

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052219\
 Data File : VW010507.D
 Acq On : 22 May 2019 13:47
 Operator : SY/VA
 Sample : K2993-16
 Misc : 6.12G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 COMP-1

Quant Time: May 23 08:03:29 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	104297	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	194461	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	175004	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	78076	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	64248	59.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.36%	
35) Dibromofluoromethane	7.88	113	60201	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
50) Toluene-d8	10.32	98	239184	53.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.12%	
62) 4-Bromofluorobenzene	12.62	95	90574	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	

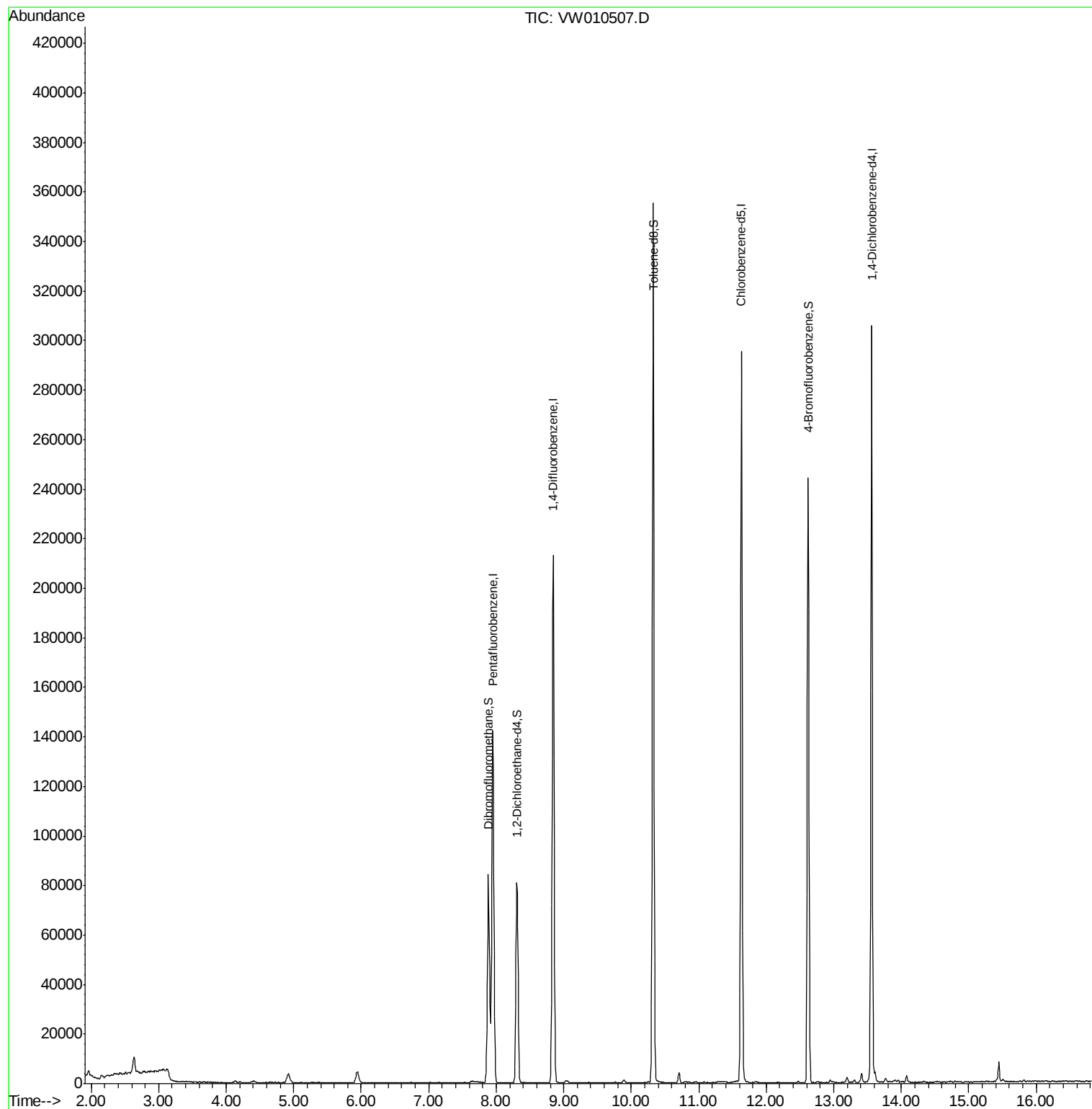
Target Compounds	Qvalue
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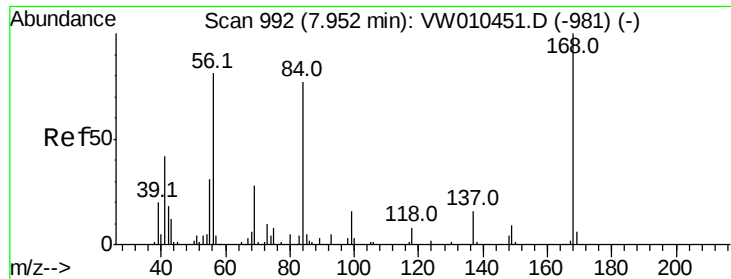
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW010507.D

