

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062819\
 Data File : VW011029.D
 Acq On : 27 Jun 2019 21:19
 Operator : SY/VA
 Sample : VW0628SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0628SBL01

Quant Time: Jun 28 08:55:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:55:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	203243	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	353713	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	319844	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	153181	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	149747	56.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.72%	
35) Dibromofluoromethane	7.88	113	110871	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	
50) Toluene-d8	10.32	98	448715	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
62) 4-Bromofluorobenzene	12.62	95	164738	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	

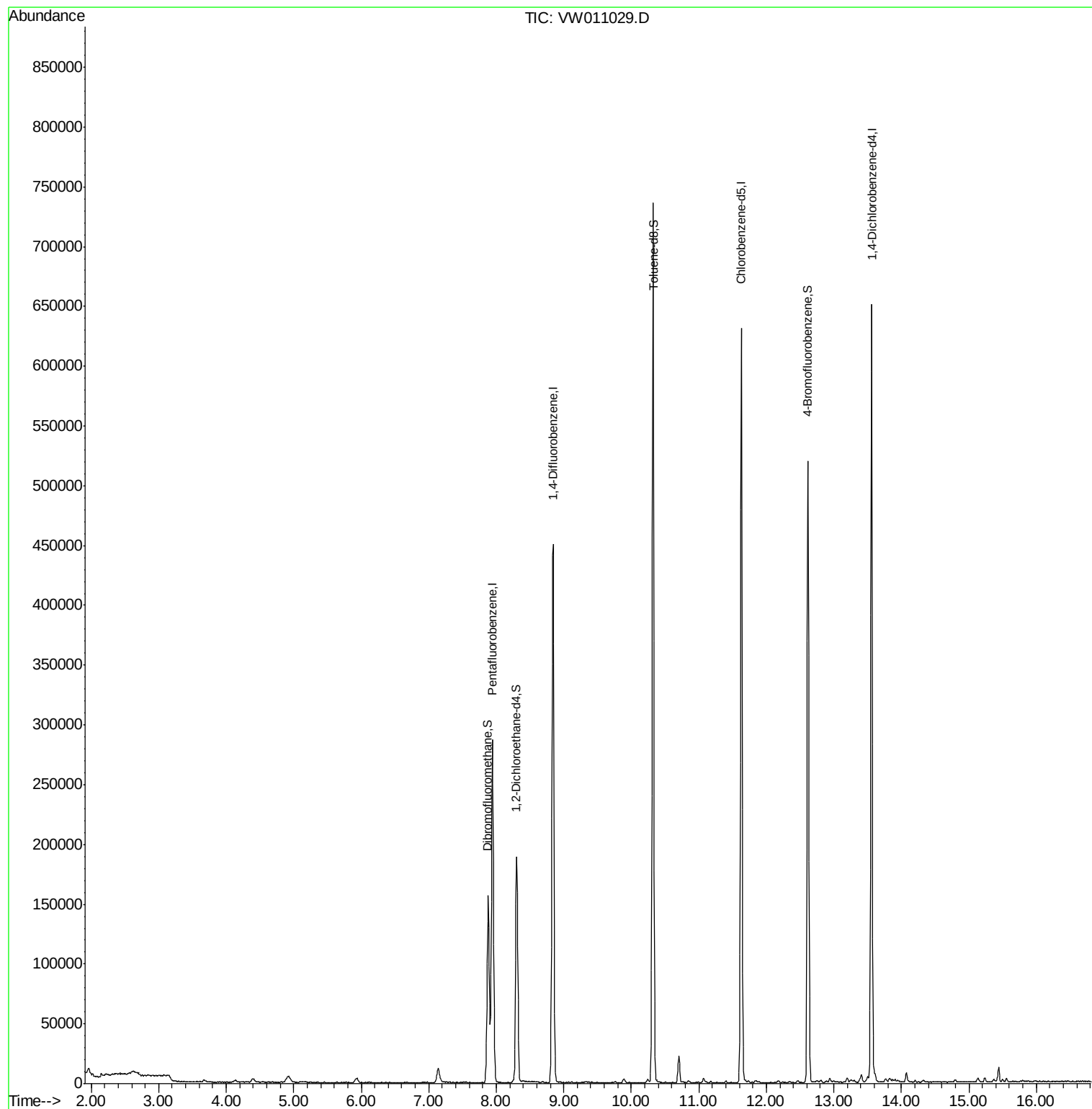
Target Compounds	Qvalue
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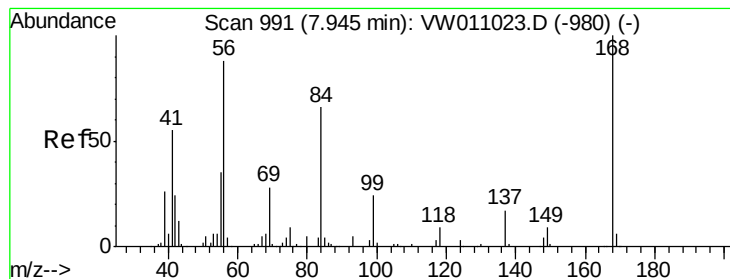
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062819\
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Quant Title : SW846 8260
QLast Update : Fri Jun 28 01:55:46 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011029.D

