

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091818\
 Data File : VW005490.D
 Acq On : 18 Sep 2018 20:03
 Operator : SY/AP
 Sample : J4936-19RE
 Misc : 5.84G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 138-KV-2RE

Quant Time: Sep 19 06:40:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	125718	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	158724	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	61845	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	10284	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	48074	36.84	ug/l	0.00
Spiked Amount			Recovery	=	73.68%	
35) Dibromofluoromethane	7.90	113	45795	51.46	ug/l	0.00
Spiked Amount			Recovery	=	102.92%	
50) Toluene-d8	10.33	98	116743	28.64	ug/l	0.00
Spiked Amount			Recovery	=	57.28%	
62) 4-Bromofluorobenzene	12.62	95	12890	8.63	ug/l	0.00
Spiked Amount			Recovery	=	17.26%	

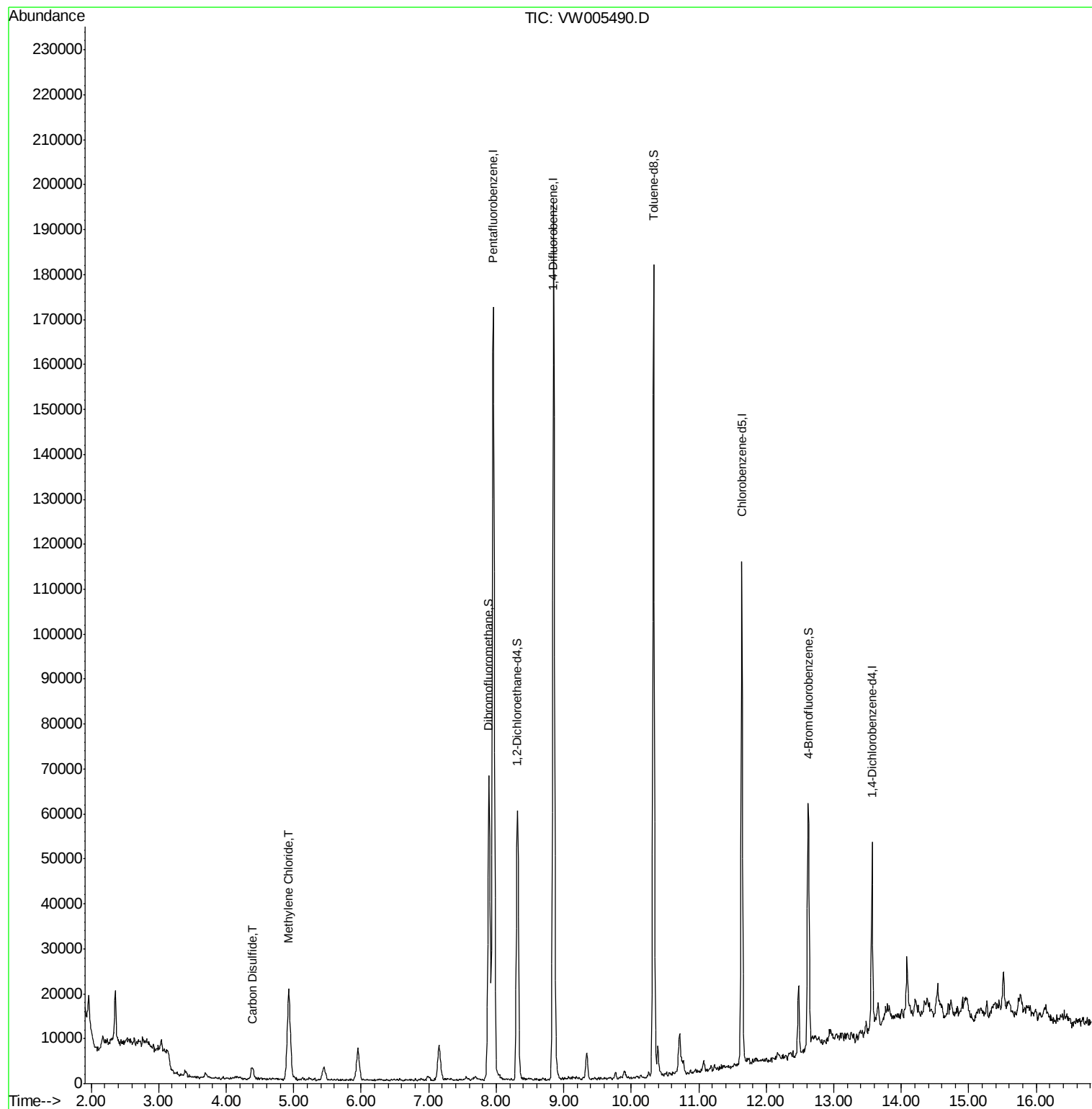
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
17) Carbon Disulfide	4.39	76	5341	1.56	ug/l	95
20) Methylene Chloride	4.92	84	14700	6.34	ug/l	97