Acq: 22 May 2019 13:47

Instrument :

MSVOA_W

ClientSampled :

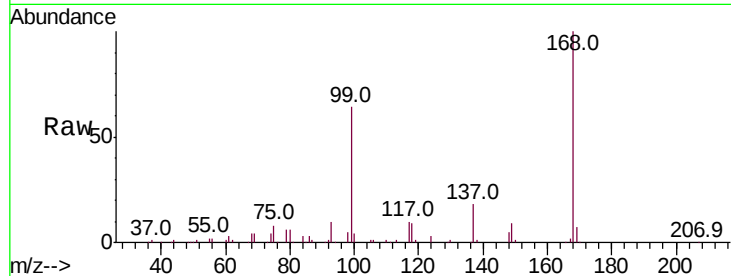
COMP-1

Tot Ion:168 Resp: 104297

Ion Ratio Lower Upper

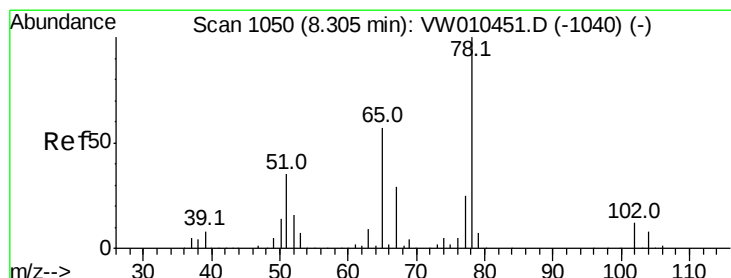
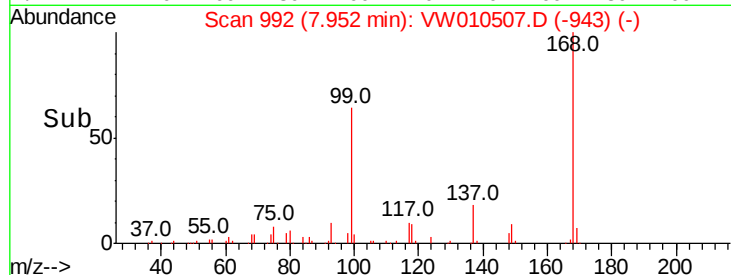
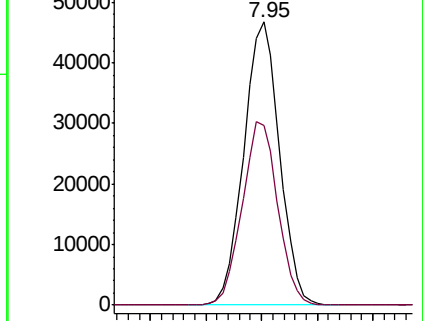
168 100

99 63.7 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 59.681 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010507.D