Acq: 27 Jun 2019 21:19

Instrument :

MSVOA_W

ClientSampleId :

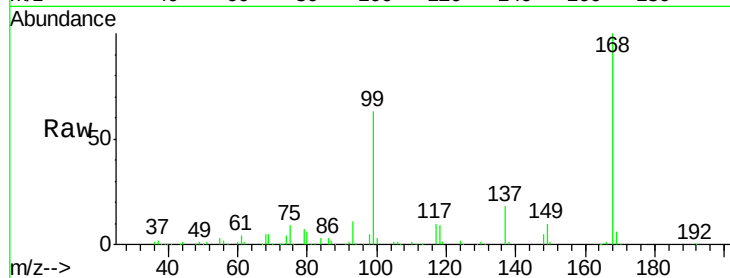
VW0628SBL01

Tot Ion:168 Resp: 203243

Ion Ratio Lower Upper

168 100

99 62.7 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

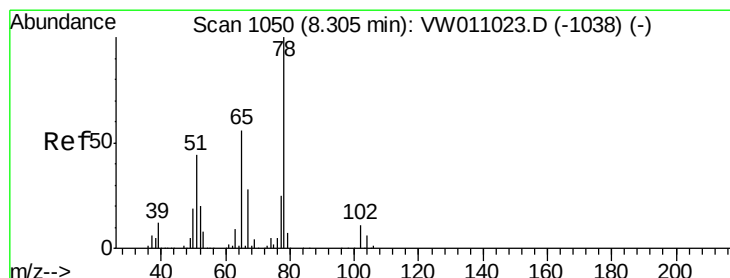
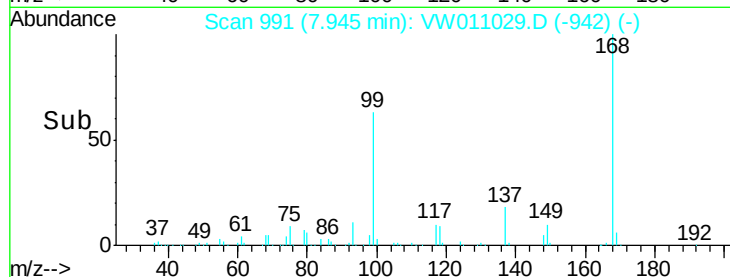
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 56.361 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011029.D

