

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052019\
 Data File : VW010457.D
 Acq On : 20 May 2019 20:07
 Operator : SY/VA
 Sample : VW0520SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0520SBL01

Quant Time: May 21 07:01:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	131426	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	233369	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	210024	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	95326	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	78050	57.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.08%	
35) Dibromofluoromethane	7.88	113	76062	53.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.42%	
50) Toluene-d8	10.32	98	289725	53.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.12%	
62) 4-Bromofluorobenzene	12.62	95	111825	51.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.80%	

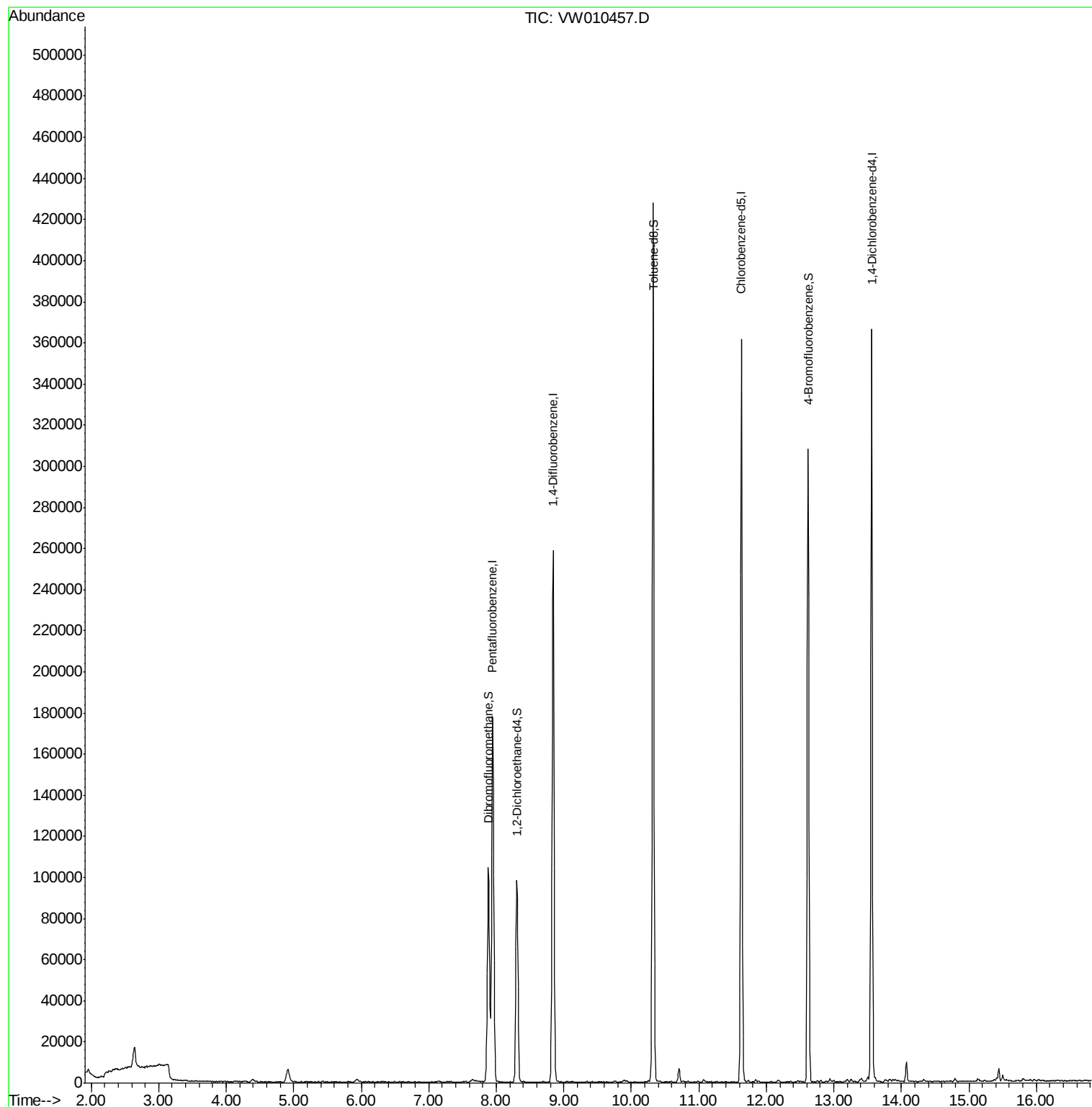
Target Compounds	Qvalue

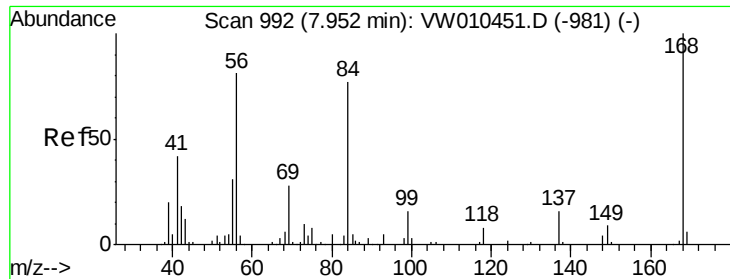
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 2019
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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: VW010457.D

Acq: 20 May 2019 20:07

Instrument :

MSVOA_W

ClientSampleId :

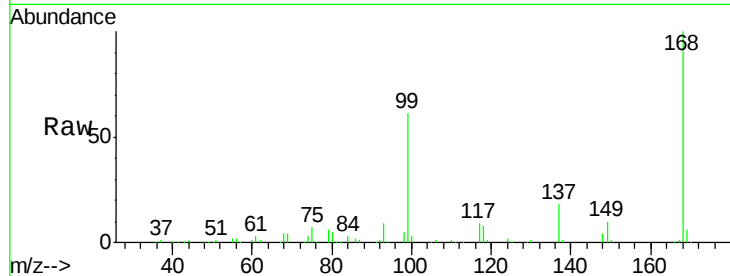
VW0520SBL01

Tot Ion:168 Resp: 131426

Ion Ratio Lower Upper

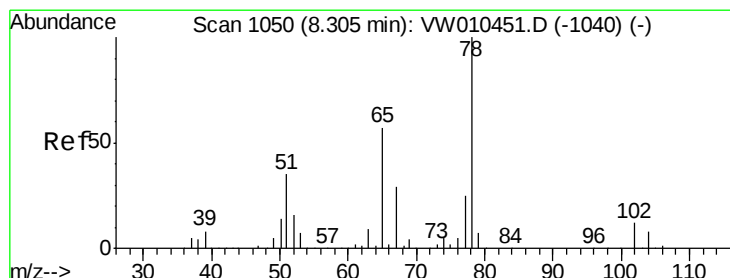
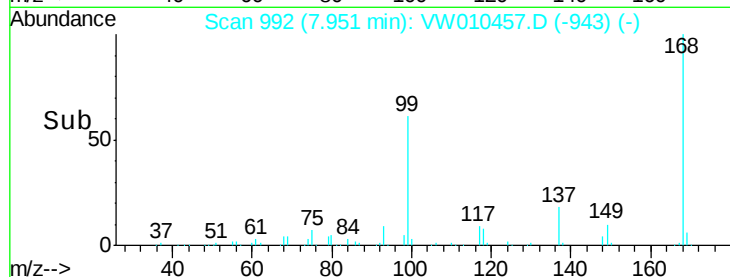
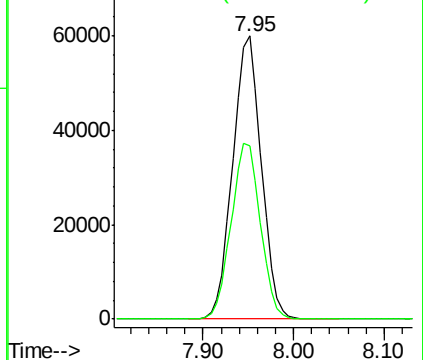
168 100

99 61.1 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 57.536 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010457.D

