

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080619\
 Data File : VW011713.D
 Acq On : 05 Aug 2019 16:58
 Operator : SY/VA
 Sample : K4135-09RE
 Misc : 6.85G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 1S-A3-(30)RE

Quant Time: Aug 06 08:50:17 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	198132	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	332408	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	243846	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	67175	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	130018	57.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.30%	
35) Dibromofluoromethane	7.88	113	103745	55.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.26%	
50) Toluene-d8	10.32	98	386259	50.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.18%	
62) 4-Bromofluorobenzene	12.62	95	102678	37.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.44%	

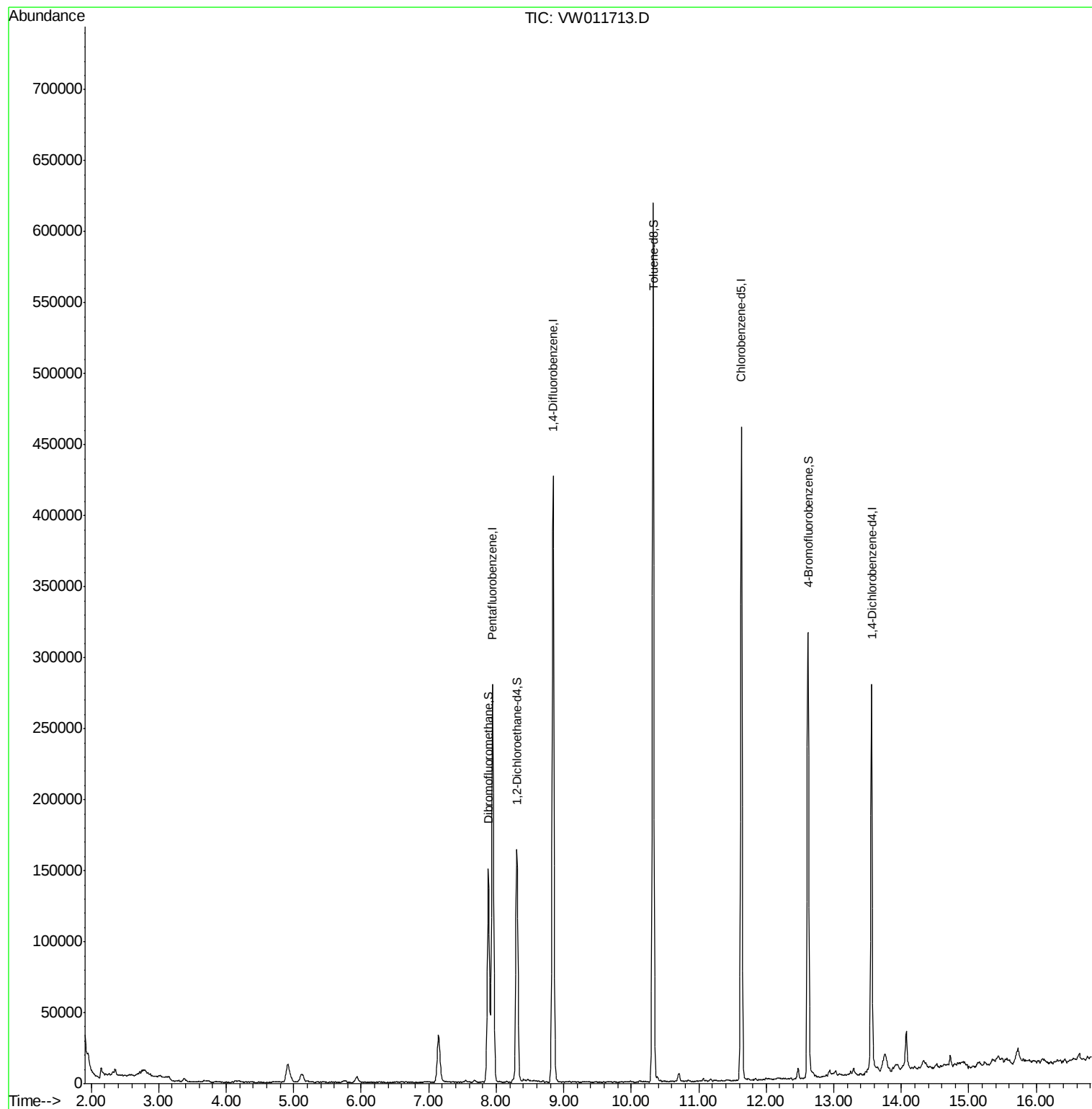
Target Compounds Qvalue

(#) = 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: VW011713.D

Acq: 05 Aug 2019 16:58

Instrument :

