

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091419\
 Data File : VW012978.D
 Acq On : 14 Sep 2019 02:34
 Operator : SY/VA
 Sample : K4786-03
 Misc : 7.92G/5ML/MSVOA_W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP2

Quant Time: Sep 14 05:42:47 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	269382	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	411023	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	338328	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	137570	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	143113	57.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.04%	
35) Dibromofluoromethane	7.88	113	120003	53.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.62%	
50) Toluene-d8	10.32	98	480769	55.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.18%	
62) 4-Bromofluorobenzene	12.62	95	150099	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	

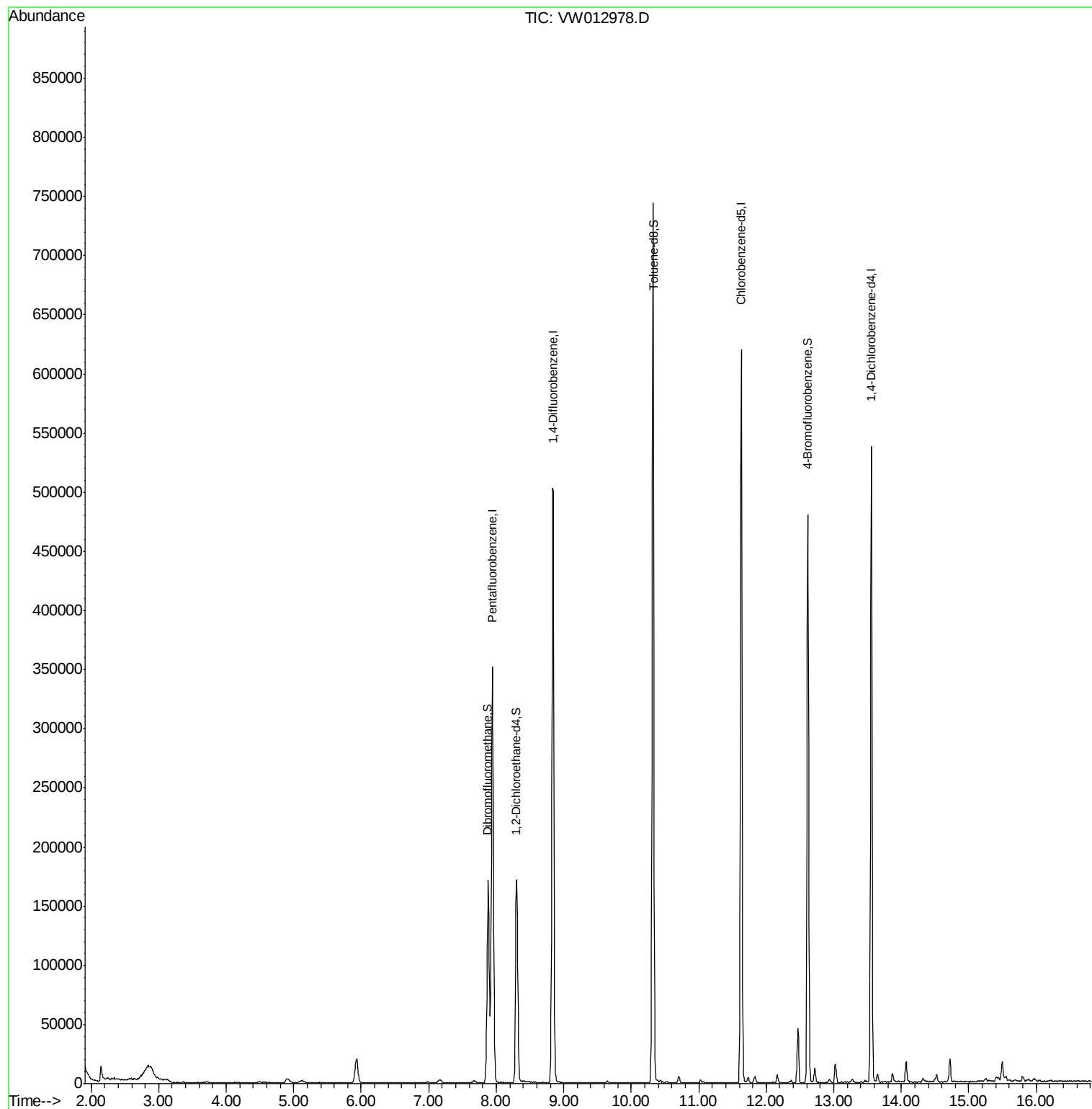
Target Compounds	Qvalue
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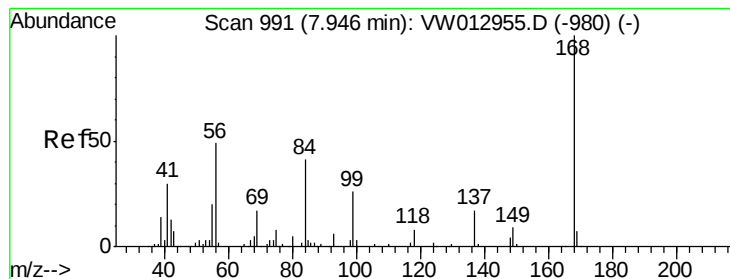
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012978.D

