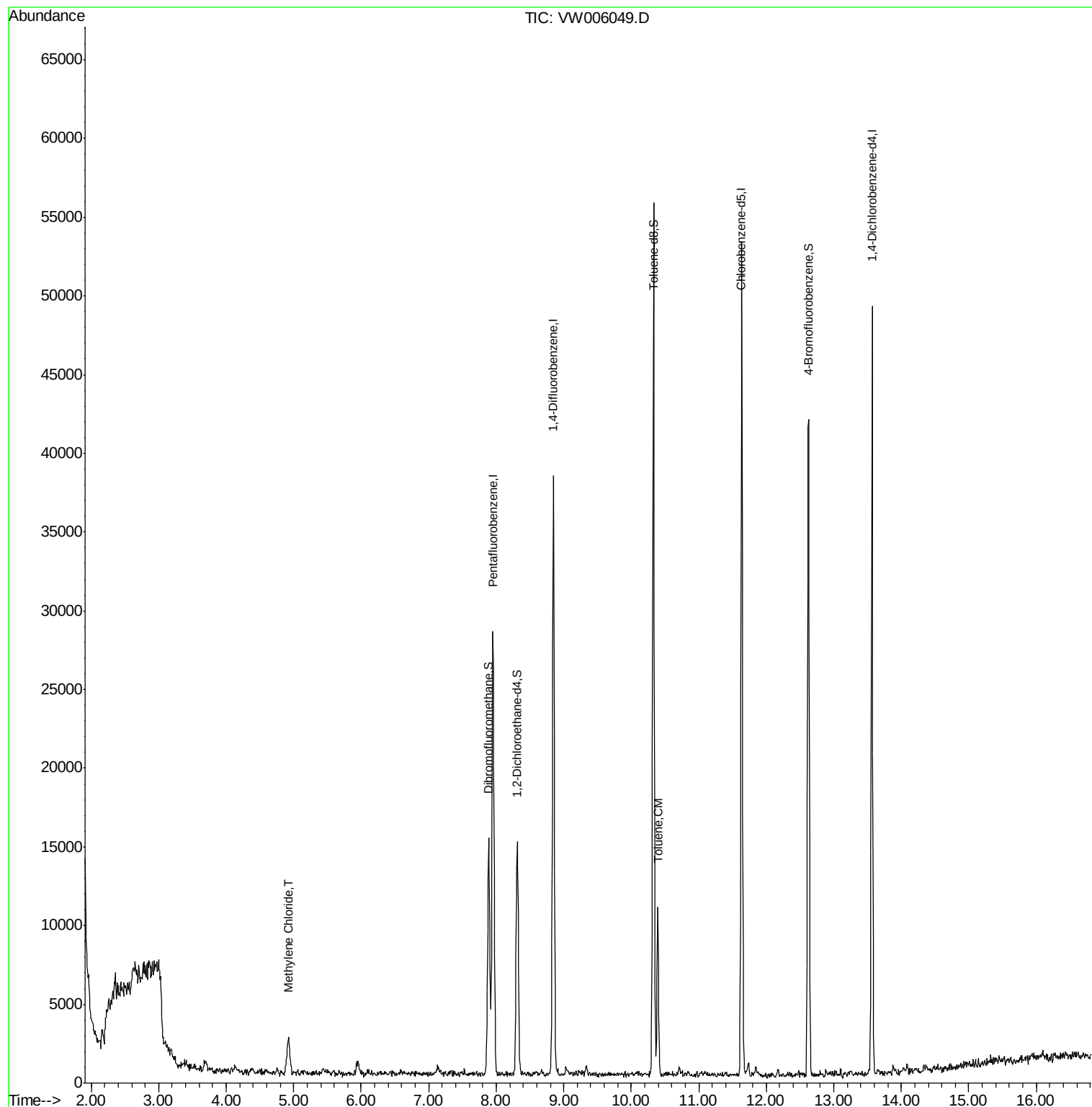
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	22777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	33273	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	29879	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	13141	50.00	ug/l	0.00
System Monitoring Compounds						
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						
20) Methylene Chloride	4.92	84	1830	8.27	ug/l	Qvalue 89
52) Toluene	10.40	92	4625	8.07	ug/l	100