MSVOA_W

ClientSampleId :

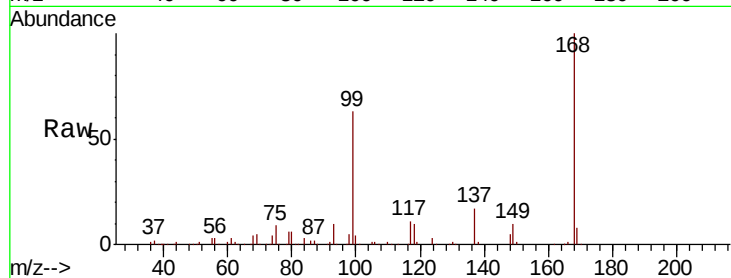
1S-A3-(30)RE

Tot Ion:168 Resp: 198132

Ion Ratio Lower Upper

168 100

99 63.5 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

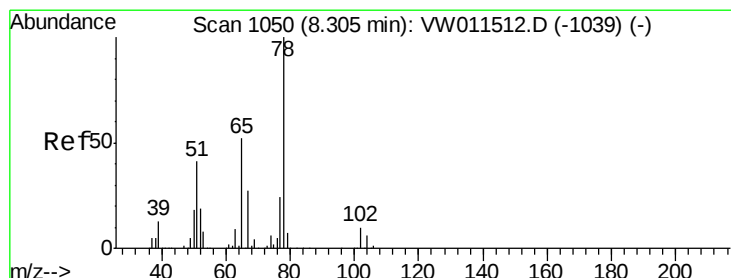
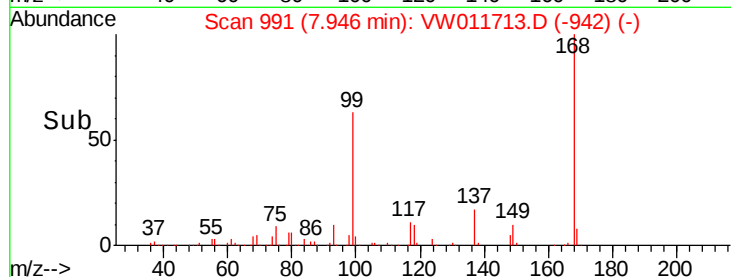
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.148 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011713.D