Acq: 14 Sep 2019 02:34

Instrument :

MSVOA_W

ClientSampled :

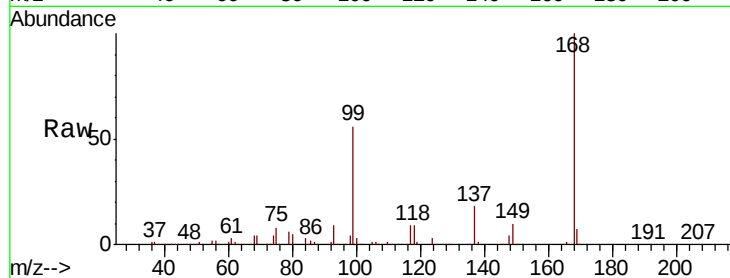
TP2

Tgt Ion:168 Resp: 269382

Ion Ratio Lower Upper

168 100

99 56.4 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

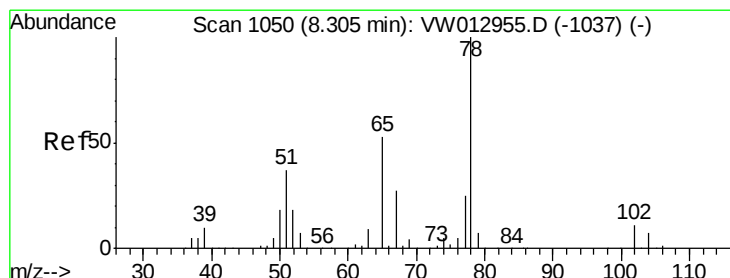
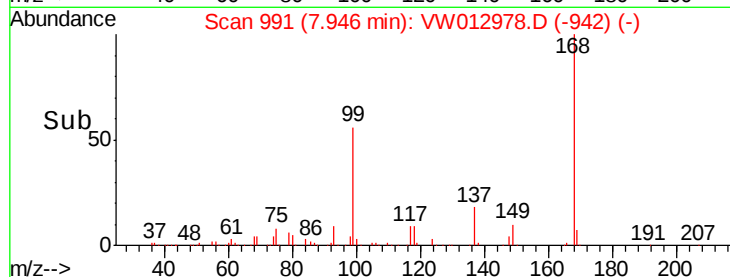
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 57.523 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW012978.D