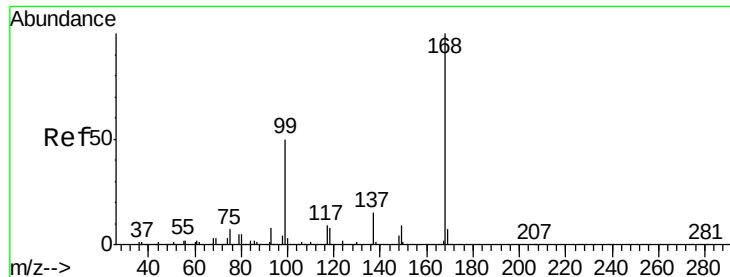
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 2018
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#1

Pentafluorobenzene

Concen: 50.00 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

ClientSampled :

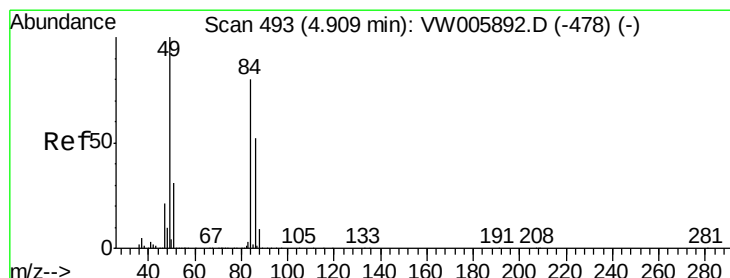
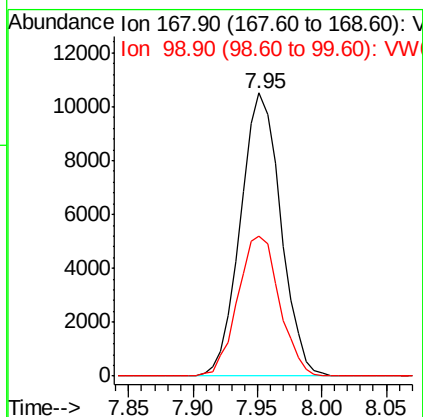
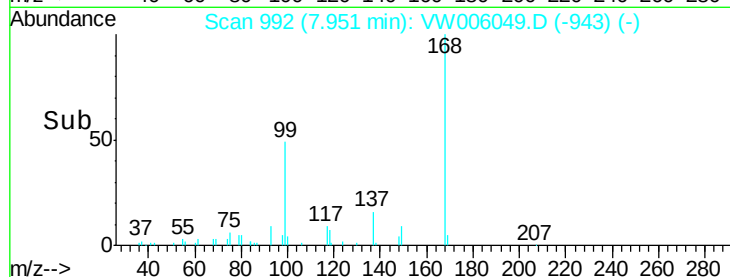
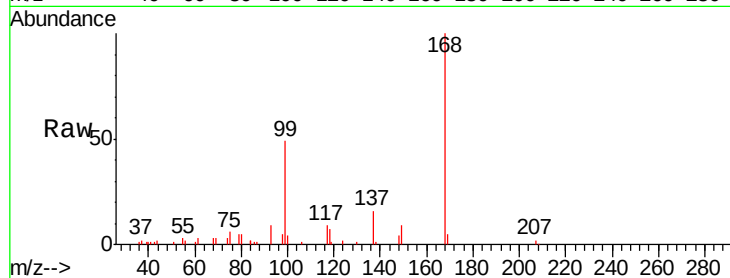
MS-SOIL