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW005490.D

Acq: 18 Sep 2018 20:03

Instrument :

MSVOA_W

ClientSampleId :

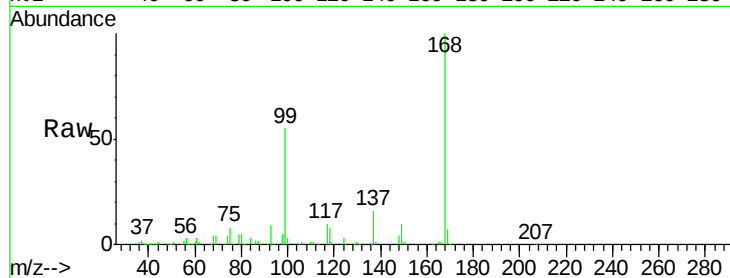
138-KV-2RE

Tot Ion:168 Resp: 125718

Ion Ratio Lower Upper

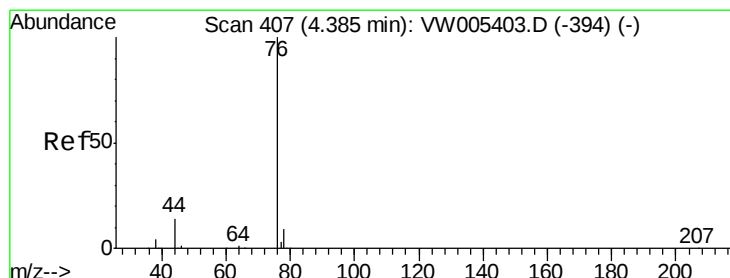
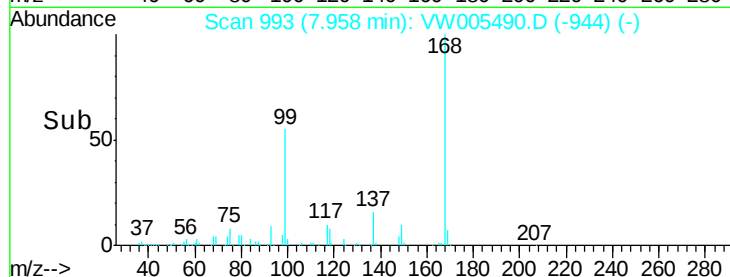
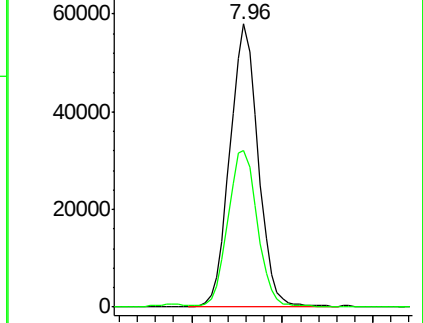
168 100

