

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072318\
 Data File : VW004133.D
 Acq On : 23 Jul 2018 13:27
 Operator : SY/AP
 Sample : J4016-16RE
 Misc : 8.47G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB4-L-8RE

Quant Time: Jul 23 15:28:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

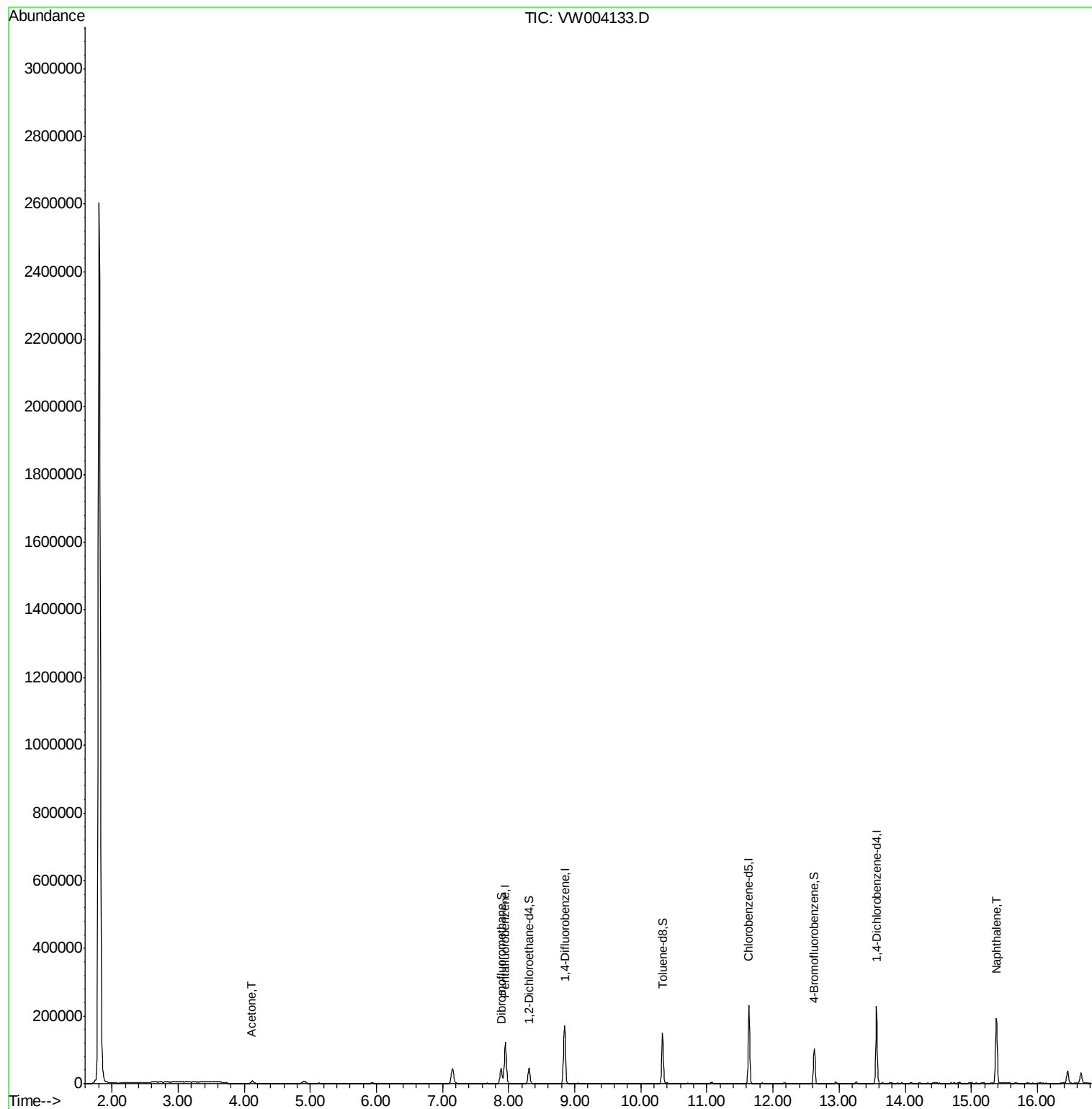
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	88352	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	138831	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	126360	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	57212	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	35585	36.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.06%	
35) Dibromofluoromethane	7.88	113	31967	35.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.78%	
50) Toluene-d8	10.33	98	98210	28.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	56.82%	
62) 4-Bromofluorobenzene	12.62	95	32210	25.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	51.68%	
Target Compounds						
16) Acetone	4.12	43	11420	48.12	ug/l	96
95) Naphthalene	15.38	128	161598	72.42	ug/l	99

