

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081219\
 Data File : VW011835.D
 Acq On : 10 Aug 2019 02:00
 Operator : SY/VA
 Sample : K4277-09
 Misc : 6.94G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-22

Quant Time: Aug 11 02:10:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	201480	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	335588	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	281162	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	113967	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	135221	58.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.90%	
35) Dibromofluoromethane	7.88	113	103597	55.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.06%	
50) Toluene-d8	10.32	98	411484	53.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.76%	
62) 4-Bromofluorobenzene	12.62	95	130012	47.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.62%	

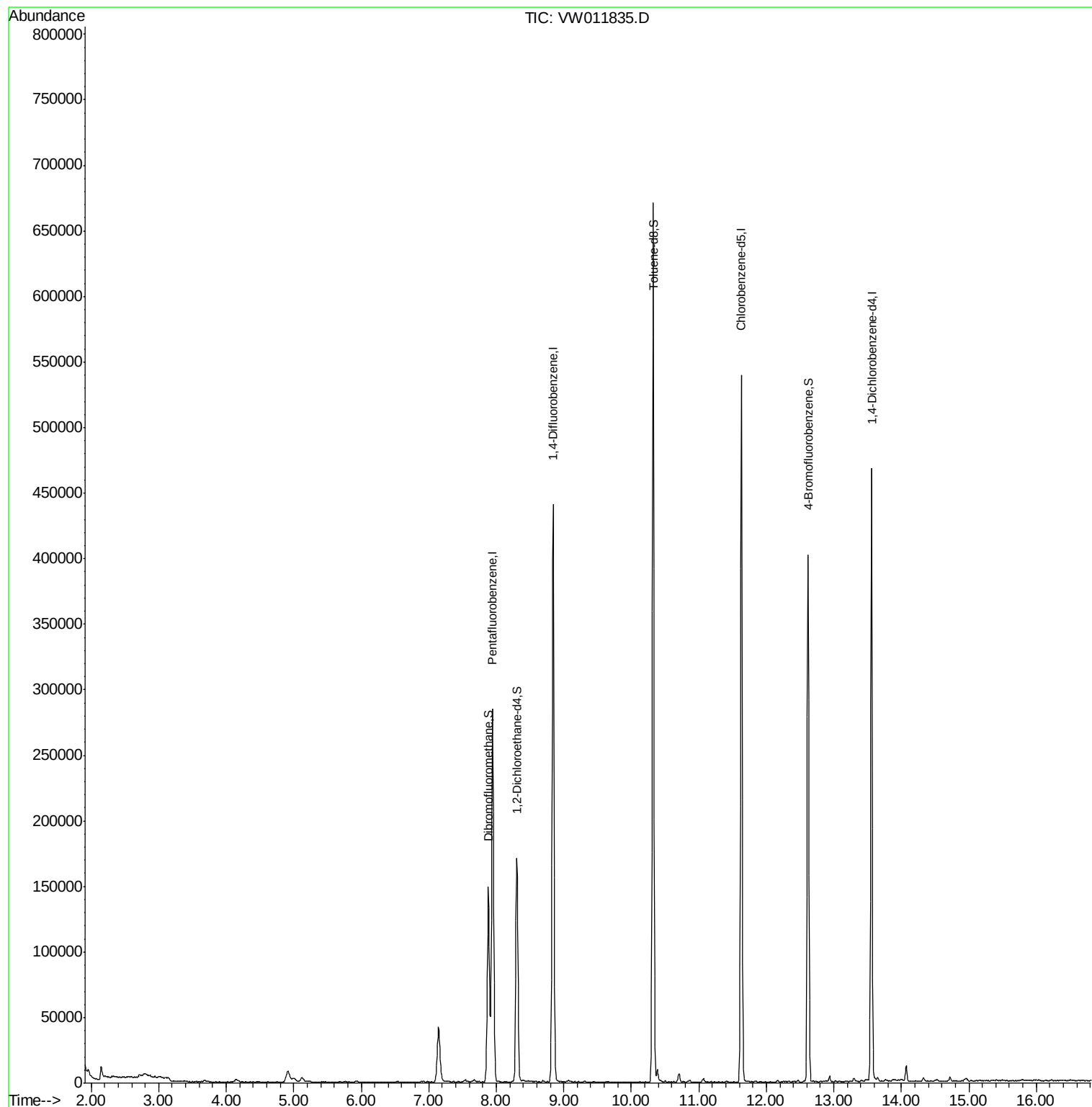
Target Compounds	Qvalue

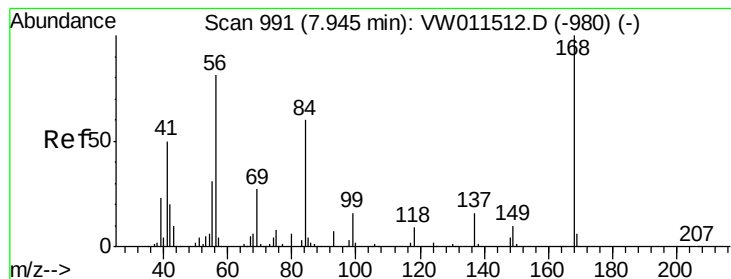
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011835.D

Acq: 10 Aug 2019 02:00

Instrument :

MSVOA_W

ClientSampleId :

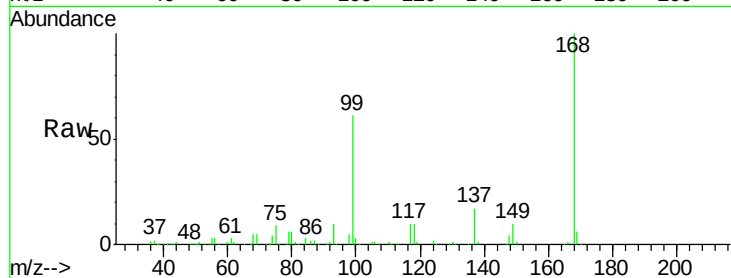
TP-22

Tot Ion:168 Resp: 201480

Ion Ratio Lower Upper

168 100

99 61.1 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

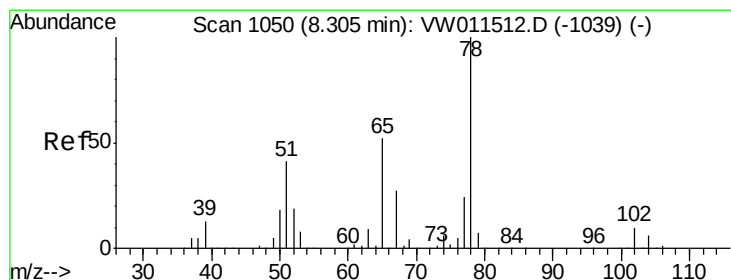
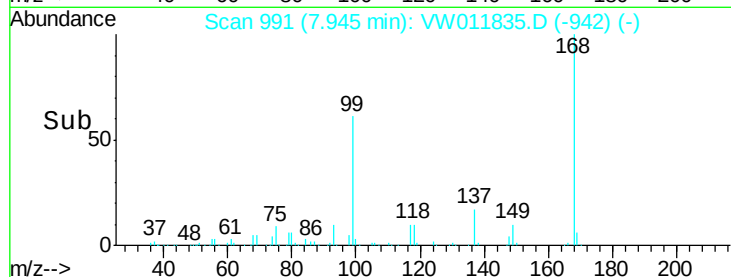
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 58.447 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011835.D

