

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052819\
 Data File : VW010561.D
 Acq On : 28 May 2019 12:21
 Operator : SY/VA
 Sample : VW0528SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0528SBL01

Quant Time: May 29 07:20:20 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	146824	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	245488	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	212871	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	96398	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	69052	45.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.12%	
35) Dibromofluoromethane	7.88	113	73844	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
50) Toluene-d8	10.32	98	292988	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	
62) 4-Bromofluorobenzene	12.62	95	104583	46.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.28%	

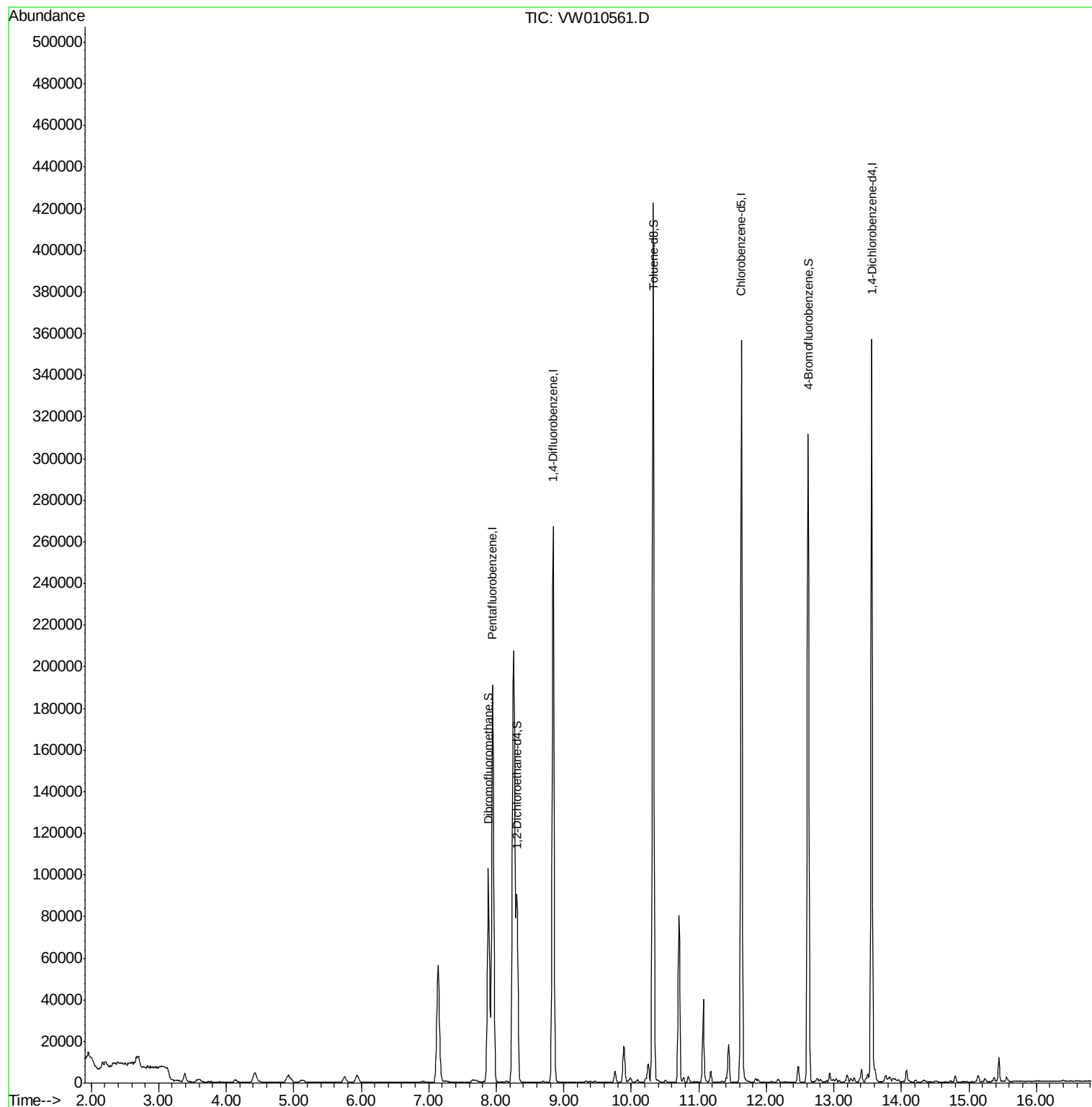
Target Compounds	Qvalue

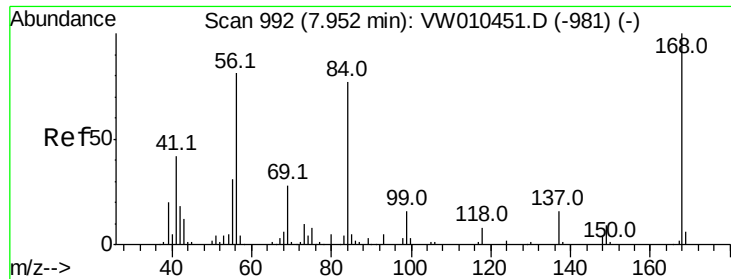
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW052819\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010561.D

Acq: 28 May 2019 12:21

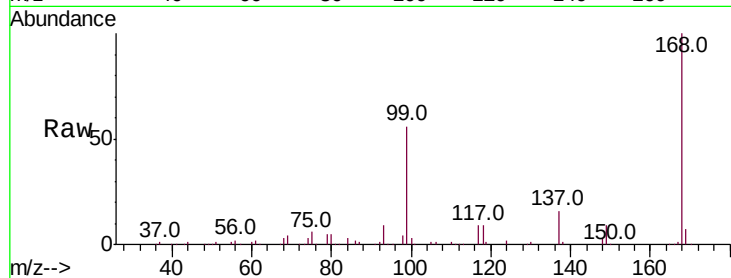
Instrument :
MSVOA_W
ClientSampleId :
VW0528SBL01

Tot Ion:168 Resp: 146824

Ion Ratio Lower Upper

168 100

99 56.5 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

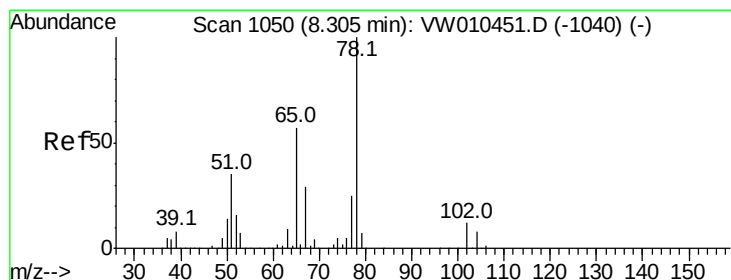
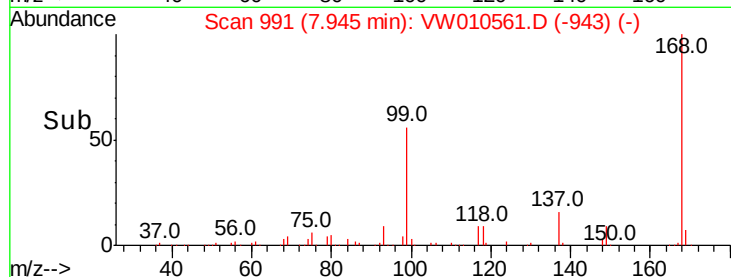
40000

