

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091419\
 Data File : VW012979.D
 Acq On : 14 Sep 2019 02:59
 Operator : SY/VA
 Sample : K4786-05
 Misc : 6.35G/5ML/MSVOA_W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP3

Quant Time: Sep 14 05:44:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	282799	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	428290	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	351216	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	140297	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	148506	56.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.72%	
35) Dibromofluoromethane	7.88	113	127001	54.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.30%	
50) Toluene-d8	10.32	98	502121	55.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.44%	
62) 4-Bromofluorobenzene	12.62	95	152034	46.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.98%	

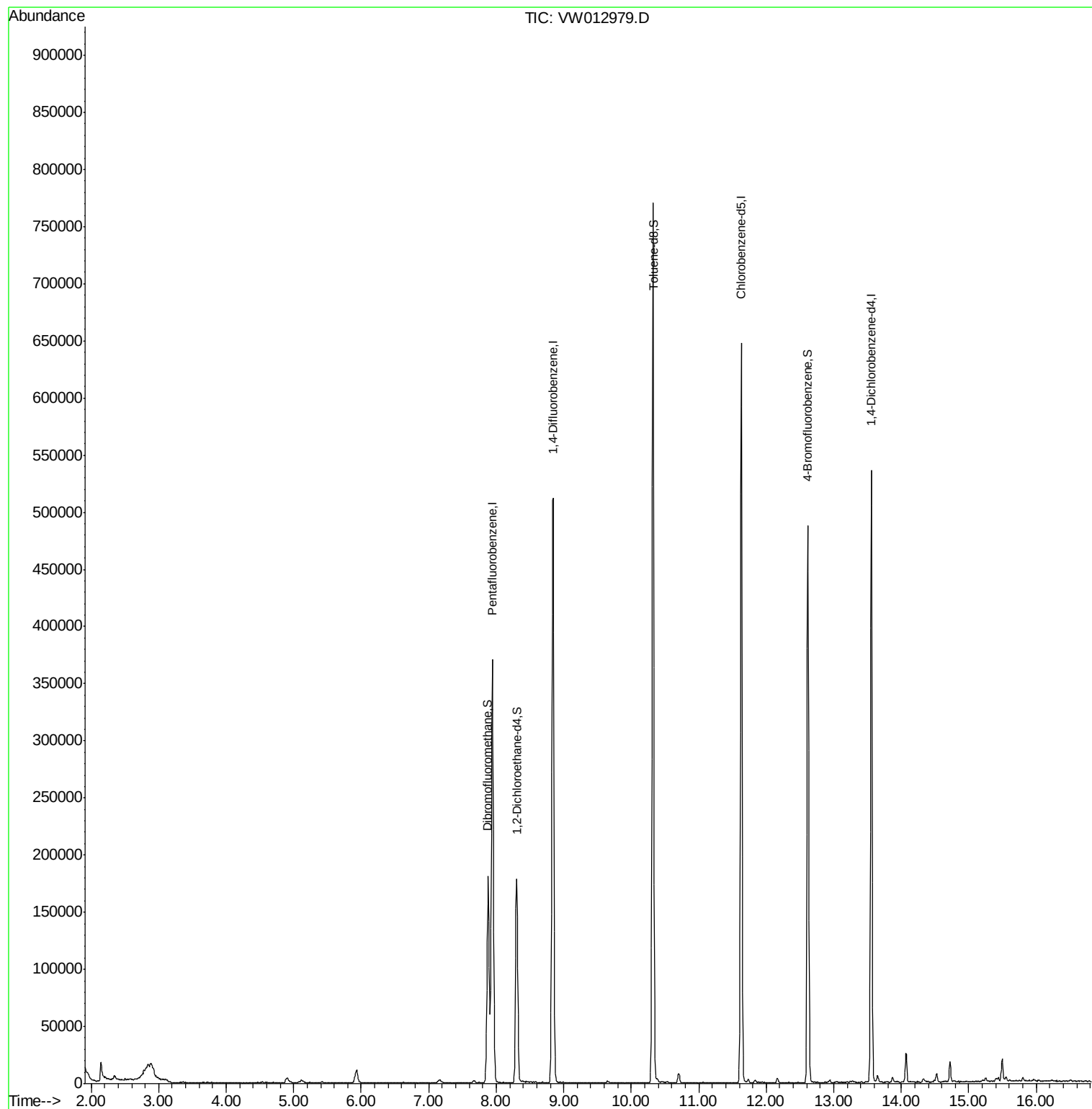
Target Compounds	Qvalue

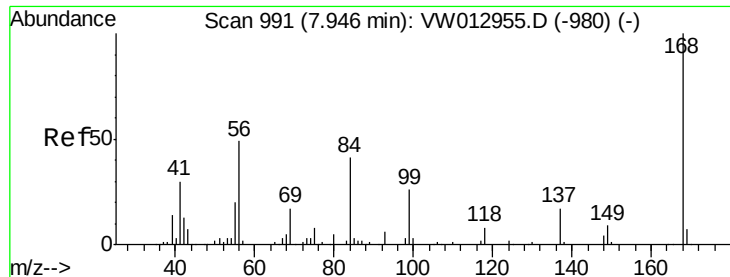
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012979.D

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MSVOA_W

ClientSampleId :

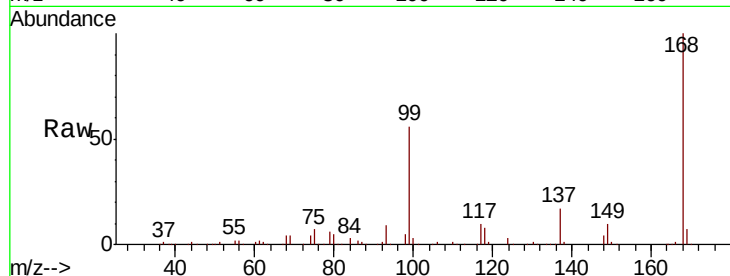
TP3

Tgt Ion:168 Resp: 282799

Ion Ratio Lower Upper

168 100

99 56.0 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

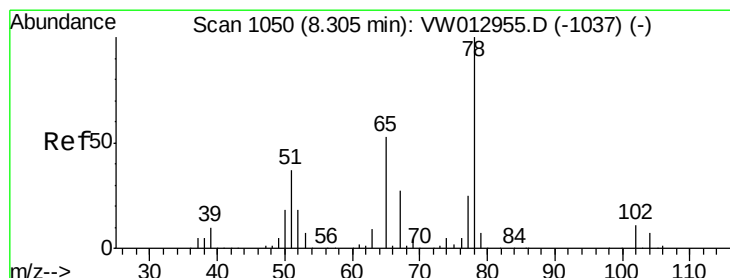
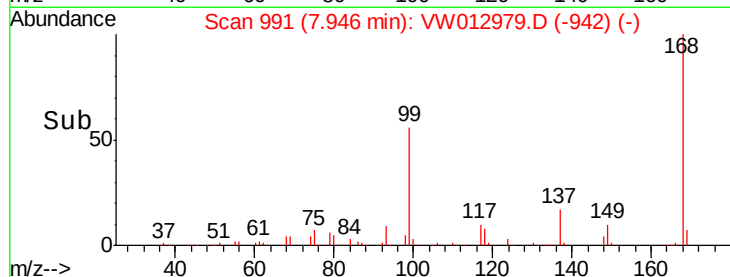
100000

50000

0

Time-->

7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 56.859 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW012979.D