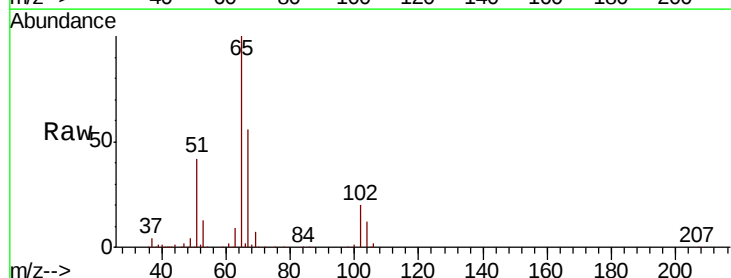
Acq: 05 Aug 2019 16:58

Tgt Ion: 65 Resp: 130018

Ion Ratio Lower Upper

65 100

67 52.8 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

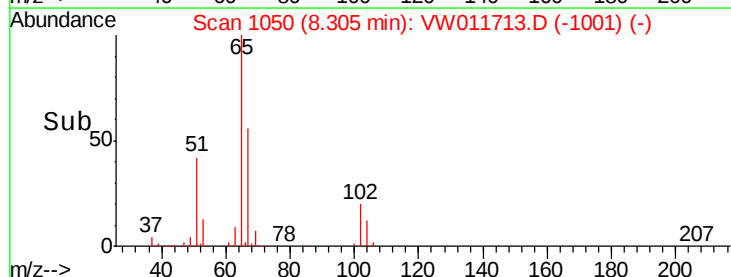
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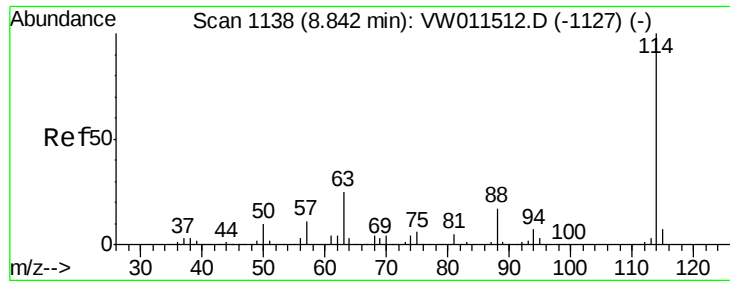
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Time-->

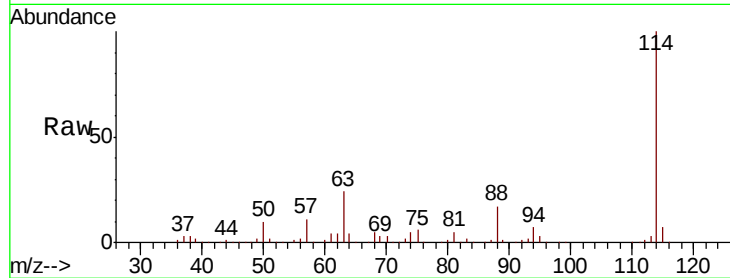




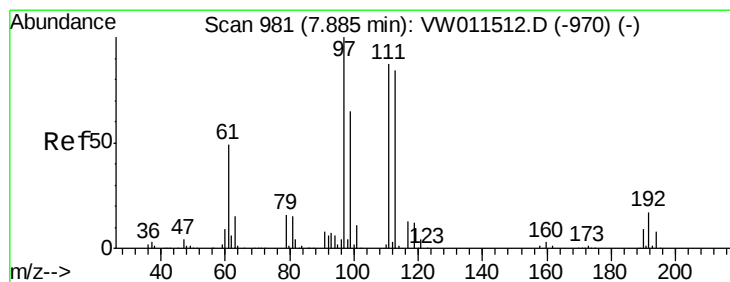
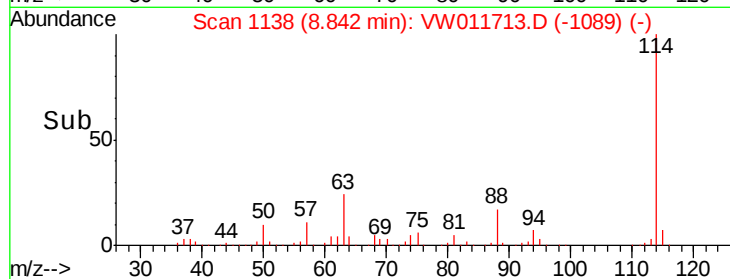
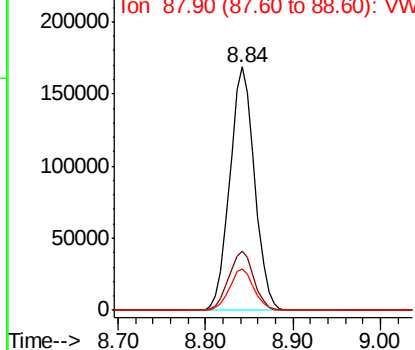
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011713.D
 Acq: 05 Aug 2019 16:58

Instrument :
 MSVOA_W
 ClientSampleId :
 1S-A3-(30)RE

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.4	0.0	49.2
88	16.9	0.0	33.8