99 55.2 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#17

Carbon Disulfide

Concen: 1.56 ug/l

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW005490.D

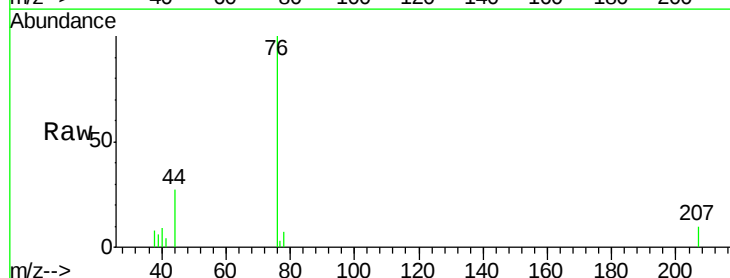
Acq: 18 Sep 2018 20:03

Tgt Ion: 76 Resp: 5341

Ion Ratio Lower Upper

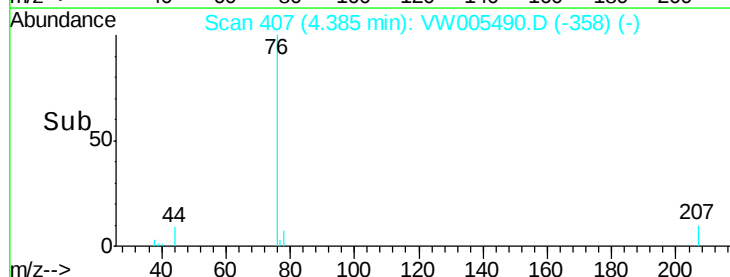
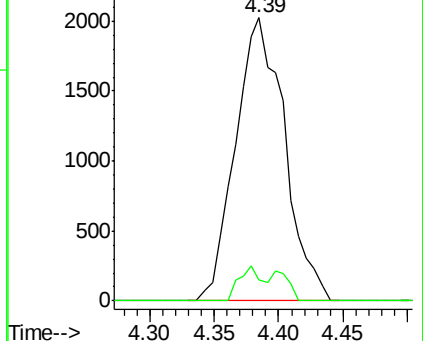
76 100

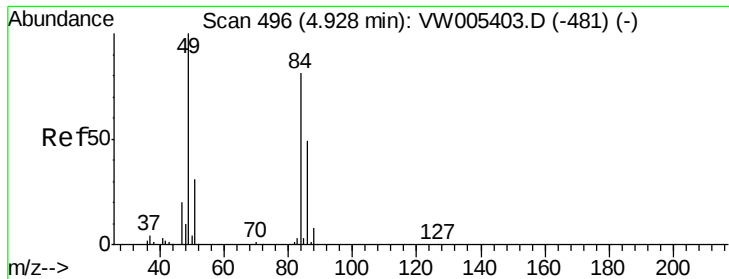
78 7.4 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

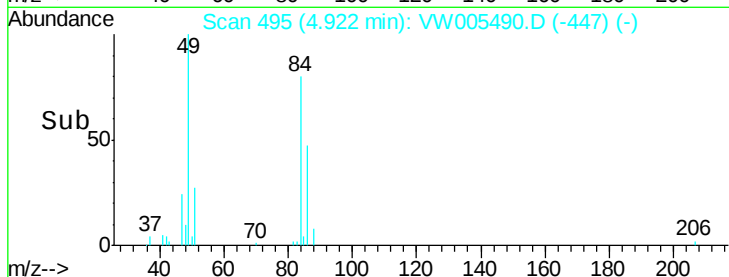
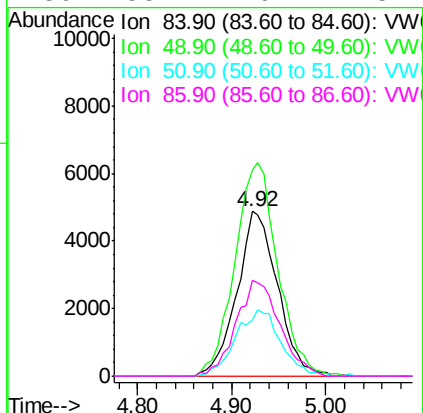
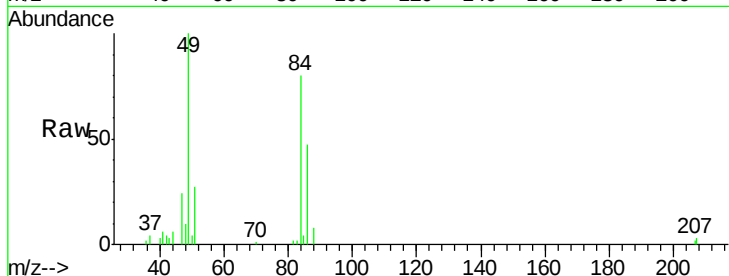




