

Data Path : Z:\voasrv\HPCHEM1\MSVOA_w\Data\Vw122320\
 Data File : Vw017713.D
 Acq On : 23 Dec 2020 15:40
 Operator : SY/VA
 Sample : L5189-06
 Misc : 6.25G/5ML/MSVOA_w/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 09

Quant Time: Dec 24 01:37:24 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_w\Method\82W121420S.M
 Quant Title : Sw846 8260
 QLast Update : Mon Dec 14 12:39:23 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.945	168	228959	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	397035	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	343966	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	151274	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	141292	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
35) Dibromofluoromethane	7.884	113	123571	47.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.06%	
50) Toluene-d8	10.323	98	482418	47.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.32%	
62) 4-Bromofluorobenzene	12.615	95	159414	43.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.30%	

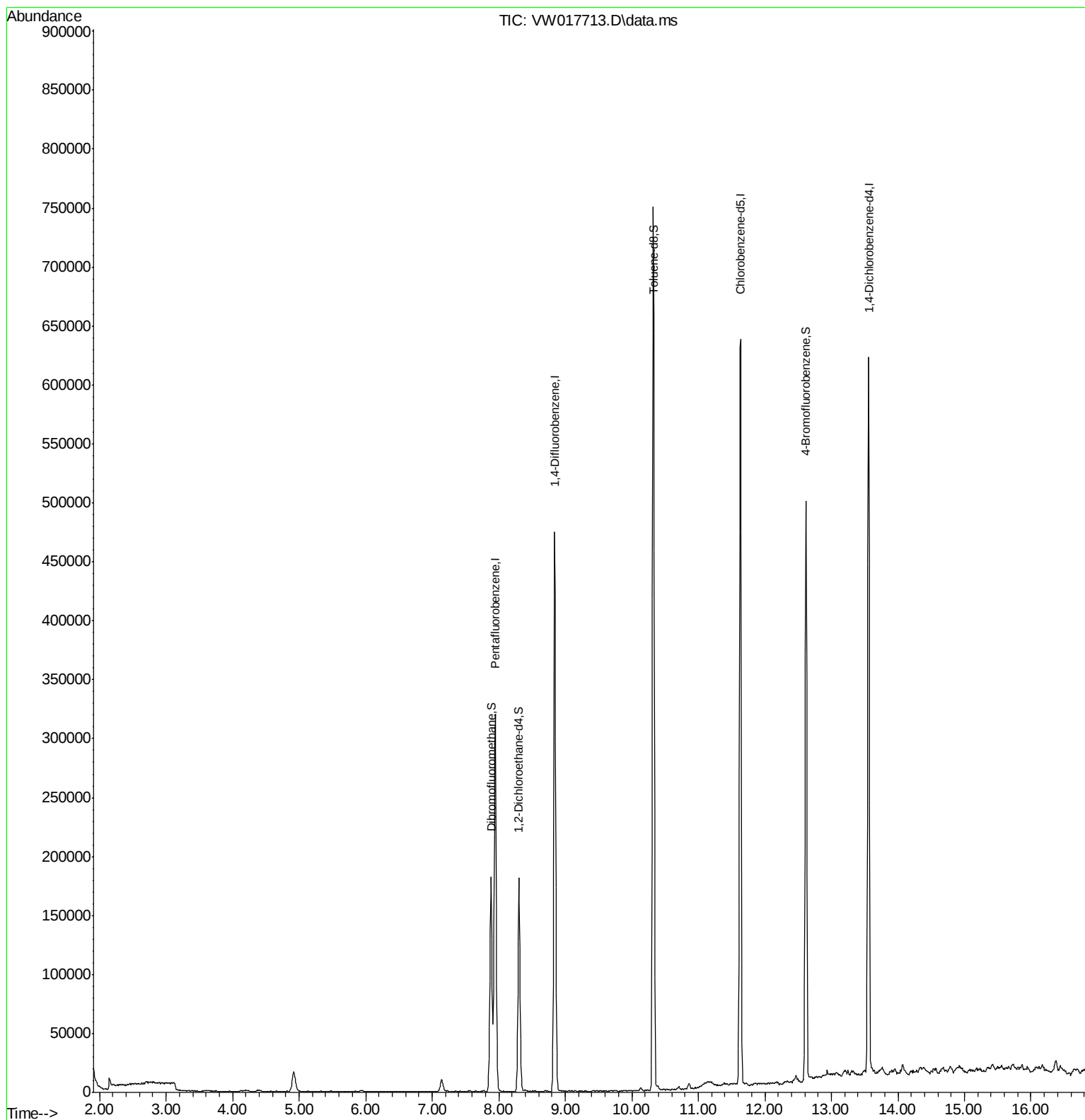
Target Compounds	Qvalue

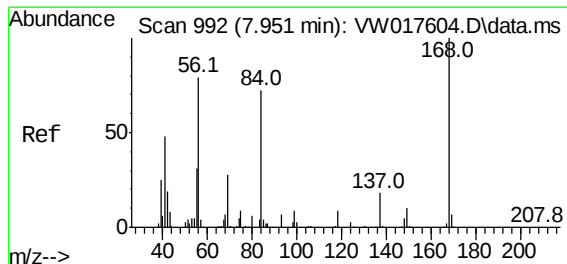
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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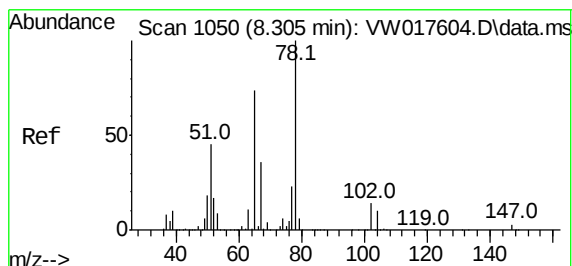
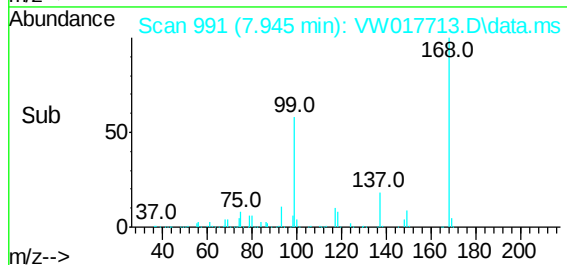
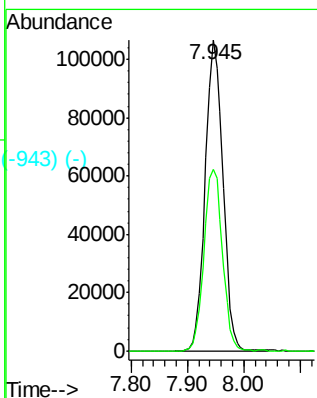
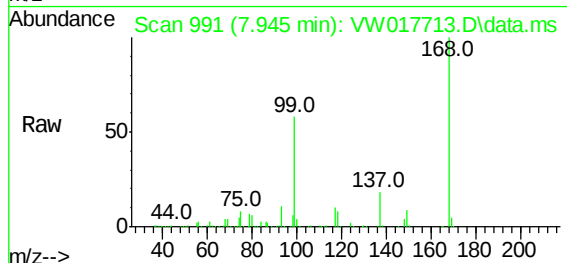




Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW017713.D
Acq: 23 Dec 2020 15:40

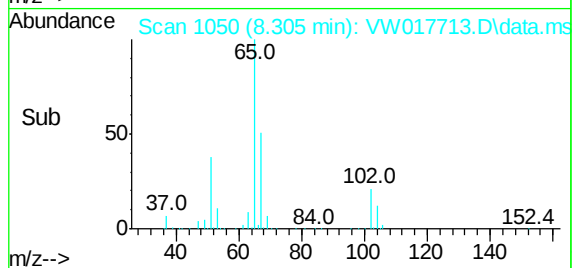
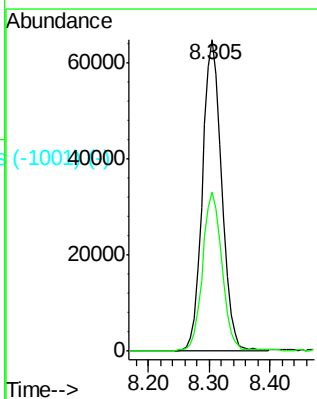
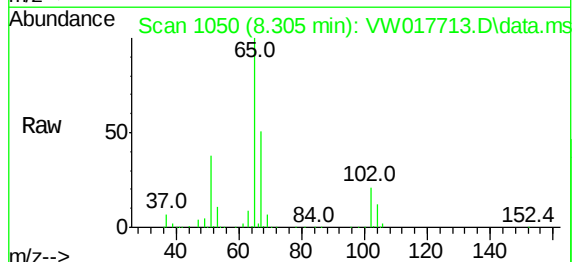
Instrument :
MSVOA_W
ClientSampleId :
09