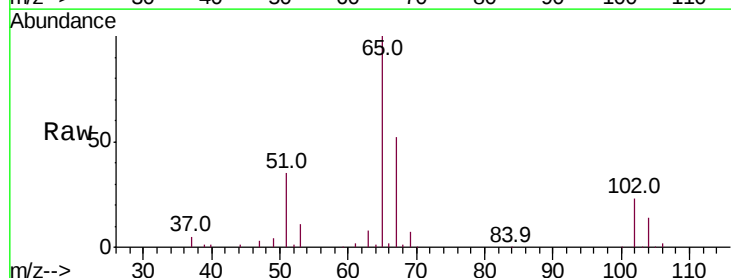
Acq: 22 May 2019 13:47

Tgt Ion: 65 Resp: 64248

Ion Ratio Lower Upper

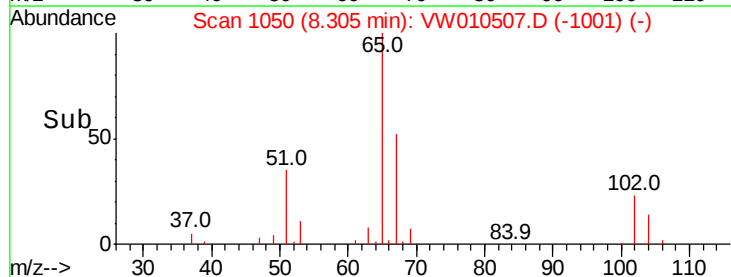
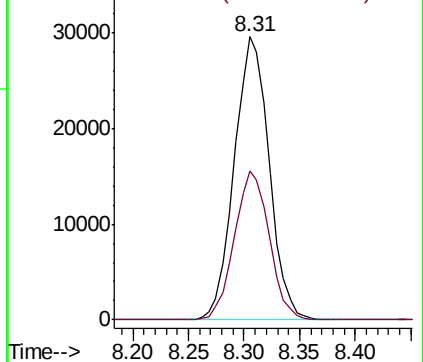
65 100

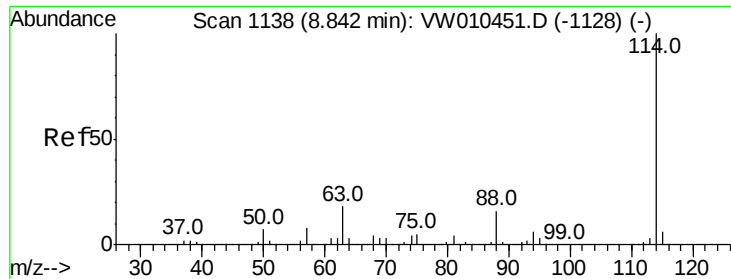
67 52.5 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

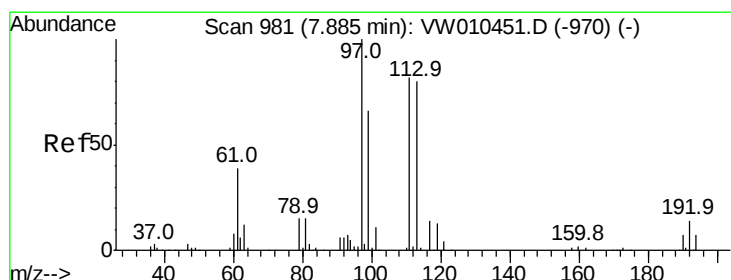
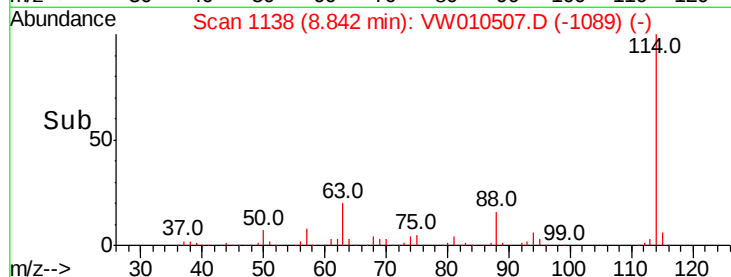
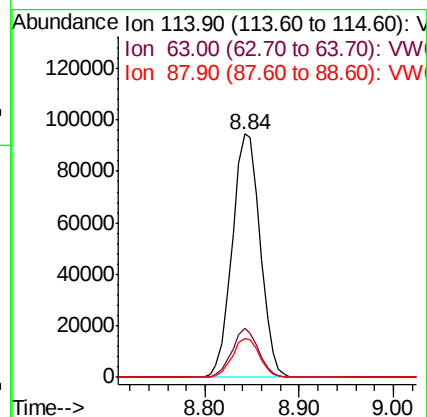
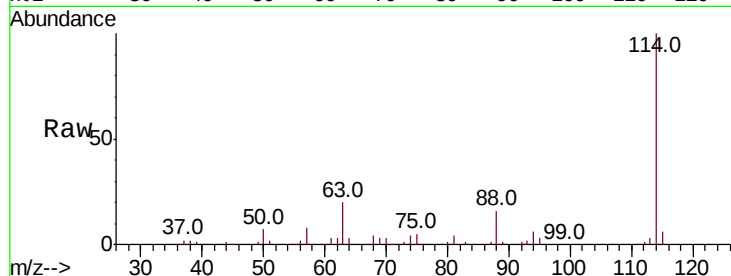