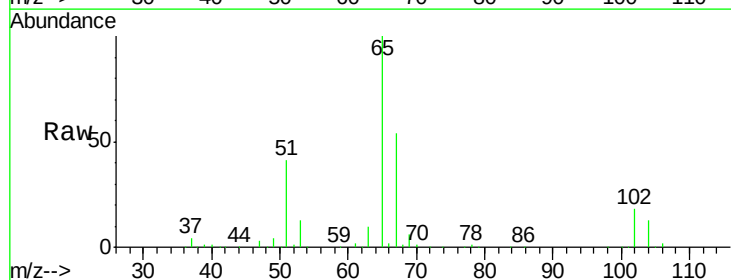
Acq: 10 Aug 2019 02:00

Tgt Ion: 65 Resp: 135221

Ion Ratio Lower Upper

65 100

67 51.8 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

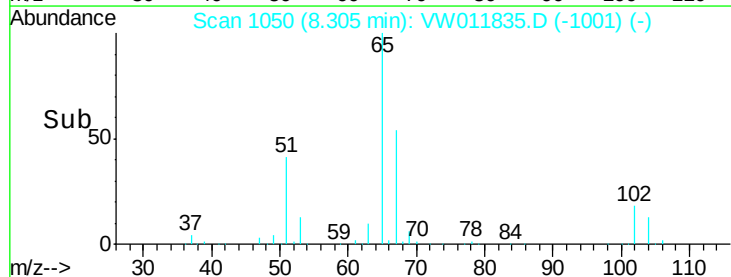
60000

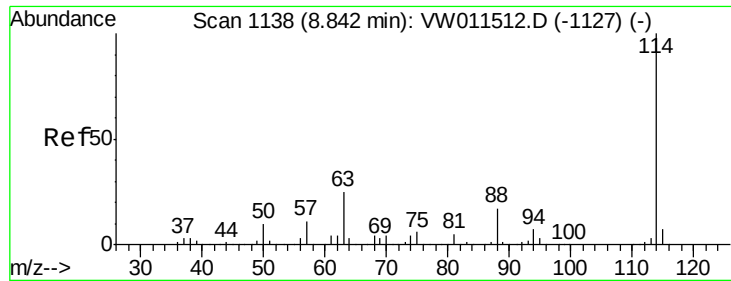
40000

20000

0

Time-->

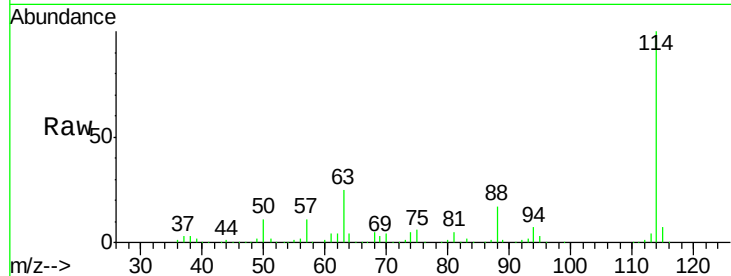




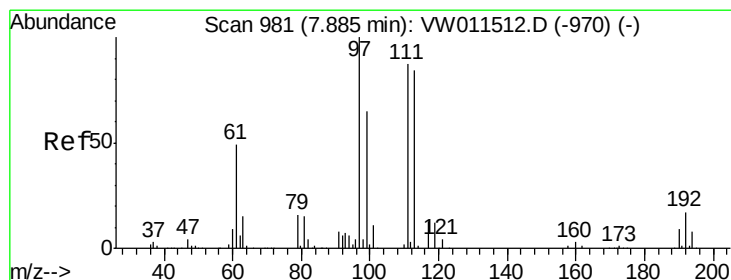
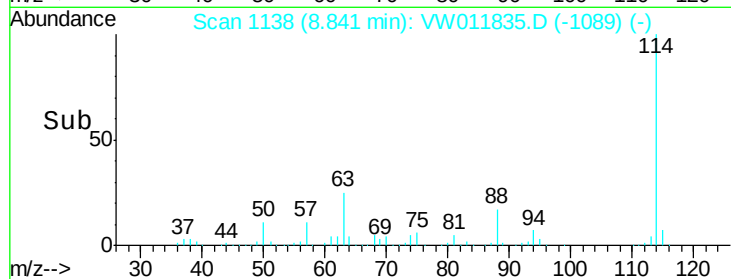
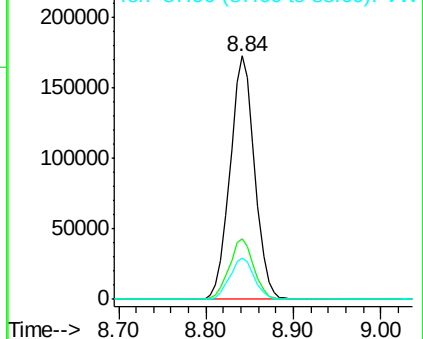
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW011835.D
Acq: 10 Aug 2019 02:00

