

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091419\
 Data File : VW012980.D
 Acq On : 14 Sep 2019 03:25
 Operator : SY/VA
 Sample : K4786-07
 Misc : 6.41G/5ML/MSVOA_W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP4

Quant Time: Sep 14 05:45:49 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	309156	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	473699	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	391465	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	151042	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	166628	58.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.72%	
35) Dibromofluoromethane	7.88	113	137493	53.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.98%	
50) Toluene-d8	10.32	98	561279	55.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.60%	
62) 4-Bromofluorobenzene	12.62	95	167471	46.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.62%	

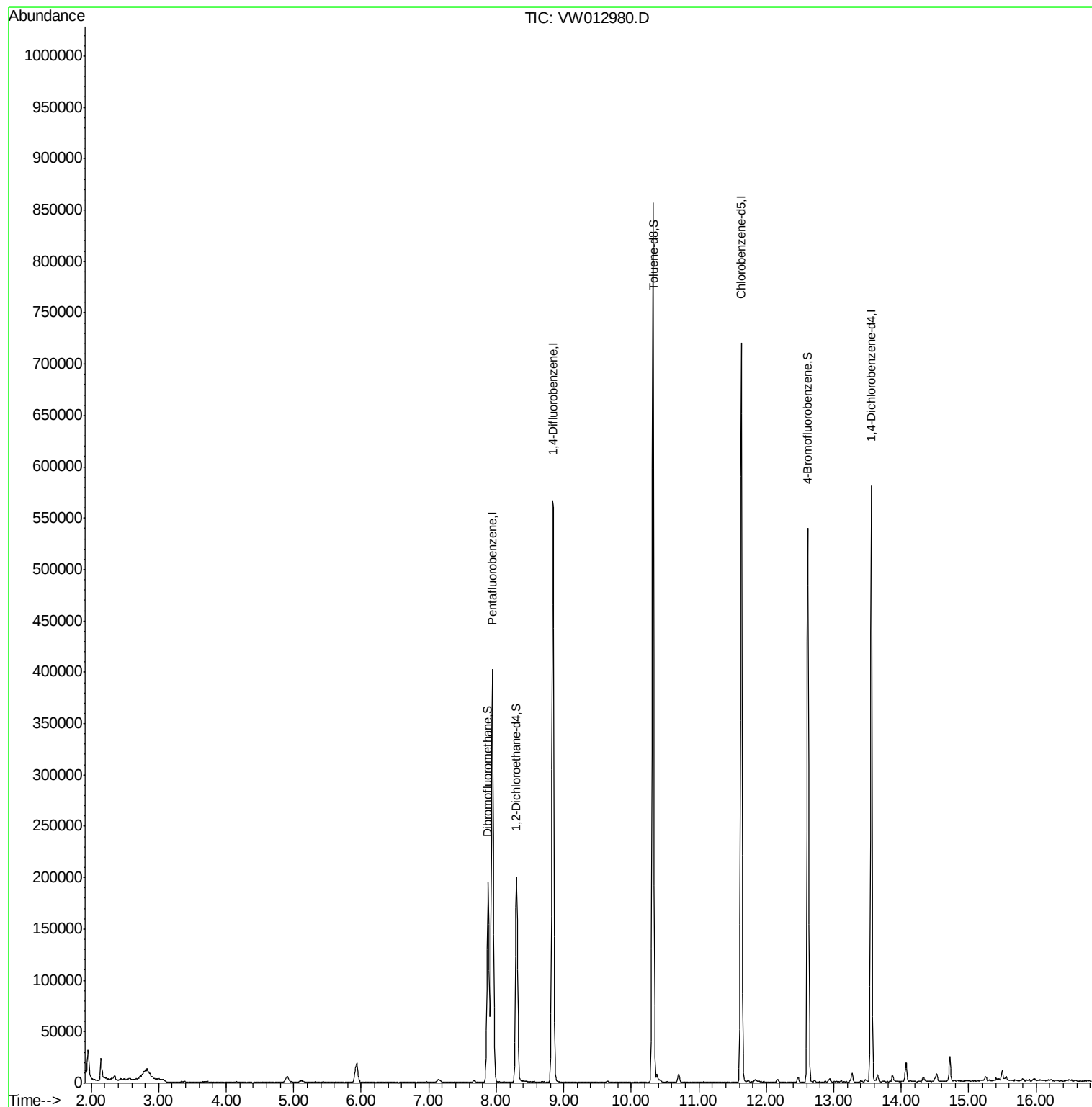
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012980.D