#20
Methylene Chloride
Concen: 6.34 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.01 min
Lab File: VW005490.D
Acq: 18 Sep 2018 20:03

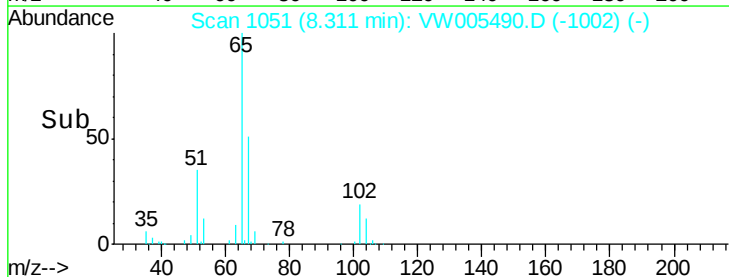
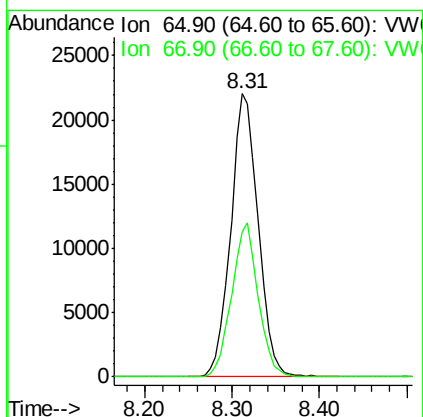
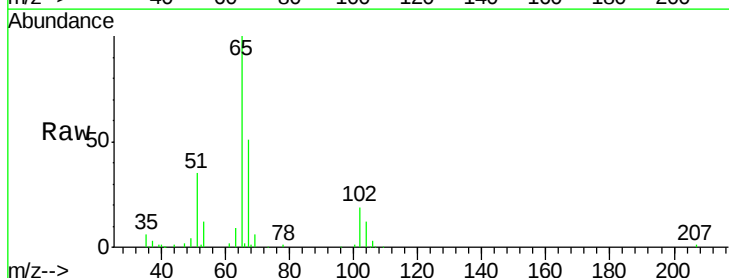
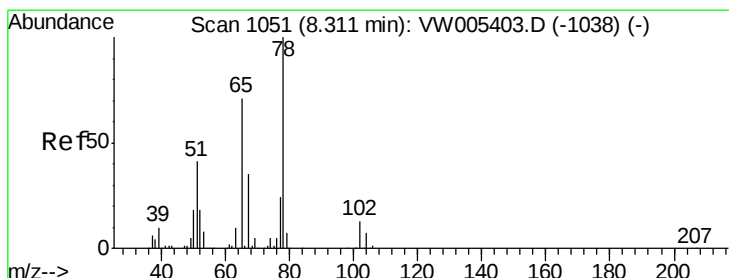
Instrument :
MSVOA_W
ClientSampleId :
138-KV-2RE

