

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072719\
 Data File : VW011535.D
 Acq On : 27 Jul 2019 00:27
 Operator : SY/VA
 Sample : K3990-03
 Misc : 5.01G/5.0ML/MSVOA W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2-A

Quant Time: Jul 27 06:51:59 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	223989	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	372721	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	298940	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	107016	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	142774	55.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.02%	
35) Dibromofluoromethane	7.88	113	113259	54.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.32%	
50) Toluene-d8	10.32	98	447231	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	
62) 4-Bromofluorobenzene	12.62	95	133251	43.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.32%	

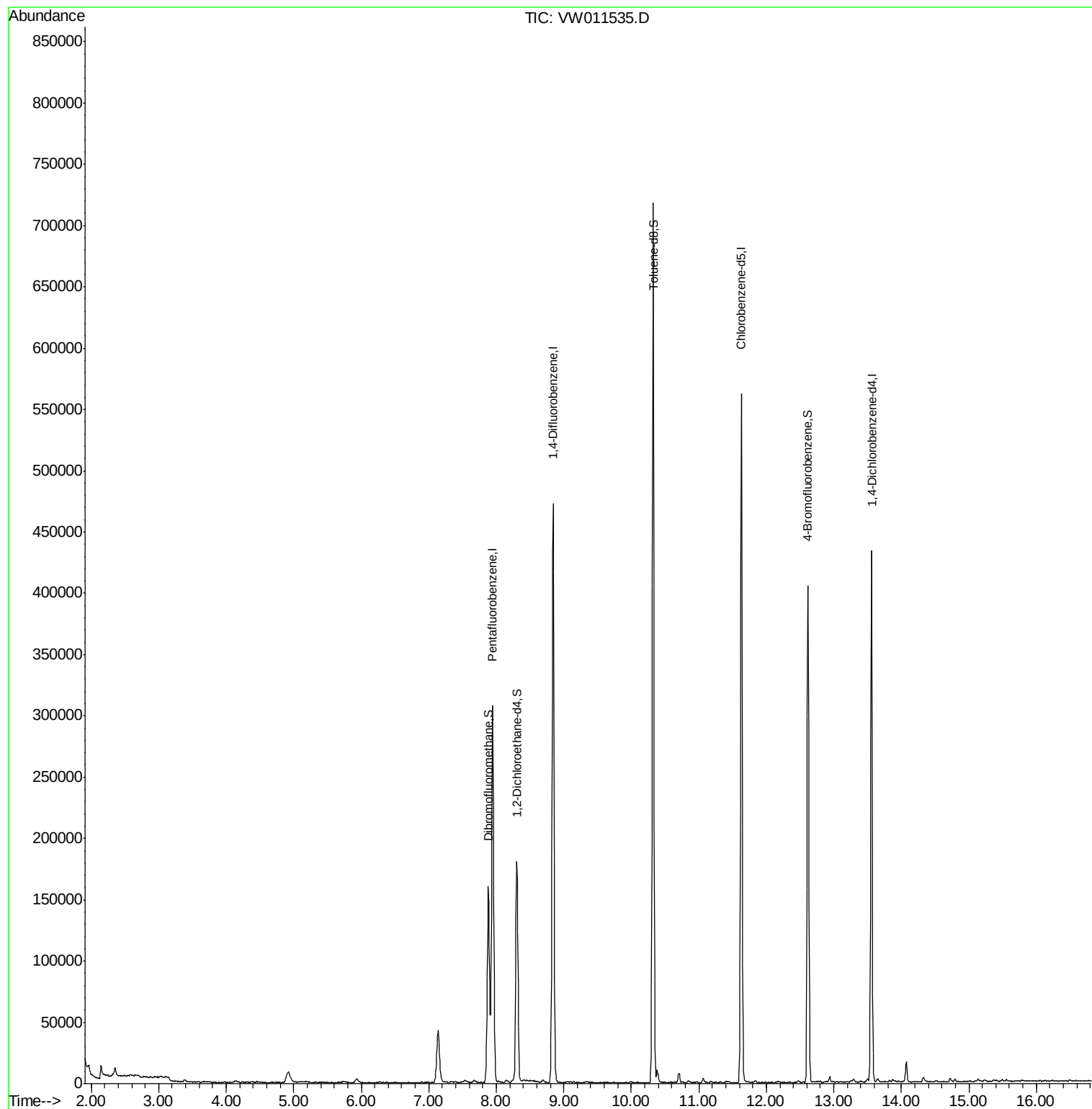
Target Compounds	Qvalue

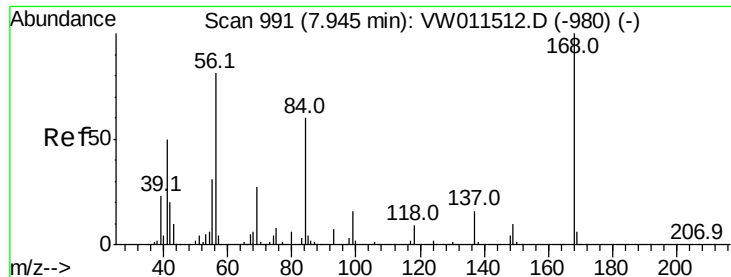
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011535.D

Acq: 27 Jul 2019 00:27

Instrument :

MSVOA_W

ClientSampled :

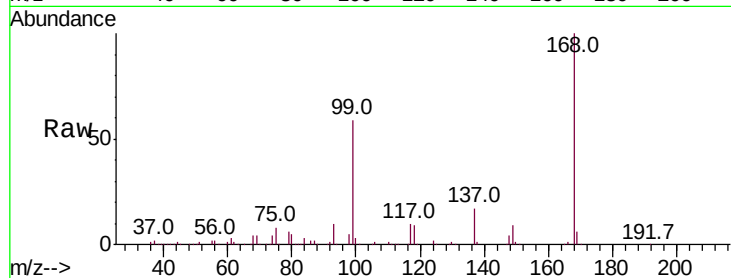
TP-2-A

Tot Ion:168 Resp: 223989

Ion Ratio Lower Upper

168 100

99 58.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

120000

100000

80000

60000

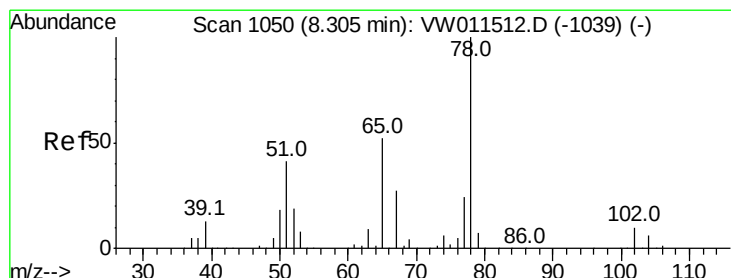
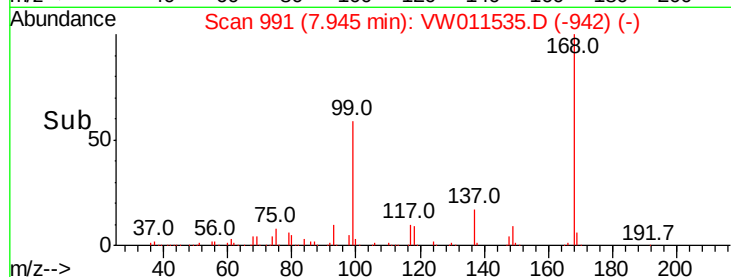
40000

20000

0

7.90 7.95 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.511 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011535.D