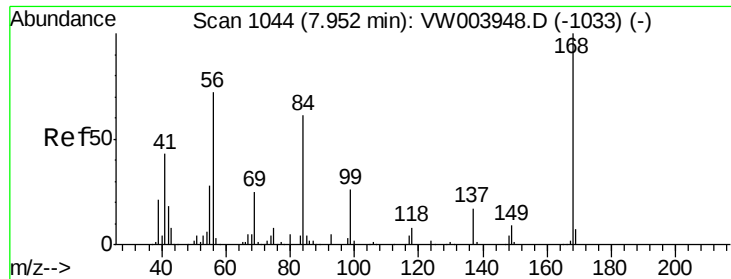
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jul 16 15:06:12 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004133.D

Acq: 23 Jul 2018 13:27

Instrument :

MSVOA_W

ClientSampleId :

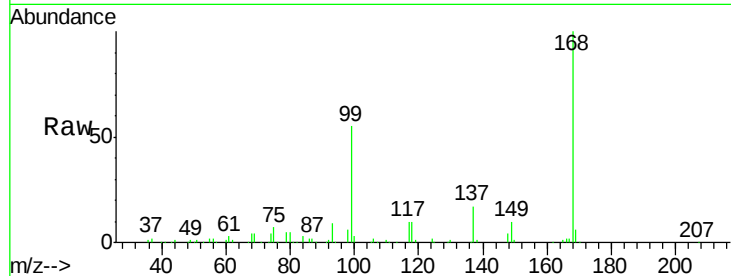
SB4-L-8RE

Tot Ion:168 Resp: 88352

Ion Ratio Lower Upper

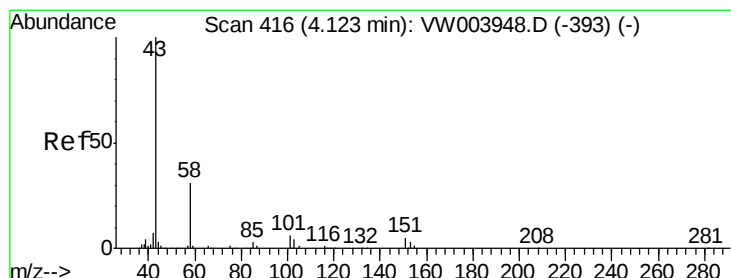
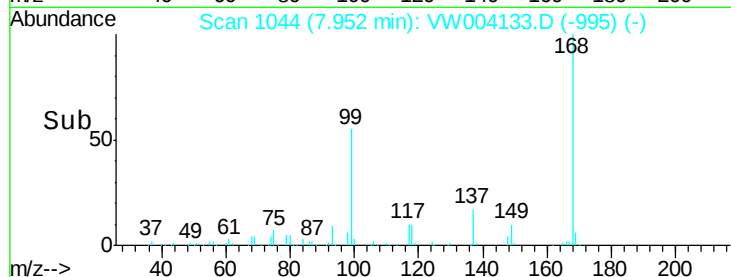
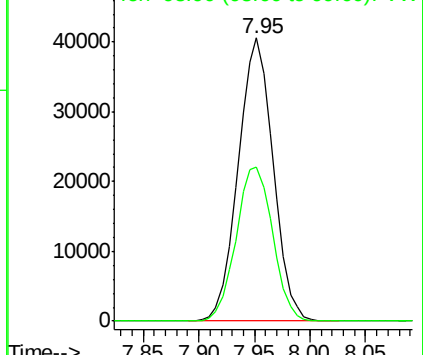
168 100