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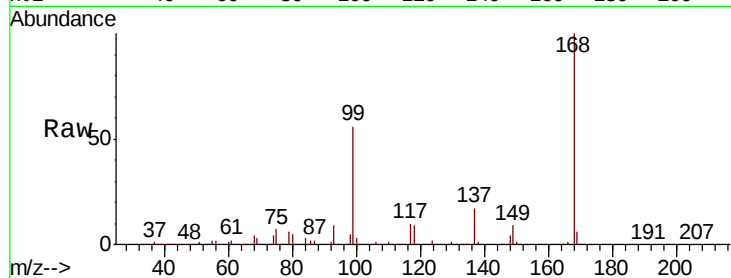
TP4

Tgt Ion:168 Resp: 309156

Ion Ratio Lower Upper

168 100

99 55.5 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

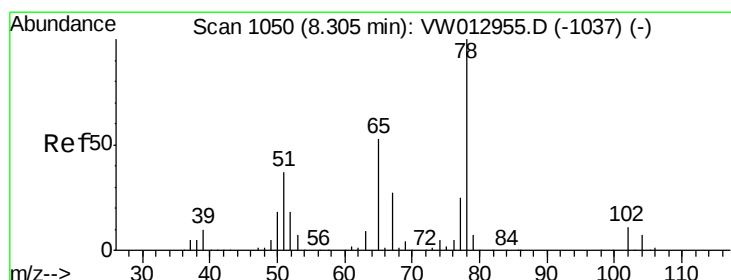
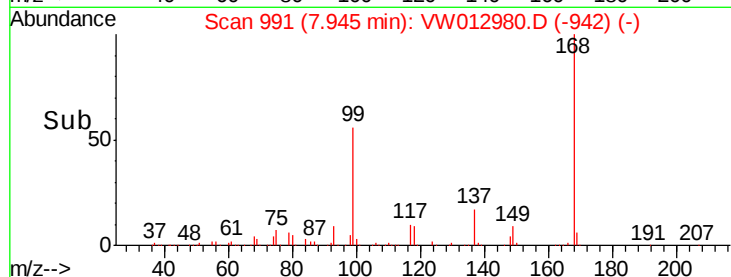
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 58.358 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW012980.D