Tgt Ion:168 Resp: 22777

Ion Ratio Lower Upper

168 100

99 49.3 40.9 61.3



#20

Methylene Chloride

Concen: 8.27 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

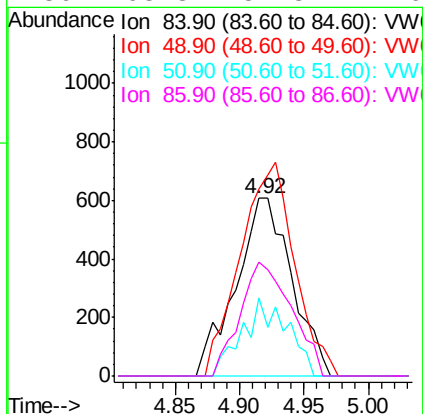
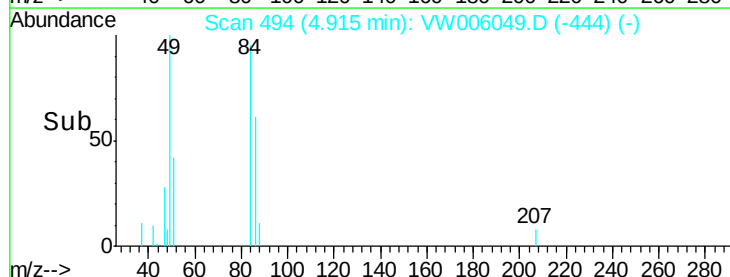
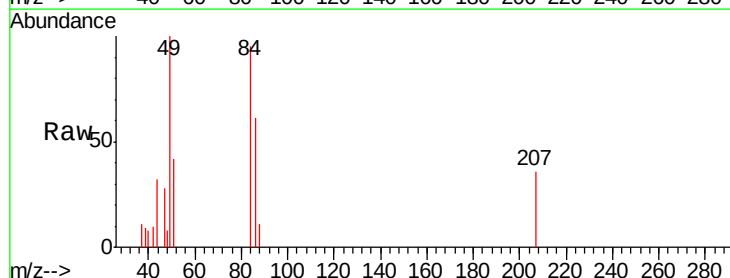
Ion Ratio Lower Upper

