

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
 Data File : VW007195.D
 Acq On : 04 Dec 2018 18:38
 Operator : SY/AP
 Sample : J6168-30
 Misc : 4.6G/5ML/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S6

Quant Time: Dec 05 06:07:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 04 14:18:19 2018
 Response via : Initial Calibration

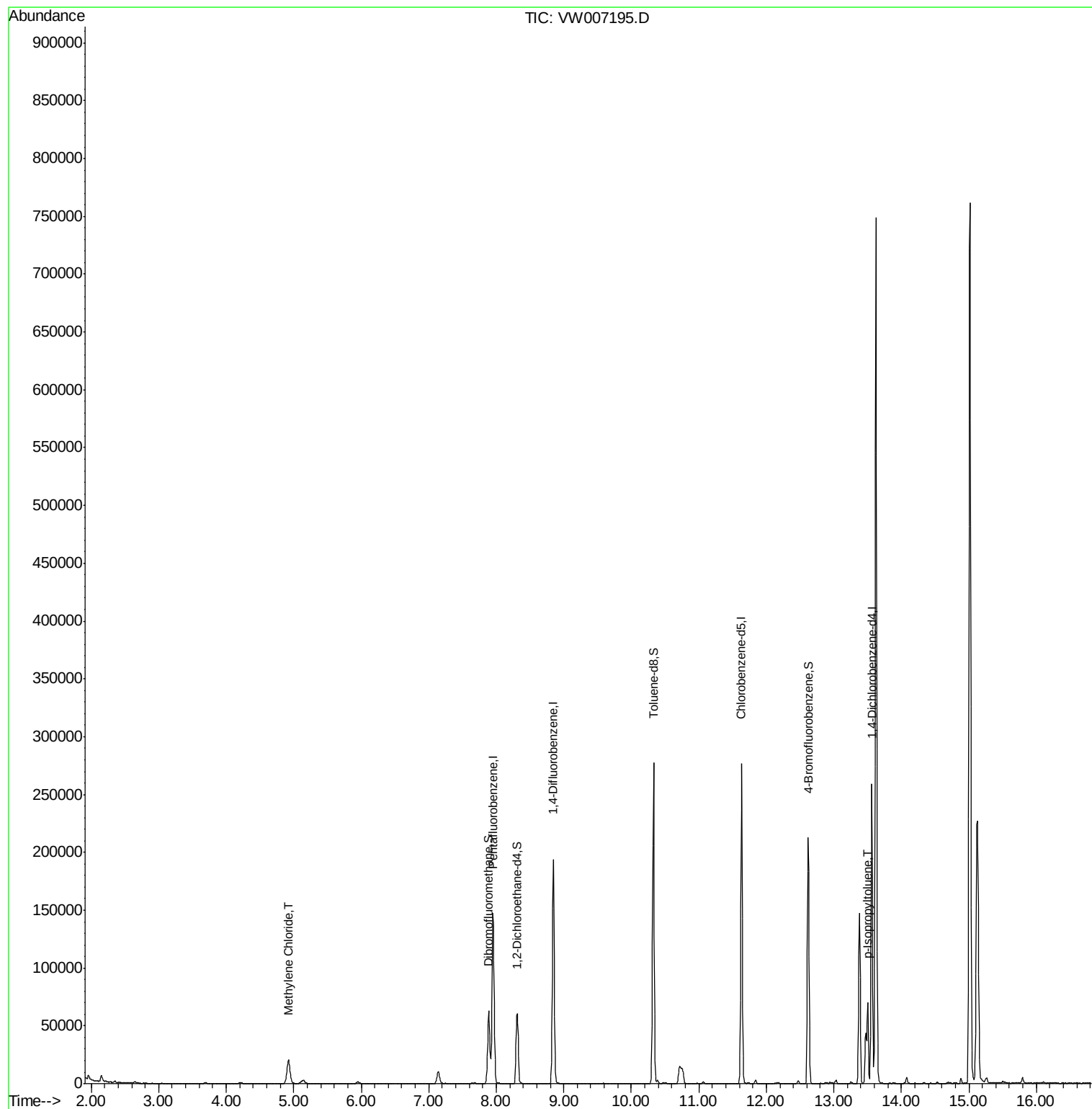
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	110710	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	173442	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	152616	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	70271	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	50499	48.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.98%	
35) Dibromofluoromethane	7.88	113	46878	47.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.40%	
50) Toluene-d8	10.33	98	194357	44.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.86%	
62) 4-Bromofluorobenzene	12.62	95	71366	43.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.44%	
Target Compounds						
20) Methylene Chloride	4.92	84	16465	9.136	ug/l	97
86) p-Isopropyltoluene	13.51	119	40995	7.550	ug/l	94