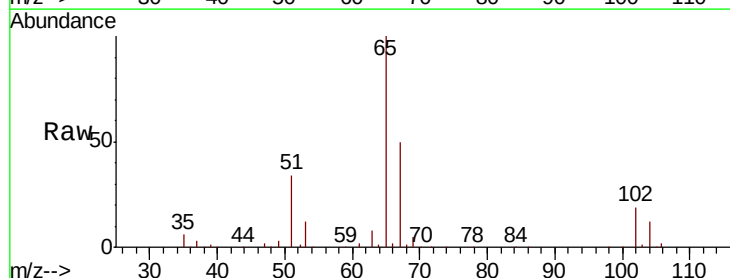
Acq: 14 Sep 2019 02:59

Tgt Ion: 65 Resp: 148506

Ion Ratio Lower Upper

65 100

67 51.0 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

80000

60000

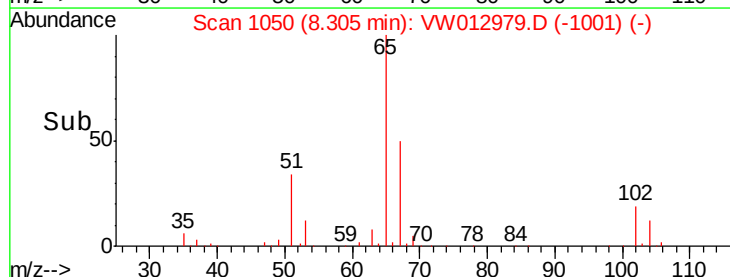
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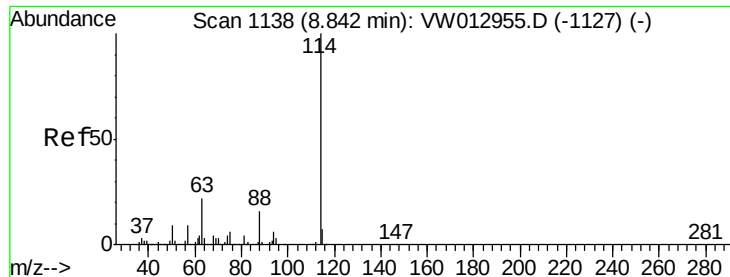
20000

0

Time-->

8.20 8.30 8.40

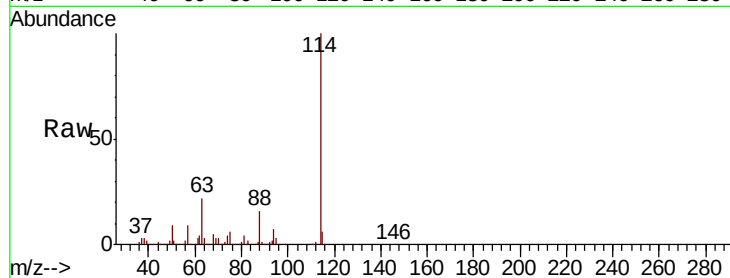




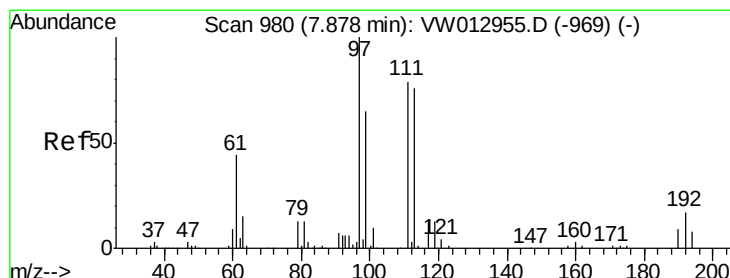
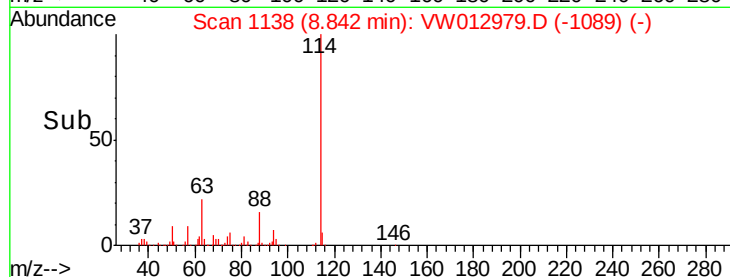
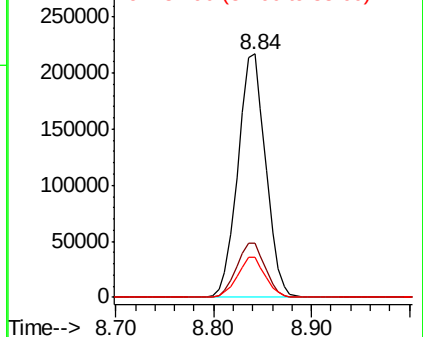
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012979.D
 Acq: 14 Sep 2019 02:59