99 54.6 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 48.12 ug/l

RT: 4.12 min Scan# 415

Delta R.T. -0.01 min

Lab File: VW004133.D

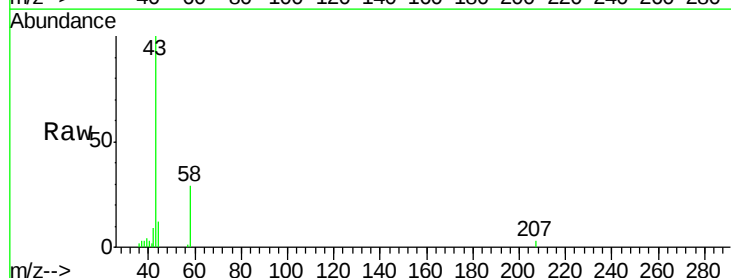
Acq: 23 Jul 2018 13:27

Tgt Ion: 43 Resp: 11420

Ion Ratio Lower Upper

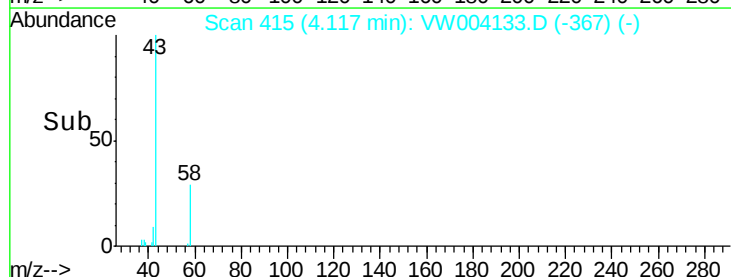
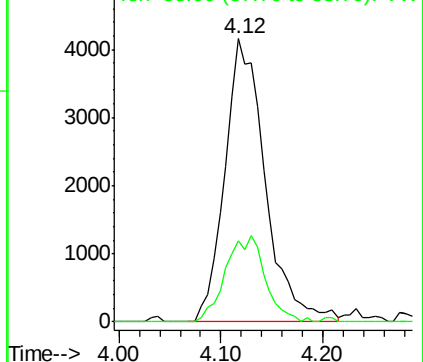
43 100

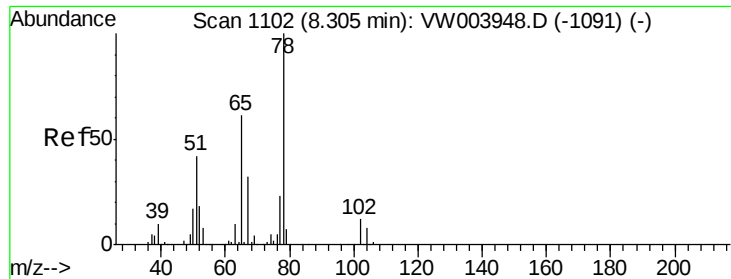
58 28.6 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