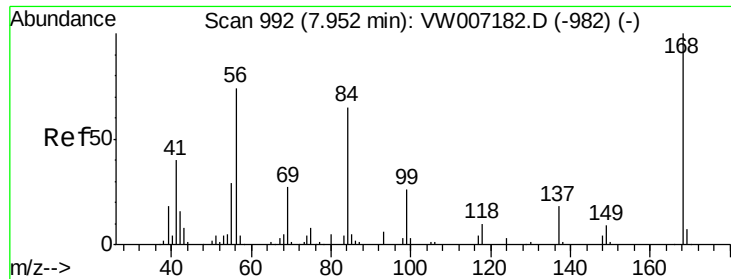
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
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QLast Update : Tue Dec 04 14:18:19 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007195.D

Acq: 04 Dec 2018 18:38

Instrument :

MSVOA_W

ClientSampled :

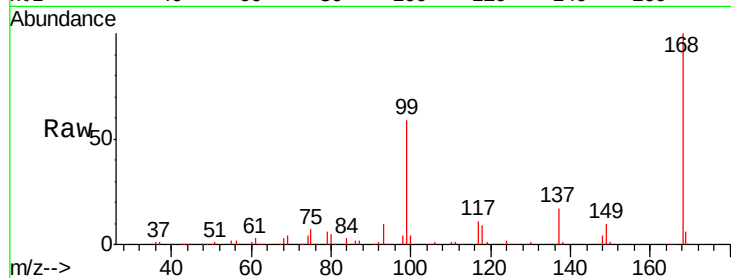
S6

Tgt Ion: 168 Resp: 110710

Ion Ratio Lower Upper

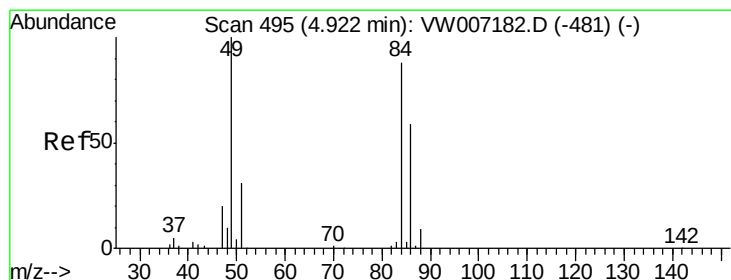
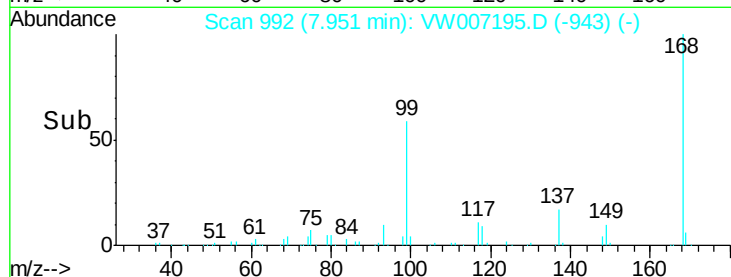
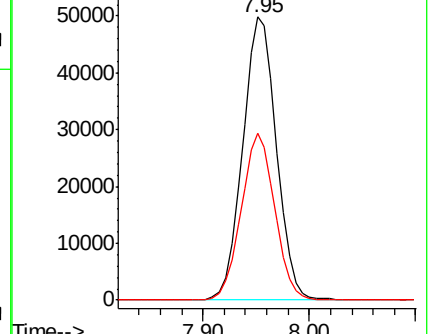
168 100