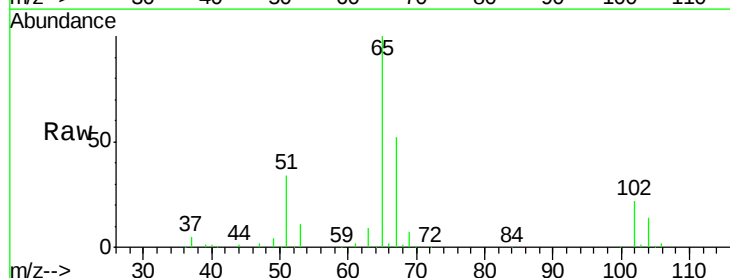
Acq: 20 May 2019 20:07

Tgt Ion: 65 Resp: 78050

Ion Ratio Lower Upper

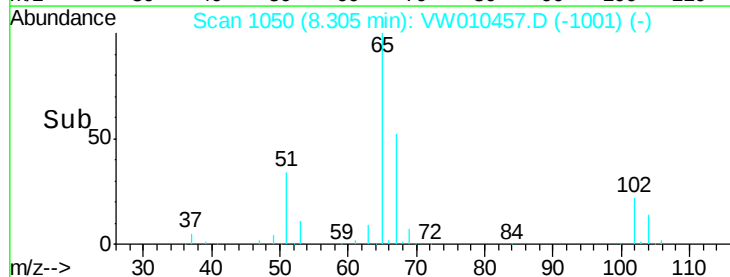
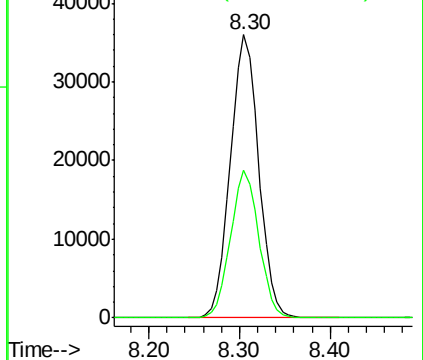
65 100

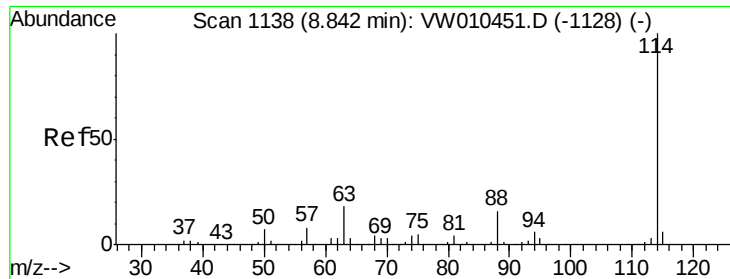
67 52.0 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

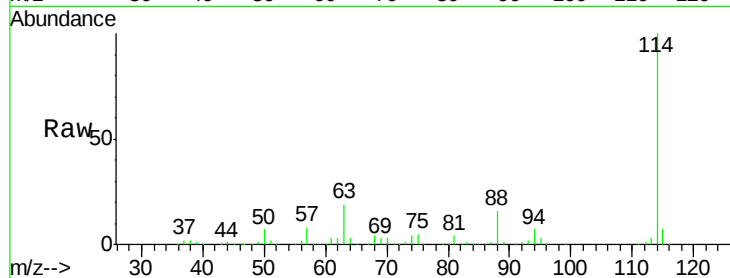




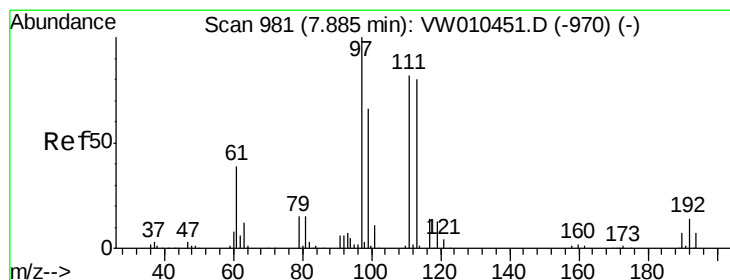
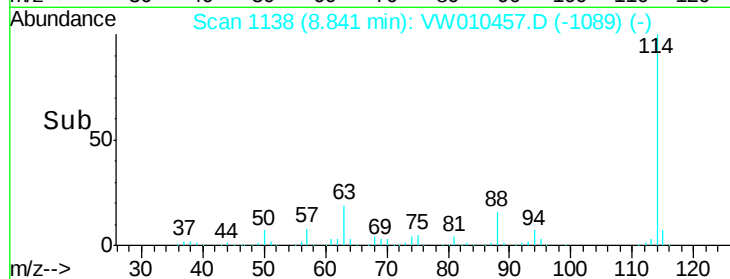
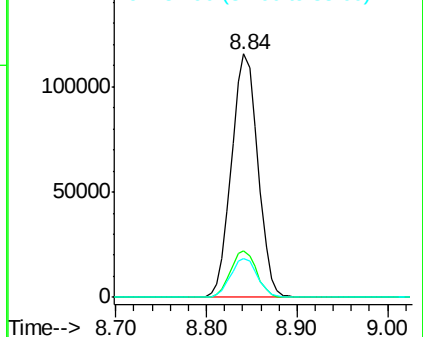
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW010457.D
Acq: 20 May 2019 20:07