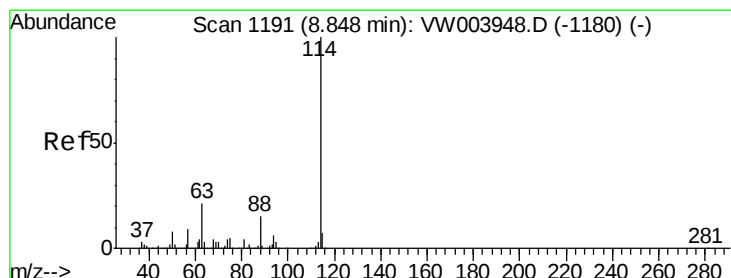
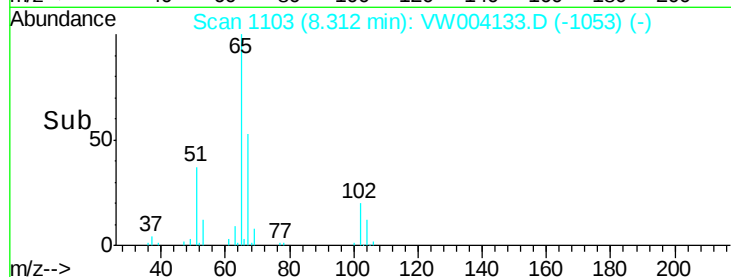
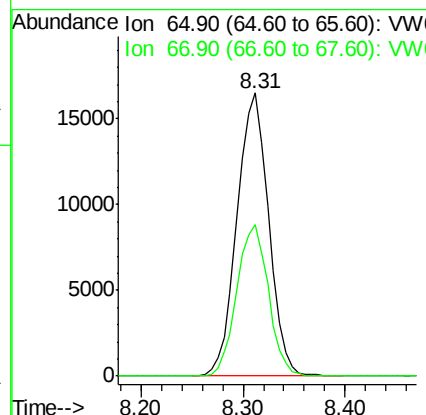
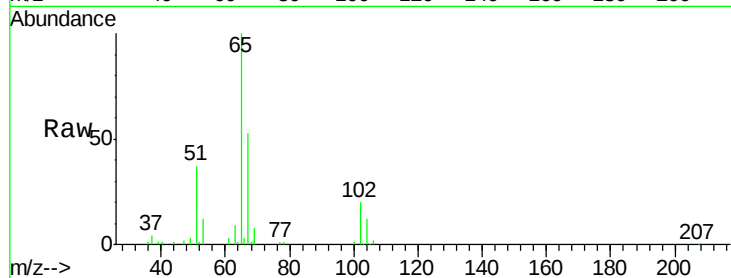




#33
 1,2-Dichloroethane-d4
 Concen: 36.03 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: VW004133.D
 Acq: 23 Jul 2018 13:27

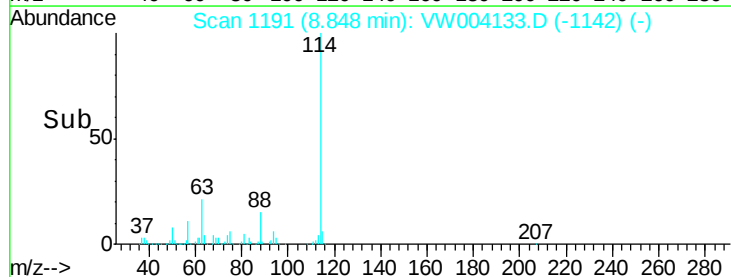
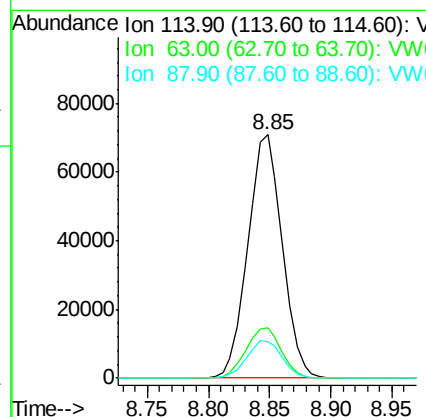
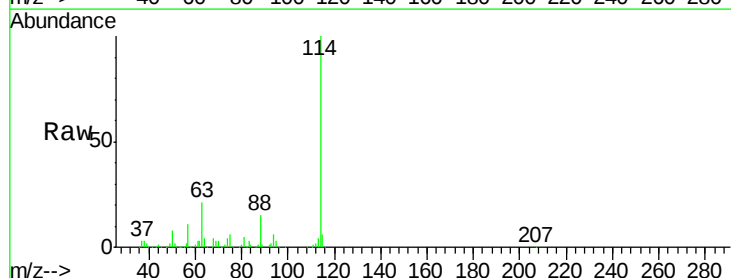
Instrument :
 MSVOA_W
 ClientSampleId :
 SB4-L-8RE