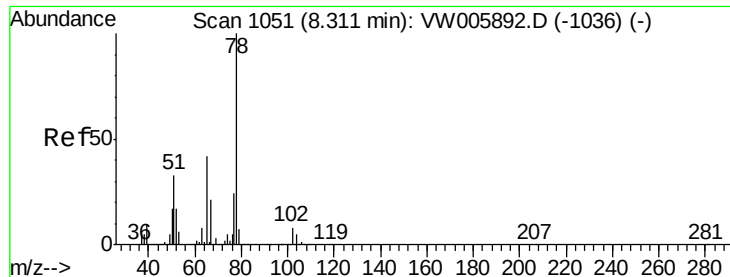
84 100

49 105.3 99.9 149.9

51 43.9 31.1 46.7

86 63.8 51.8 77.6

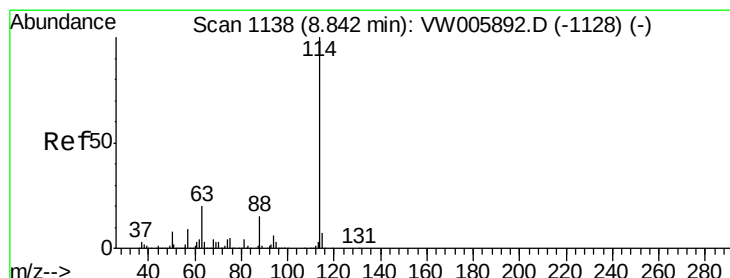
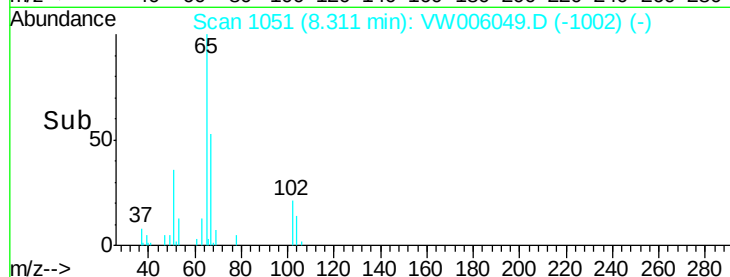
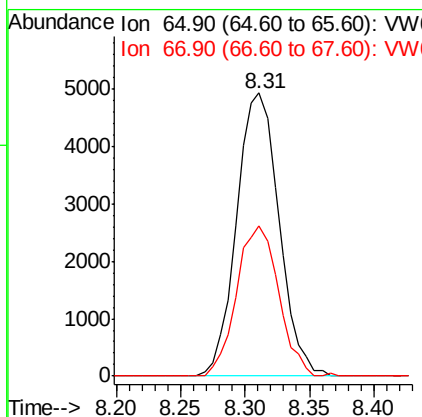
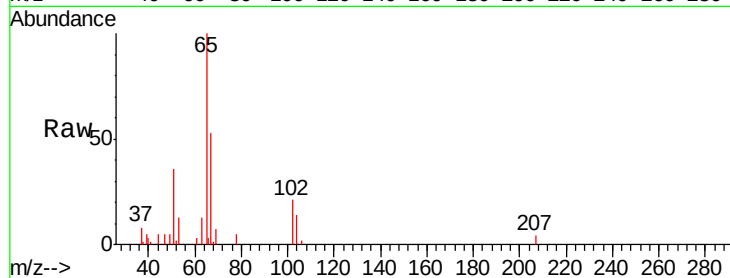




#33
 1,2-Dichloroethane-d4
 Concen: 50.83 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006049.D
 Acq: 12 Oct 2018 16:28

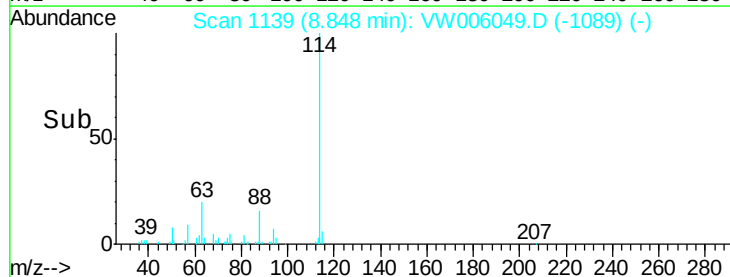
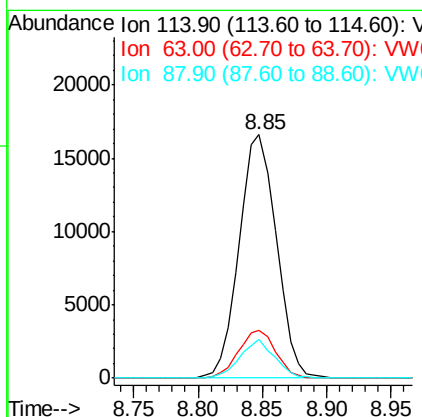
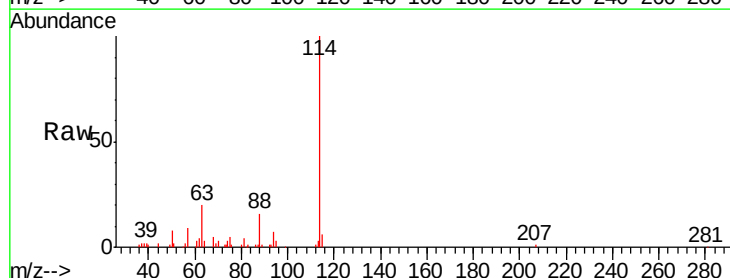
Instrument :
 MSVOA_W
 ClientSampled :
 MS-SOIL