Instrument :
MSVOA_W
ClientSampleId :
VW0520SBL01

Tot Ion:114 Resp: 233369
Ion Ratio Lower Upper
114 100
63 19.1 0.0 36.0
88 16.1 0.0 32.0

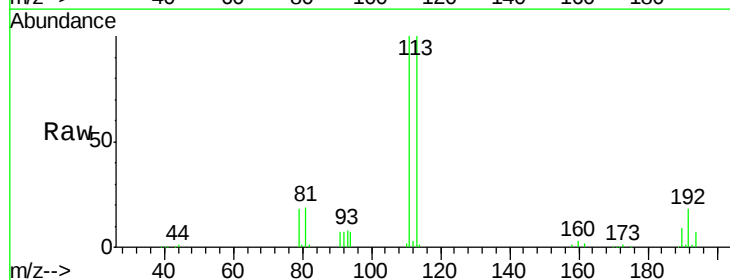


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

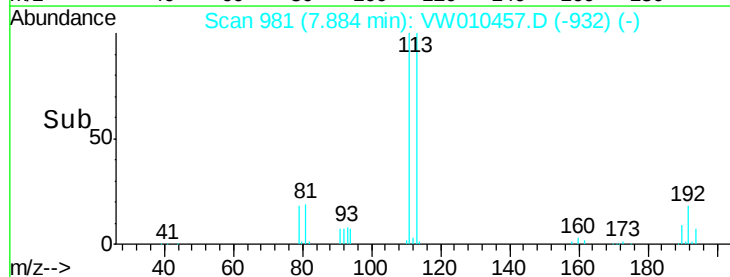
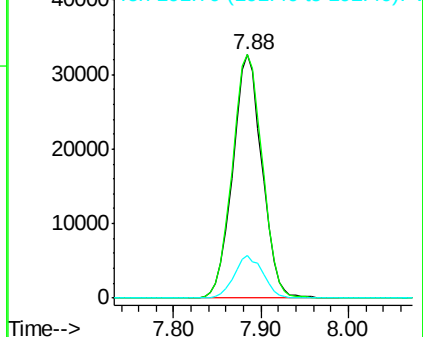


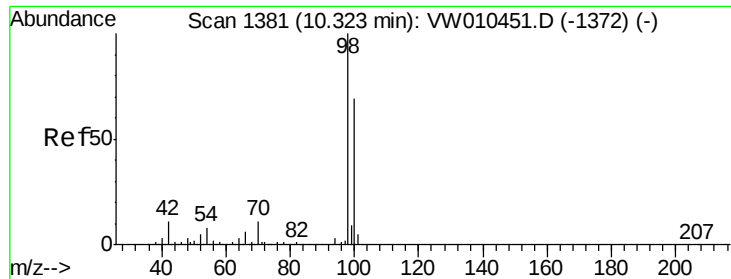
#35
Dibromofluoromethane
Concen: 53.715 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW010457.D
Acq: 20 May 2019 20:07

Tgt Ion:113 Resp: 76062
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 17.3 14.3 21.5