Instrument :
MSVOA_W
ClientSampleId :
TP-22

Tot Ion:114 Resp: 335588
Ion Ratio Lower Upper
114 100
63 25.0 0.0 49.2
88 16.8 0.0 33.8

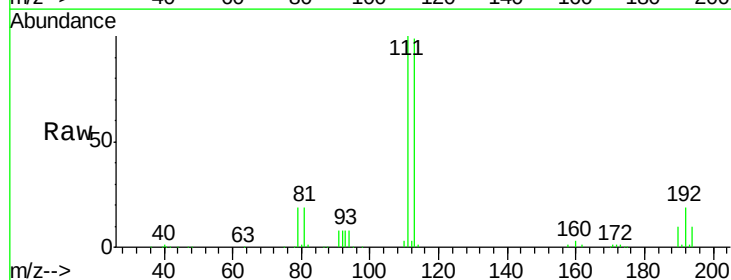


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

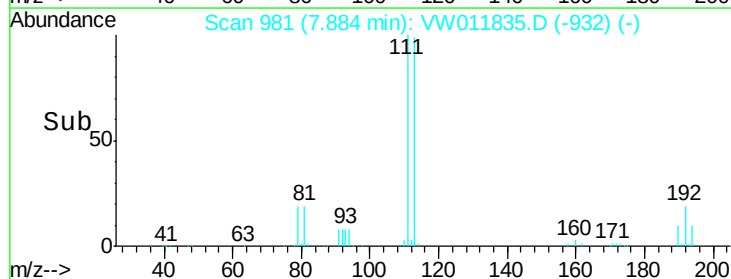
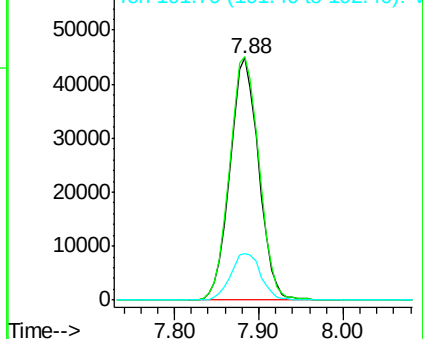


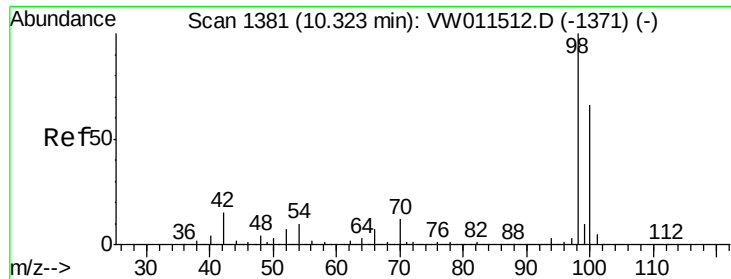
#35
Dibromofluoromethane
Concen: 55.026 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW011835.D
Acq: 10 Aug 2019 02:00

Tgt Ion:113 Resp: 103597
Ion Ratio Lower Upper
113 100
111 103.3 82.7 124.1
192 20.1 16.1 24.1