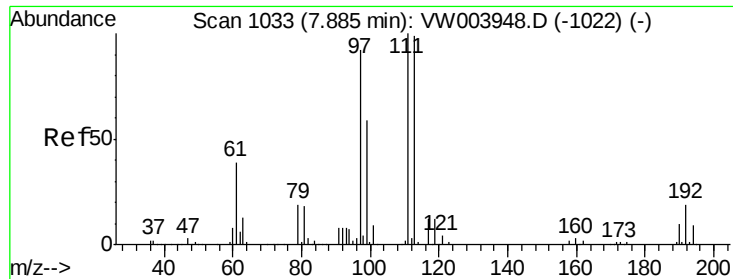
Tot Ion: 65 Resp: 35585
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004133.D
 Acq: 23 Jul 2018 13:27

Tgt Ion: 114 Resp: 138831
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 42.8
 88 14.8 0.0 30.4

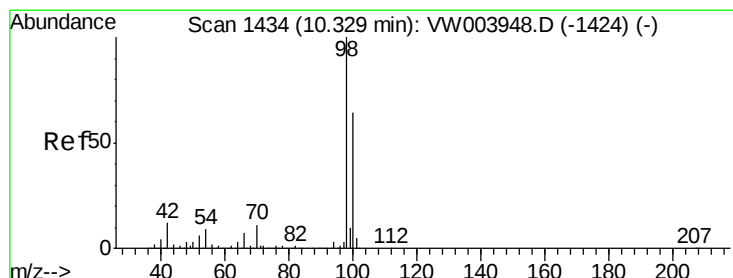
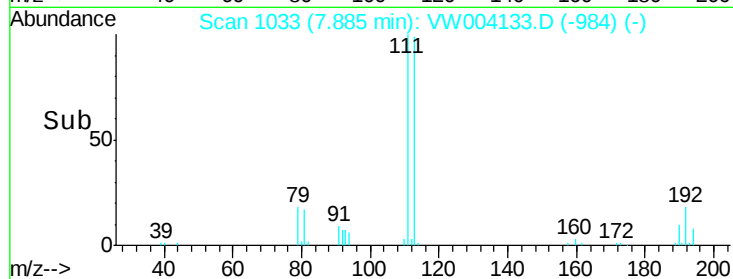
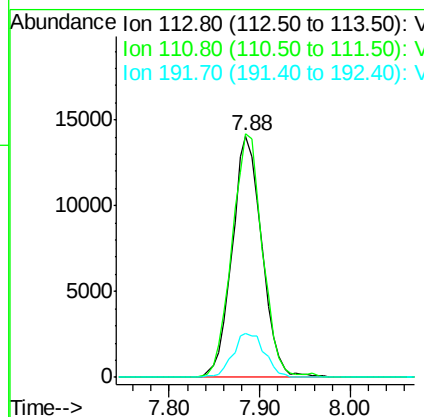
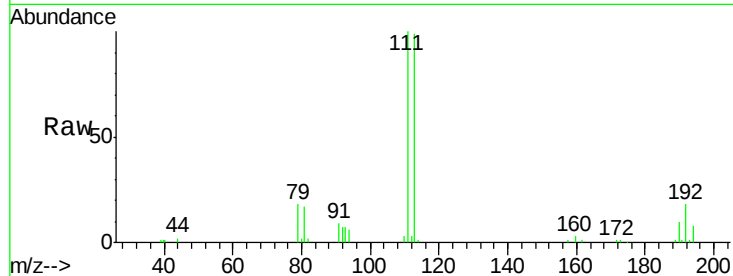




#35
 Dibromofluoromethane
 Concen: 35.89 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004133.D
 Acq: 23 Jul 2018 13:27