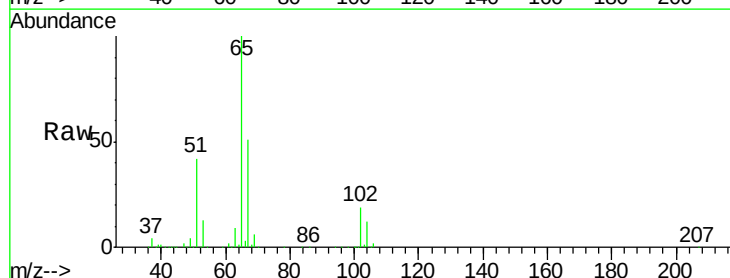
Acq: 27 Jun 2019 21:19

Tgt Ion: 65 Resp: 149747

Ion Ratio Lower Upper

65 100

67 51.7 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

80000

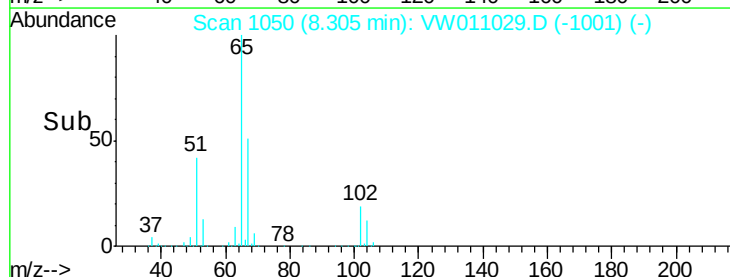
60000

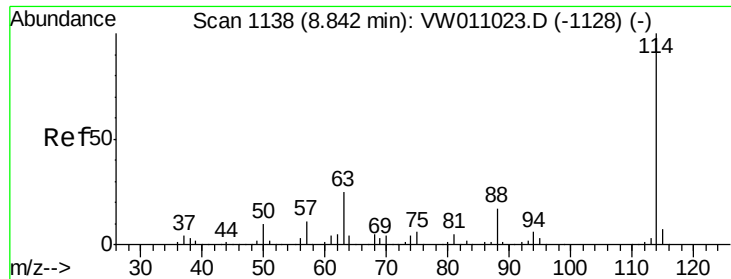
40000

20000

0

Time--> 8.20 8.30 8.40

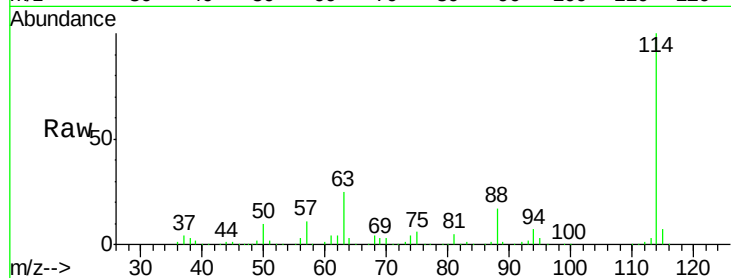




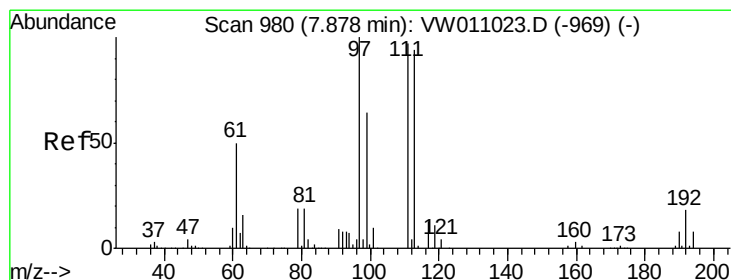
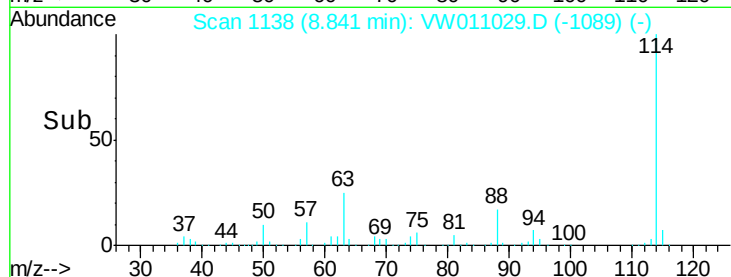
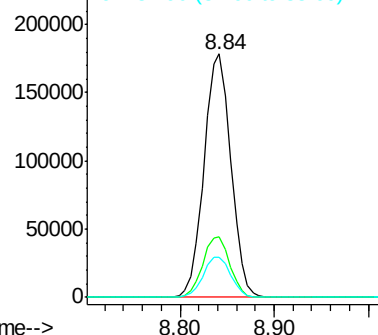
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW011029.D
Acq: 27 Jun 2019 21:19

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBL01

Tot Ion:114 Resp: 353713
Ion Ratio Lower Upper
114 100
63 25.0 0.0 50.6
88 16.6 0.0 34.0