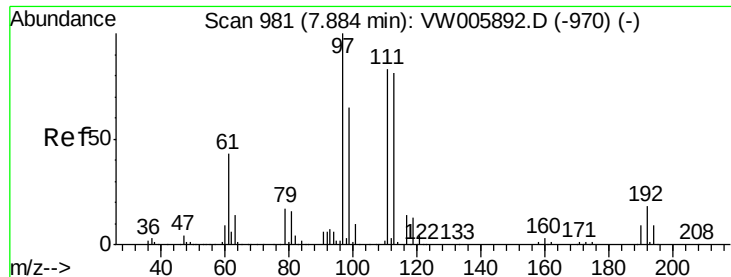
Tgt Ion: 65 Resp: 11240
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 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: 51.39 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

ClientSampled :

MS-SOIL

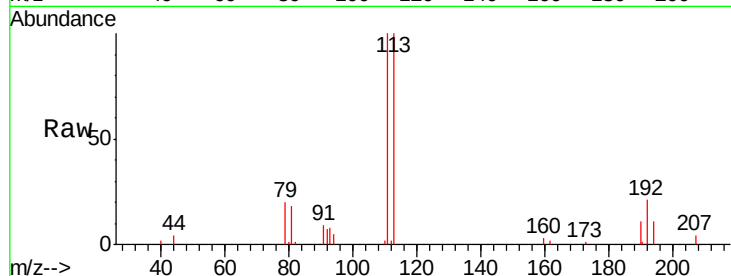
Tgt Ion:113 Resp: 10917

Ion Ratio Lower Upper

113 100

111 100.0 82.0 123.0

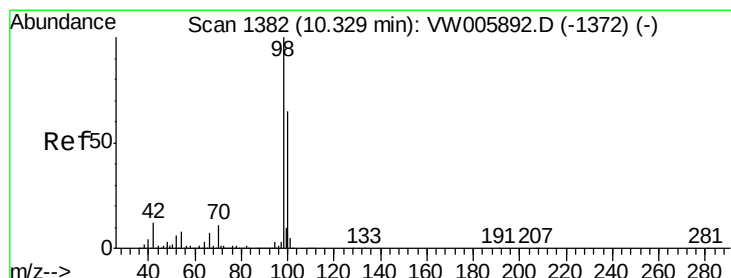
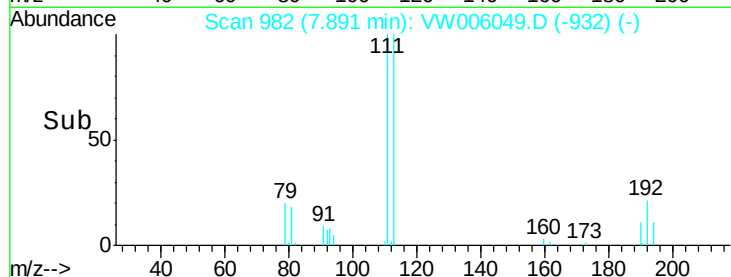
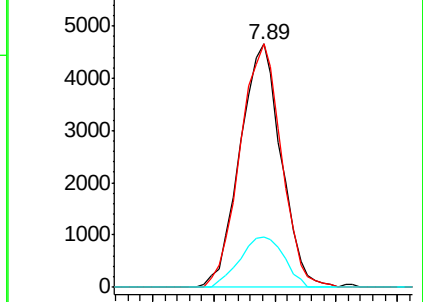
192 22.1 18.3 27.5