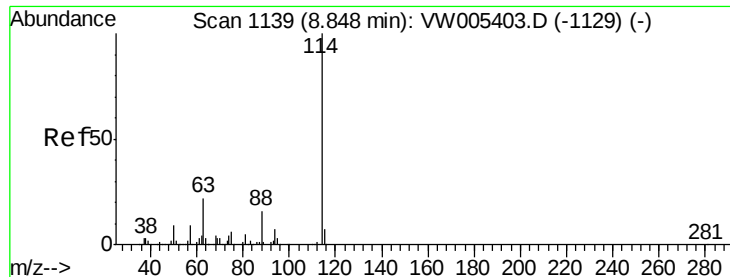
Tot Ion: 84 Resp: 14700
Ion Ratio Lower Upper
84 100
49 125.5 99.3 148.9
51 34.2 31.1 46.7
86 58.7 49.1 73.7



#33
1,2-Dichloroethane-d4
Concen: 36.84 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW005490.D
Acq: 18 Sep 2018 20:03

Tgt Ion: 65 Resp: 48074
Ion Ratio Lower Upper
65 100
67 52.9 0.0 100.6

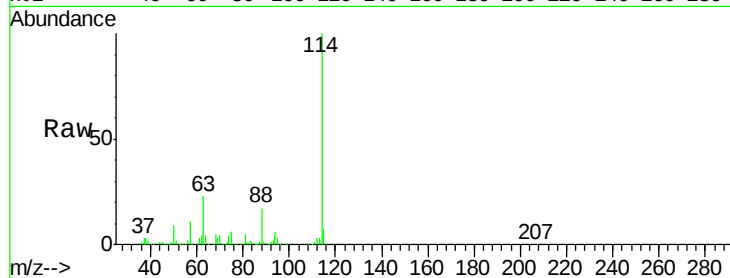




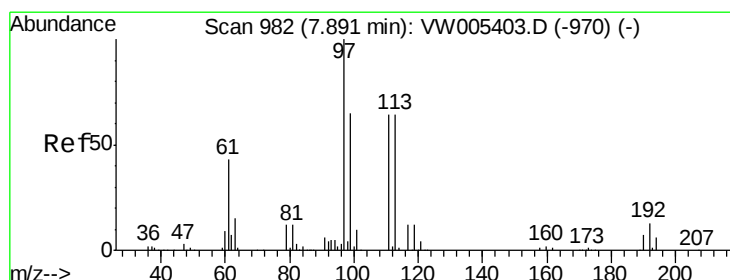
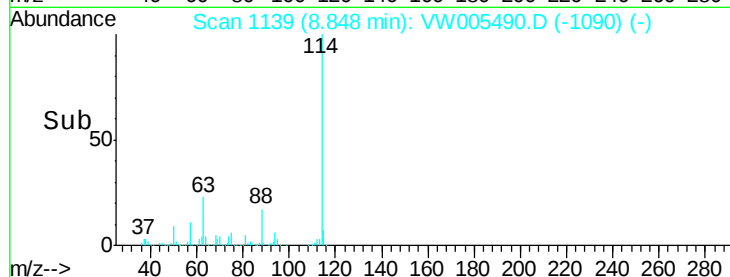
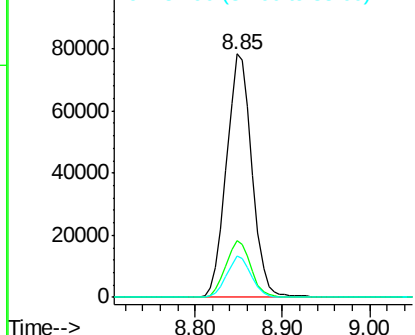
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. 0.00 min
Lab File: VW005490.D
Acq: 18 Sep 2018 20:03

Instrument :
MSVOA_W
ClientSampleId :
138-KV-2RE

Tot Ion:114 Resp: 158724
Ion Ratio Lower Upper
114 100
63 23.1 0.0 43.4
88 16.8 0.0 31.8