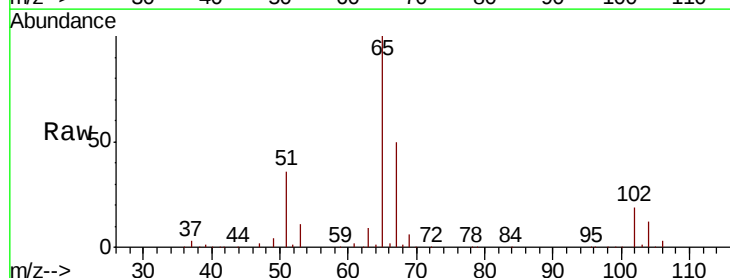
Acq: 14 Sep 2019 02:34

Tgt Ion: 65 Resp: 143113

Ion Ratio Lower Upper

65 100

67 50.3 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

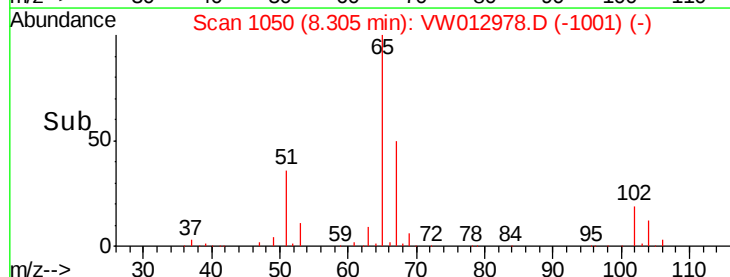
60000

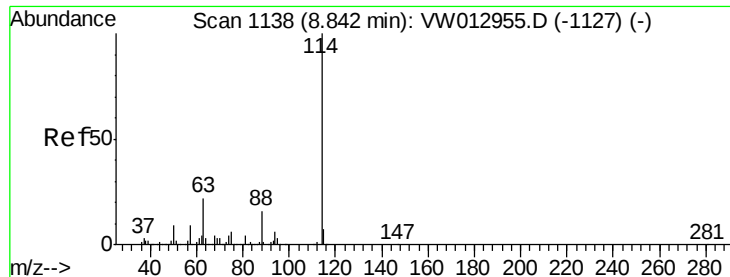
40000

20000

0

Time--> 8.20 8.30 8.40

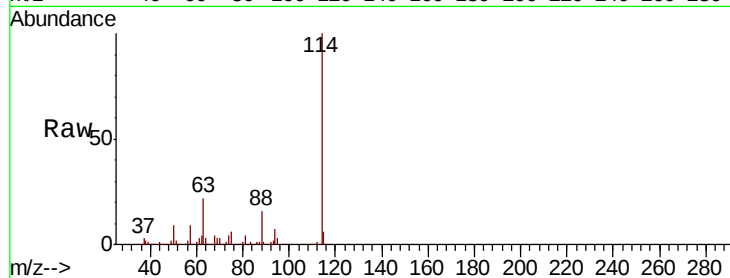




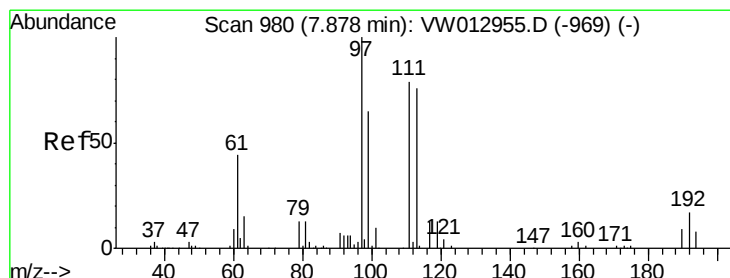
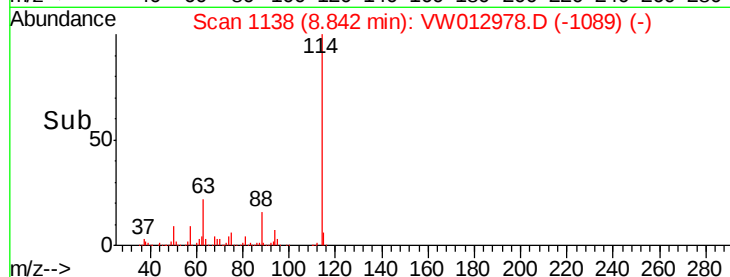
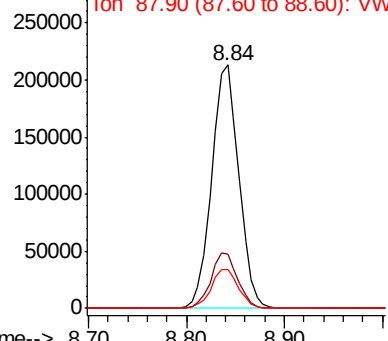
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW012978.D
Acq: 14 Sep 2019 02:34