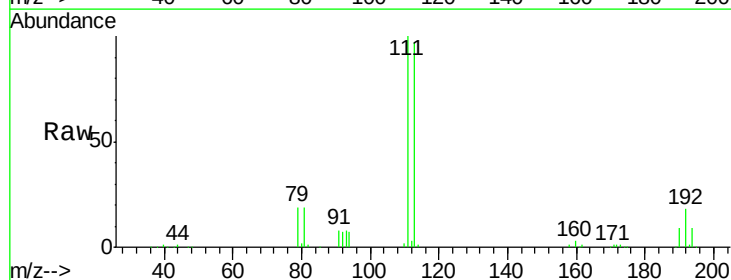


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

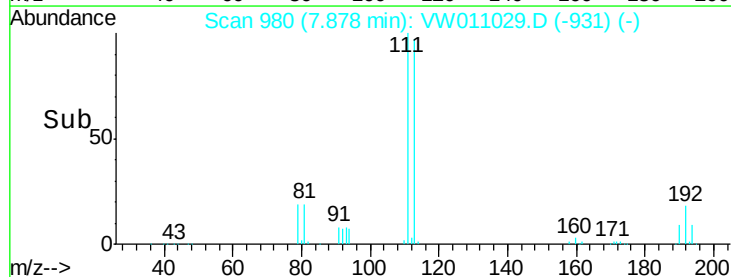
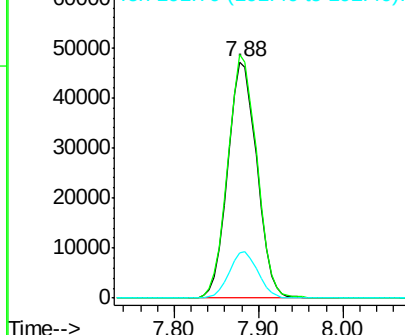


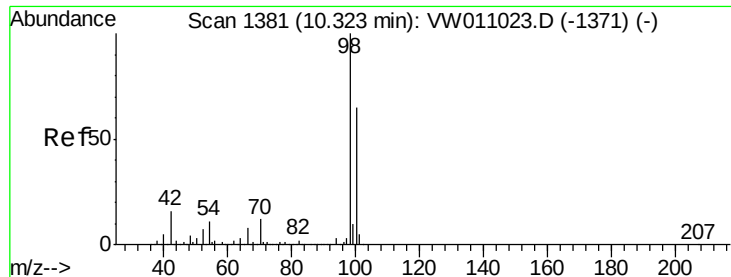
#35
Dibromofluoromethane
Concen: 51.331 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW011029.D
Acq: 27 Jun 2019 21:19

Tgt Ion:113 Resp: 110871
Ion Ratio Lower Upper
113 100
111 102.8 83.8 125.6
192 19.5 16.0 24.0