Instrument :
 MSVOA_W
 ClientSampleId :
 TP3

Tgt Ion:114 Resp: 428290
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 43.4
 88 16.4 0.0 31.6

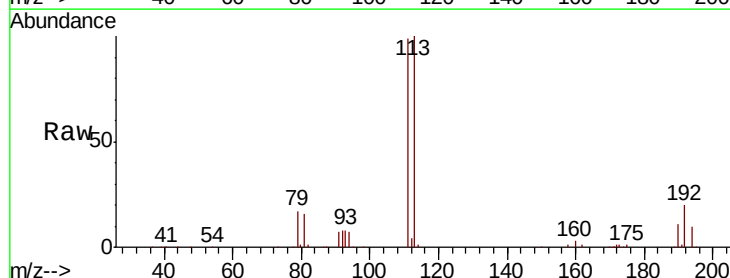


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

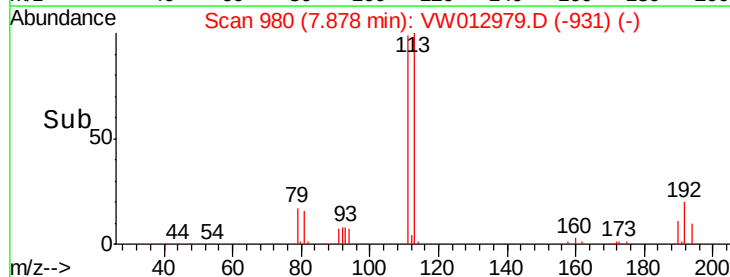
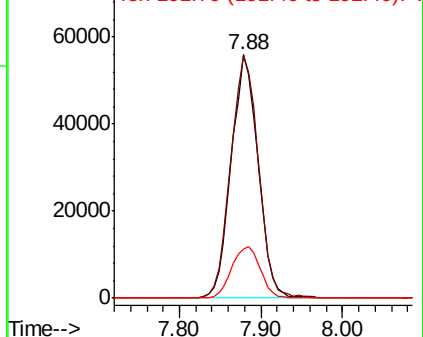


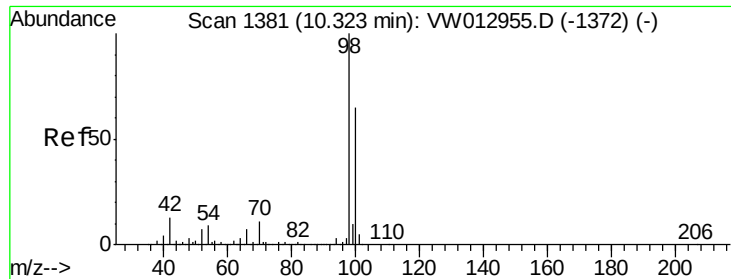
#35
 Dibromofluoromethane
 Concen: 54.649 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW012979.D
 Acq: 14 Sep 2019 02:59

Tgt Ion:113 Resp: 127001
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.8 124.2
 192 22.3 17.8 26.8