99 59.1 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#20

Methylene Chloride

Concen: 9.136 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW007195.D

Acq: 04 Dec 2018 18:38

Tgt Ion: 84 Resp: 16465

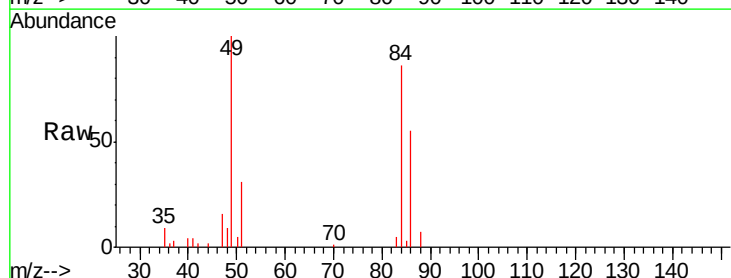
Ion Ratio Lower Upper

84 100

49 116.4 90.6 135.8

51 35.7 27.6 41.4

86 63.7 53.7 80.5

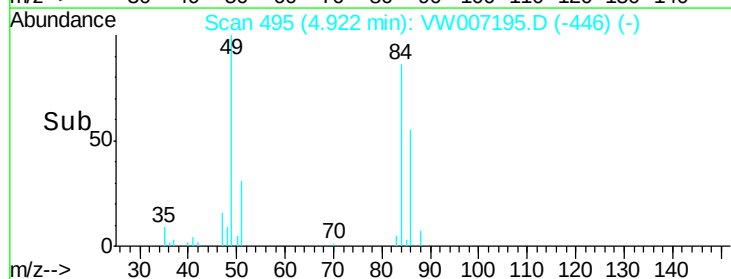
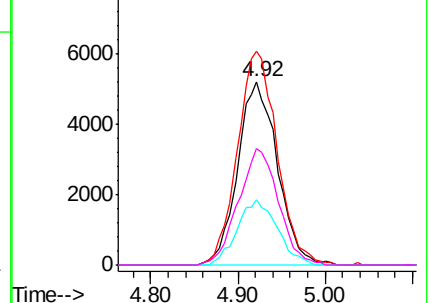


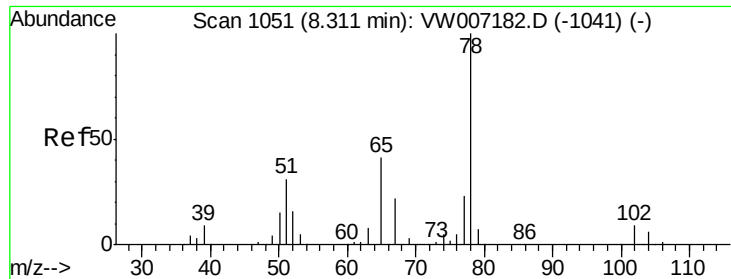
Abundance Ion 83.90 (83.60 to 84.60): VW

