

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052219\
 Data File : VW010509.D
 Acq On : 22 May 2019 14:42
 Operator : SY/VA
 Sample : K2993-18
 Misc : 5.68G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 COMP-3

Quant Time: May 23 08:03:55 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	94797	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	173626	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	152044	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	69197	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	56556	57.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.60%	
35) Dibromofluoromethane	7.88	113	54751	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
50) Toluene-d8	10.32	98	213550	53.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.12%	
62) 4-Bromofluorobenzene	12.62	95	80392	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	

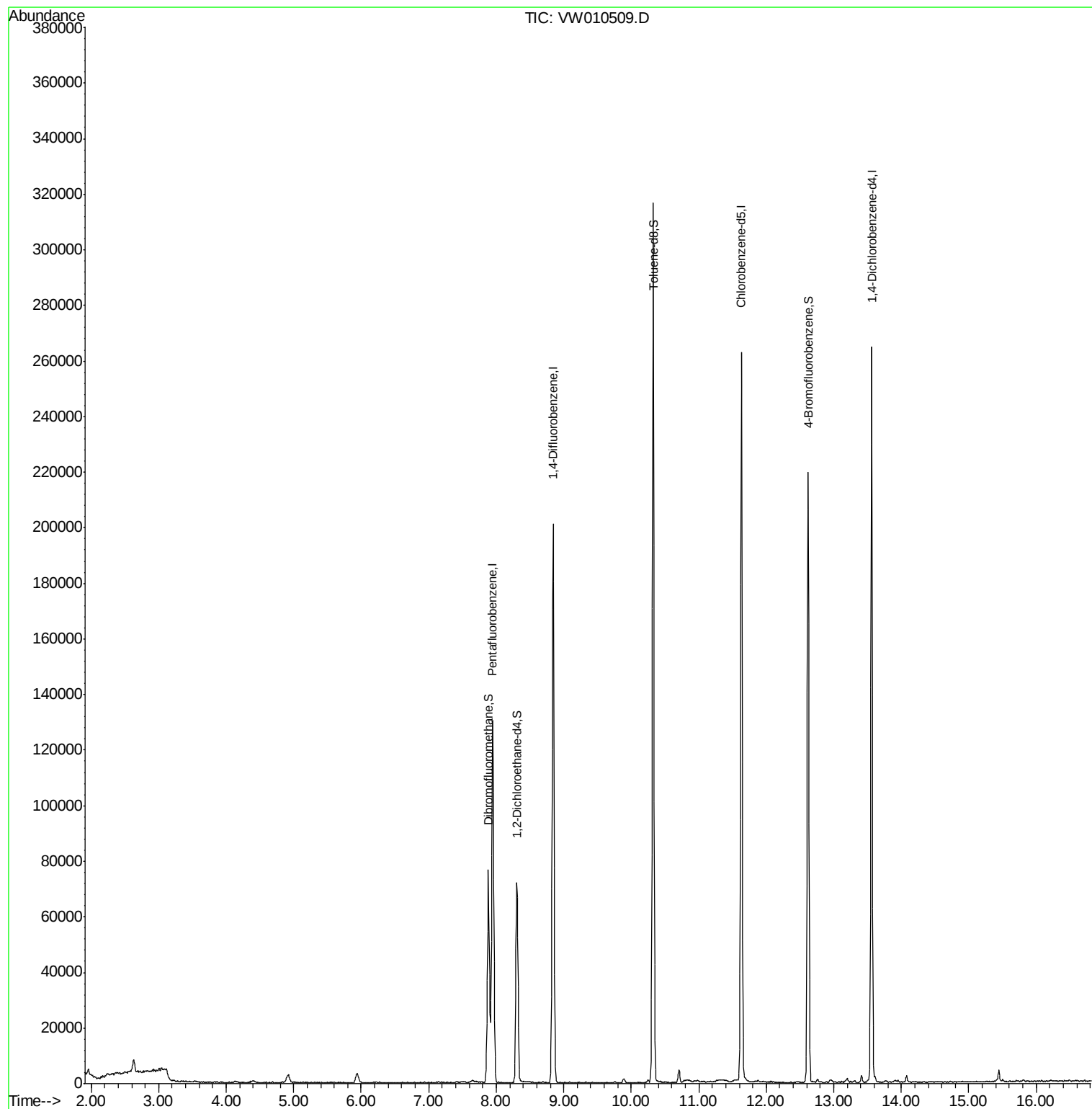
Target Compounds	Qvalue

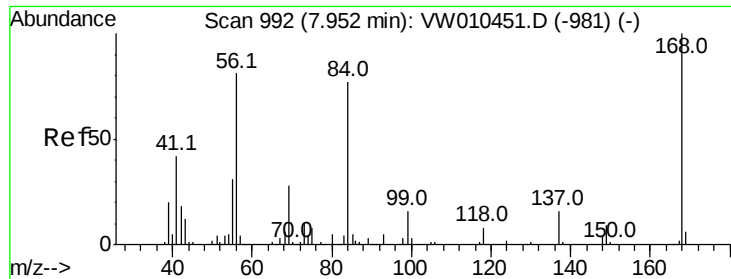
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW010509.D

Acq: 22 May 2019 14:42

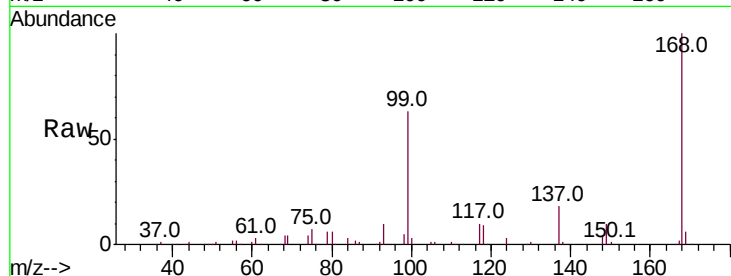
Instrument :
MSVOA_W
ClientSampleId :
COMP-3

Tot Ion:168 Resp: 94797

Ion Ratio Lower Upper

168 100

99 63.3 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

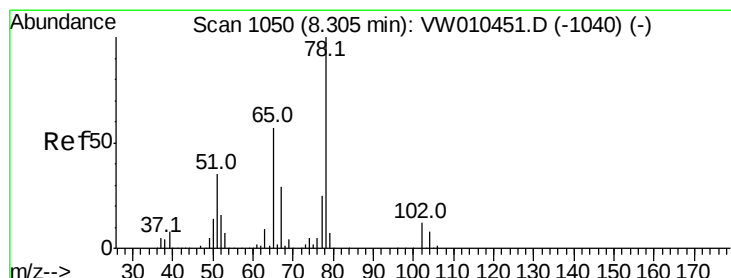
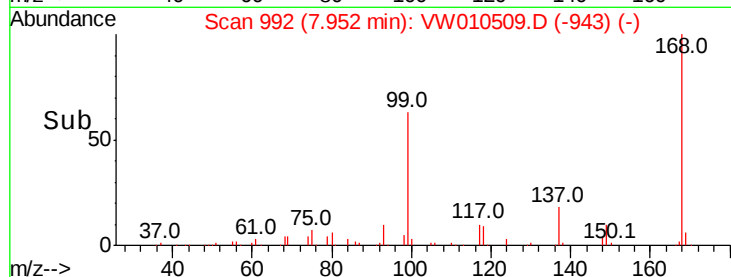
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.801 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010509.D

