

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071819\
 Data File : VW011362.D
 Acq On : 19 Jul 2019 05:13
 Operator : SY/VA
 Sample : K3835-23
 Misc : 4.32G/5ML/MSVOA W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-12(0-2)

Quant Time: Jul 19 08:37:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	200288	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	346582	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	297721	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	111284	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	144332	57.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.70%	
35) Dibromofluoromethane	7.88	113	110264	53.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.76%	
50) Toluene-d8	10.32	98	437536	52.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.80%	
62) 4-Bromofluorobenzene	12.62	95	136501	44.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.20%	

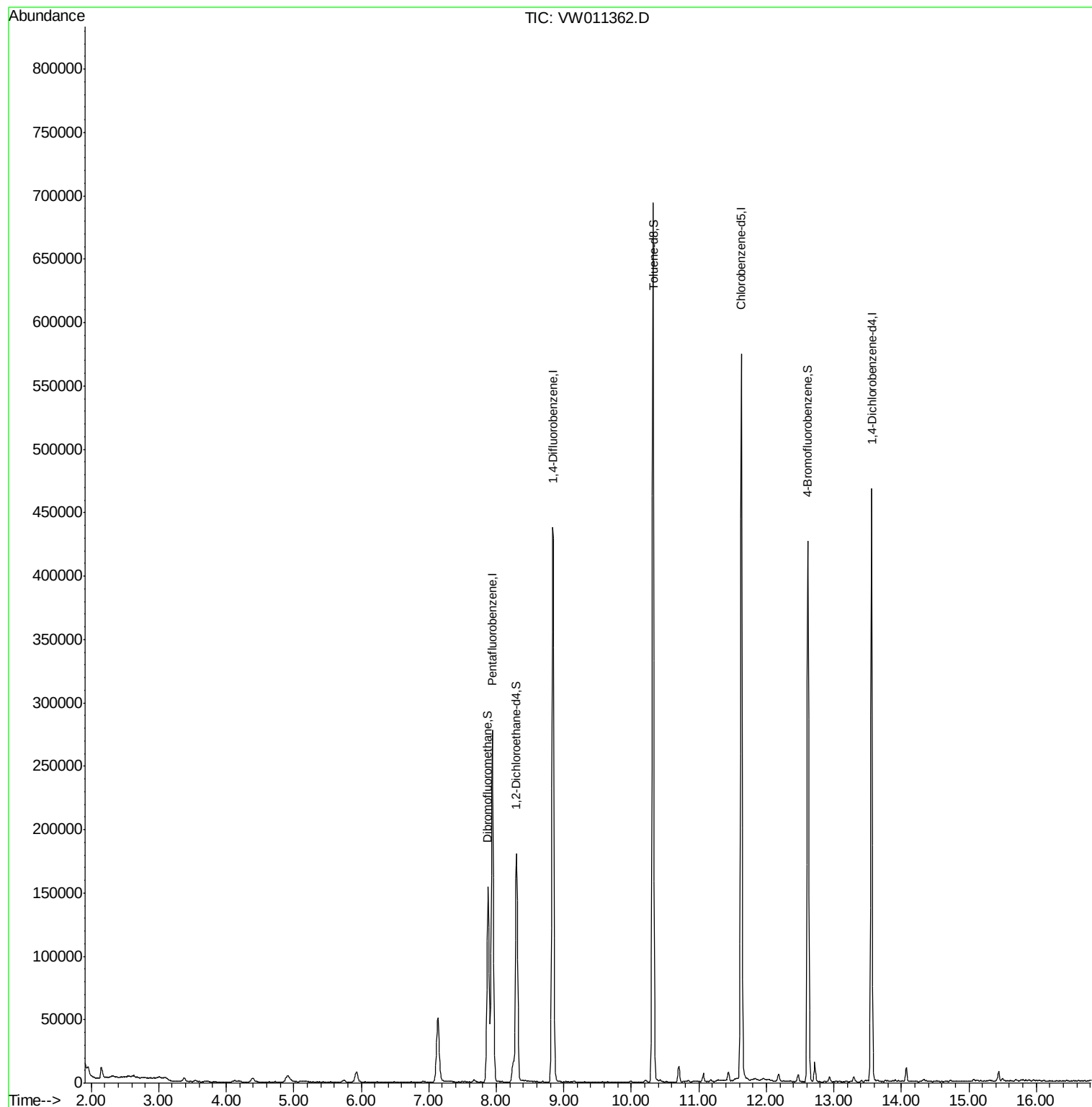
Target Compounds	Qvalue

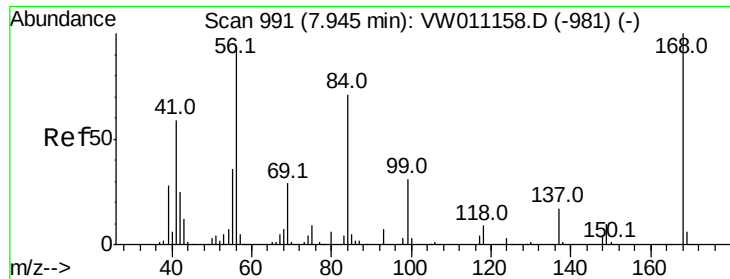
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 11 08:14:17 2019
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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: VW011362.D

Acq: 19 Jul 2019 05:13

Instrument :

MSVOA_W

ClientSampled :

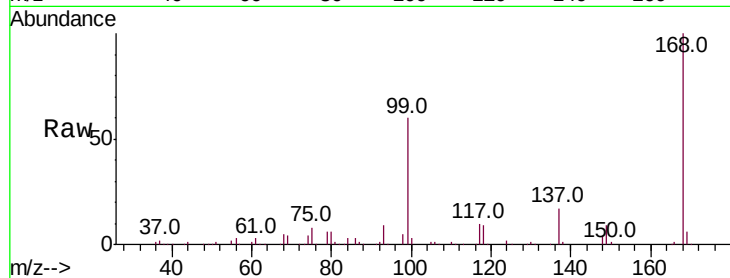
SB-12(0-2)

Tot Ion:168 Resp: 200288

Ion Ratio Lower Upper

168 100

99 60.2 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

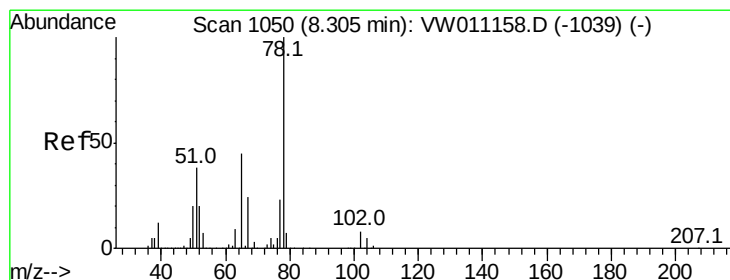
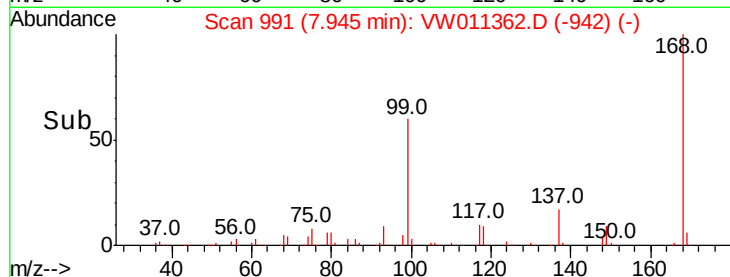
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#33