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

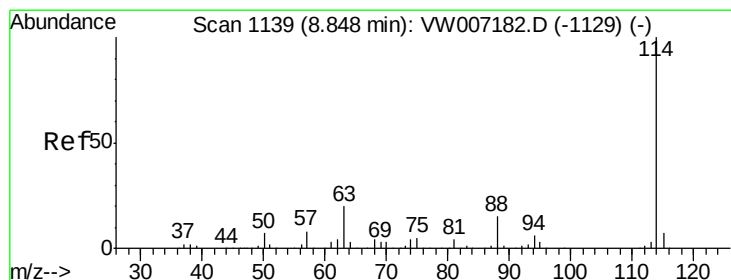
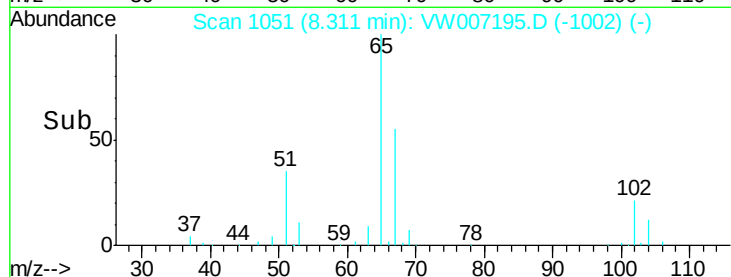
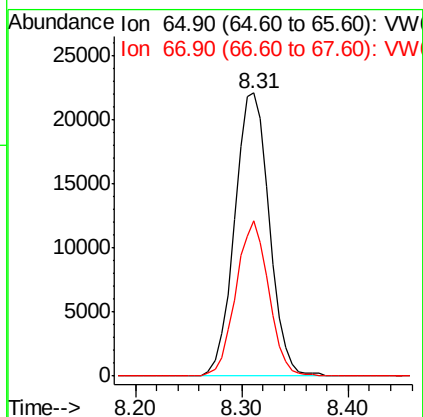
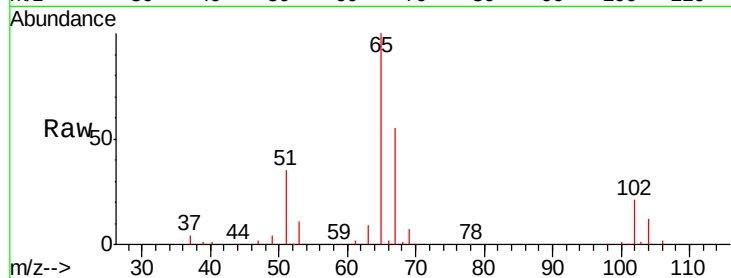




#33
 1,2-Dichloroethane-d4
 Concen: 48.992 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW007195.D
 Acq: 04 Dec 2018 18:38

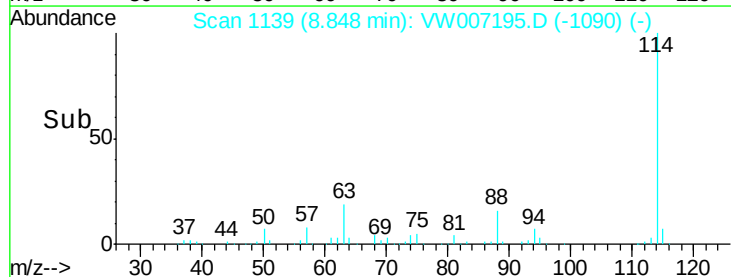
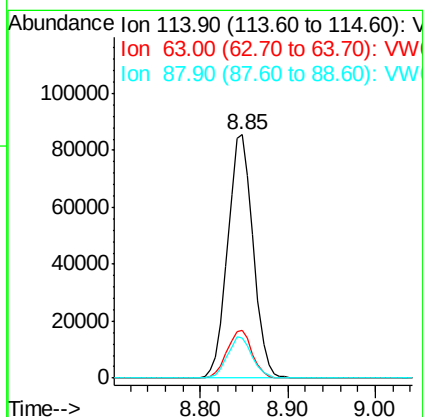
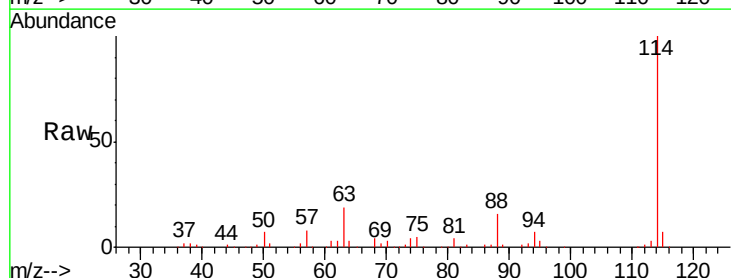
Instrument :
 MSVOA_W
 ClientSampled :
 S6