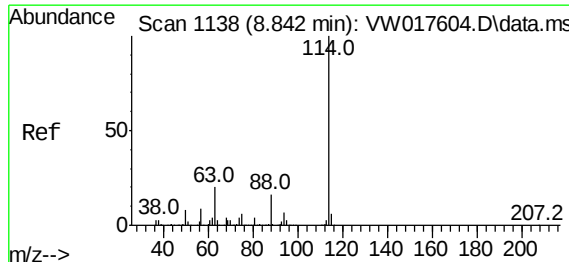
Tgt Ion:168 Resp: 228959
Ion Ratio Lower Upper
168 100
99 58.5 40.7 61.1



1,2-Dichloroethane-d4
Concen: 50.66 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW017713.D
Acq: 23 Dec 2020 15:40

Tgt Ion: 65 Resp: 141292
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.8



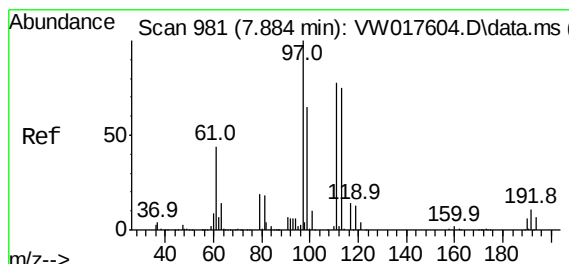
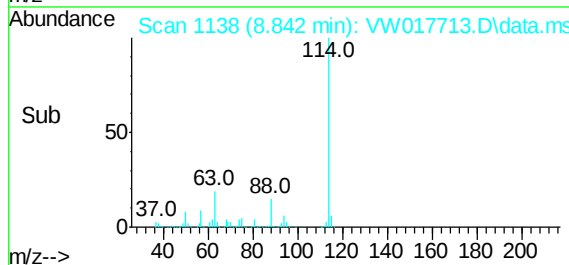
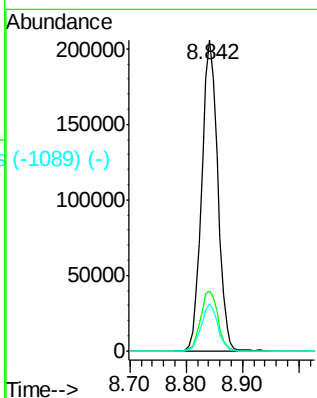
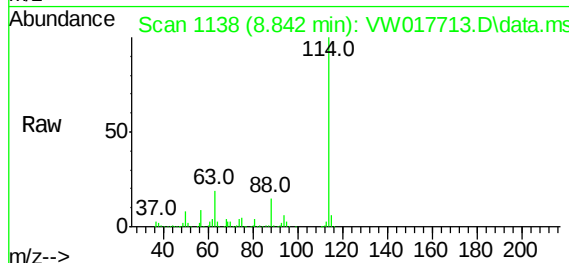


#118 (-)
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW017713.D
Acq: 23 Dec 2020 15:40

Instrument :
MSVOA_W
ClientSampleId :
09

Tgt Ion:114 Resp: 397035

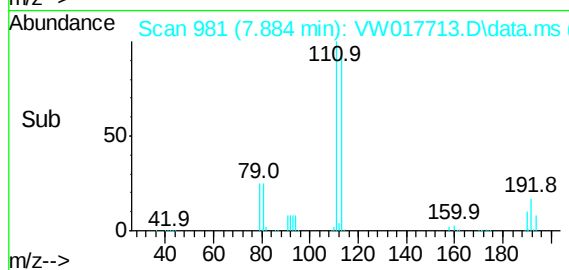
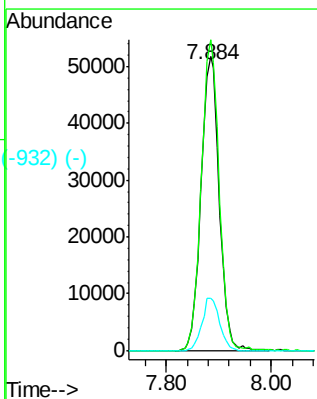
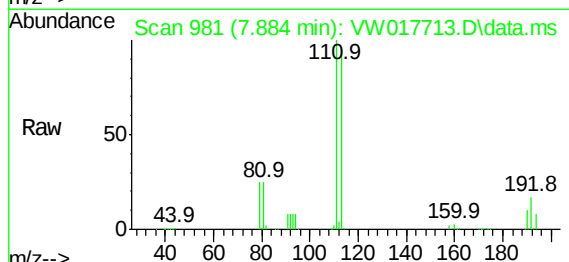
Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	35.6
88	15.2	0.0	30.4