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010507.D
 Acq: 22 May 2019 13:47

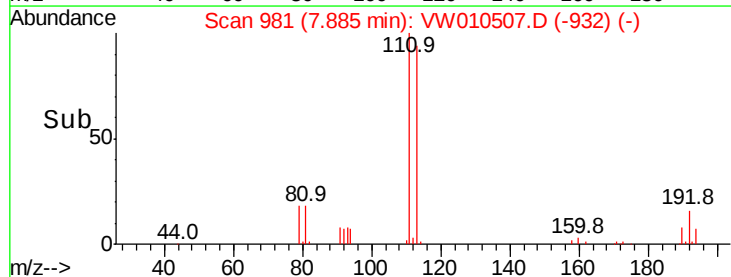
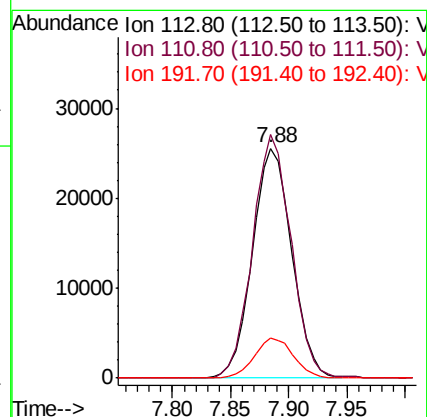
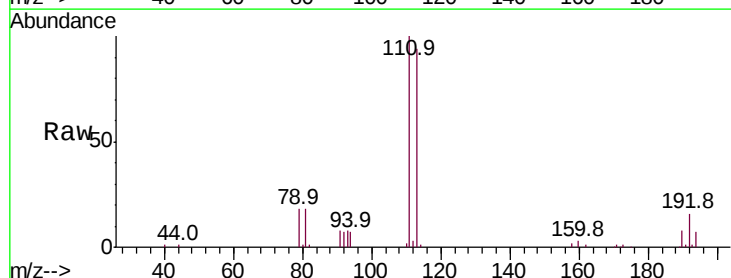
Instrument :
 MSVOA_W
 ClientSampleId :
 COMP-1

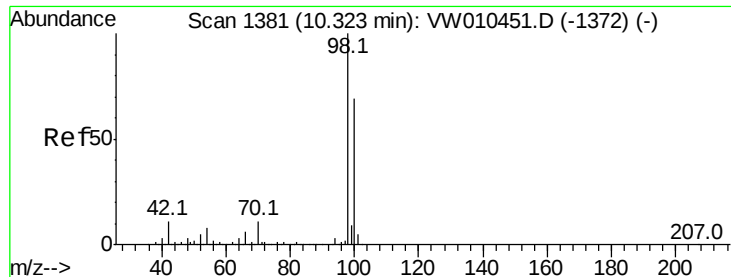
Tot Ion:	114	Resp:	194461
Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	36.0
88	16.0	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 51.020 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010507.D
 Acq: 22 May 2019 13:47

Tgt Ion:	113	Resp:	60201
Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.2	123.4
192	17.2	14.3	21.5