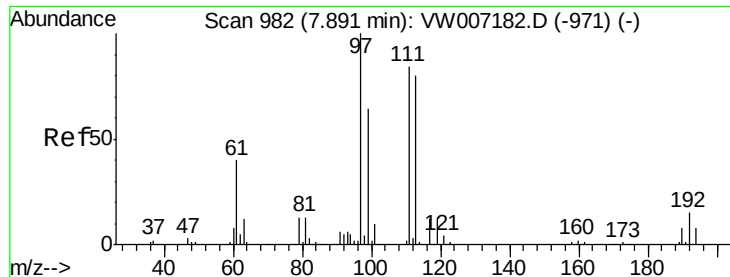
Tgt Ion: 65 Resp: 50499
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007195.D
 Acq: 04 Dec 2018 18:38

Tgt Ion: 114 Resp: 173442
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.2
 88 16.5 0.0 30.0

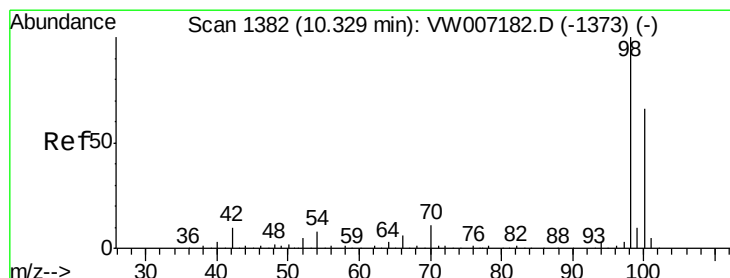
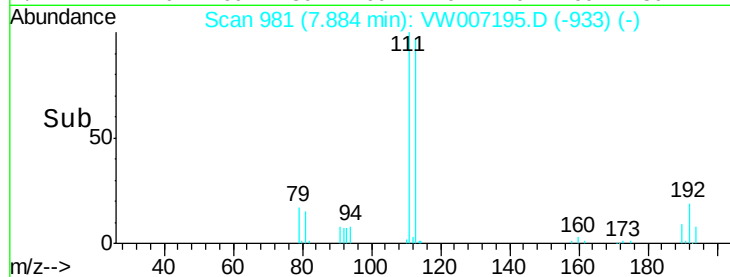
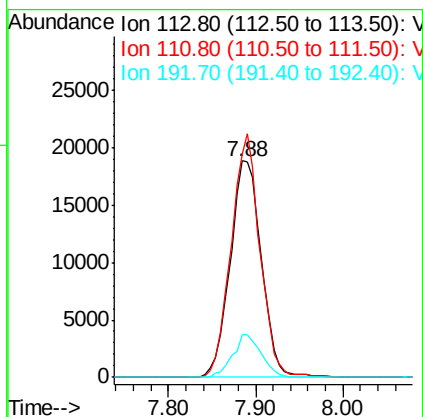
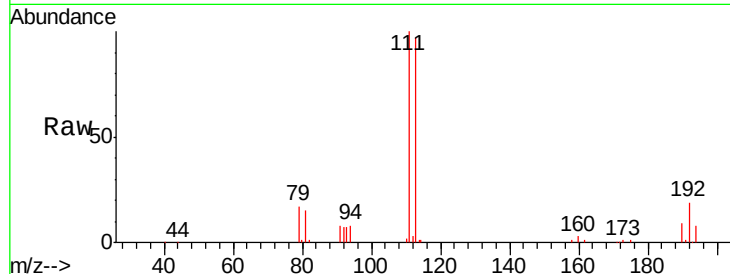




#35
Dibromofluoromethane
Concen: 47.203 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW007195.D
Acq: 04 Dec 2018 18:38