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

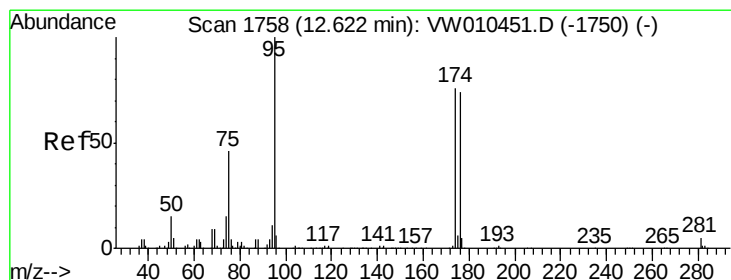
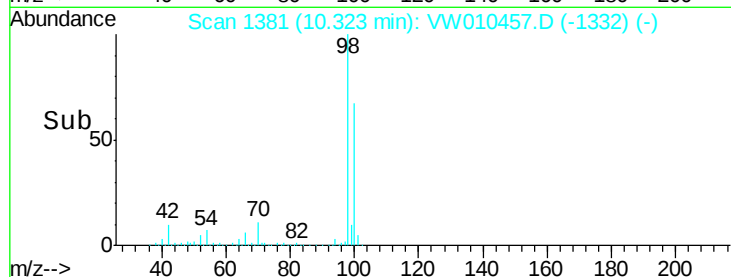
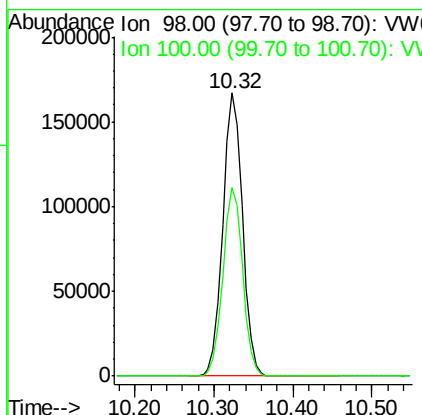
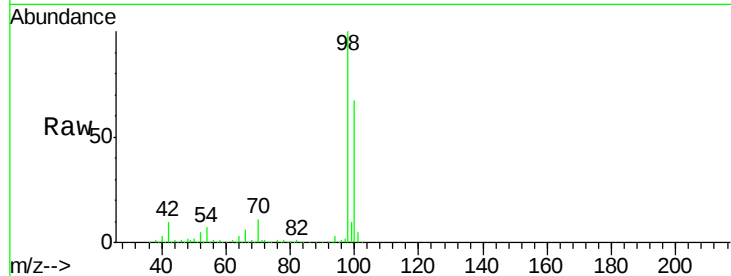




#50
Toluene-d8
Concen: 53.558 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010457.D
Acq: 20 May 2019 20:07

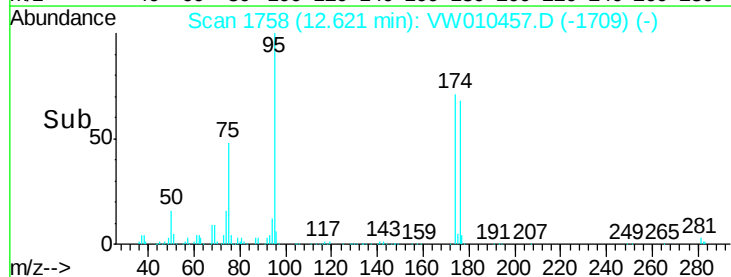
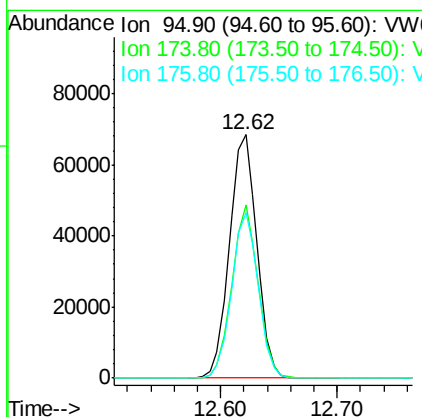
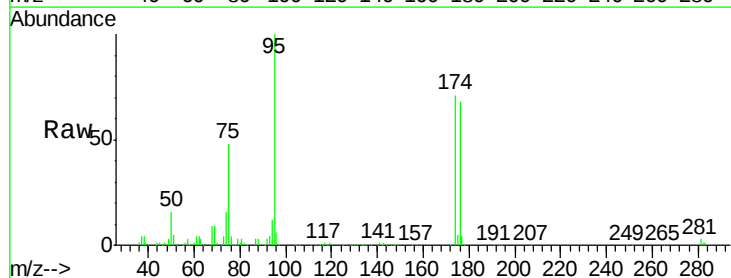
Instrument :
MSVOA_W
ClientSampleId :
VW0520SBL01

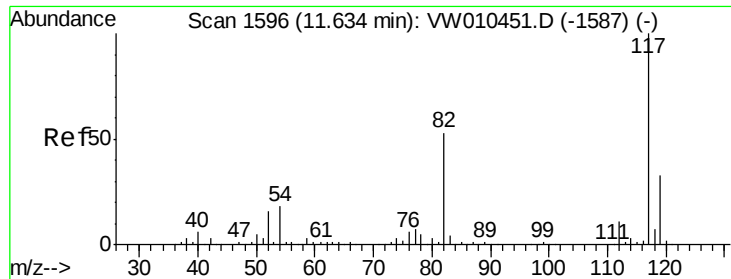
Tot Ion: 98 Resp: 289725
Ion Ratio Lower Upper
98 100
100 66.8 53.7 80.5