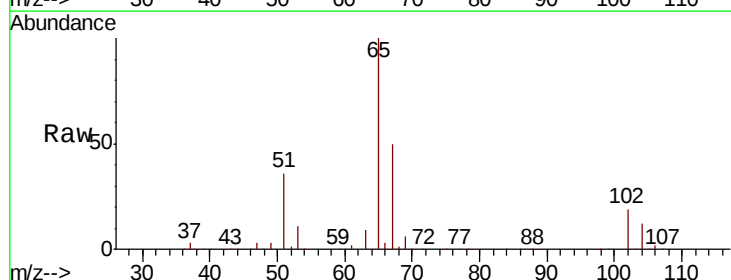
Acq: 14 Sep 2019 03:25

Tgt Ion: 65 Resp: 166628

Ion Ratio Lower Upper

65 100

67 50.7 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

80000

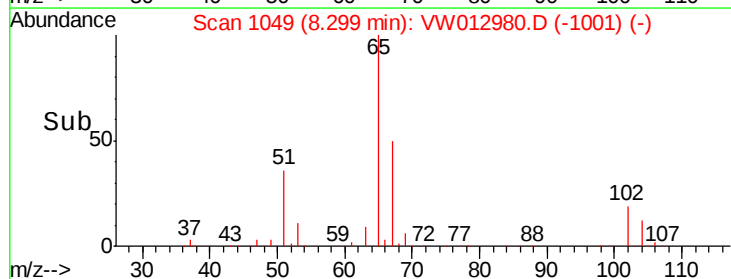
60000

40000

20000

0

Time-->

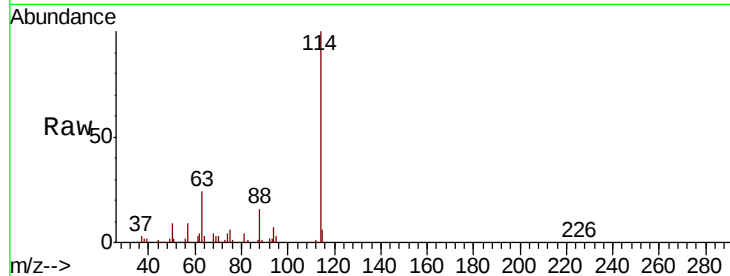




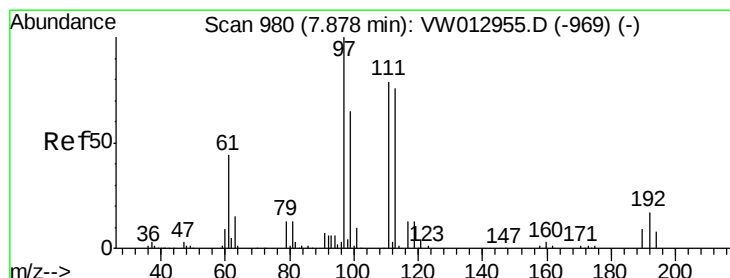
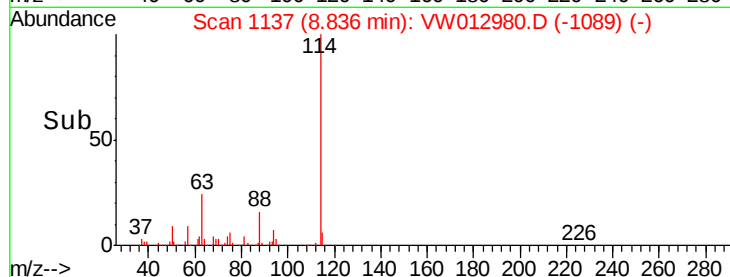
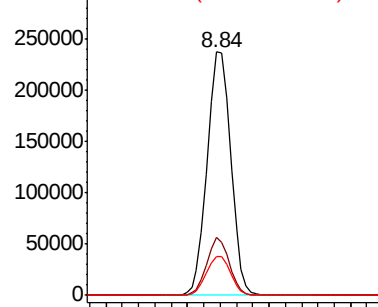
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW012980.D
 Acq: 14 Sep 2019 03:25

Instrument :
 MSVOA_W
 ClientSampleId :
 TP4

Tgt Ion:114 Resp: 473699
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 43.4
 88 16.0 0.0 31.6

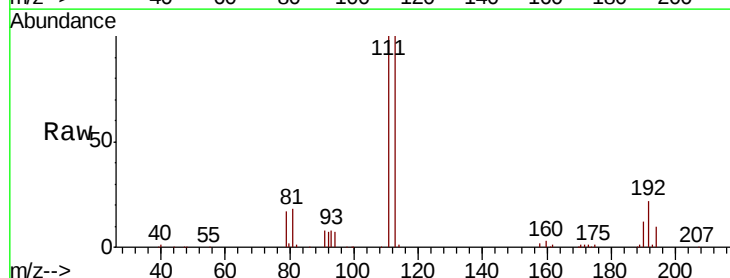


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

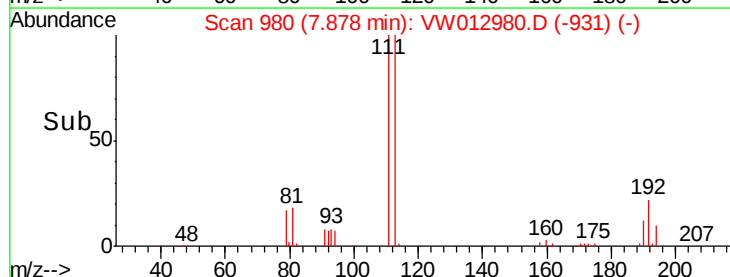
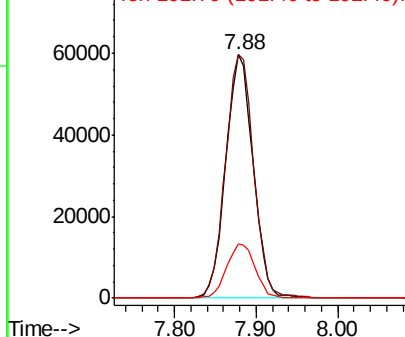


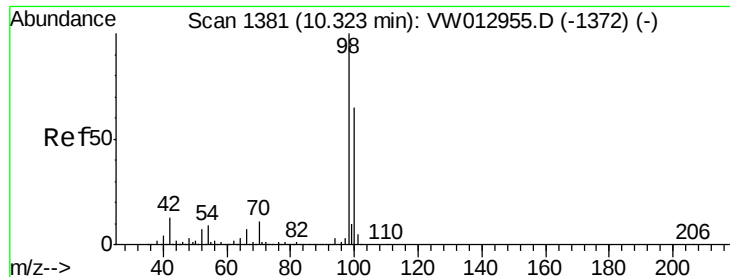
#35
 Dibromofluoromethane
 Concen: 53.492 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW012980.D
 Acq: 14 Sep 2019 03:25