1,2-Dichloroethane-d4

Concen: 57.350 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW011362.D

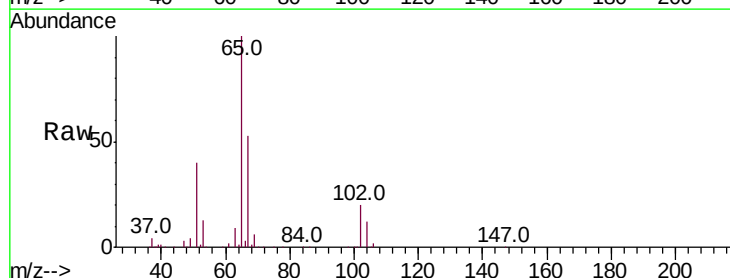
Acq: 19 Jul 2019 05:13

Tgt Ion: 65 Resp: 144332

Ion Ratio Lower Upper

65 100

67 51.9 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

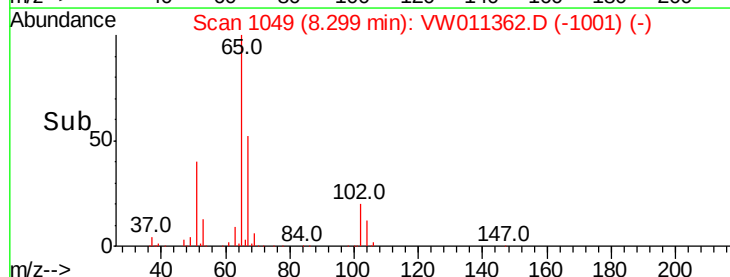
60000

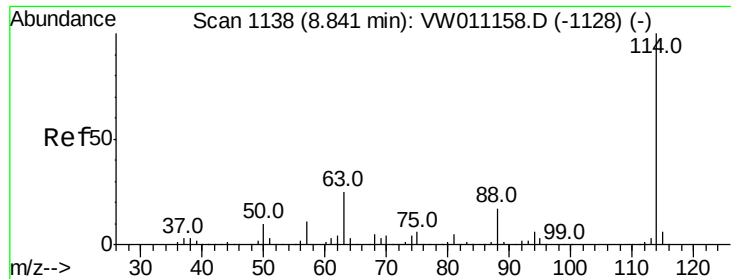
40000

20000

0

Time--> 8.20 8.30 8.40

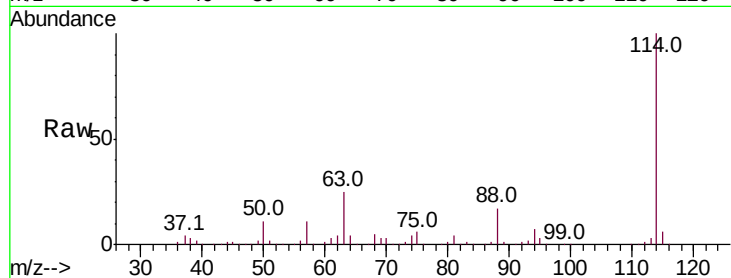




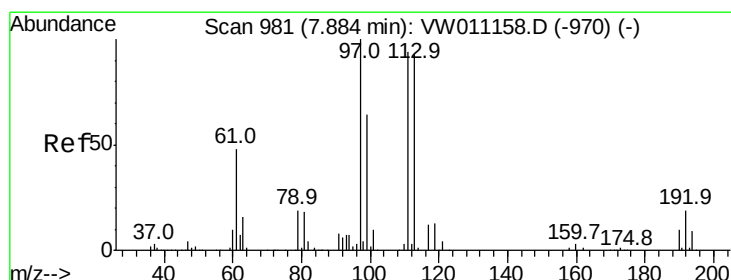
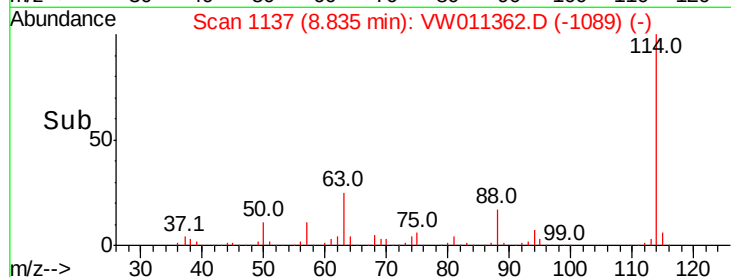
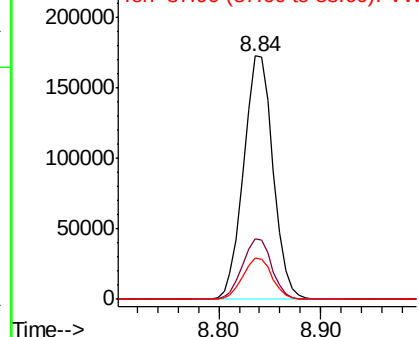
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW011362.D
 Acq: 19 Jul 2019 05:13