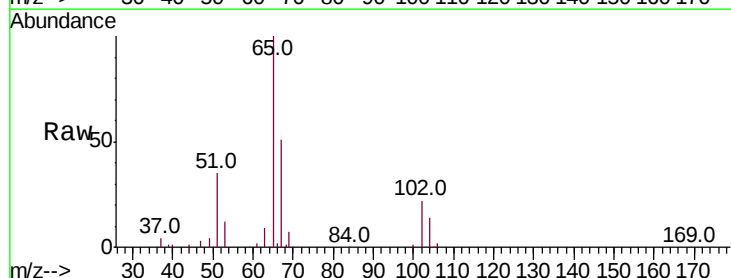
Acq: 22 May 2019 14:42

Tgt Ion: 65 Resp: 56556

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

8.31

30000

25000

20000

15000

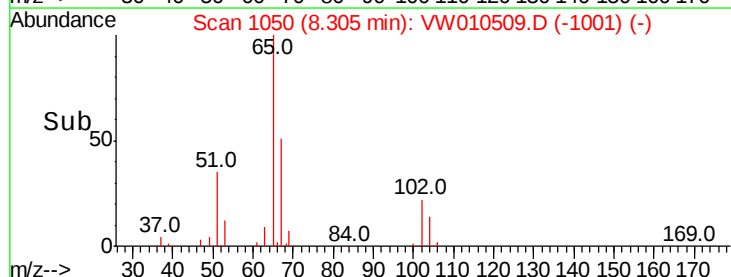
10000

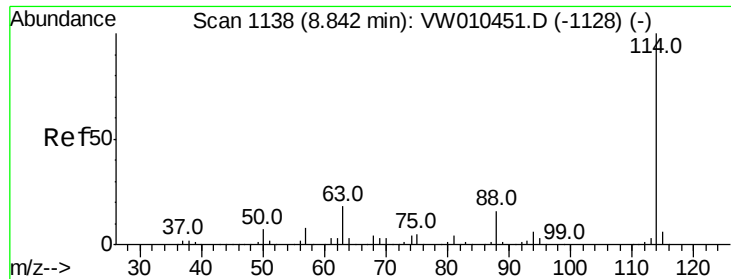
5000

0

8.20 8.30 8.40

Time-->

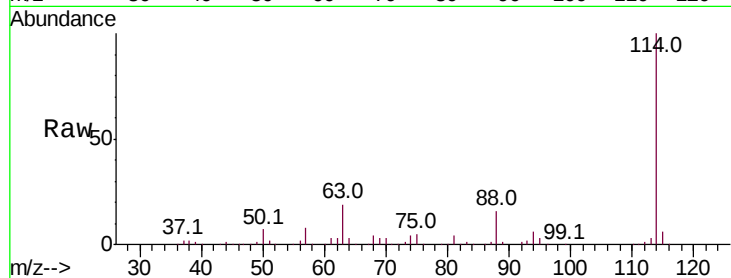




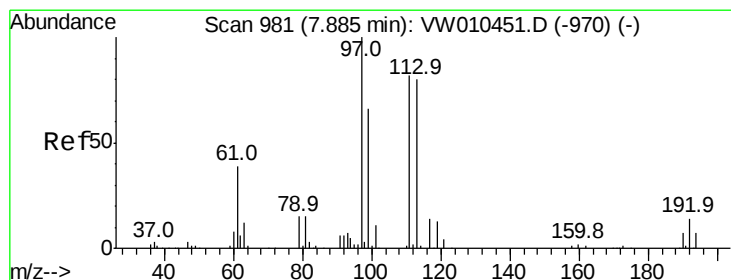
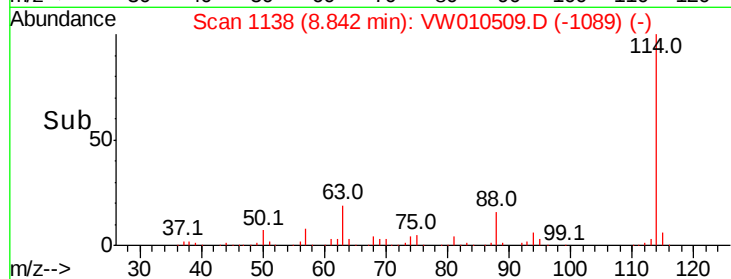
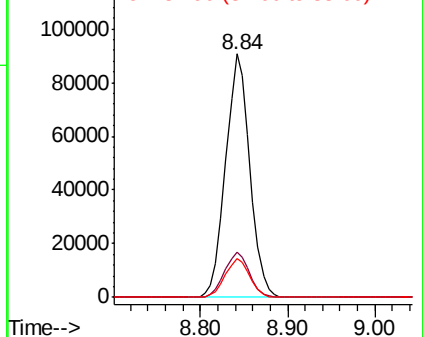
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010509.D
 Acq: 22 May 2019 14:42

Instrument :
 MSVOA_W
 ClientSampleId :
 COMP-3

Tot Ion:114 Resp: 173626
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 36.0
 88 16.2 0.0 32.0