Tgt Ion:113 Resp: 137493
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.8 124.2
 192 23.2 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: 55.804 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012980.D

Acq: 14 Sep 2019 03:25

Instrument :

MSVOA_W

ClientSampleId :

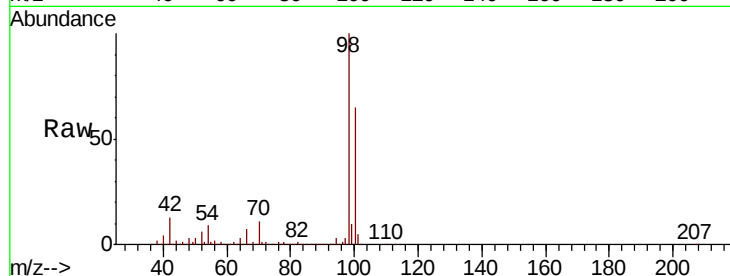
TP4

Tgt Ion: 98 Resp: 561279

Ion Ratio Lower Upper

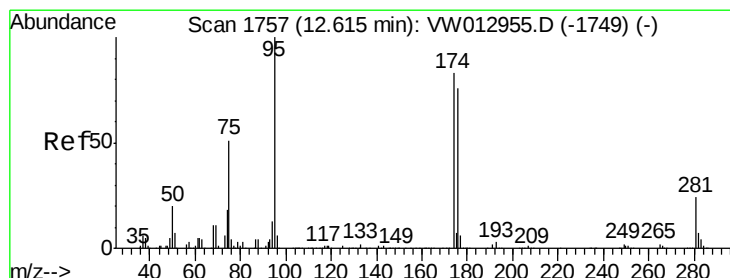
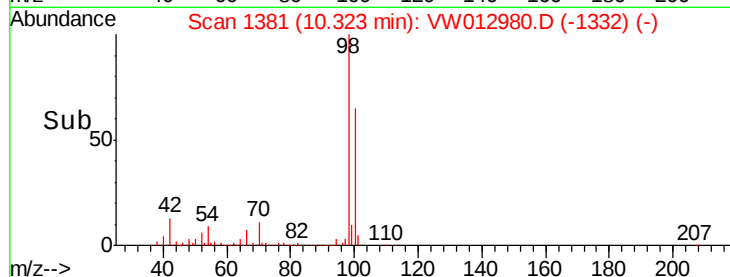
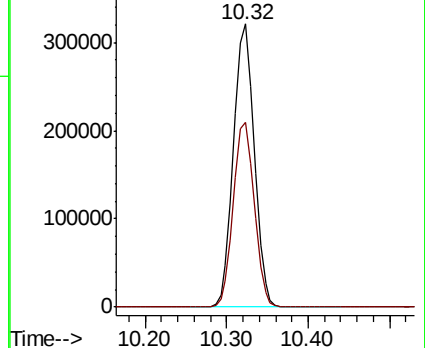
98 100

100 65.8 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 46.305 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012980.D

Acq: 14 Sep 2019 03:25

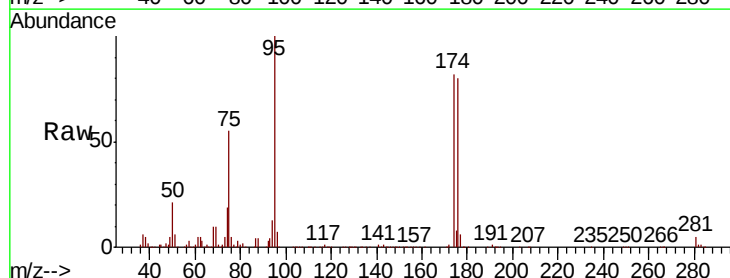
Tgt Ion: 95 Resp: 167471

Ion Ratio Lower Upper

95 100

174 84.7 0.0 170.4

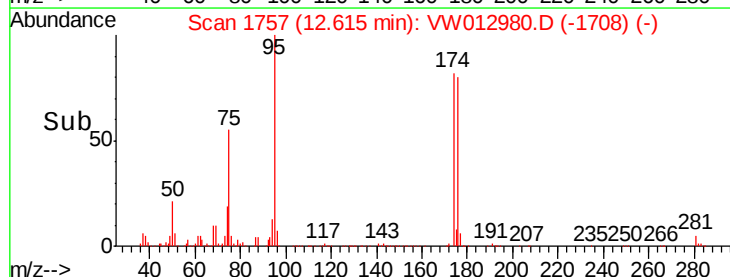
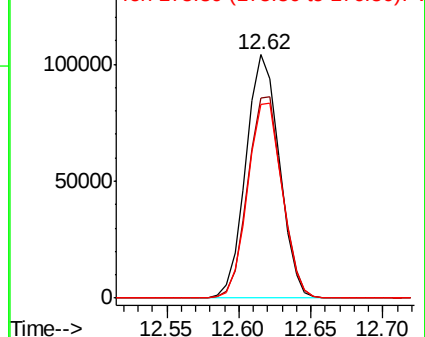
176 82.5 0.0 164.6