20000

0

7.90 8.00

Time-->



#33

1,2-Dichloroethane-d4

Concen: 45.565 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010561.D

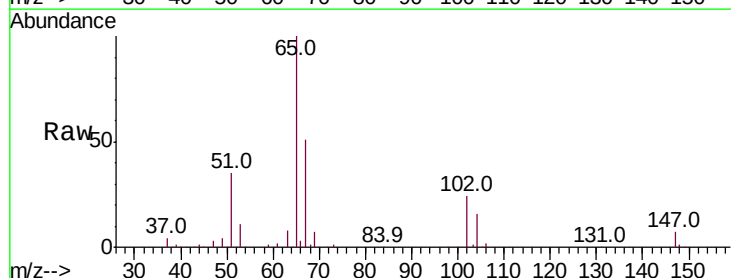
Acq: 28 May 2019 12:21

Tgt Ion: 65 Resp: 69052

Ion Ratio Lower Upper

65 100

67 53.4 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

30000

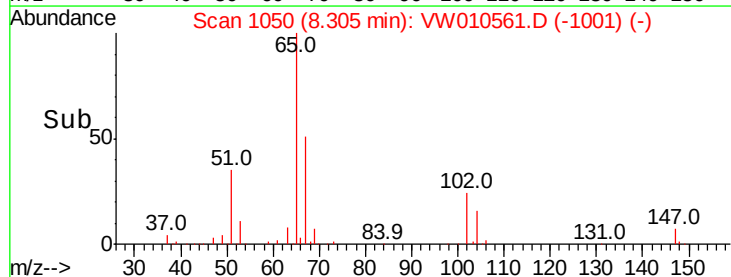
20000

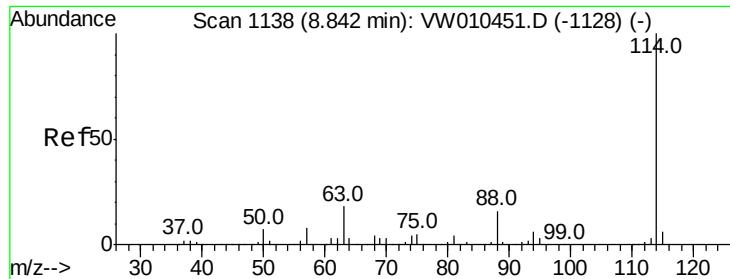
10000

0

8.20 8.25 8.30 8.35 8.40

Time-->

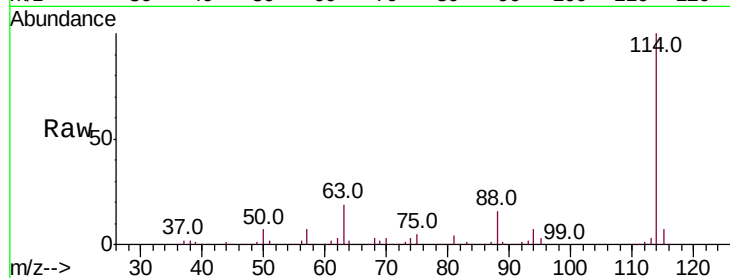




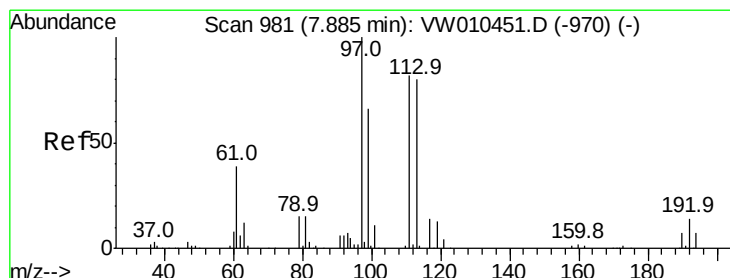
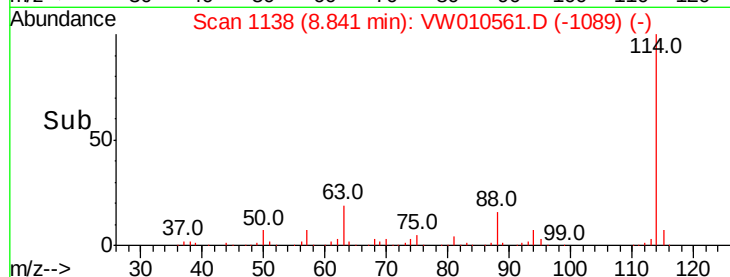
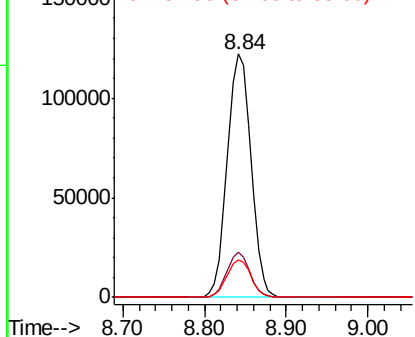
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010561.D
 Acq: 28 May 2019 12:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0528SBL01