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

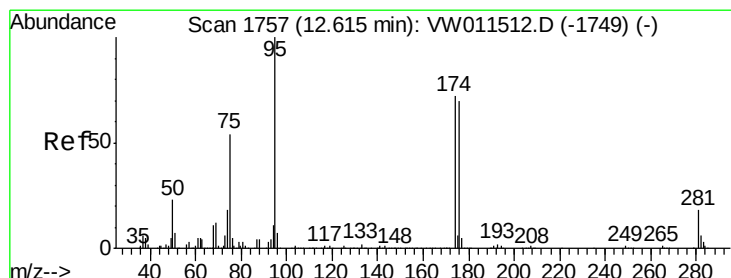
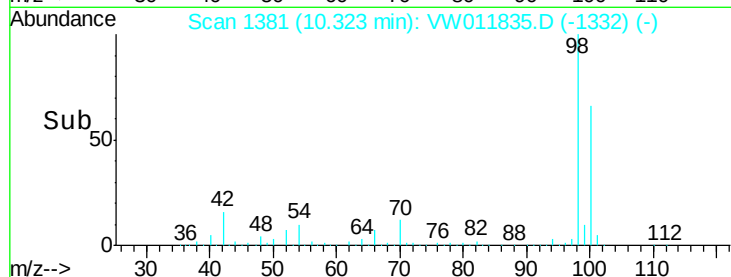
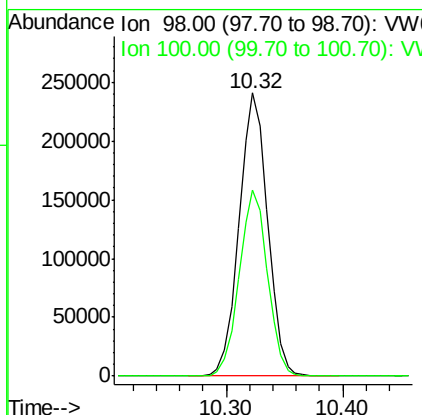
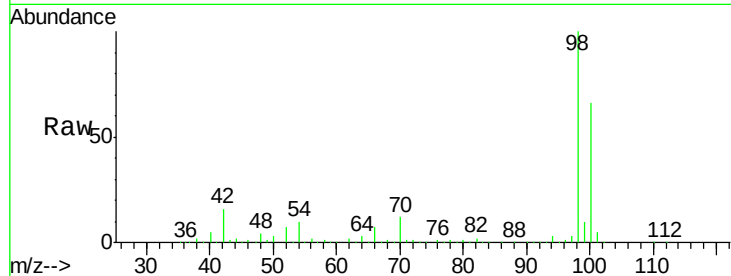




#50
Toluene-d8
Concen: 53.382 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011835.D
Acq: 10 Aug 2019 02:00

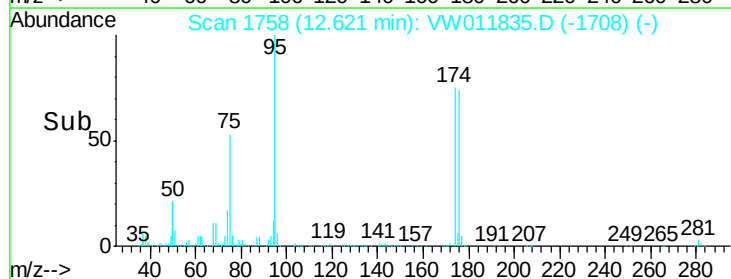
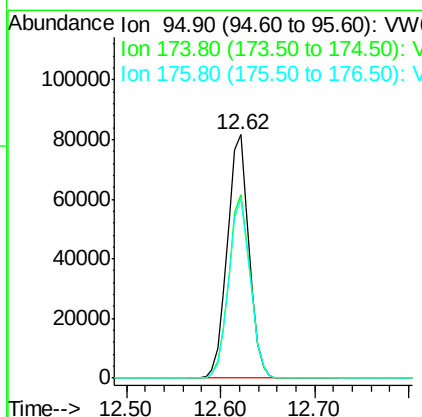
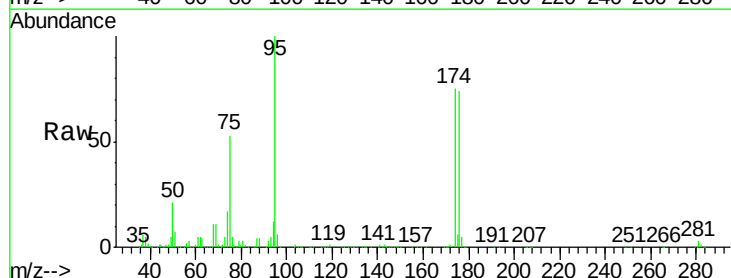
Instrument :
MSVOA_W
ClientSampled :
TP-22

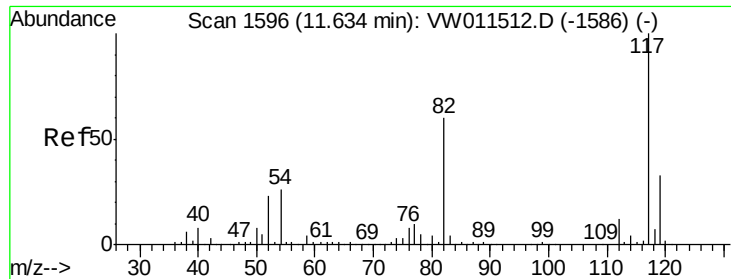
Tot Ion: 98 Resp: 411484
Ion Ratio Lower Upper
98 100
100 65.4 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 47.308 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.01 min
Lab File: VW011835.D
Acq: 10 Aug 2019 02:00