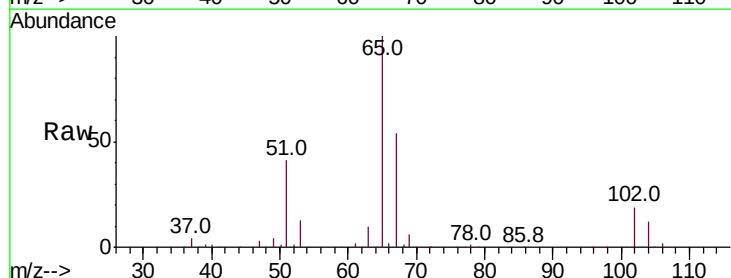
Acq: 27 Jul 2019 00:27

Tgt Ion: 65 Resp: 142774

Ion Ratio Lower Upper

65 100

67 51.6 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

60000

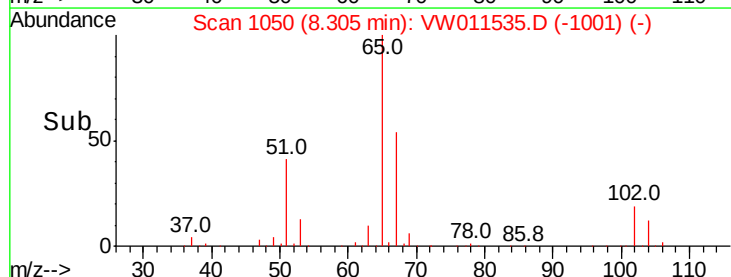
40000

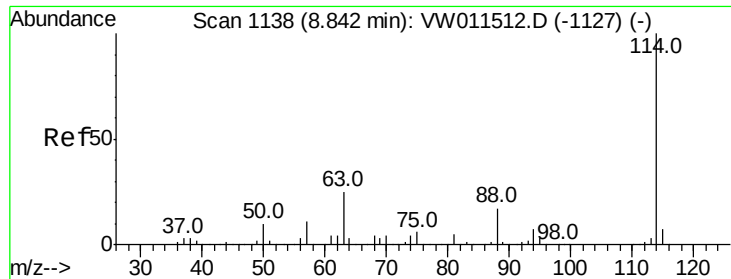
20000

0

8.20 8.30 8.40

Time-->

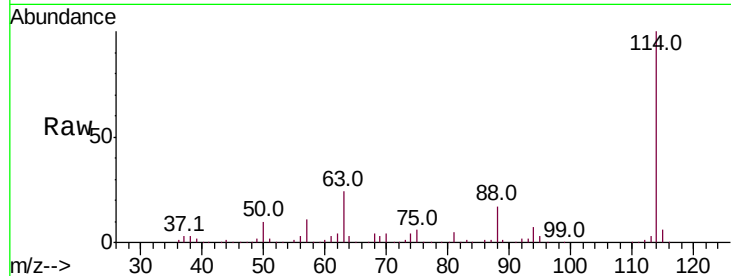




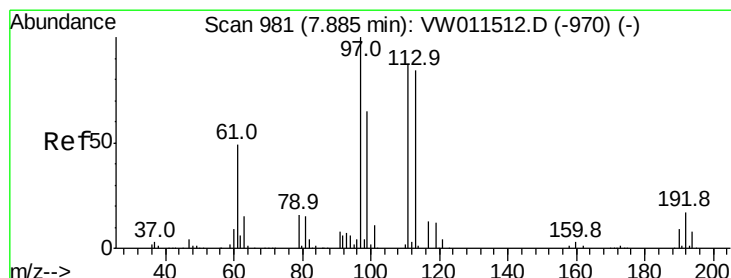
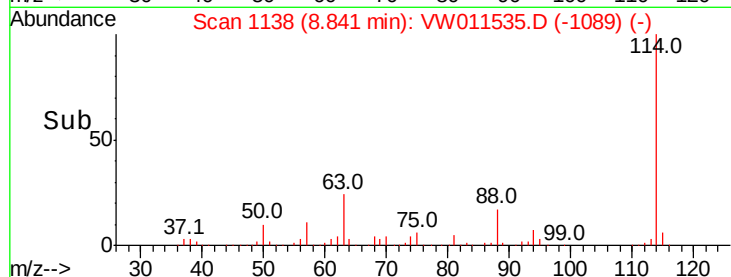
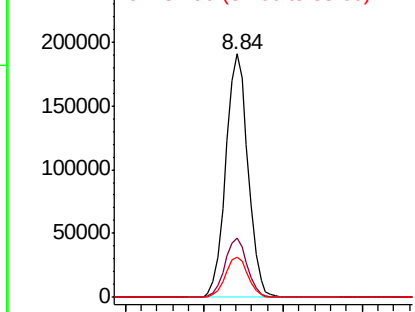
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW011535.D
Acq: 27 Jul 2019 00:27