Instrument :
MSVOA_W
ClientSampled :
TP2

Tgt Ion:114 Resp: 411023
Ion Ratio Lower Upper
114 100
63 22.1 0.0 43.4
88 16.0 0.0 31.6

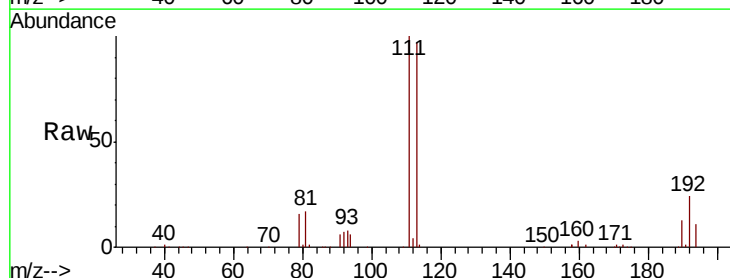


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

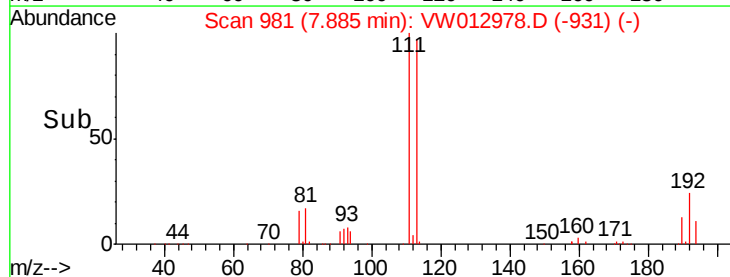
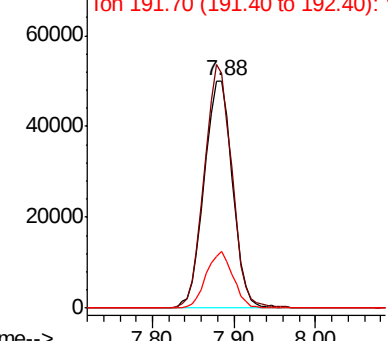


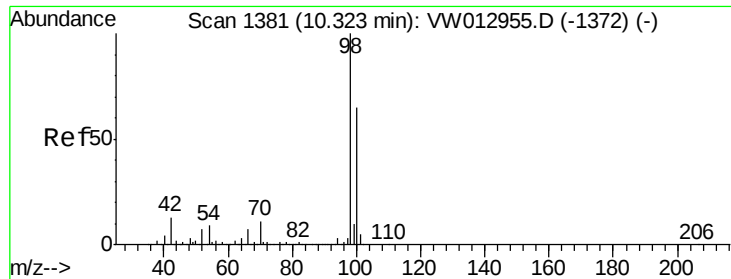
#35
Dibromofluoromethane
Concen: 53.807 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.01 min
Lab File: VW012978.D
Acq: 14 Sep 2019 02:34

Tgt Ion:113 Resp: 120003
Ion Ratio Lower Upper
113 100
111 103.8 82.8 124.2
192 23.5 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: 55.088 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012978.D

Acq: 14 Sep 2019 02:34

Instrument :

MSVOA_W

ClientSampleId :