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



#50

Toluene-d8

Concen: 47.27 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006049.D

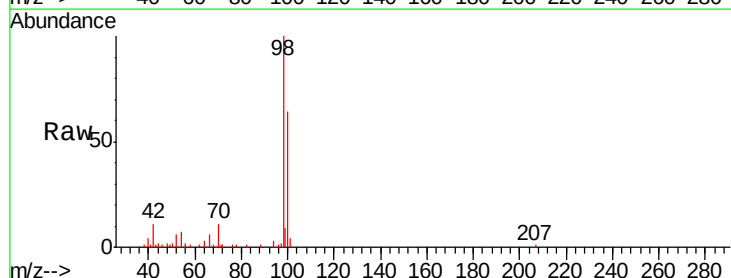
Acq: 12 Oct 2018 16:28

Tgt Ion: 98 Resp: 38638

Ion Ratio Lower Upper

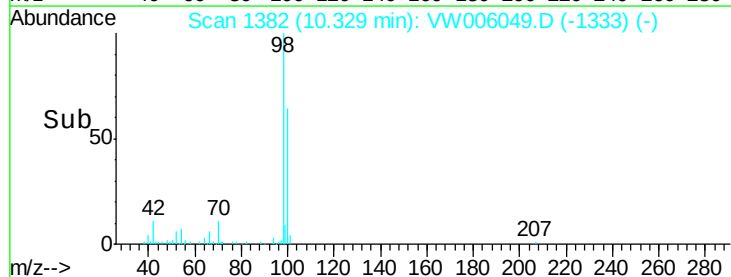
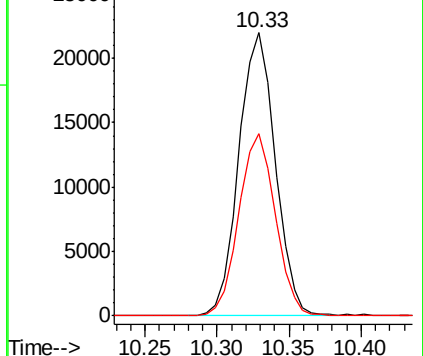
98 100

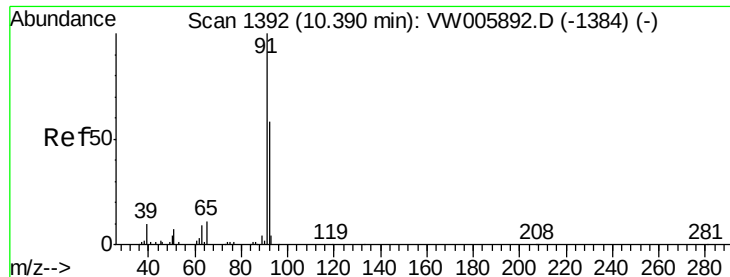
100 64.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 8.07 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.01 min

Lab File: VW006049.D

Acq: 12 Oct 2018 16:28

Instrument :

MSVOA_W

ClientSampleId :

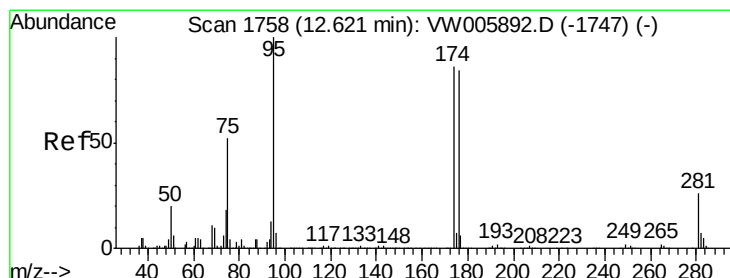
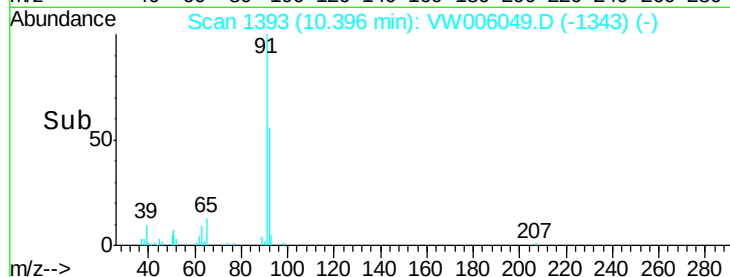
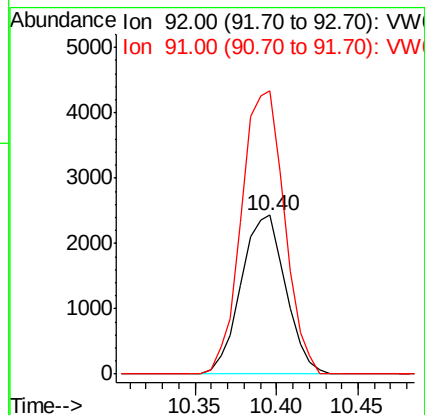
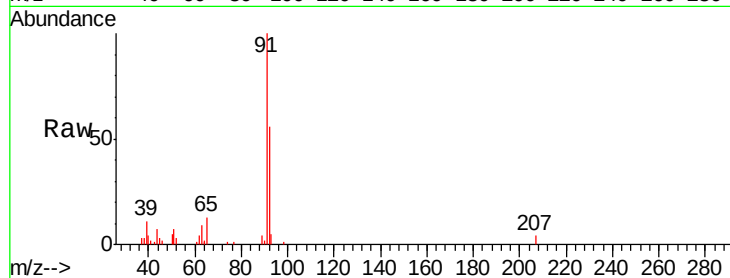
MS-SOIL