Tot Ion:114 Resp: 245488
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 36.0
 88 15.7 0.0 32.0

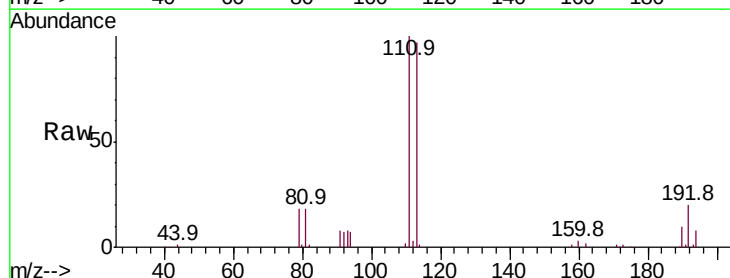


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

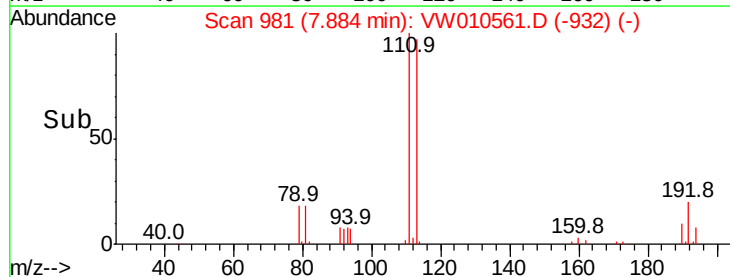
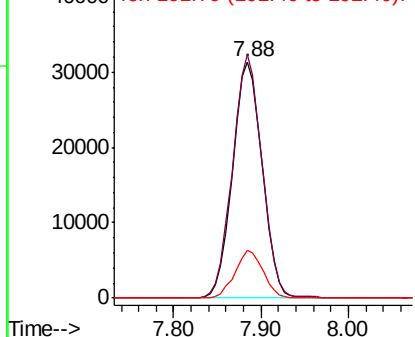


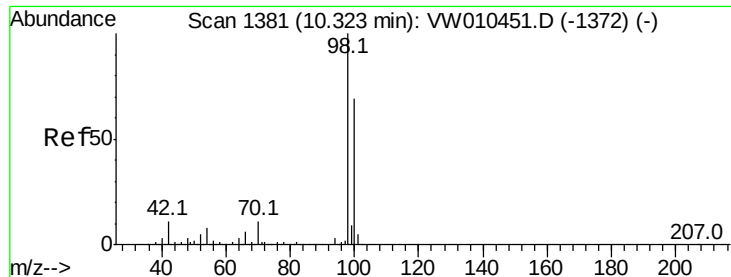
#35
 Dibromofluoromethane
 Concen: 49.574 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010561.D
 Acq: 28 May 2019 12:21

Tgt Ion:113 Resp: 73844
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.2 123.4
 192 19.2 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

