

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071321\
 Data File : VD069680.D
 Acq On : 13 Jul 2021 19:55
 Operator : VA/SY
 Sample : M3012-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PS-TP1

Quant Time: Jul 14 06:08:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 14 06:00:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	64736	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	120589	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	149411	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	72457	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	65751	81.344	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	162.680%
35) Dibromofluoromethane	7.914	113	44758	55.324	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.640%
50) Toluene-d8	10.332	98	156720	49.863	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.720%
62) 4-Bromofluorobenzene	12.626	95	68097	64.964	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	129.920%

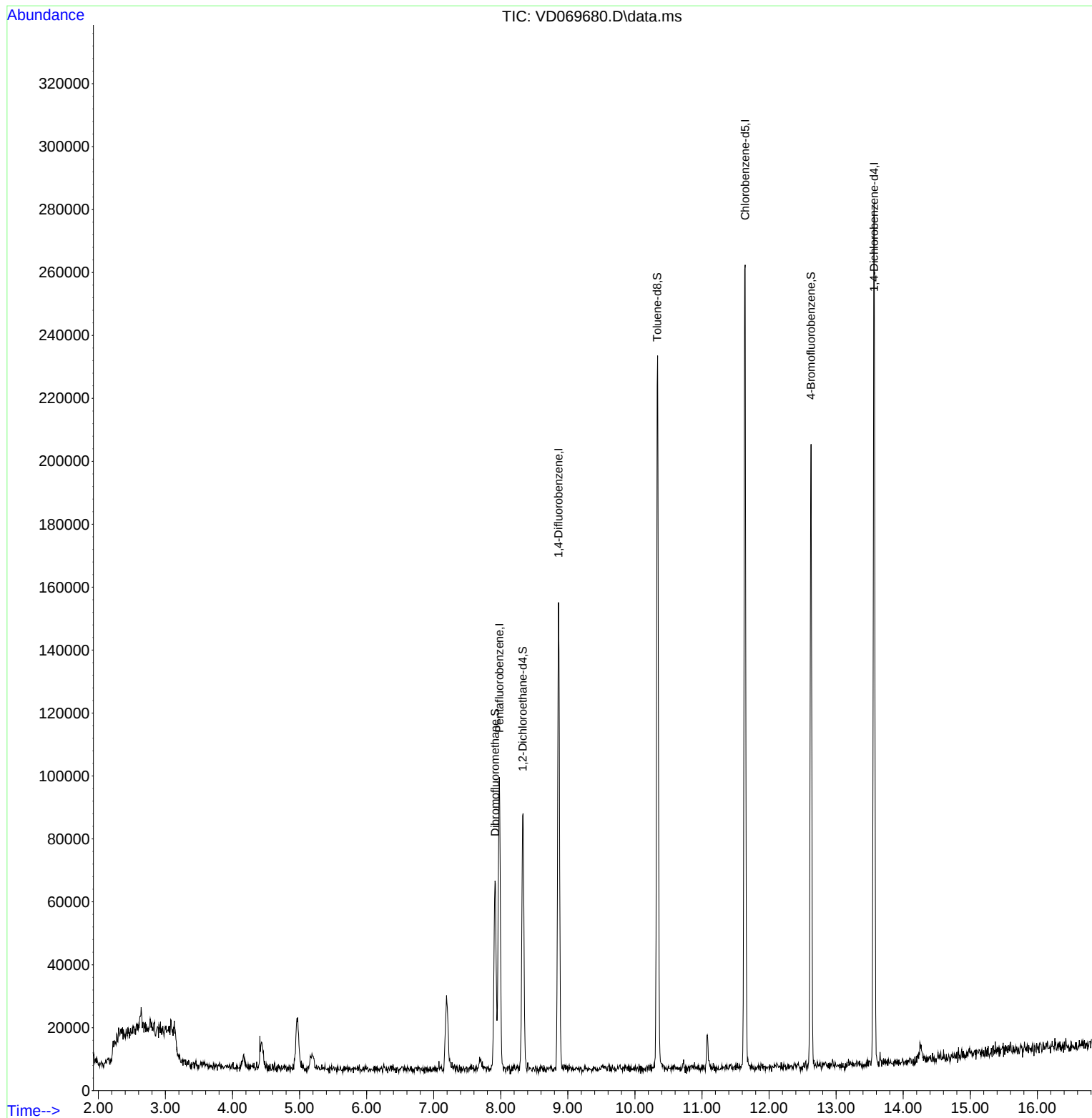
Target Compounds	Qvalue

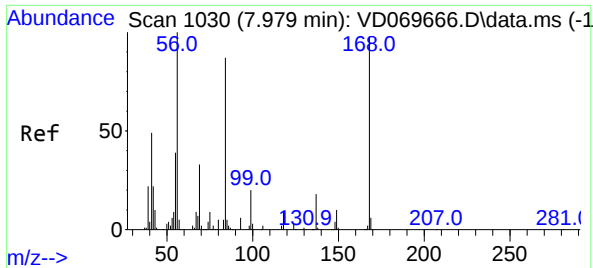
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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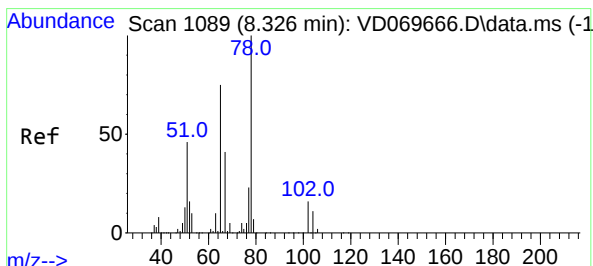
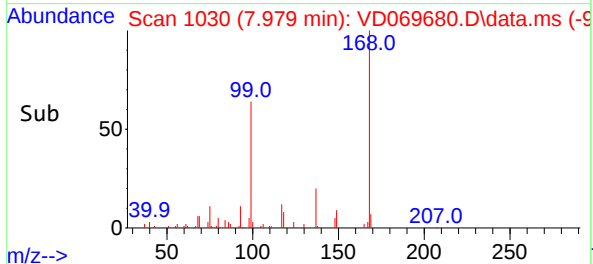
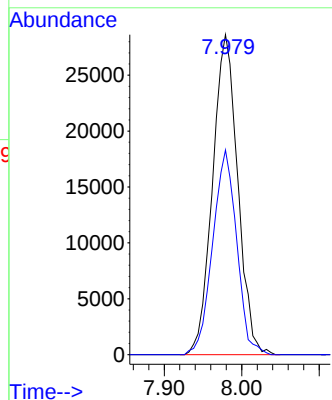
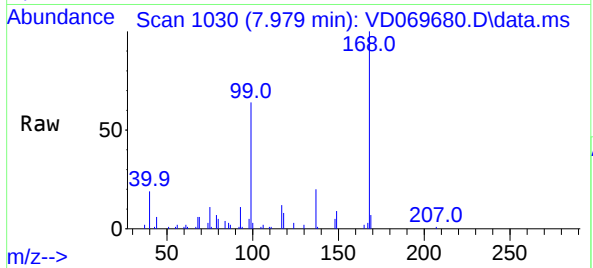




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069680.D
Acq: 13 Jul 2021 19:55

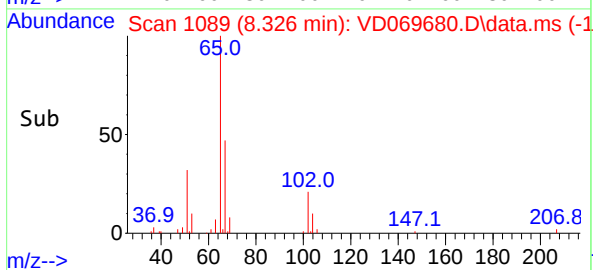
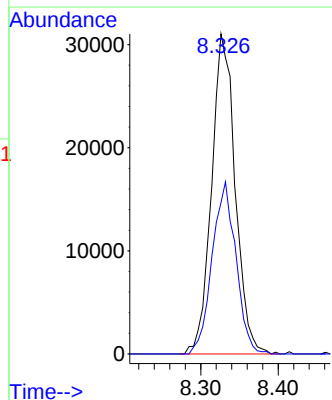
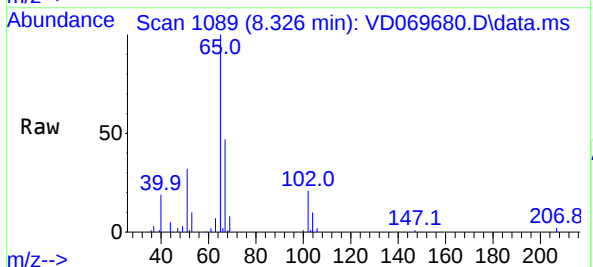
Instrument :
MSVOA_D
ClientSampleId :
PS-TP1

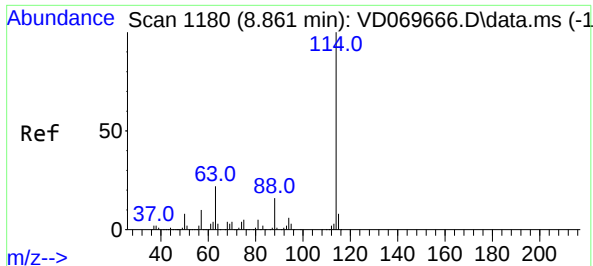
Tgt Ion:168 Resp: 64736
Ion Ratio Lower Upper
168 100
99 63.9 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 81.344 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD069680.D
Acq: 13 Jul 2021 19:55