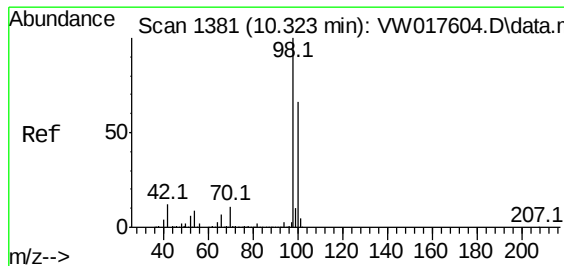


#981 (-)
Dibromofluoromethane
Concen: 47.03 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW017713.D
Acq: 23 Dec 2020 15:40

Tgt Ion:113 Resp: 123571

Ion	Ratio	Lower	Upper
113	100		
111	104.1	81.4	122.2
192	17.2	17.8	26.8

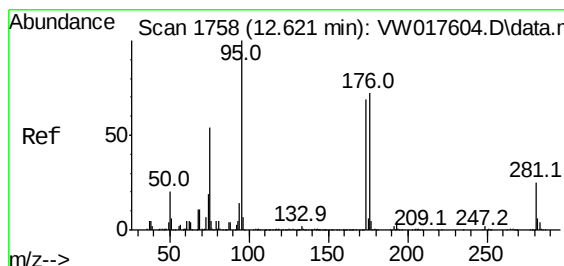
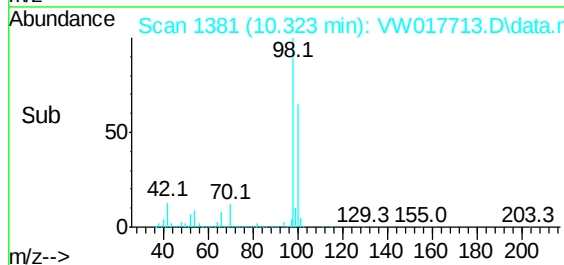
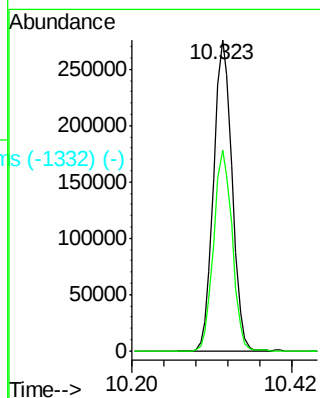
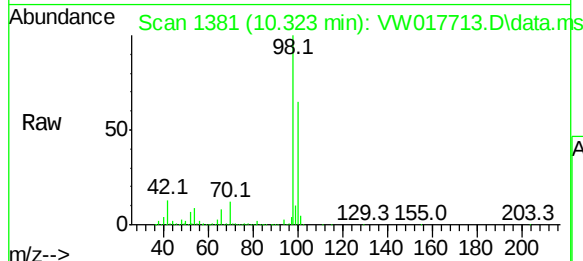




#50
Toluene-d8
Concen: 47.16 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW017713.D
Acq: 23 Dec 2020 15:40