#62
4-Bromofluorobenzene
Concen: 51.898 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010457.D
Acq: 20 May 2019 20:07

Tgt Ion: 95 Resp: 111825
Ion Ratio Lower Upper
95 100
174 68.3 0.0 148.6
176 65.8 0.0 144.2

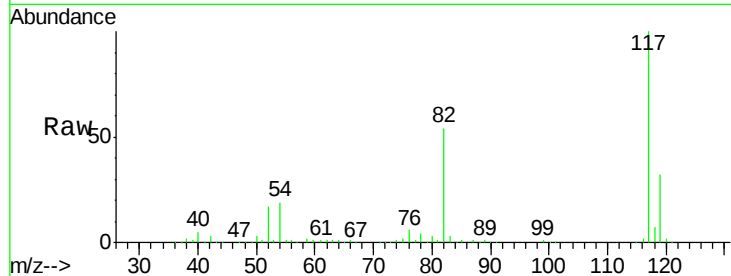




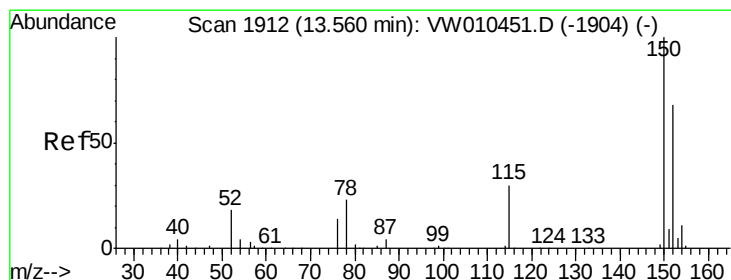
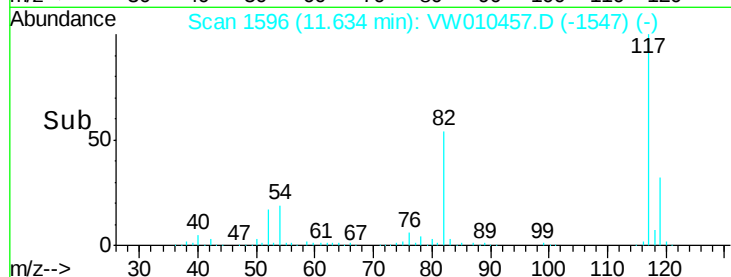
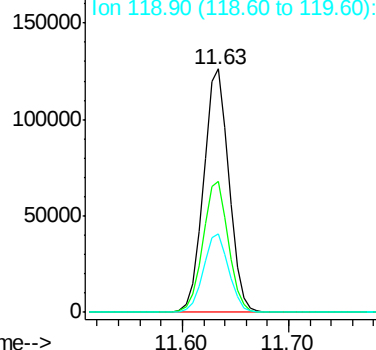
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010457.D
Acq: 20 May 2019 20:07

Instrument :
MSVOA_W
ClientSampleId :
VW0520SBL01

Tot Ion:117 Resp: 210024
Ion Ratio Lower Upper
117 100
82 53.6 42.8 64.2
119 32.0 26.3 39.5

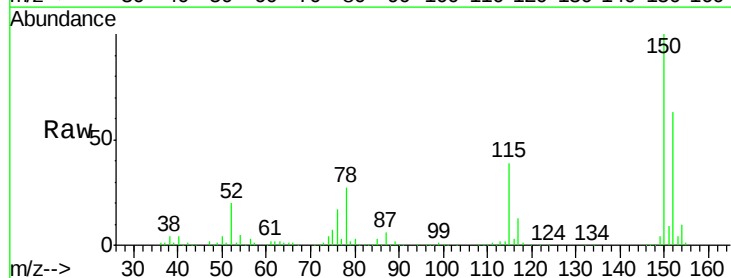


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010457.D
Acq: 20 May 2019 20:07

Tgt Ion:152 Resp: 95326
Ion Ratio Lower Upper
152 100
115 63.9 30.3 91.0
150 158.1 0.0 349.8



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