Tgt Ion: 92 Resp: 4625

Ion Ratio Lower Upper

92 100

91 172.4 138.2 207.4



#62

4-Bromofluorobenzene

Concen: 42.37 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW006049.D

Acq: 12 Oct 2018 16:28

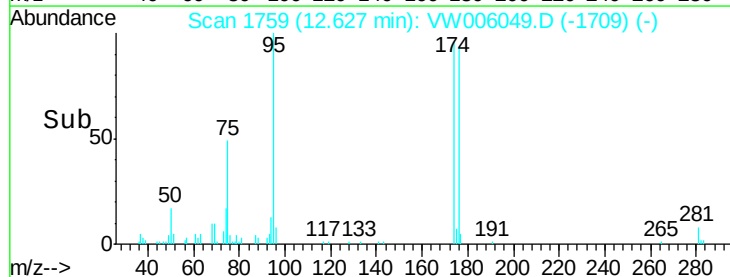
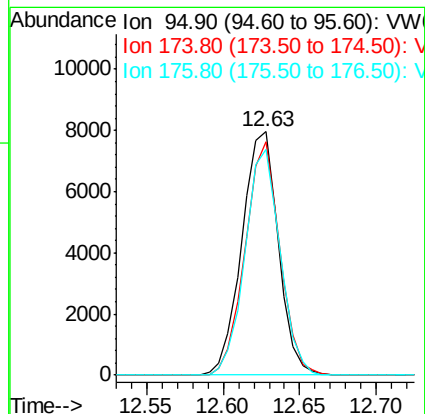
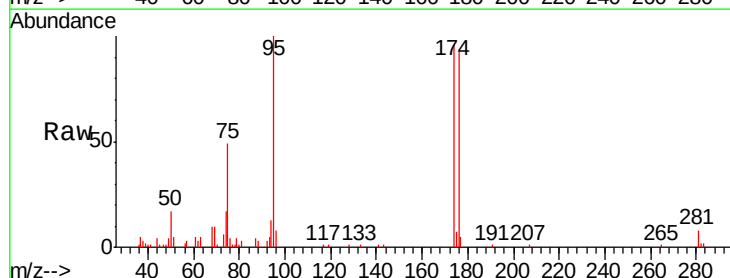
Tgt Ion: 95 Resp: 13174

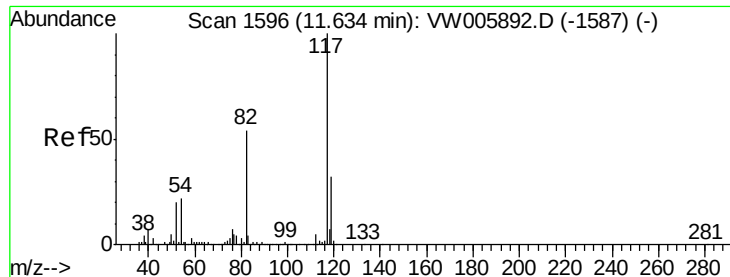
Ion Ratio Lower Upper

95 100

174 91.1 0.0 176.4

176 89.1 0.0 173.0





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW006049.D

Acq: 12 Oct 2018 16:28

Instrument :