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-12(0-2)

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.8	0.0	50.8
88	17.2	0.0	34.2

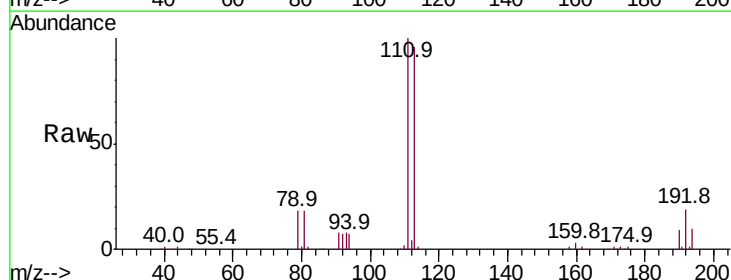


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

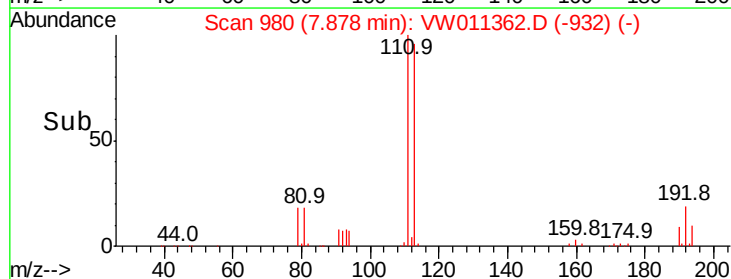
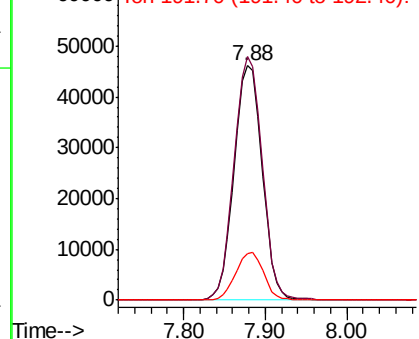


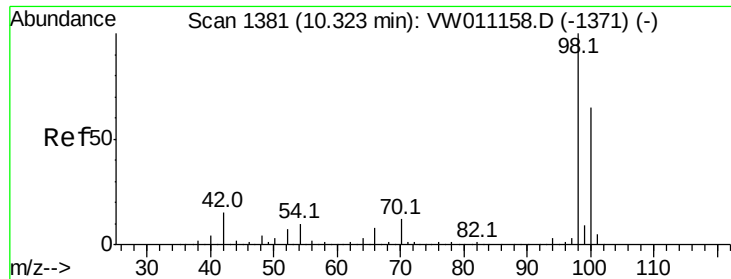
#35
 Dibromofluoromethane
 Concen: 53.376 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW011362.D
 Acq: 19 Jul 2019 05:13

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.4	123.6
192	20.0	15.8	23.8



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: 52.398 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011362.D

Acq: 19 Jul 2019 05:13

Instrument :

MSVOA_W

ClientSampleId :