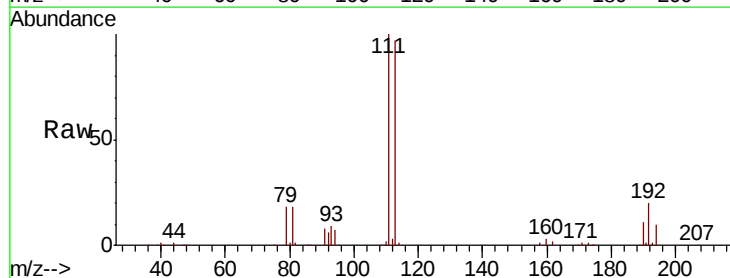


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

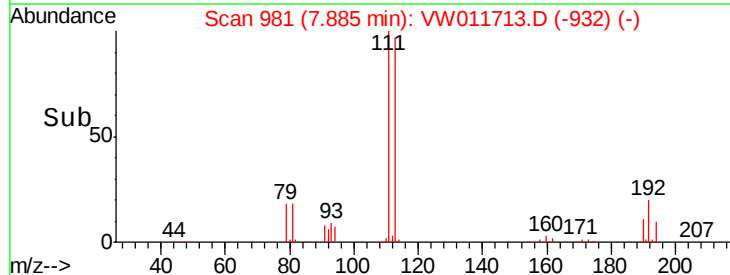
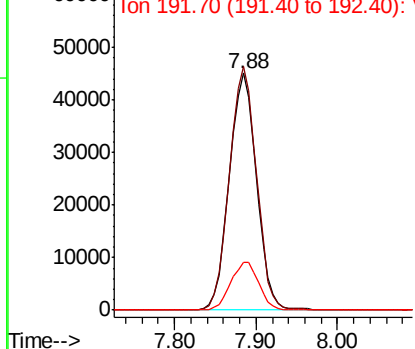


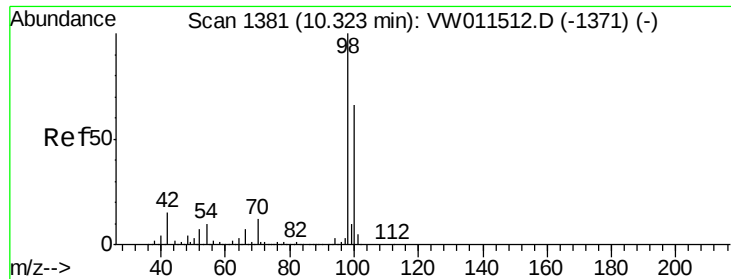
#35
 Dibromofluoromethane
 Concen: 55.631 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW011713.D
 Acq: 05 Aug 2019 16:58

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.7	124.1
192	20.5	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: 50.588 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011713.D

Acq: 05 Aug 2019 16:58

Instrument :

MSVOA_W

ClientSampleId :