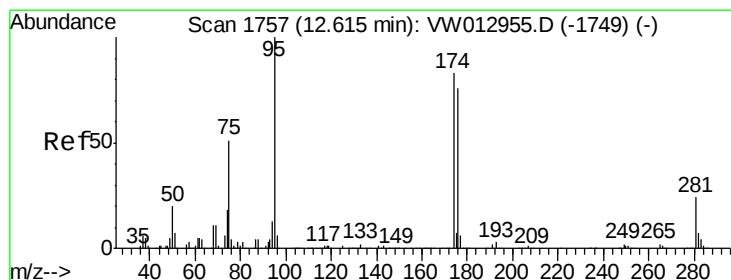
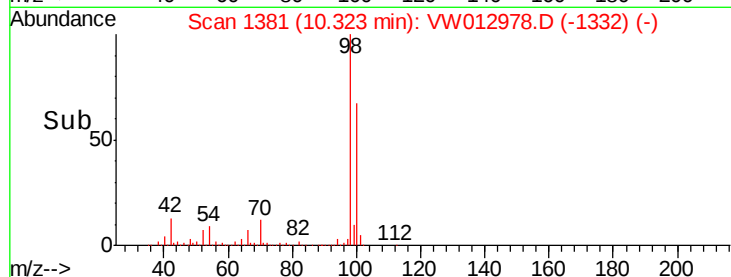
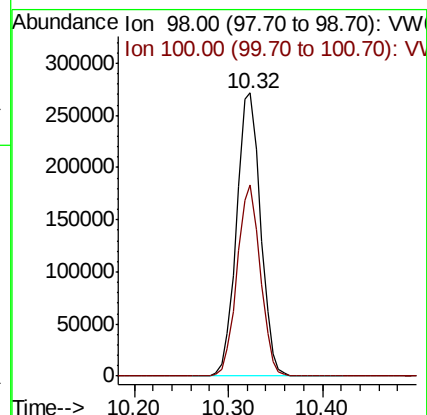
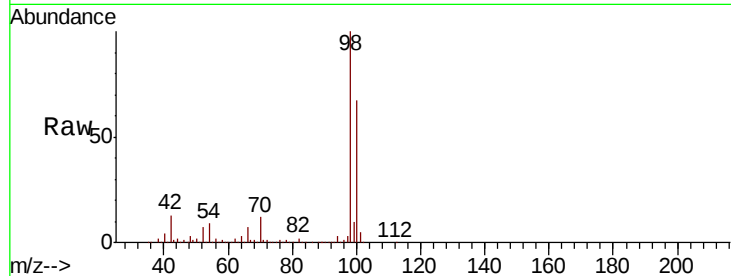
TP2

Tgt Ion: 98 Resp: 480769

Ion Ratio Lower Upper

98 100

100 65.5 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 47.831 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012978.D

Acq: 14 Sep 2019 02:34

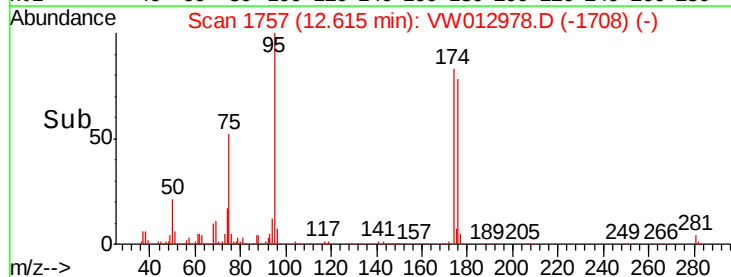
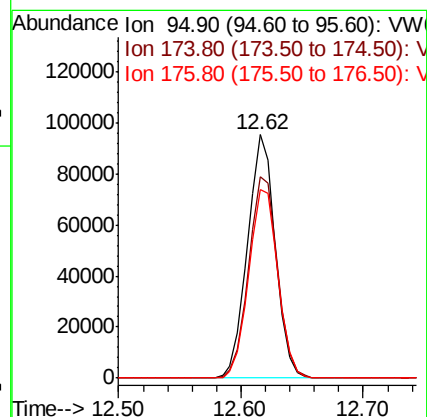
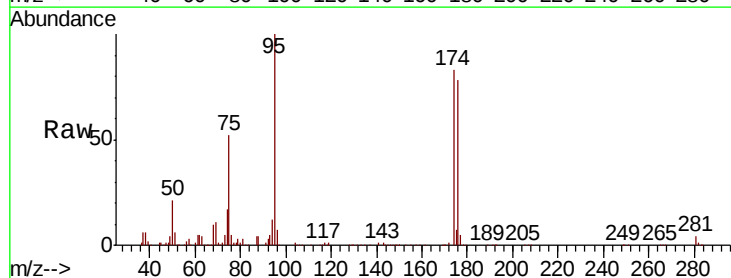
Tgt Ion: 95 Resp: 150099