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

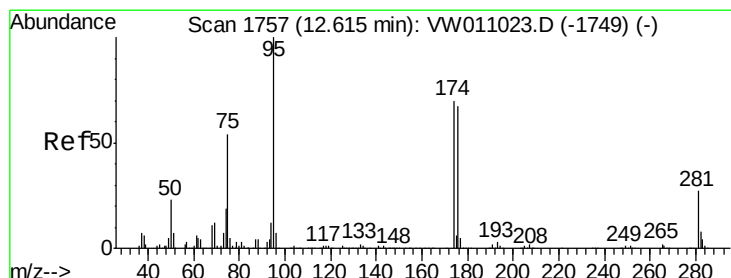
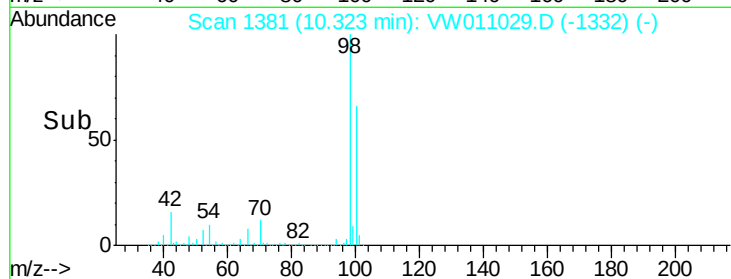
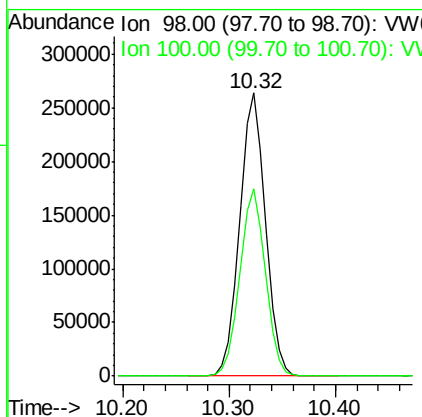
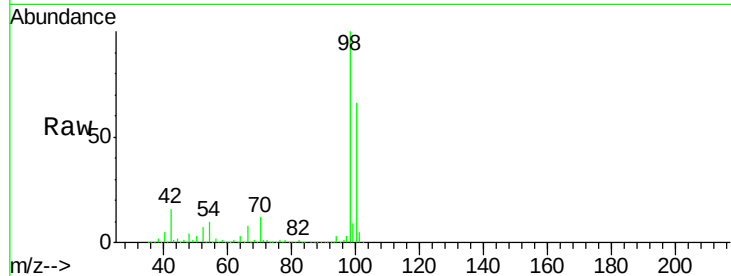




#50
Toluene-d8
Concen: 50.470 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011029.D
Acq: 27 Jun 2019 21:19

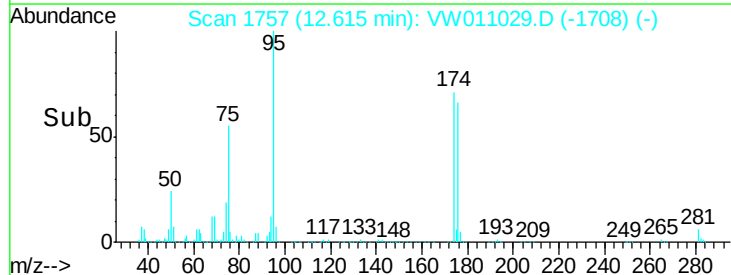
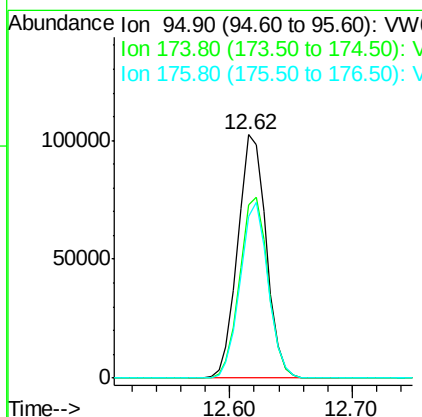
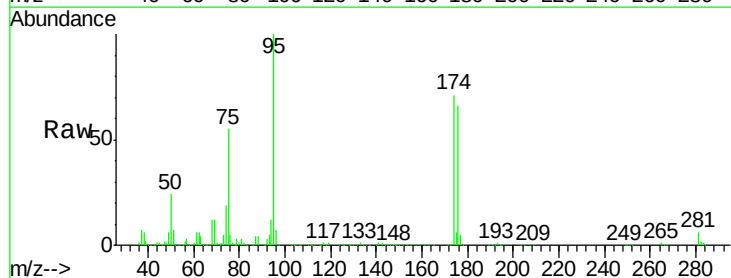
Instrument :
MSVOA_W
ClientSampleId :
VW0628SBL01

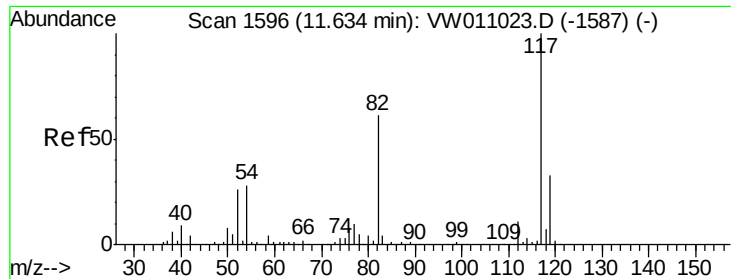
Tot Ion: 98 Resp: 448715
Ion Ratio Lower Upper
98 100
100 65.9 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 50.660 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW011029.D
Acq: 27 Jun 2019 21:19