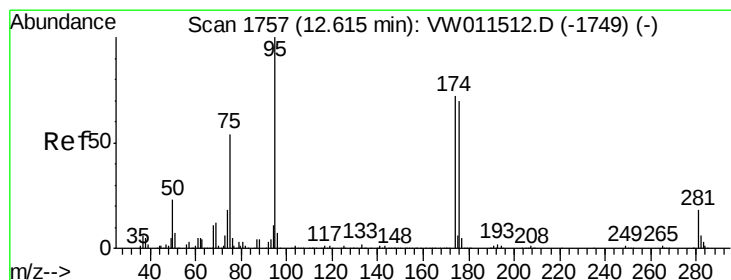
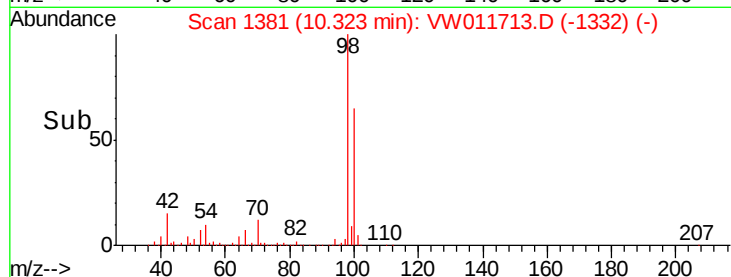
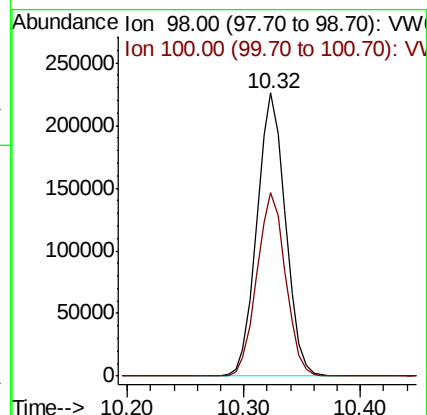
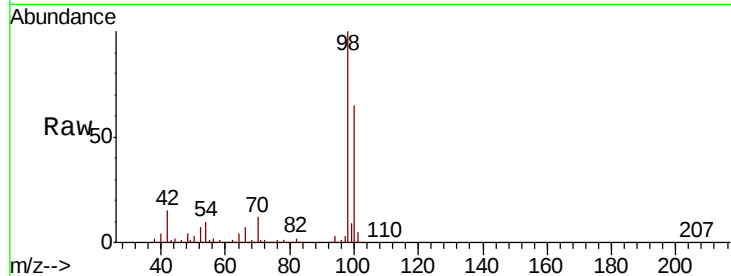
1S-A3-(30)RE

Tot Ion: 98 Resp: 386259

Ion Ratio Lower Upper

98 100

100 65.2 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 37.720 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011713.D

Acq: 05 Aug 2019 16:58

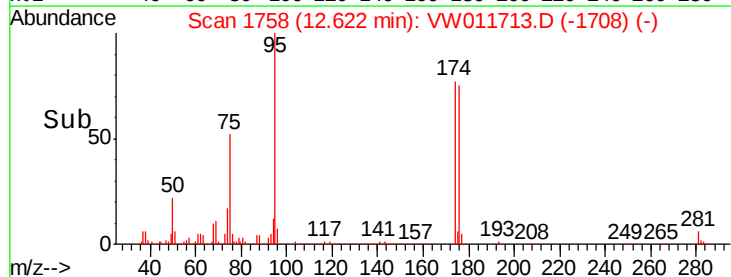
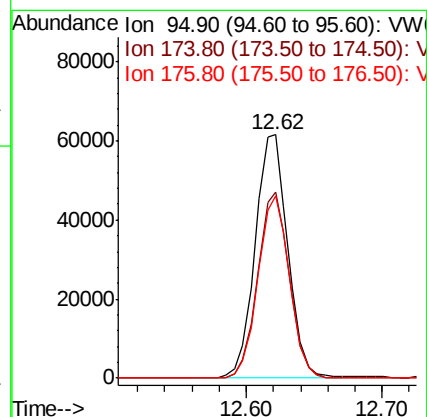
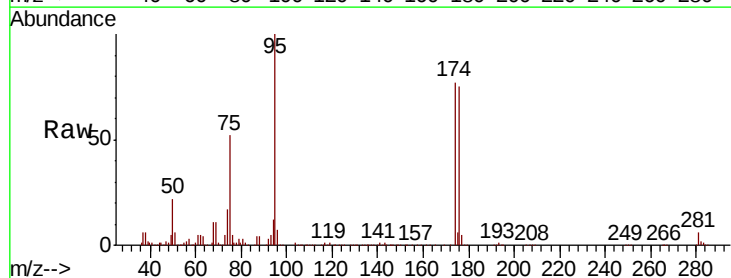
Tgt Ion: 95 Resp: 102678