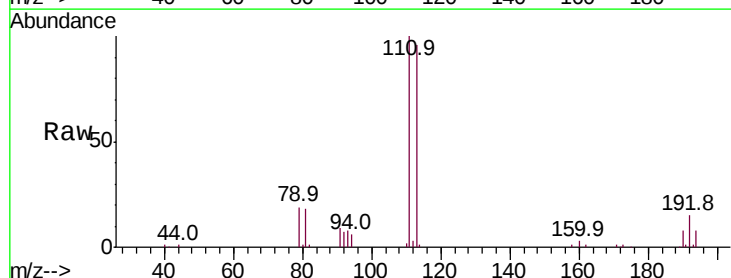


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

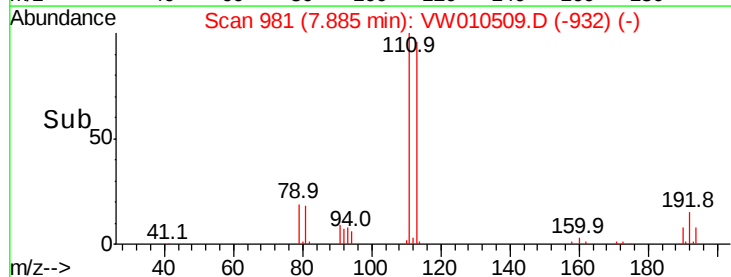
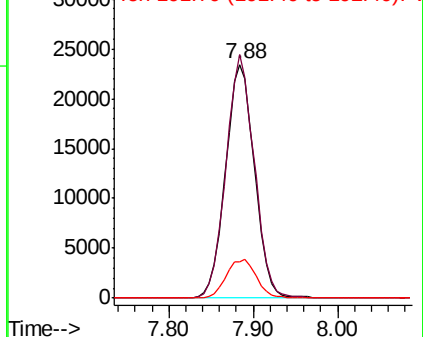


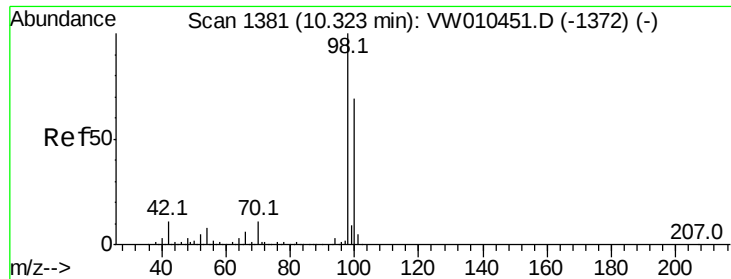
#35
 Dibromofluoromethane
 Concen: 51.969 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010509.D
 Acq: 22 May 2019 14:42

Tgt Ion:113 Resp: 54751
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.2 123.4
 192 17.0 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