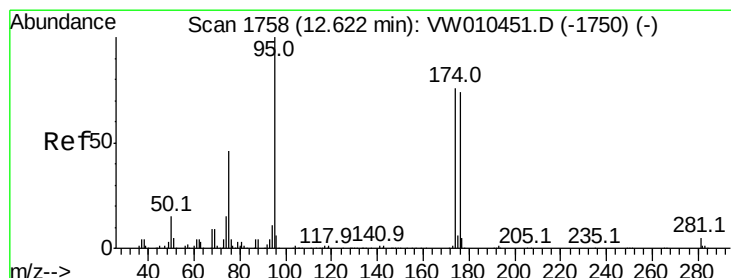
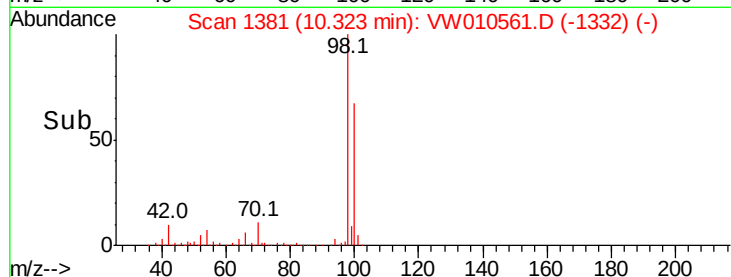
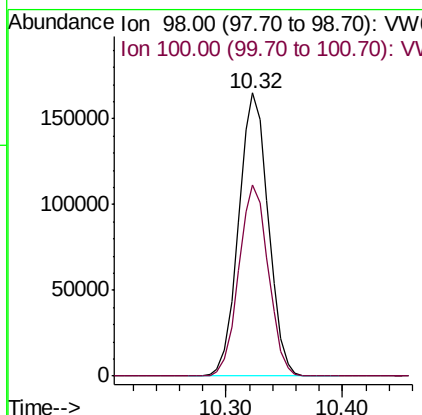
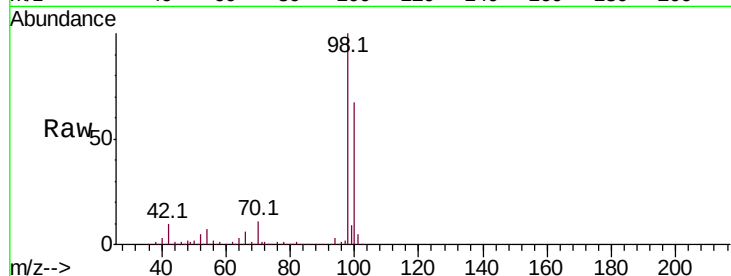




#50
Toluene-d8
Concen: 51.487 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010561.D
Acq: 28 May 2019 12:21

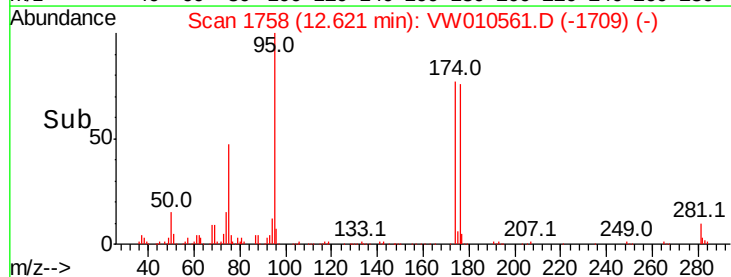
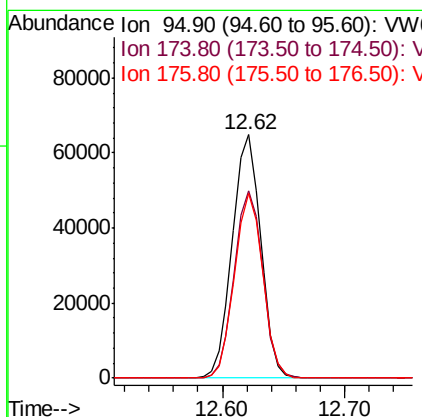
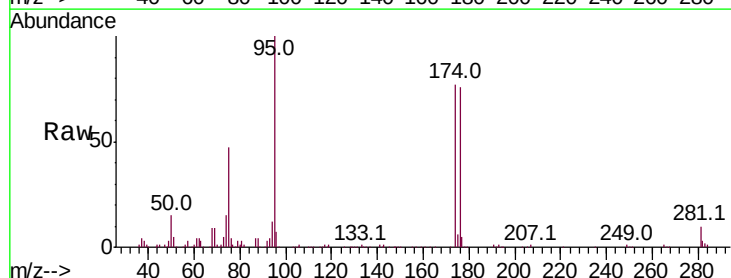
Instrument :
MSVOA_W
ClientSampleId :
VW0528SBL01