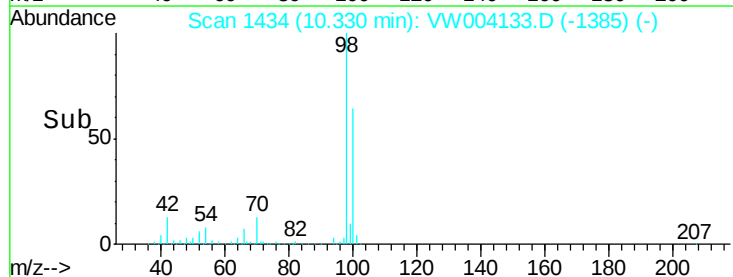
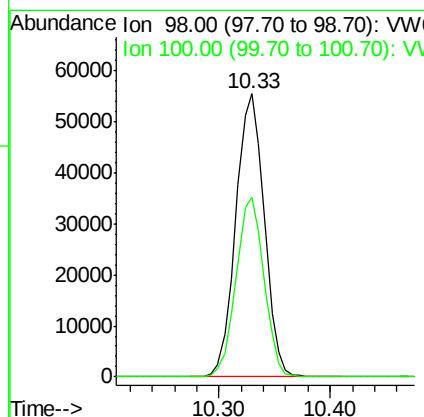
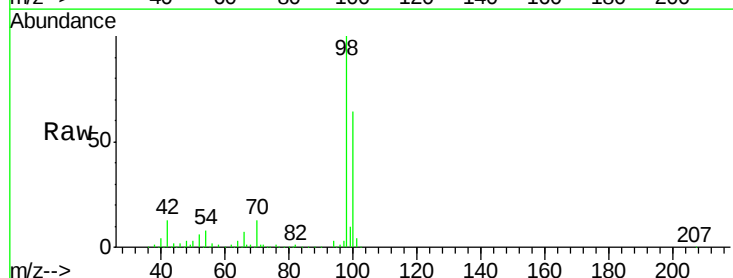
Instrument :
 MSVOA_W
 ClientSampleId :
 SB4-L-8RE

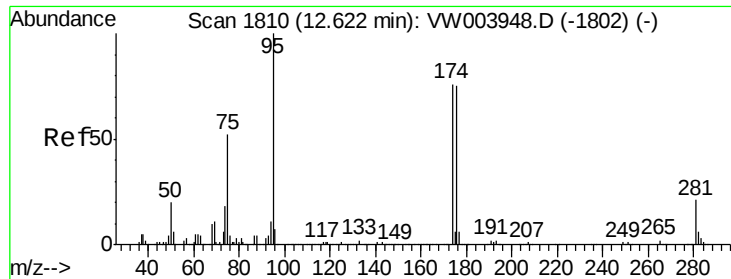
Tot Ion:113 Resp: 31967
 Ion Ratio Lower Upper
 113 100
 111 103.5 81.3 121.9
 192 19.4 15.8 23.6



#50
 Toluene-d8
 Concen: 28.41 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW004133.D
 Acq: 23 Jul 2018 13:27

Tgt Ion: 98 Resp: 98210
 Ion Ratio Lower Upper
 98 100
 100 62.3 51.2 76.8

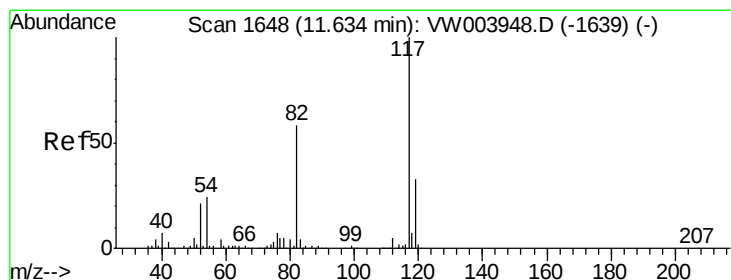
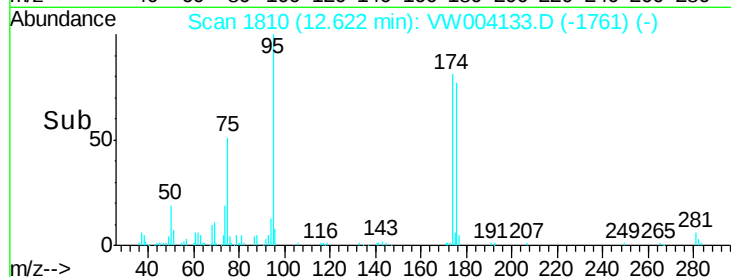
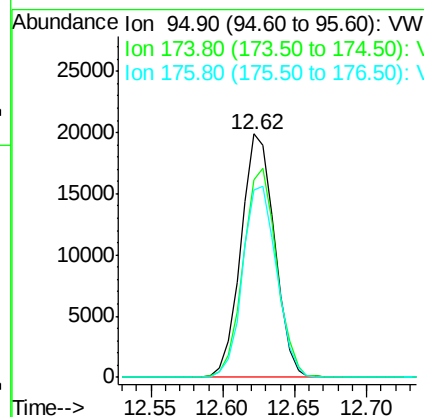
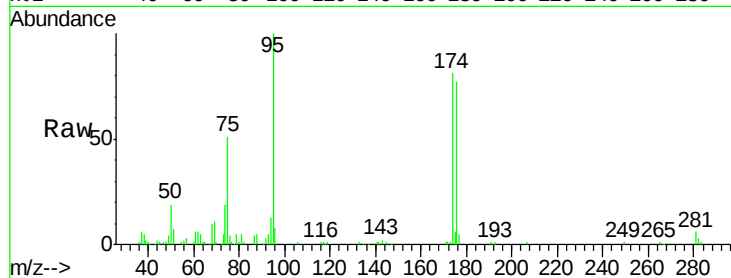