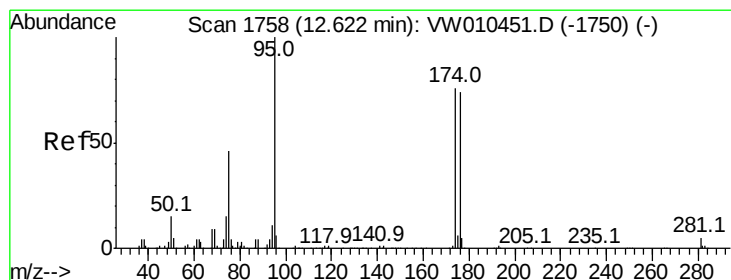
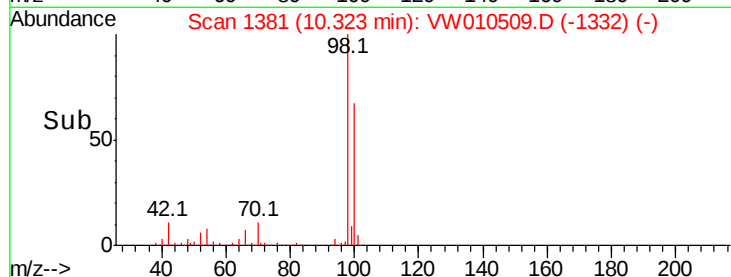
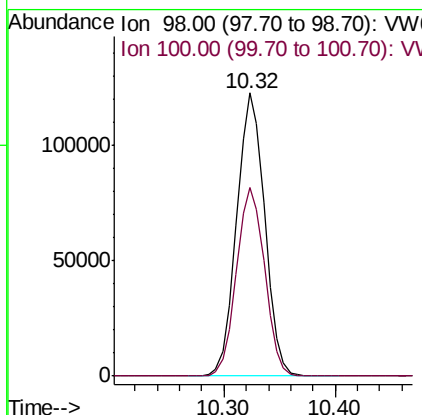
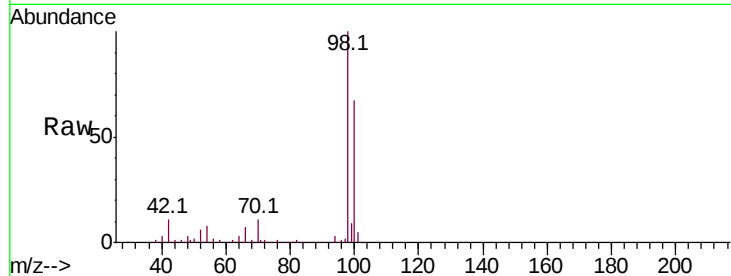




#50
Toluene-d8
Concen: 53.059 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010509.D
Acq: 22 May 2019 14:42

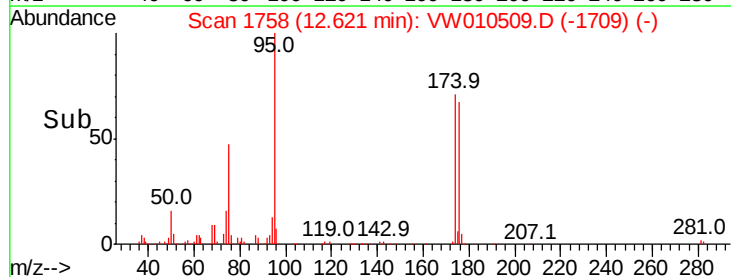
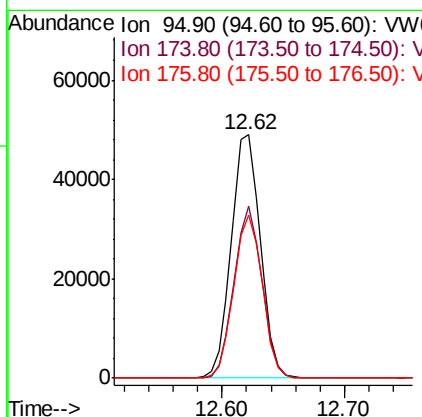
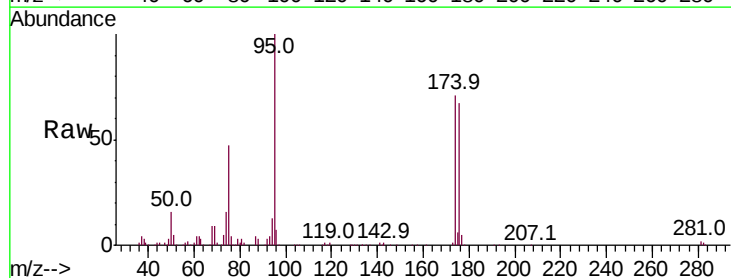
Instrument :
MSVOA_W
ClientSampleId :
COMP-3

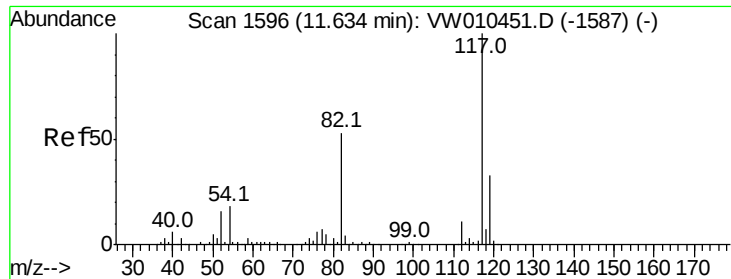
Tot Ion: 98 Resp: 213550
Ion Ratio Lower Upper
98 100
100 67.1 53.7 80.5