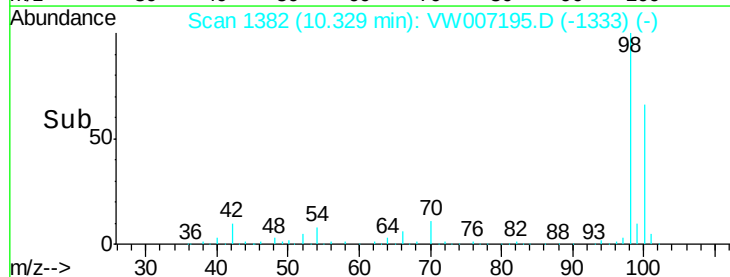
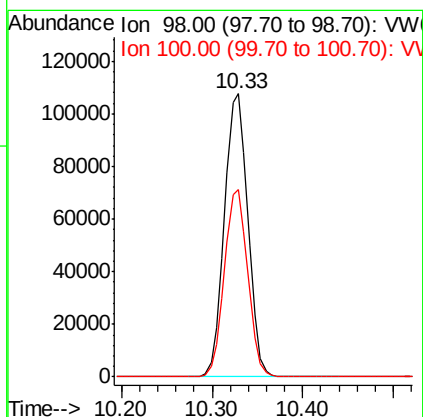
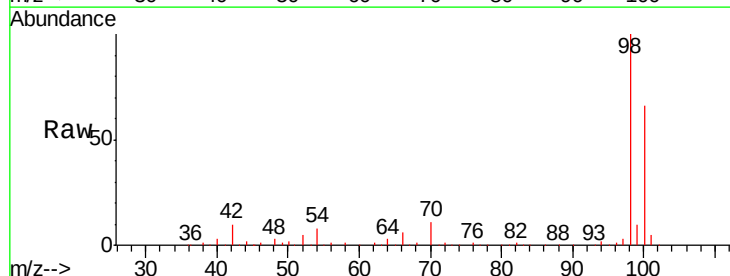
Instrument :
MSVOA_W
ClientSampled :
S6

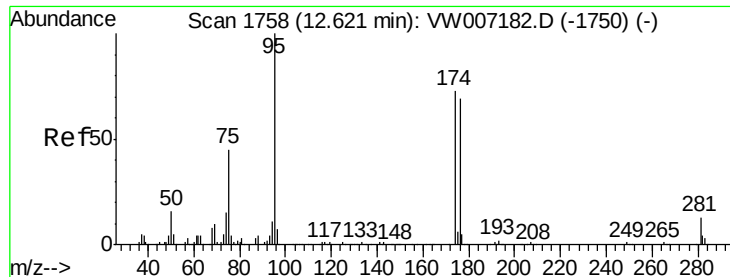
Tgt Ion: 113 Resp: 46878
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.4
192 18.0 14.4 21.6



#50
Toluene-d8
Concen: 44.428 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW007195.D
Acq: 04 Dec 2018 18:38

Tgt Ion: 98 Resp: 194357
Ion Ratio Lower Upper
98 100
100 65.7 52.7 79.1

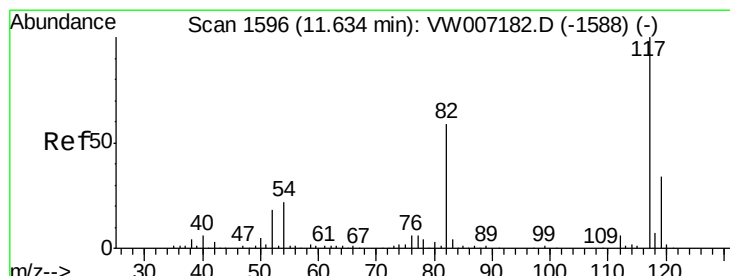
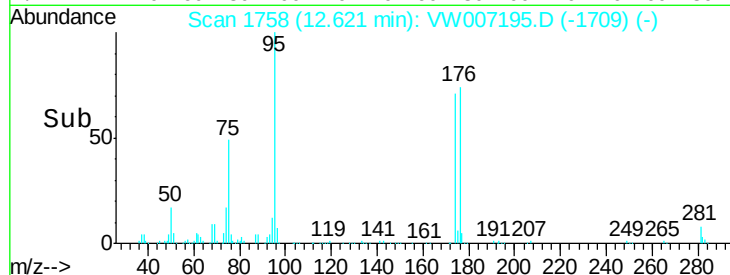
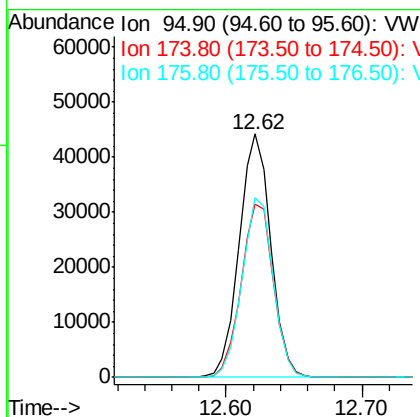
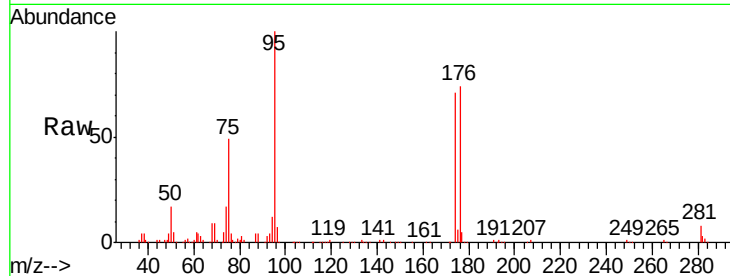