Tgt Ion: 95 Resp: 164738
Ion Ratio Lower Upper
95 100
174 74.7 0.0 149.2
176 71.1 0.0 143.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW011029.D

Acq: 27 Jun 2019 21:19

Instrument :

MSVOA_W

ClientSampleId :

VW0628SBL01

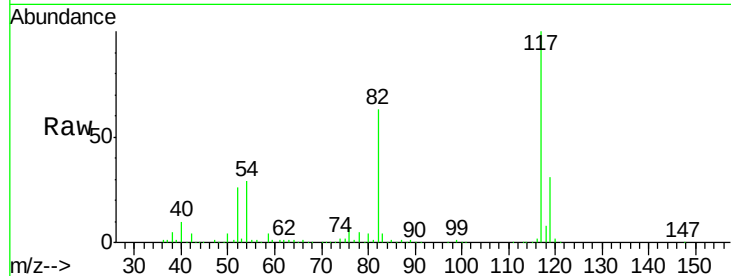
Tot Ion:117 Resp: 319844

Ion Ratio Lower Upper

117 100

82 63.3 48.6 73.0

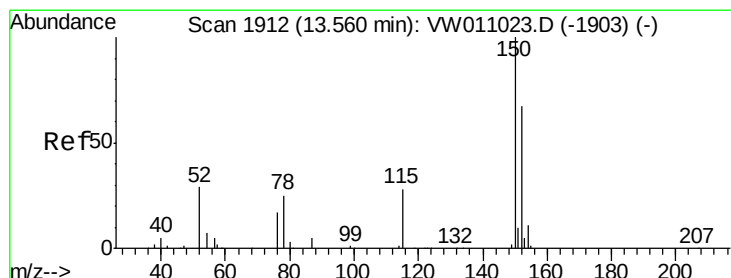
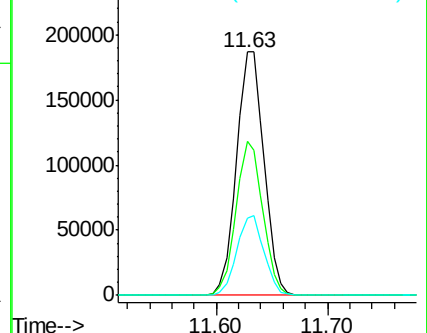
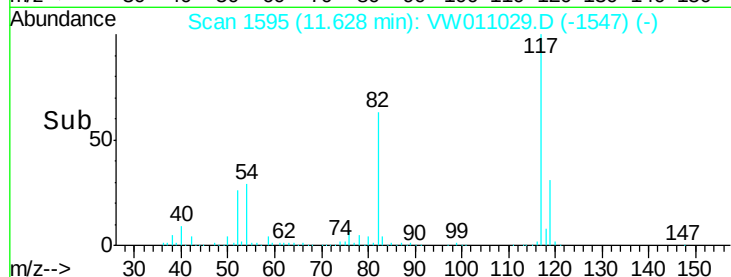
119 31.5 26.1 39.1



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

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: VW011029.D

Acq: 27 Jun 2019 21:19

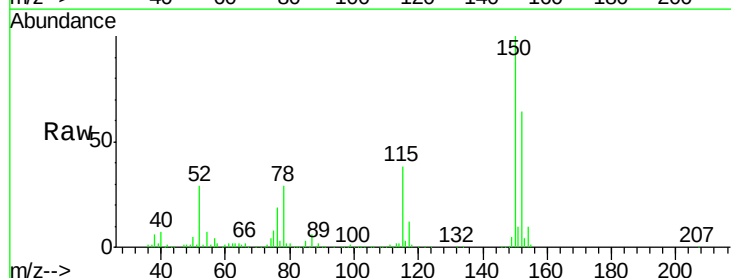
Tgt Ion:152 Resp: 153181

Ion Ratio Lower Upper

152 100

115 61.6 30.7 92.1

150 158.4 0.0 341.8



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