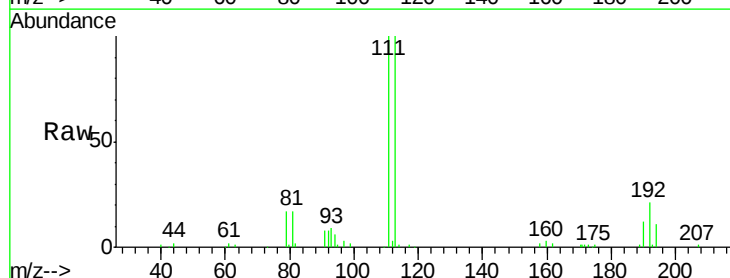


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

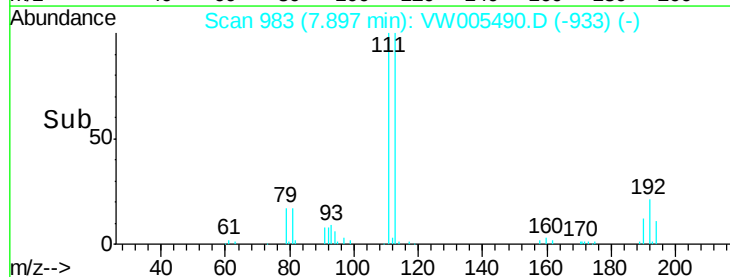
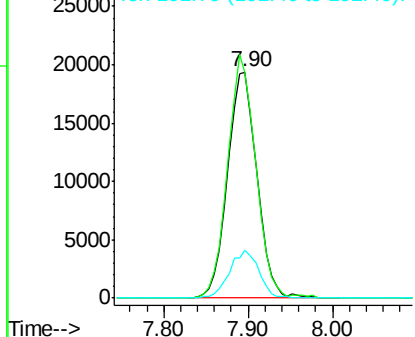


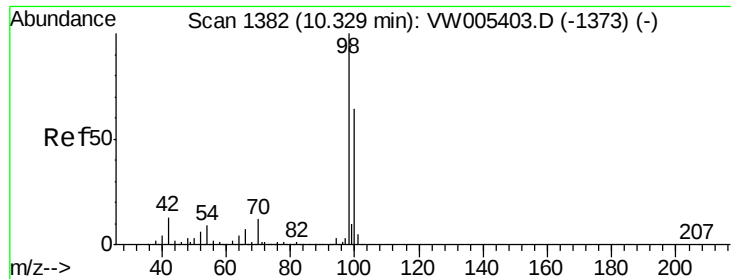
#35
Dibromofluoromethane
Concen: 51.46 ug/l
RT: 7.90 min Scan# 983
Delta R.T. 0.01 min
Lab File: VW005490.D
Acq: 18 Sep 2018 20:03

Tgt Ion:113 Resp: 45795
Ion Ratio Lower Upper
113 100
111 103.6 82.3 123.5
192 20.9 16.5 24.7



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: 28.64 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005490.D

Acq: 18 Sep 2018 20:03

Instrument :

MSVOA_W

ClientSampleId :