Instrument :
MSVOA_W
ClientSampled :
TP-2-A

Tot Ion:114 Resp: 372721
Ion Ratio Lower Upper
114 100
63 24.1 0.0 49.2
88 16.6 0.0 33.8

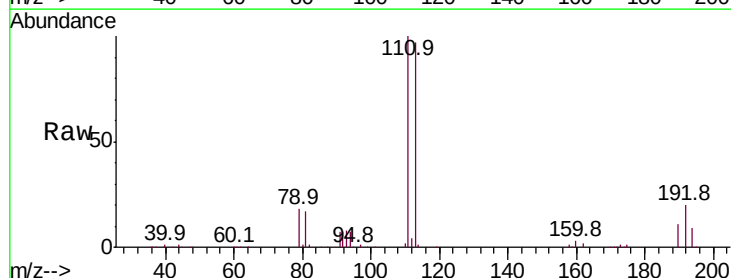


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

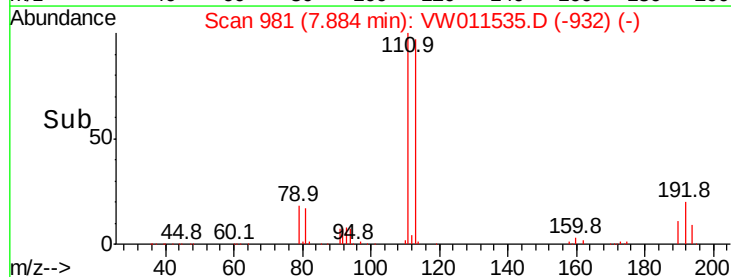
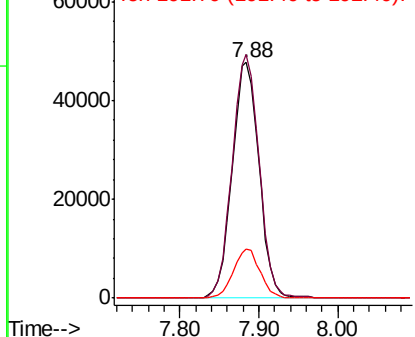


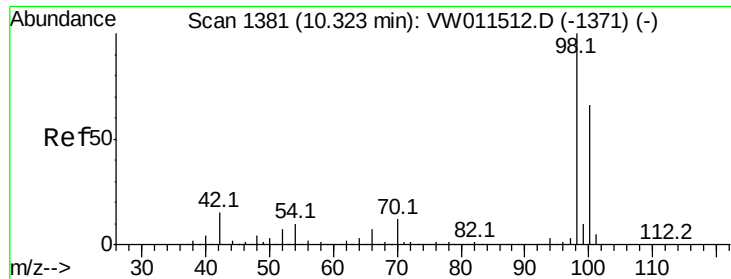
#35
Dibromofluoromethane
Concen: 54.164 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW011535.D
Acq: 27 Jul 2019 00:27

Tgt Ion:113 Resp: 113259
Ion Ratio Lower Upper
113 100
111 103.7 82.7 124.1
192 20.6 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: 52.239 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011535.D

Acq: 27 Jul 2019 00:27

Instrument :

MSVOA_W

ClientSampleId :