#62
4-Bromofluorobenzene
Concen: 50.148 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010509.D
Acq: 22 May 2019 14:42

Tgt Ion: 95 Resp: 80392
Ion Ratio Lower Upper
95 100
174 67.8 0.0 148.6
176 65.6 0.0 144.2

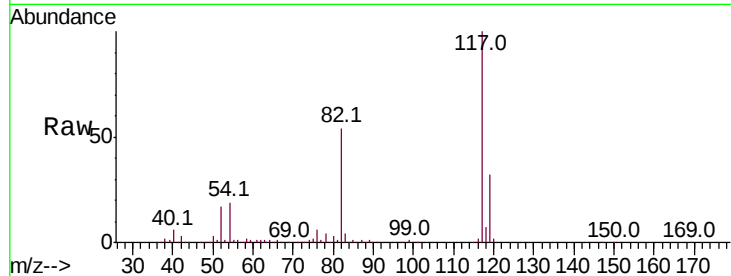




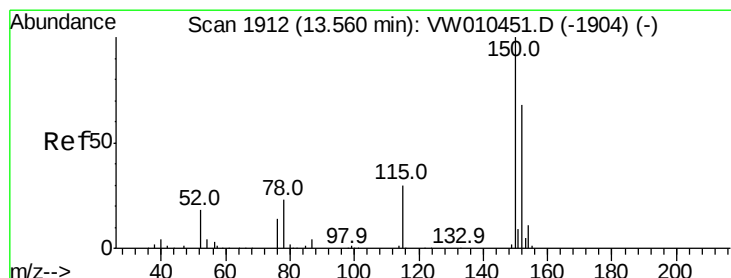
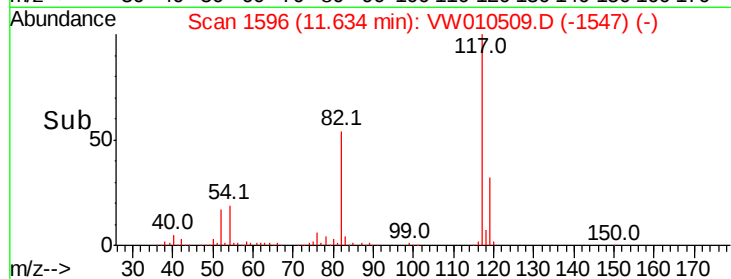
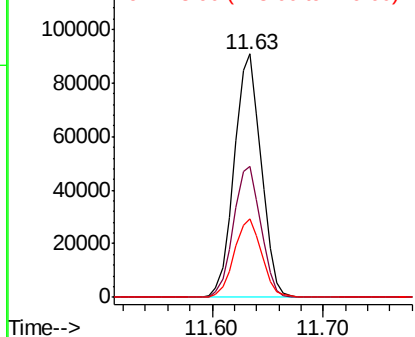
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010509.D
Acq: 22 May 2019 14:42

Instrument :
MSVOA_W
ClientSampleId :
COMP-3

Tot Ion:117 Resp: 152044
Ion Ratio Lower Upper
117 100
82 53.8 42.8 64.2
119 31.9 26.3 39.5

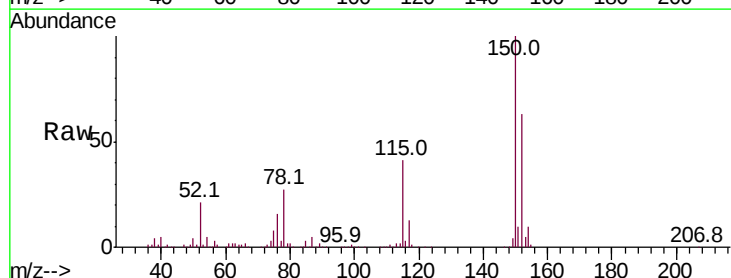


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW010509.D
Acq: 22 May 2019 14:42

Tgt Ion:152 Resp: 69197
Ion Ratio Lower Upper
152 100
115 63.8 30.3 91.0
150 156.4 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