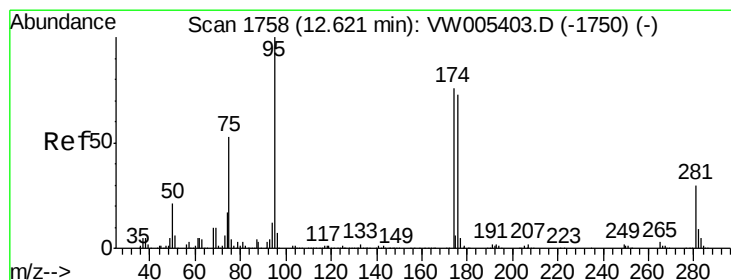
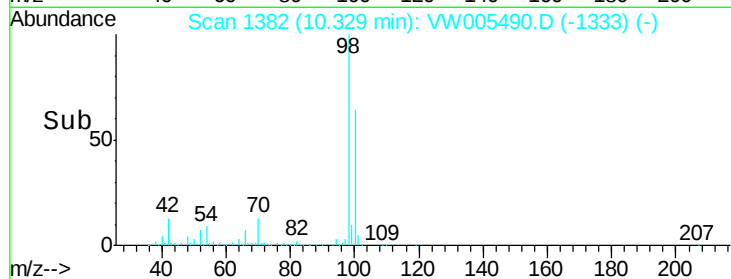
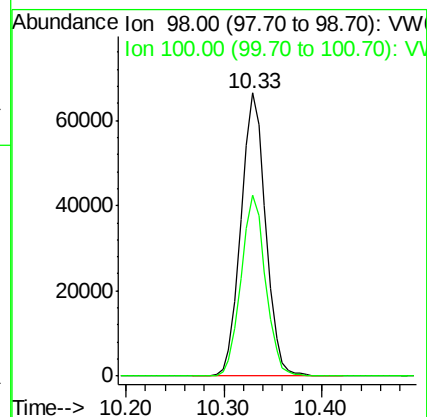
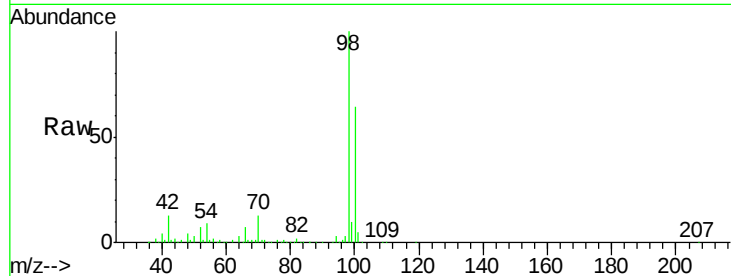
138-KV-2RE

Tot Ion: 98 Resp: 116743

Ion Ratio Lower Upper

98 100

100 63.3 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 8.63 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW005490.D

Acq: 18 Sep 2018 20:03

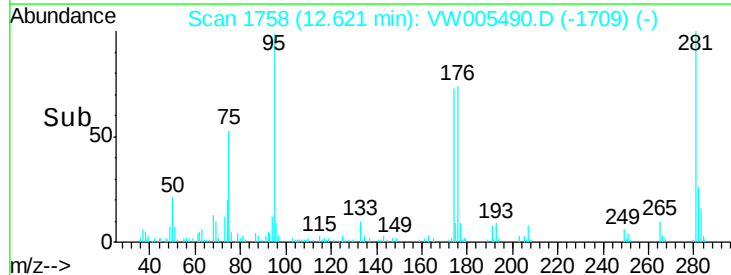
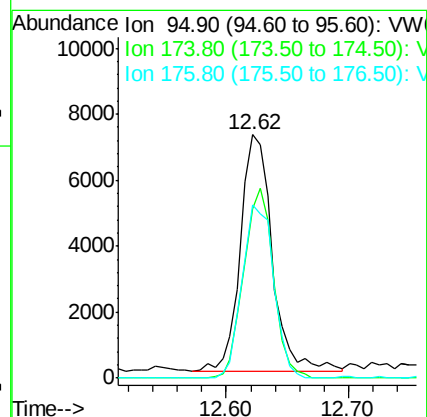
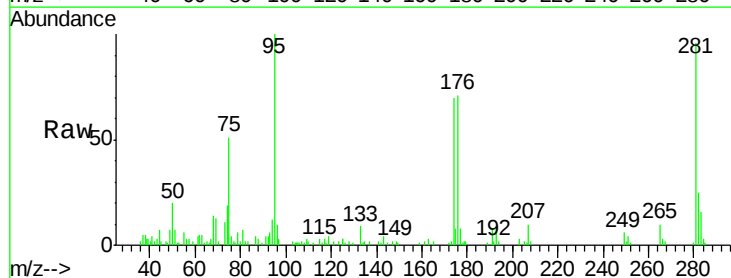
Tgt Ion: 95 Resp: 12890