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

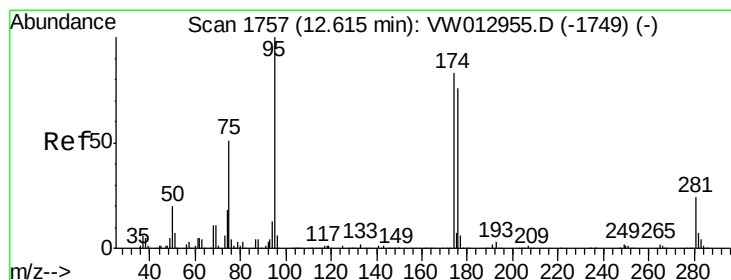
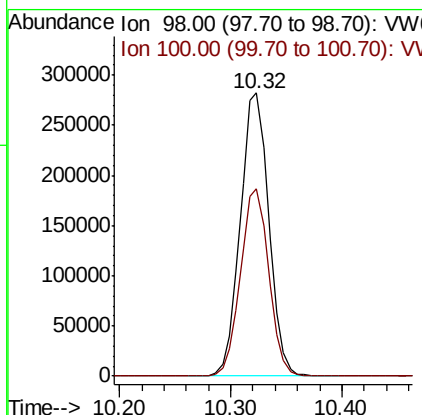
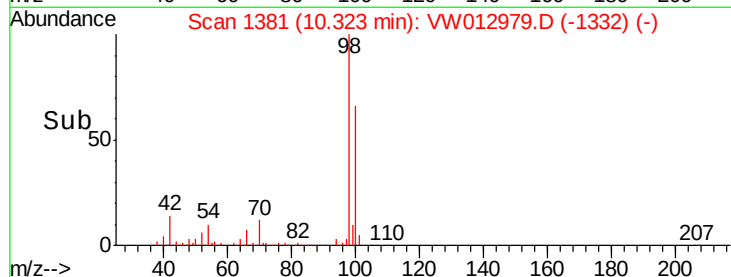
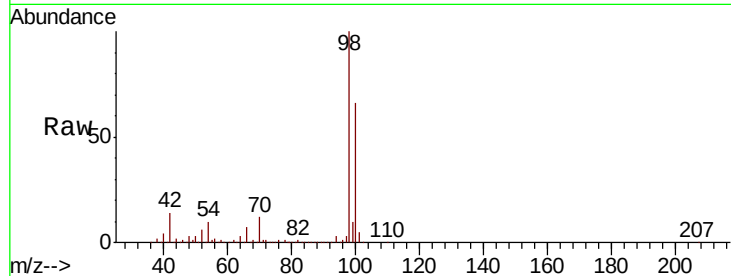




#50
Toluene-d8
Concen: 55.215 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW012979.D
Acq: 14 Sep 2019 02:59

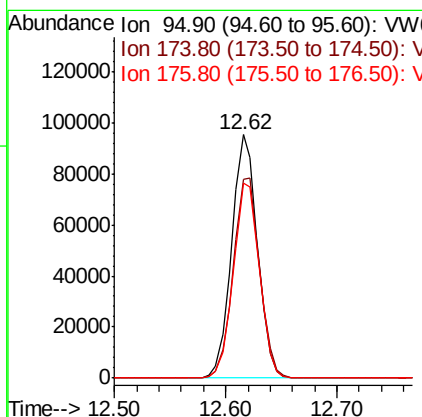
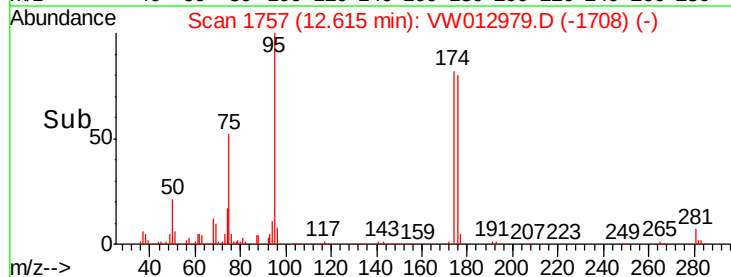
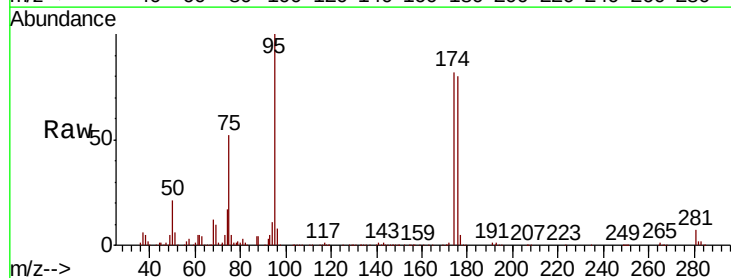
Instrument :
MSVOA_W
ClientSampleId :
TP3