#62
4-Bromofluorobenzene
Concen: 25.84 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VW004133.D
Acq: 23 Jul 2018 13:27

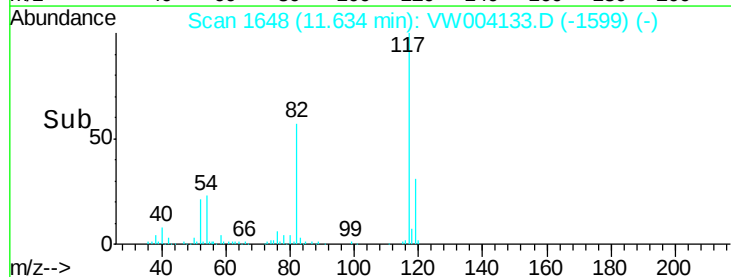
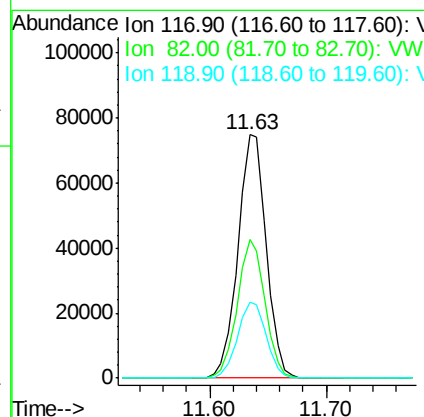
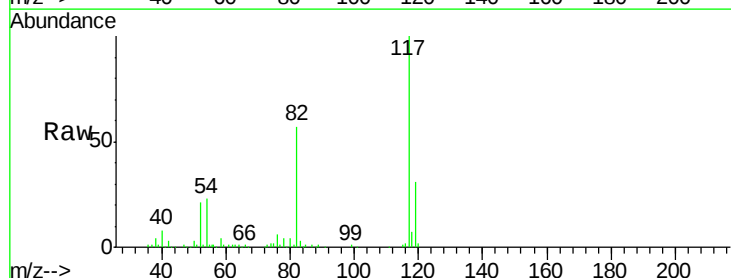
Instrument :
MSVOA_W
ClientSampleId :
SB4-L-8RE

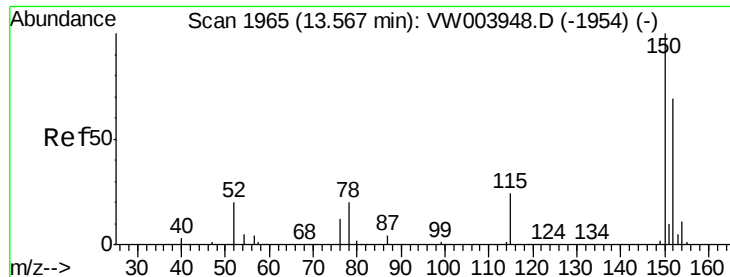
Tot Ion: 95 Resp: 32210
Ion Ratio Lower Upper
95 100
174 85.2 0.0 160.2
176 79.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004133.D
Acq: 23 Jul 2018 13:27