MSVOA_W

ClientSampled :

MS-SOIL

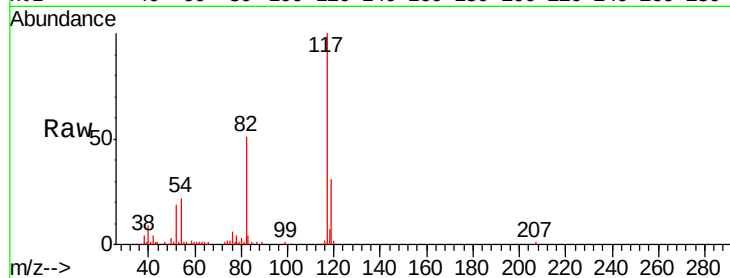
Tgt Ion:117 Resp: 29879

Ion Ratio Lower Upper

117 100

82 51.2 43.5 65.3

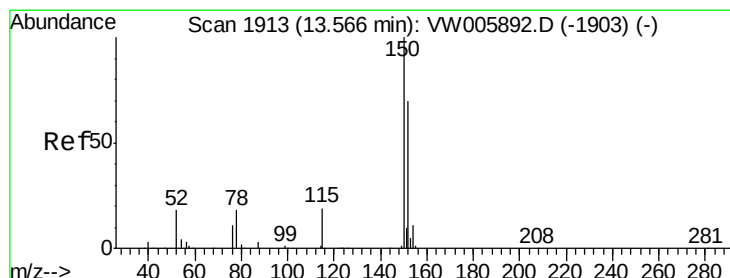
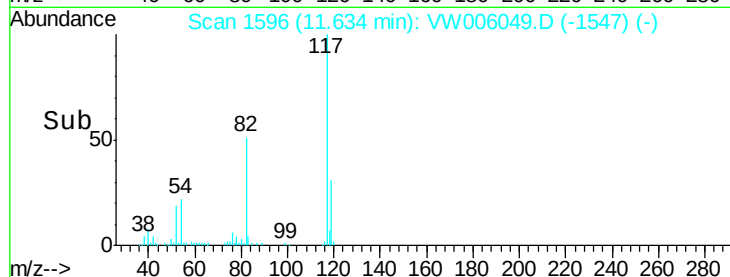
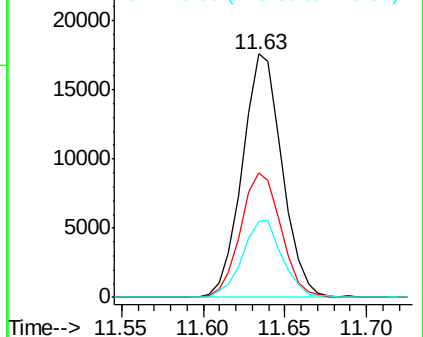
119 31.3 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): 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: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006049.D

Acq: 12 Oct 2018 16:28

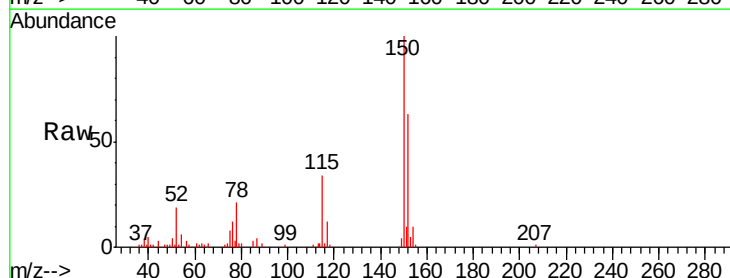
Tgt Ion:152 Resp: 13141

Ion Ratio Lower Upper

152 100

115 55.3 28.3 85.0

150 156.3 0.0 349.2



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