#62
4-Bromofluorobenzene
Concen: 43.221 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007195.D
Acq: 04 Dec 2018 18:38

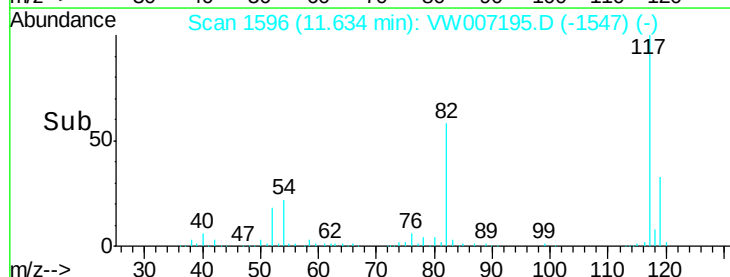
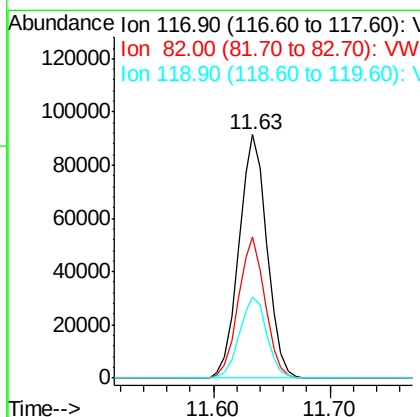
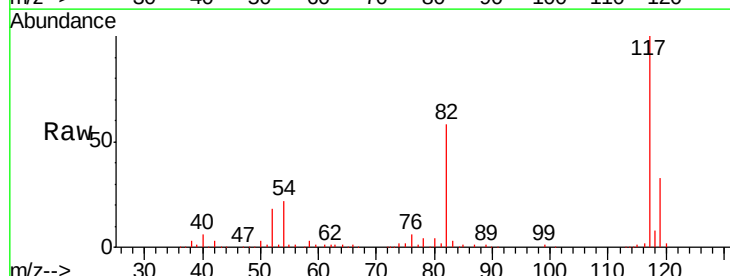
Instrument :
MSVOA_W
ClientSampleId :
S6

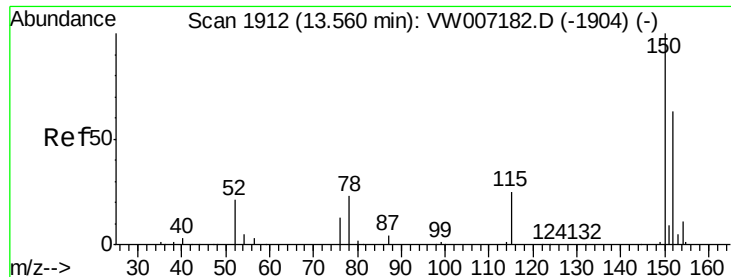
Tgt Ion: 95 Resp: 71366
Ion Ratio Lower Upper
95 100
174 73.5 0.0 148.0
176 73.4 0.0 139.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007195.D
Acq: 04 Dec 2018 18:38