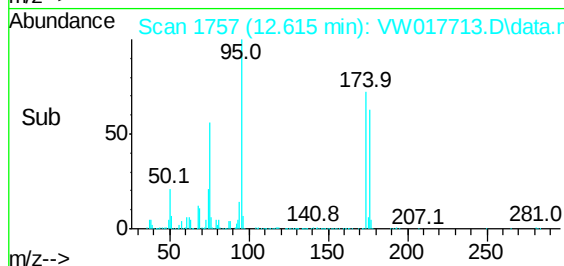
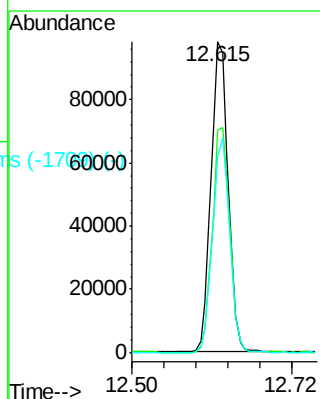
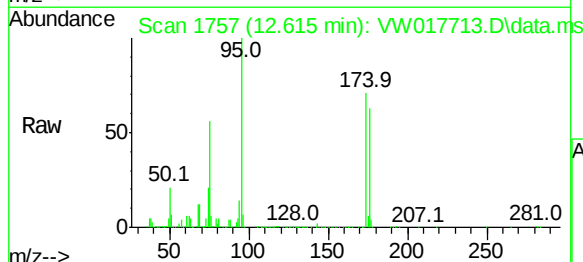
Instrument :
MSVOA_W
ClientSampled :
09

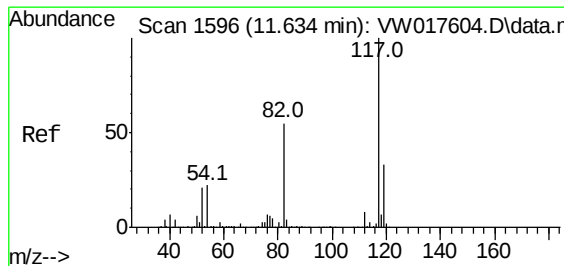
Tgt Ion: 98 Resp: 482418
Ion Ratio Lower Upper
98 100
100 64.7 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 43.65 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.006 min
Lab File: VW017713.D
Acq: 23 Dec 2020 15:40

Tgt Ion: 95 Resp: 159414
Ion Ratio Lower Upper
95 100
174 74.4 0.0 180.6
176 69.2 0.0 177.6

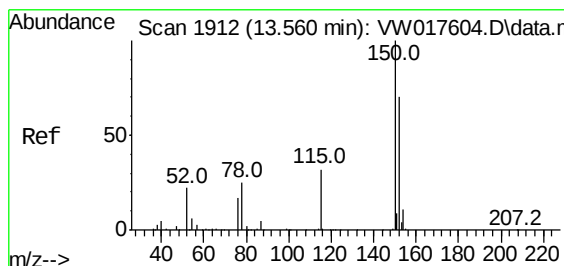
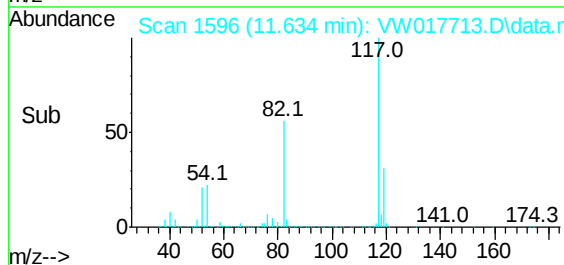
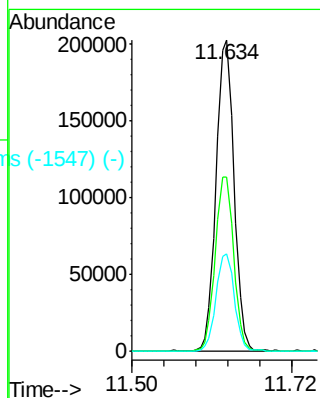
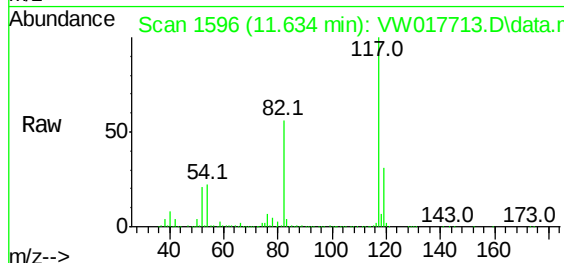




#6386 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW017713.D
Acq: 23 Dec 2020 15:40

Instrument :
MSVOA_W
ClientSampleId :
09

Tgt Ion:117 Resp: 343966
Ion Ratio Lower Upper
117 100
82 55.9 40.7 61.1
119 31.4 25.0 37.4



#7204 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW017713.D
Acq: 23 Dec 2020 15:40

Tgt Ion:152 Resp: 151274
Ion Ratio Lower Upper
152 100
115 60.6 27.9 83.7
150 160.8 0.0 344.0