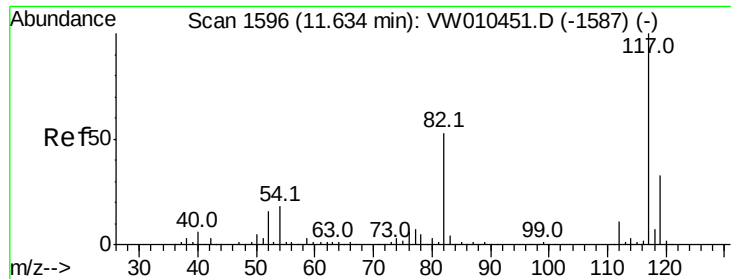
Tot Ion: 98 Resp: 292988
Ion Ratio Lower Upper
98 100
100 67.4 53.7 80.5



#62
4-Bromofluorobenzene
Concen: 46.141 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010561.D
Acq: 28 May 2019 12:21

Tgt Ion: 95 Resp: 104583
Ion Ratio Lower Upper
95 100
174 77.0 0.0 148.6
176 75.3 0.0 144.2

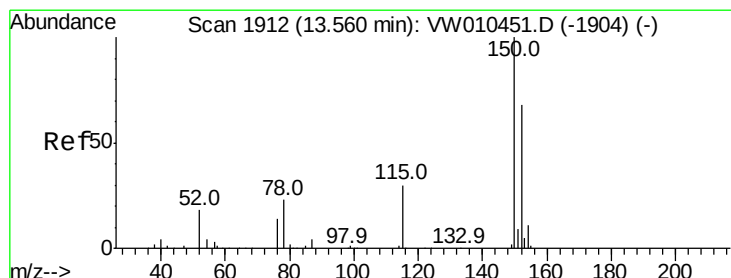
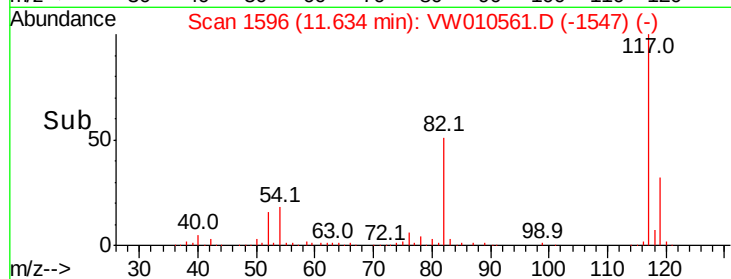
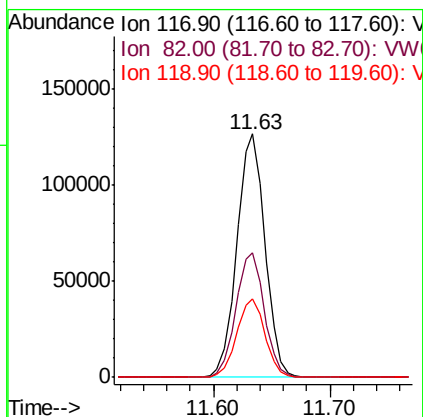
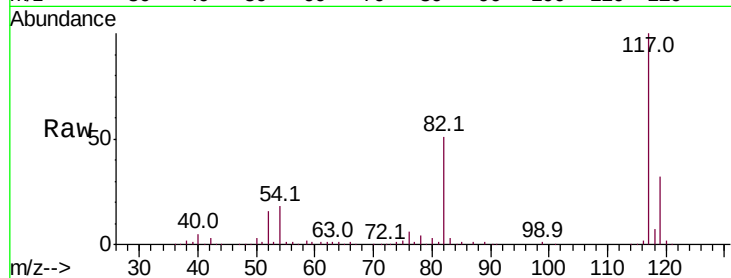




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010561.D
Acq: 28 May 2019 12:21

Instrument :
MSVOA_W
ClientSampleId :
VW0528SBL01

Tot Ion:117 Resp: 212871
Ion Ratio Lower Upper
117 100
82 51.2 42.8 64.2
119 32.4 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010561.D
Acq: 28 May 2019 12:21

Tgt Ion:152 Resp: 96398
Ion Ratio Lower Upper
152 100
115 60.5 30.3 91.0
150 155.4 0.0 349.8