Tgt Ion: 117 Resp: 126360
Ion Ratio Lower Upper
117 100
82 57.2 46.5 69.7
119 31.4 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW004133.D

Acq: 23 Jul 2018 13:27

Instrument :

MSVOA_W

ClientSampleId :

SB4-L-8RE

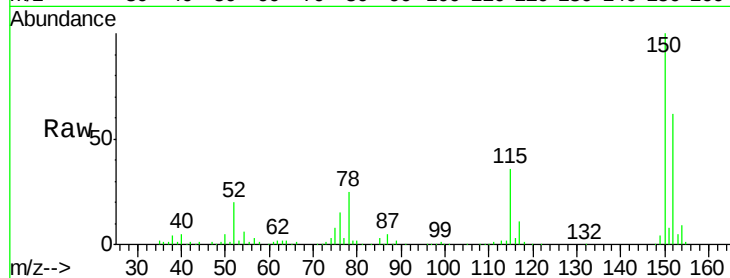
Tot Ion:152 Resp: 57212

Ion Ratio Lower Upper

152 100

115 58.2 29.2 87.6

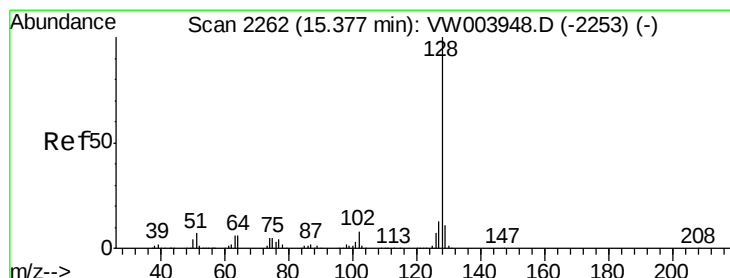
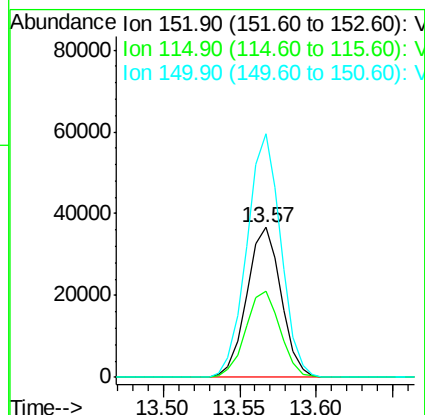
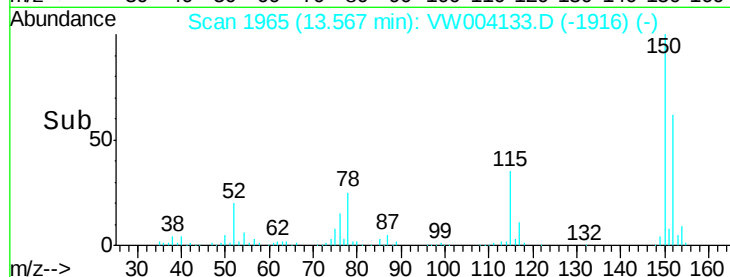
150 160.8 0.0 345.2



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



#95

Naphthalene

Concen: 72.42 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW004133.D

Acq: 23 Jul 2018 13:27

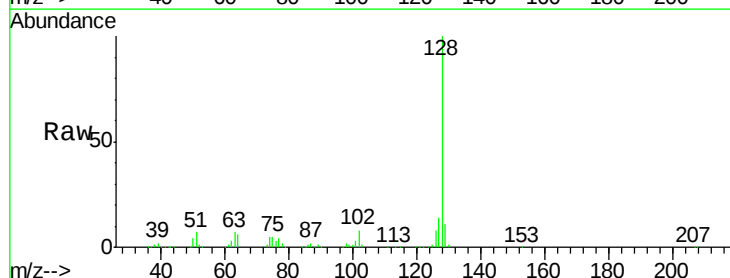
Tgt Ion:128 Resp: 161598

Ion Ratio Lower Upper

128 100

127 14.1 10.7 16.1

129 11.0 8.7 13.1



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