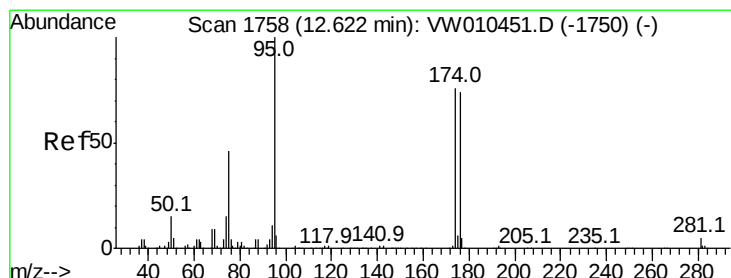
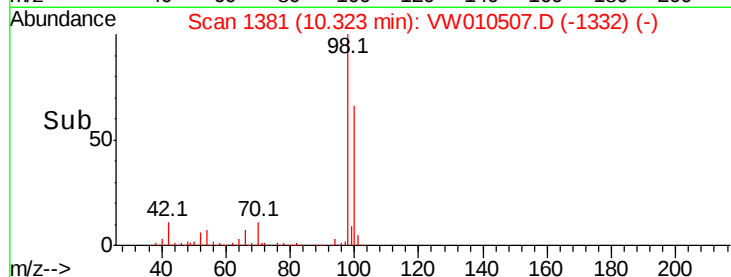
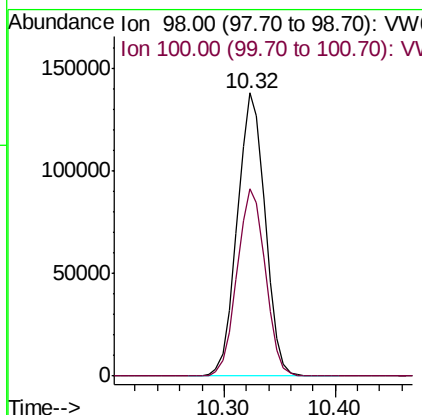
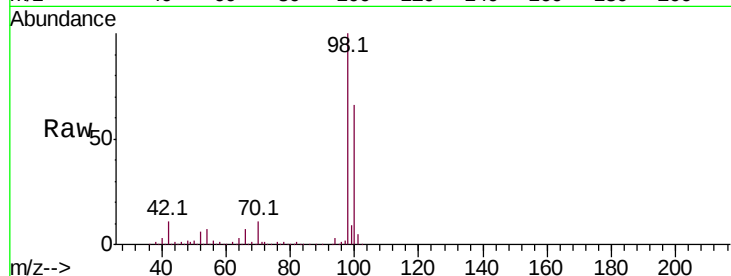




#50
Toluene-d8
Concen: 53.061 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010507.D
Acq: 22 May 2019 13:47

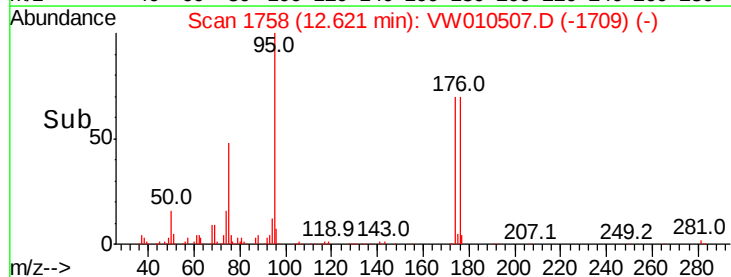
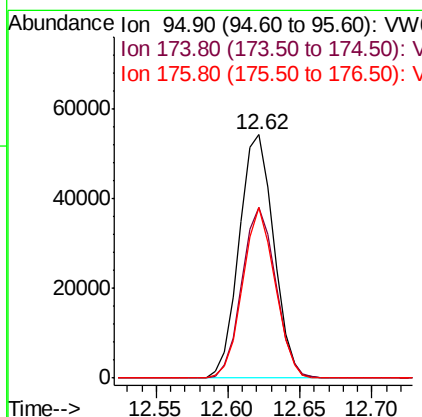
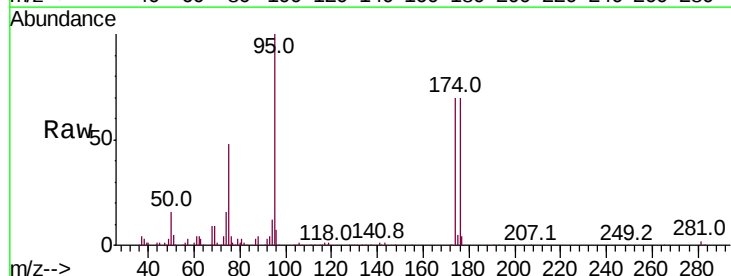
Instrument :
MSVOA_W
ClientSampleId :
COMP-1

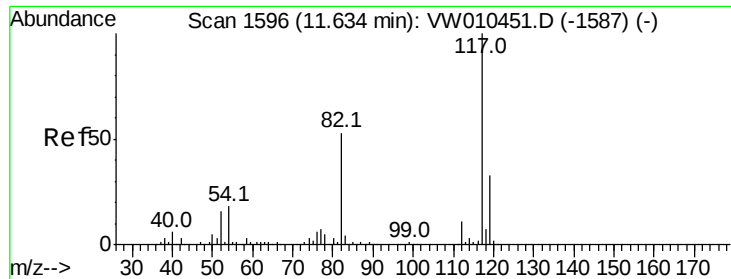
Tot Ion: 98 Resp: 239184
Ion Ratio Lower Upper
98 100
100 67.2 53.7 80.5