Tgt Ion: 95 Resp: 130012
Ion Ratio Lower Upper
95 100
174 75.5 0.0 150.2
176 73.4 0.0 144.4

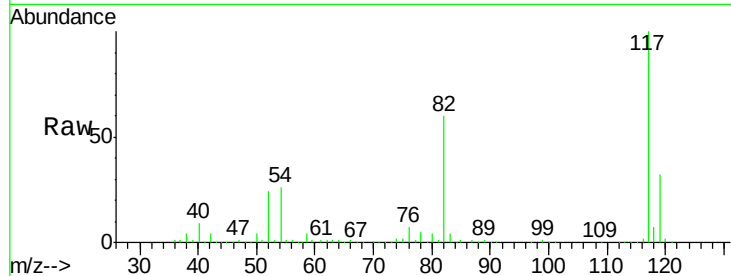




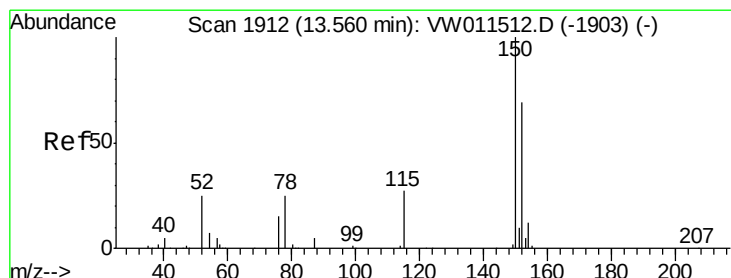
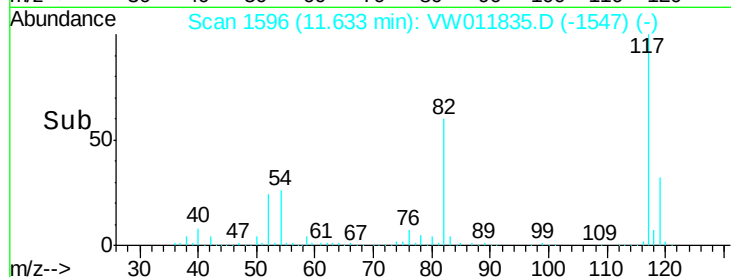
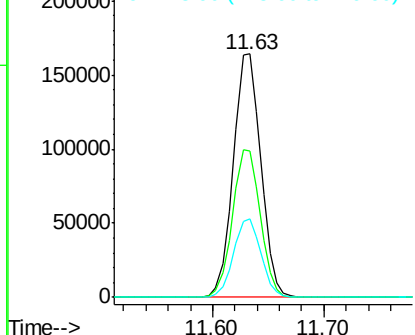
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011835.D
Acq: 10 Aug 2019 02:00

Instrument :
MSVOA_W
ClientSampled :
TP-22

Tot Ion:117 Resp: 281162
Ion Ratio Lower Upper
117 100
82 60.0 47.9 71.9
119 32.3 26.2 39.2

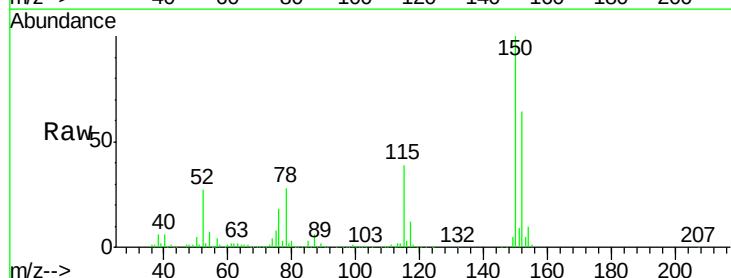


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011835.D
Acq: 10 Aug 2019 02:00

Tgt Ion:152 Resp: 113967
Ion Ratio Lower Upper
152 100
115 60.4 30.5 91.5
150 155.1 0.0 352.6



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