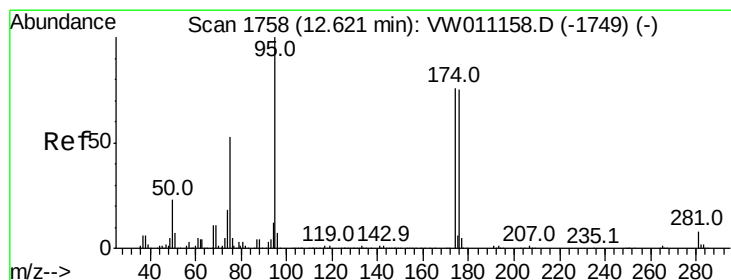
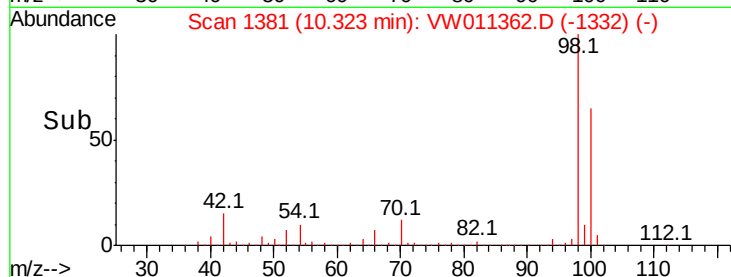
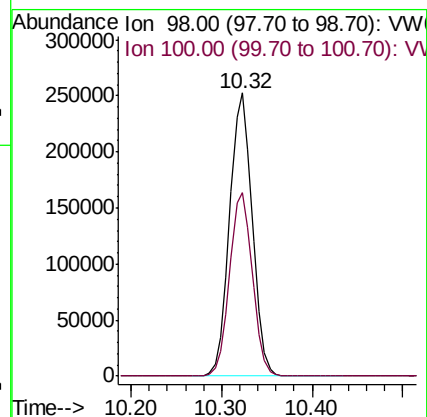
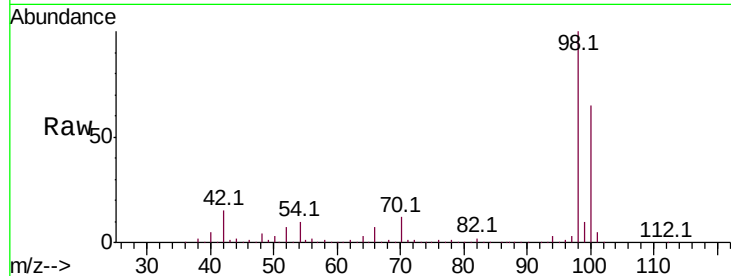
SB-12(0-2)

Tot Ion: 98 Resp: 437536

Ion Ratio Lower Upper

98 100

100 65.3 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 44.599 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW011362.D

Acq: 19 Jul 2019 05:13

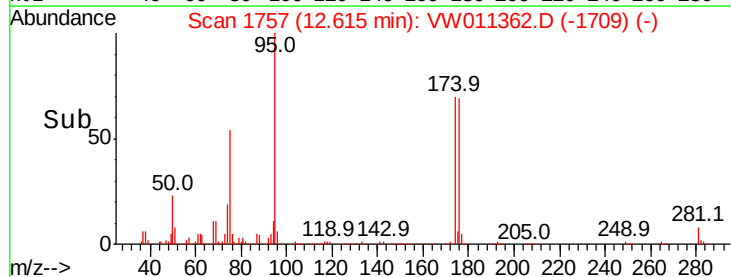
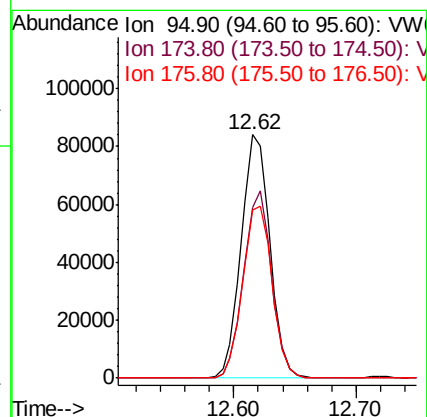
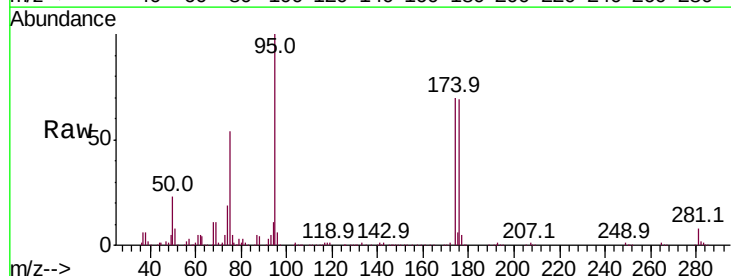
Tgt Ion: 95 Resp: 136501