#62
4-Bromofluorobenzene
Concen: 50.446 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010507.D
Acq: 22 May 2019 13:47

Tgt Ion: 95 Resp: 90574
Ion Ratio Lower Upper
95 100
174 68.5 0.0 148.6
176 65.6 0.0 144.2

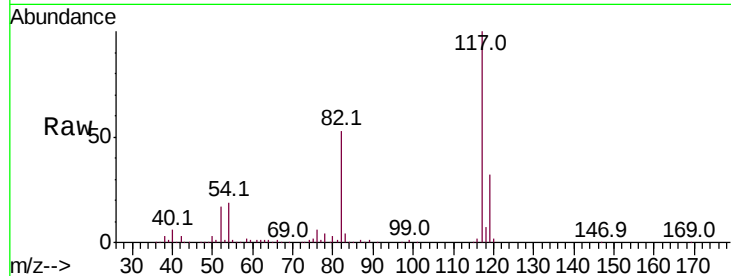




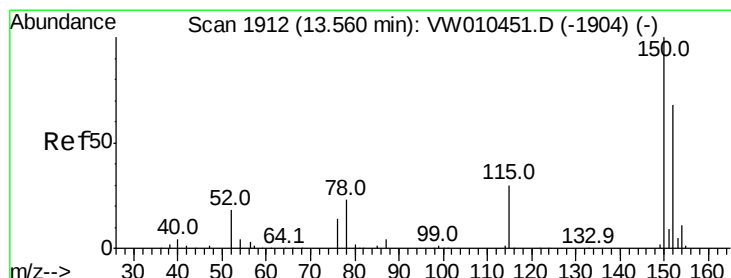
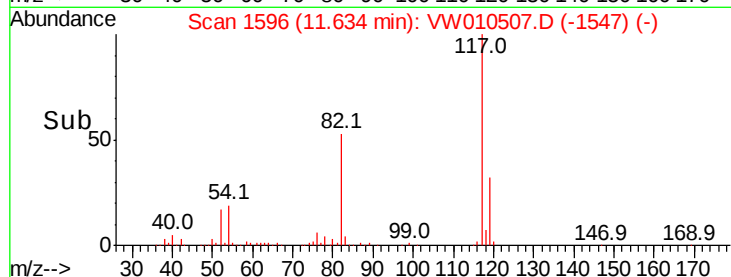
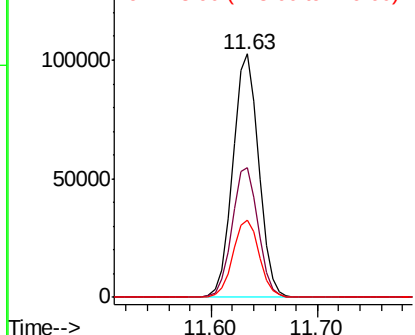
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010507.D
Acq: 22 May 2019 13:47

Instrument :
MSVOA_W
ClientSampleId :
COMP-1

Tot Ion:117 Resp: 175004
Ion Ratio Lower Upper
117 100
82 53.2 42.8 64.2
119 31.8 26.3 39.5

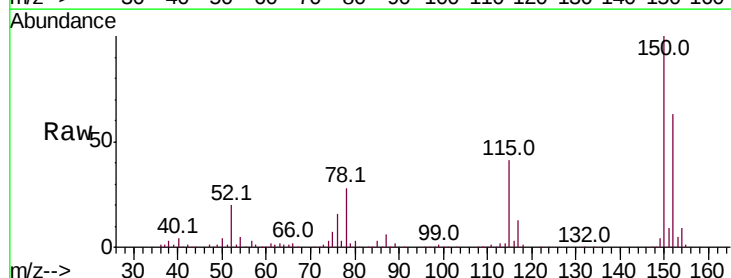


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010507.D
Acq: 22 May 2019 13:47

Tgt Ion:152 Resp: 78076
Ion Ratio Lower Upper
152 100
115 64.5 30.3 91.0
150 158.3 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