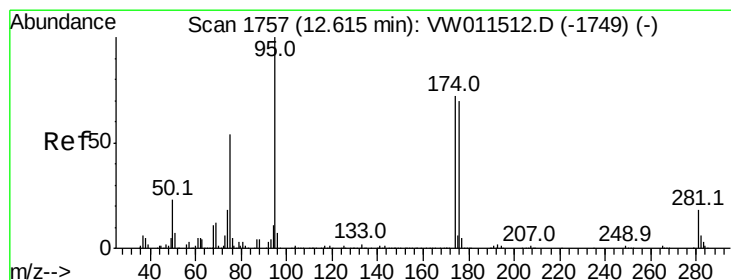
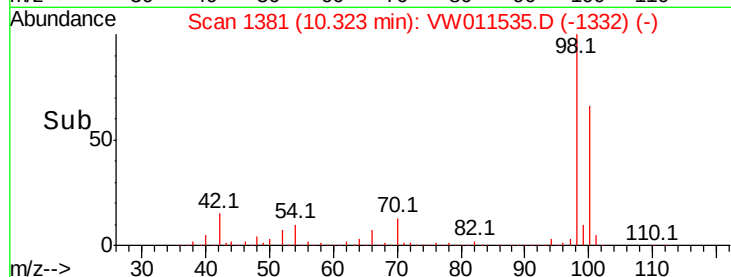
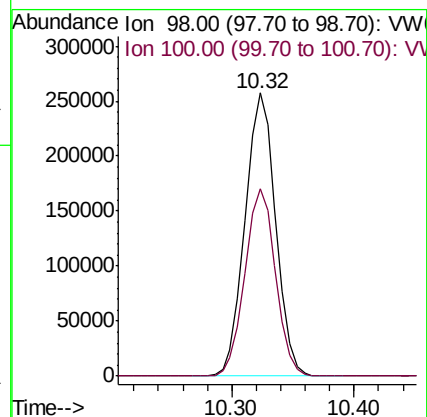
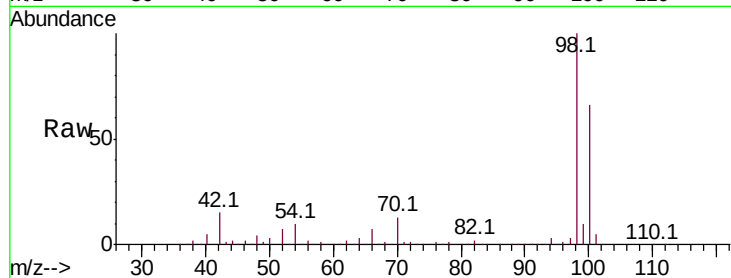
TP-2-A

Tot Ion: 98 Resp: 447231

Ion Ratio Lower Upper

98 100

100 66.1 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 43.656 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW011535.D

Acq: 27 Jul 2019 00:27

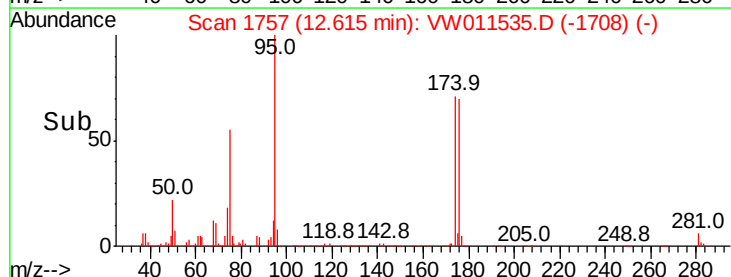
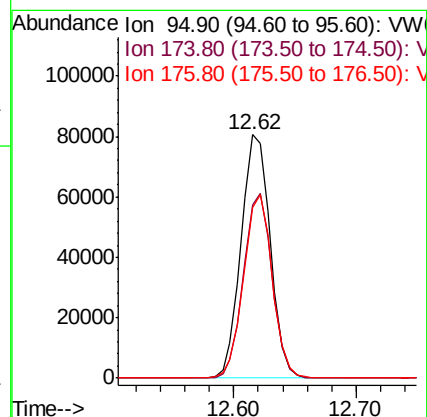
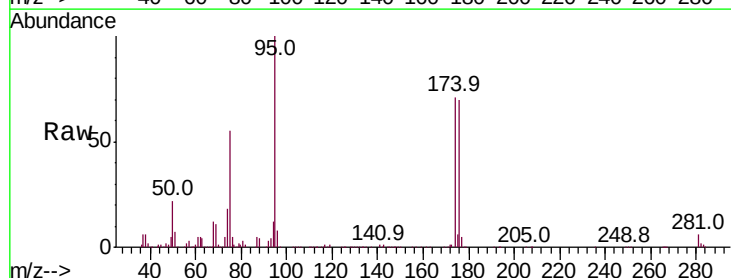
Tgt Ion: 95 Resp: 133251