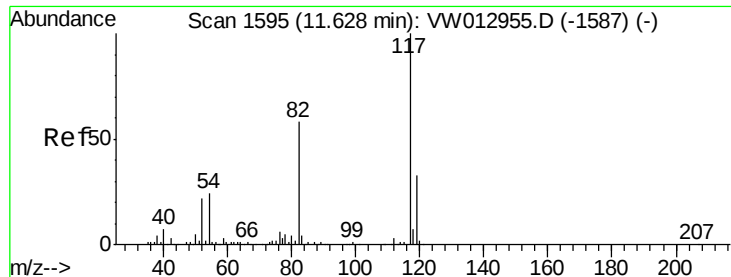
Ion Ratio Lower Upper

95 100

174 86.6 0.0 170.4

176 81.9 0.0 164.6

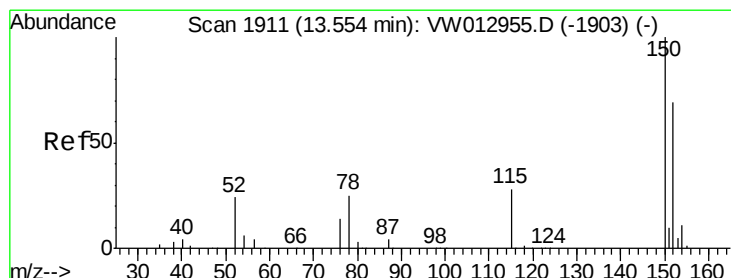
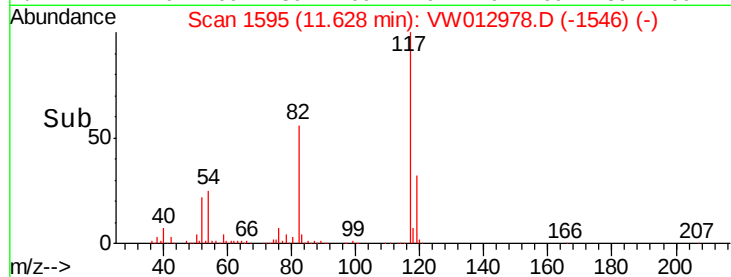
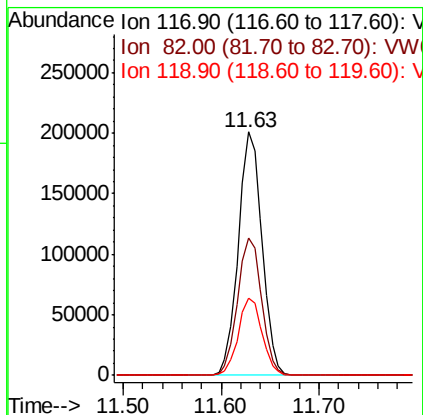
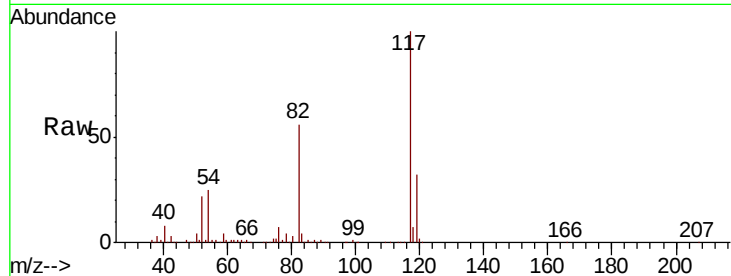




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW012978.D
Acq: 14 Sep 2019 02:34

Instrument :
MSVOA_W
ClientSampleId :
TP2

Tgt Ion:117 Resp: 338328
Ion Ratio Lower Upper
117 100
82 56.4 46.3 69.5
119 31.9 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.01 min
Lab File: VW012978.D
Acq: 14 Sep 2019 02:34

Tgt Ion:152 Resp: 137570
Ion Ratio Lower Upper
152 100
115 59.0 28.8 86.4
150 157.7 0.0 340.2