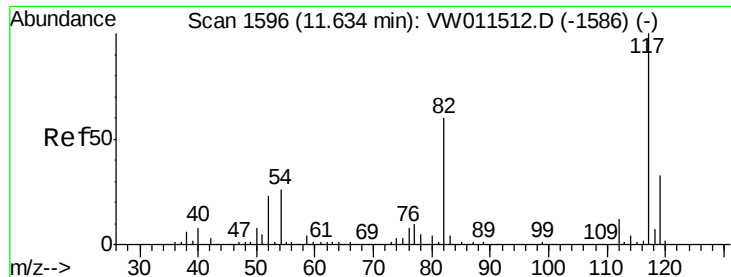
Ion Ratio Lower Upper

95 100

174 74.9 0.0 150.2

176 72.7 0.0 144.4

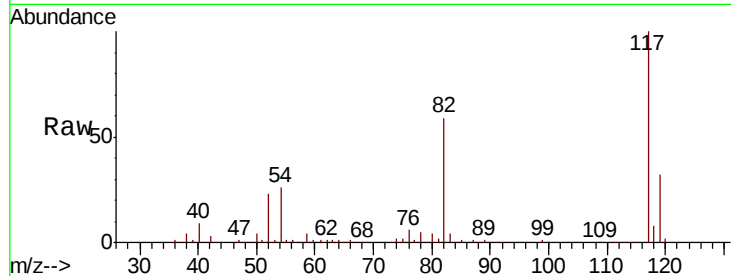




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW011713.D
Acq: 05 Aug 2019 16:58

Instrument :
MSVOA_W
ClientSampleId :
1S-A3-(30)RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.0	47.9	71.9
119	31.8	26.2	39.2

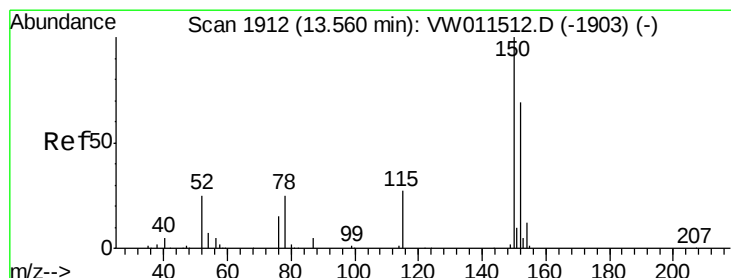
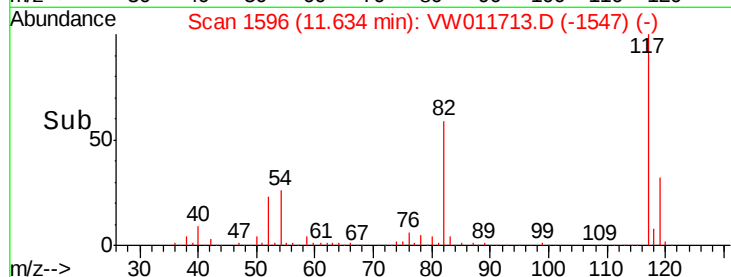
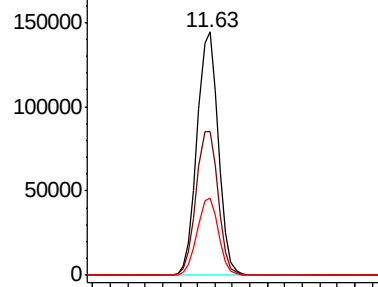


Abundance

Ion 116.90 (116.60 to 117.60): V

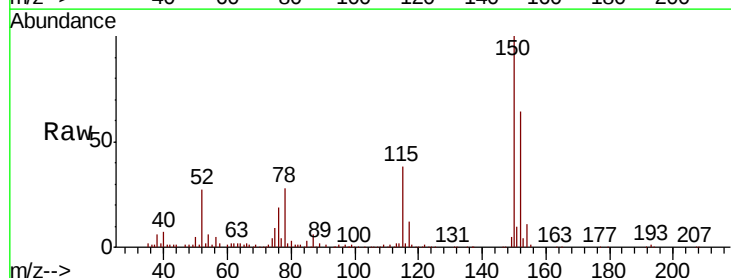
Ion 82.00 (81.70 to 82.70): V

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: VW011713.D
Acq: 05 Aug 2019 16:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.4	30.5	91.5
150	155.2	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