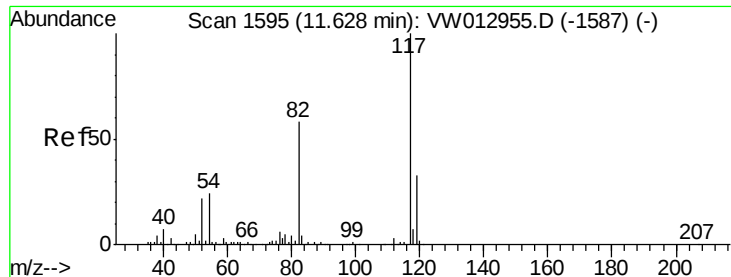


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

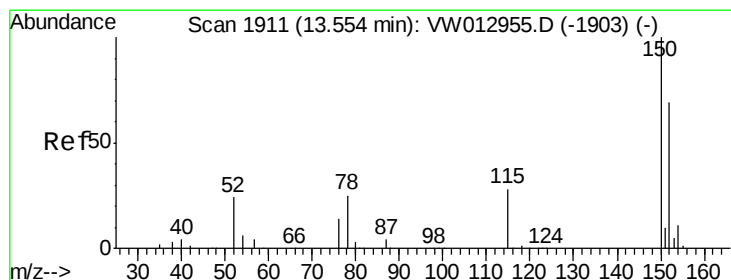
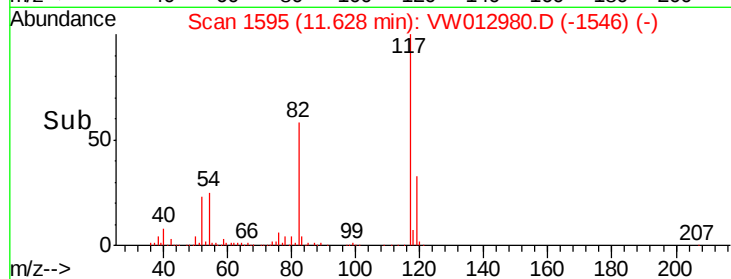
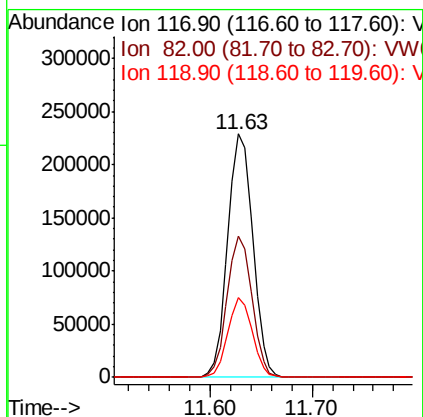
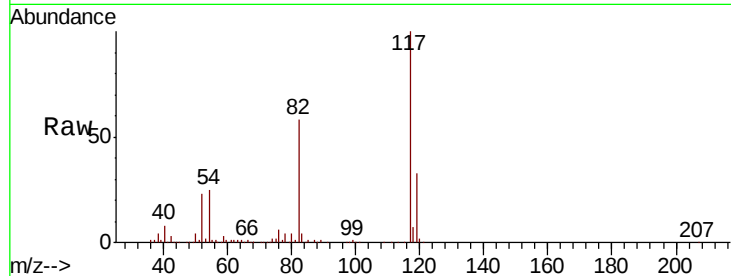




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW012980.D
Acq: 14 Sep 2019 03:25

Instrument :
MSVOA_W
ClientSampleId :
TP4

Tgt Ion:117 Resp: 391465
Ion Ratio Lower Upper
117 100
82 58.2 46.3 69.5
119 32.7 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: VW012980.D
Acq: 14 Sep 2019 03:25

Tgt Ion:152 Resp: 151042
Ion Ratio Lower Upper
152 100
115 57.7 28.8 86.4
150 158.5 0.0 340.2