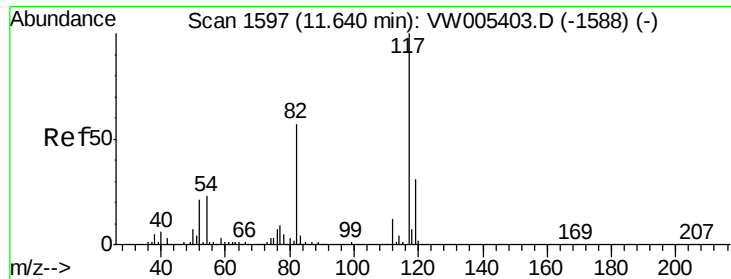
Ion Ratio Lower Upper

95 100

174 75.2 0.0 161.2

176 72.5 0.0 156.6

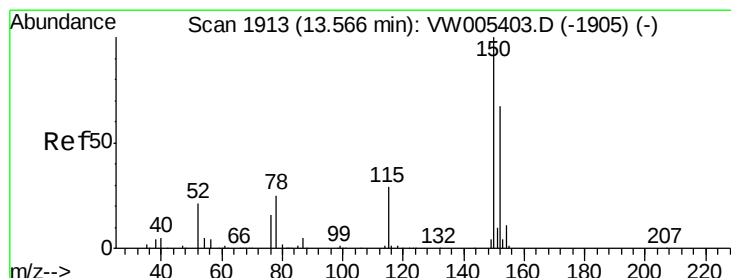
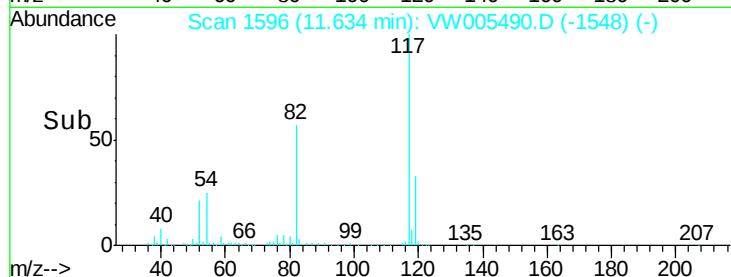
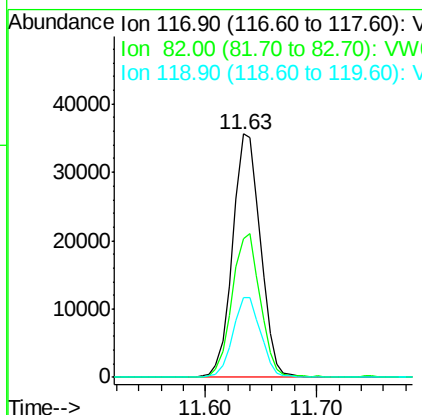
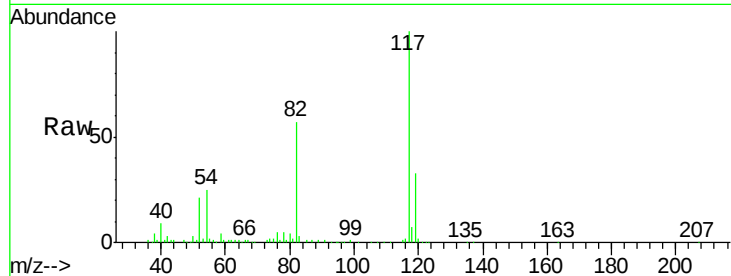




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.01 min
Lab File: VW005490.D
Acq: 18 Sep 2018 20:03

Instrument :
MSVOA_W
ClientSampleId :
138-KV-2RE

Tot Ion:117 Resp: 61845
Ion Ratio Lower Upper
117 100
82 56.9 45.9 68.9
119 32.7 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW005490.D
Acq: 18 Sep 2018 20:03

Tgt Ion:152 Resp: 10284
Ion Ratio Lower Upper
152 100
115 56.9 29.5 88.5
150 157.6 0.0 345.6