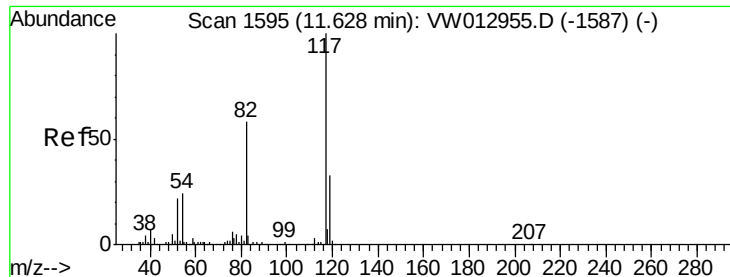
Tgt Ion: 98 Resp: 502121
Ion Ratio Lower Upper
98 100
100 65.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 46.494 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW012979.D
Acq: 14 Sep 2019 02:59

Tgt Ion: 95 Resp: 152034
Ion Ratio Lower Upper
95 100
174 84.6 0.0 170.4
176 81.3 0.0 164.6

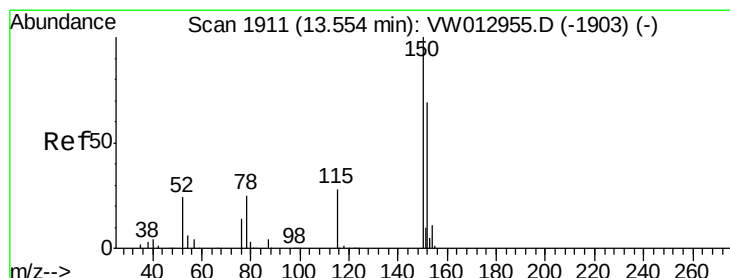
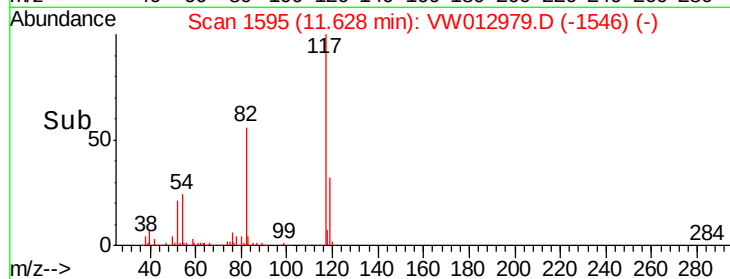
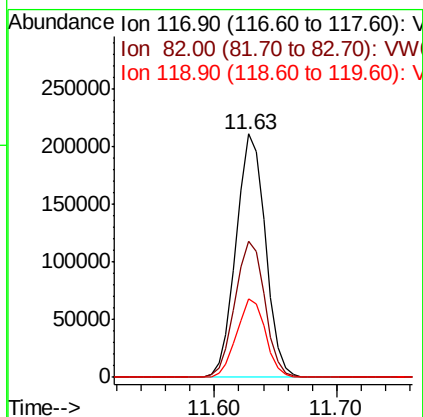
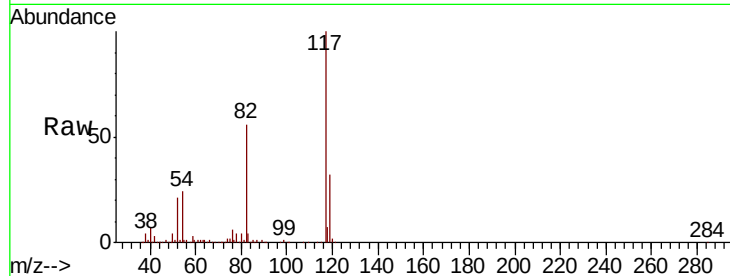




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW012979.D
Acq: 14 Sep 2019 02:59

Instrument :
MSVOA_W
ClientSampled :
TP3

Tgt Ion:117 Resp: 351216
Ion Ratio Lower Upper
117 100
82 56.0 46.3 69.5
119 32.1 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. 0.00 min
Lab File: VW012979.D
Acq: 14 Sep 2019 02:59

Tgt Ion:152 Resp: 140297
Ion Ratio Lower Upper
152 100
115 56.8 28.8 86.4
150 156.7 0.0 340.2