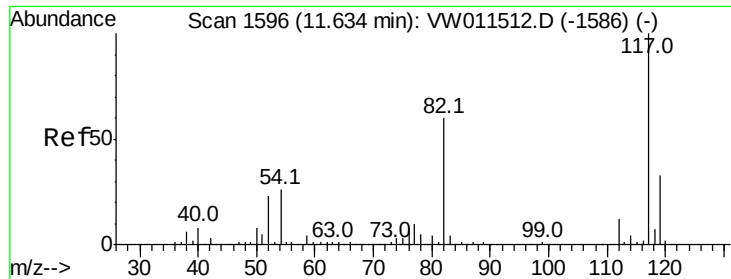
Ion Ratio Lower Upper

95 100

174 74.4 0.0 150.2

176 73.9 0.0 144.4

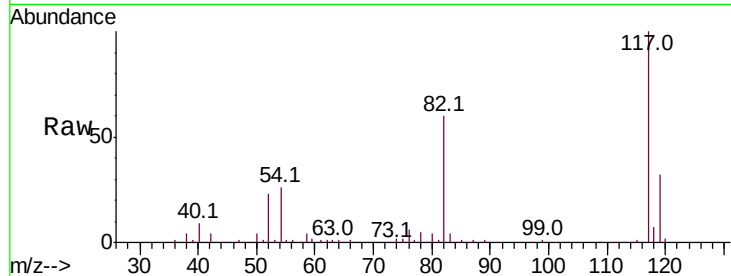




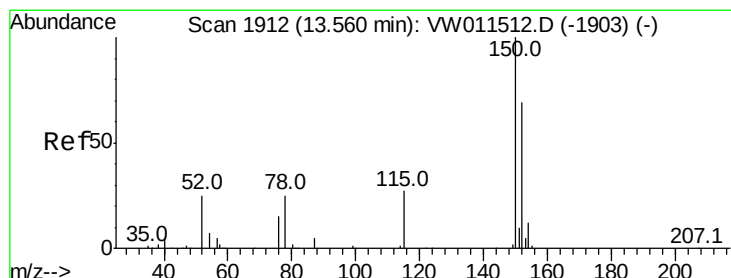
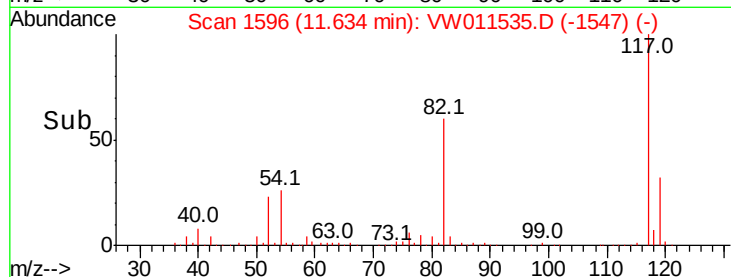
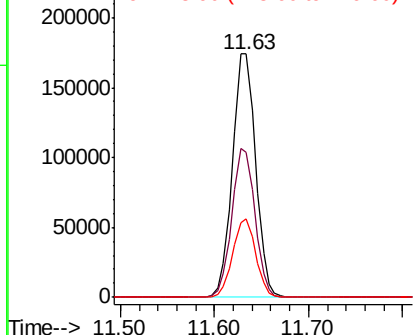
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011535.D
Acq: 27 Jul 2019 00:27

Instrument :
MSVOA_W
ClientSampleId :
TP-2-A

Tot Ion:117 Resp: 298940
Ion Ratio Lower Upper
117 100
82 59.7 47.9 71.9
119 32.1 26.2 39.2

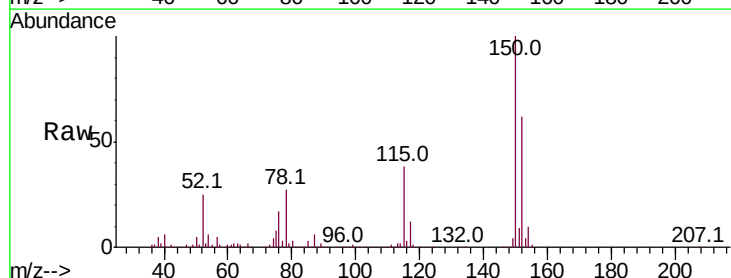


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011535.D
Acq: 27 Jul 2019 00:27

Tgt Ion:152 Resp: 107016
Ion Ratio Lower Upper
152 100
115 61.0 30.5 91.5
150 158.4 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