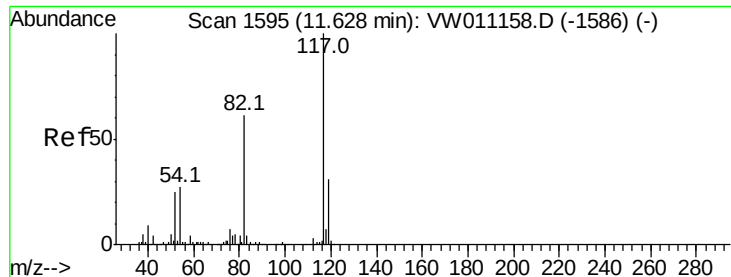
Ion Ratio Lower Upper

95 100

174 75.3 0.0 147.6

176 72.5 0.0 144.6

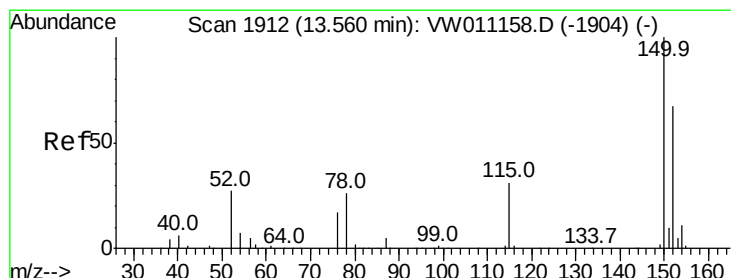
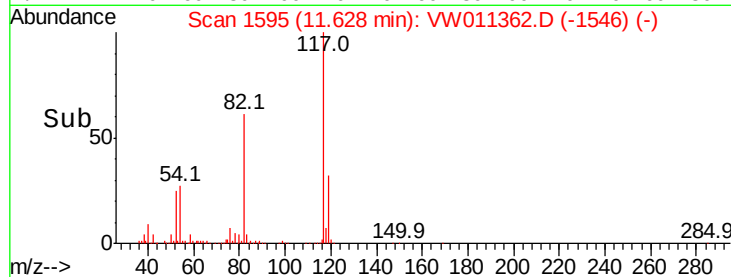
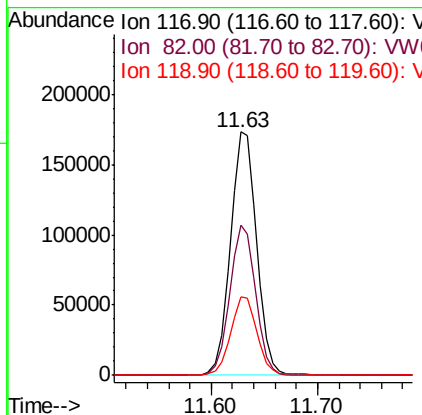
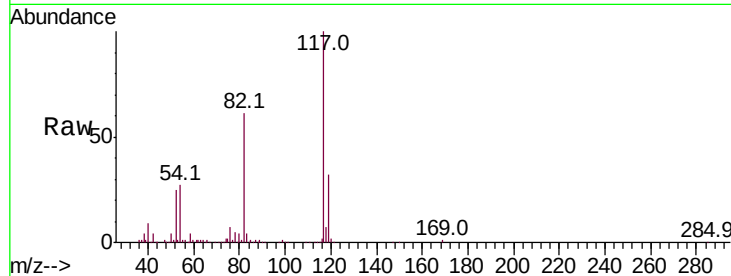




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW011362.D
Acq: 19 Jul 2019 05:13

Instrument :
MSVOA_W
ClientSampleId :
SB-12(0-2)

Tot Ion:117 Resp: 297721
Ion Ratio Lower Upper
117 100
82 61.5 48.9 73.3
119 32.0 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011362.D
Acq: 19 Jul 2019 05:13

Tgt Ion:152 Resp: 111284
Ion Ratio Lower Upper
152 100
115 61.6 30.1 90.3
150 158.5 0.0 346.0