Tgt Ion: 117 Resp: 152616
Ion Ratio Lower Upper
117 100
82 57.9 47.4 71.2
119 33.2 26.8 40.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.01 min

Lab File: VW007195.D

Acq: 04 Dec 2018 18:38

Instrument :

MSVOA_W

ClientSampled :

S6

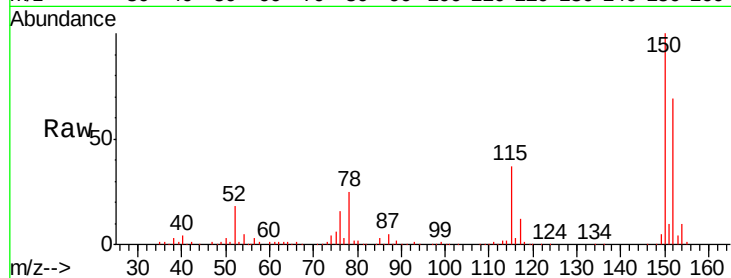
Tgt Ion:152 Resp: 70271

Ion Ratio Lower Upper

152 100

115 60.7 31.3 93.8

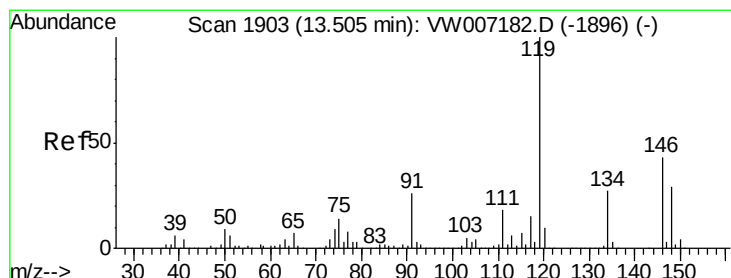
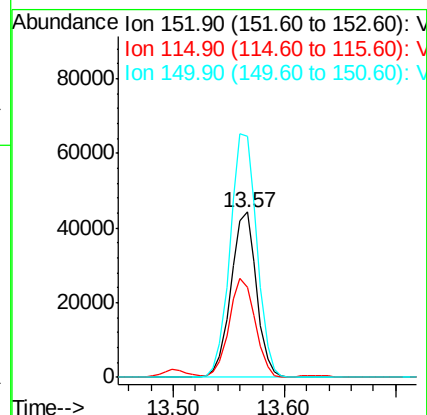
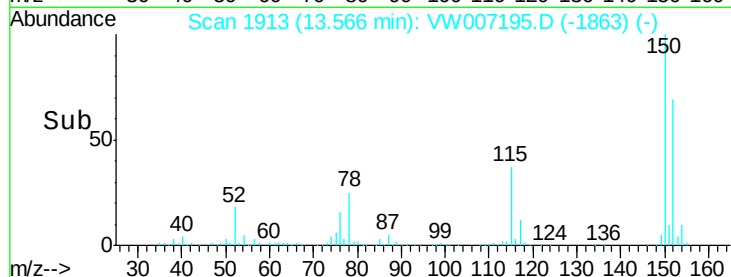
150 154.1 0.0 358.0



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



#86

p-Isopropyltoluene

Concen: 7.550 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW007195.D

Acq: 04 Dec 2018 18:38

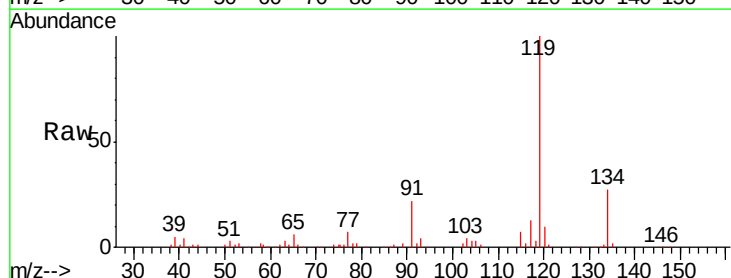
Tgt Ion:119 Resp: 40995

Ion Ratio Lower Upper

119 100

134 25.6 13.2 39.6

91 30.2 12.4 37.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