Tgt Ion: 65 Resp: 65751
Ion Ratio Lower Upper
65 100
67 54.1 0.0 107.2



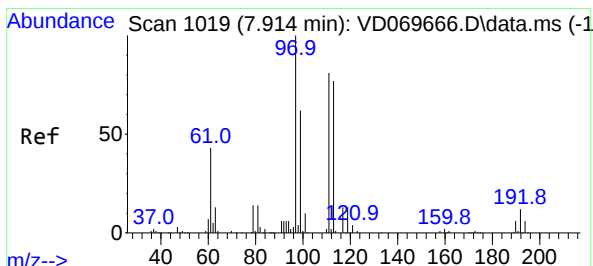
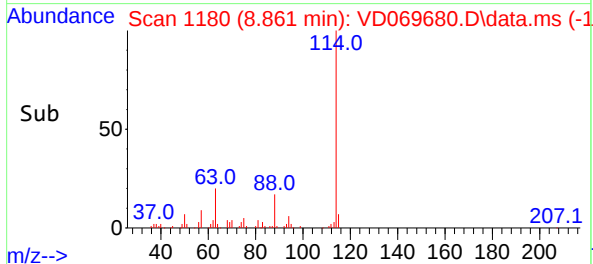
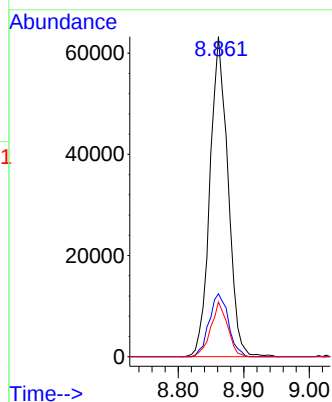
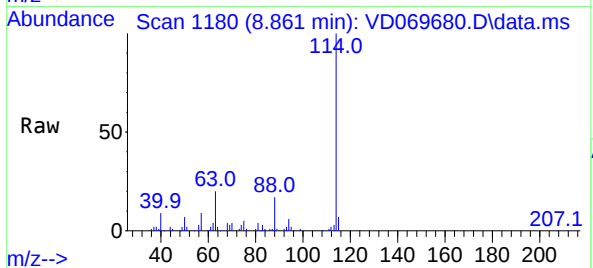


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069680.D
Acq: 13 Jul 2021 19:55

Instrument :
MSVOA_D
ClientSampleId :
PS-TP1

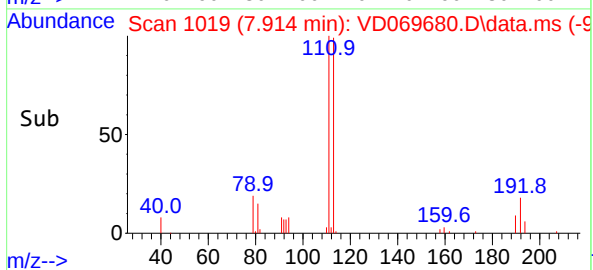
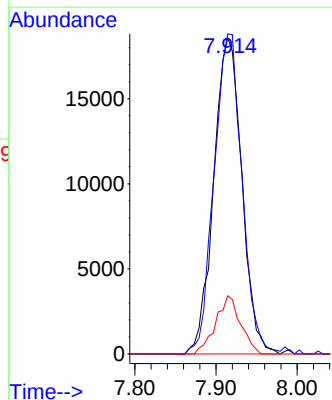
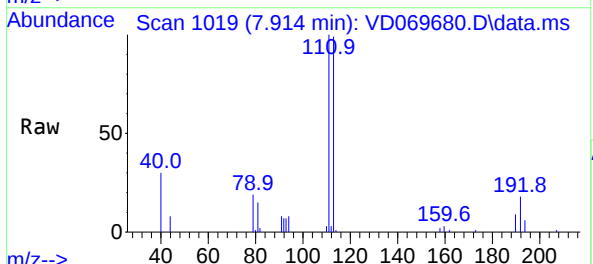
Tgt Ion:	114	Resp:	120589
Ion Ratio	Lower	Upper	
114	100		
63	19.6	0.0	43.4
88	17.1	0.0	32.0

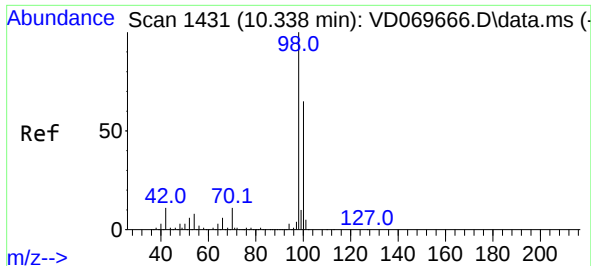


#35

Dibromofluoromethane
Concen: 55.324 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069680.D
Acq: 13 Jul 2021 19:55

Tgt Ion:	113	Resp:	44758
Ion Ratio	Lower	Upper	
113	100		
111	100.3	82.6	123.8
192	16.2	12.7	19.1

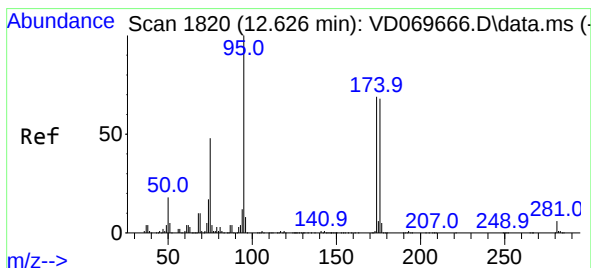
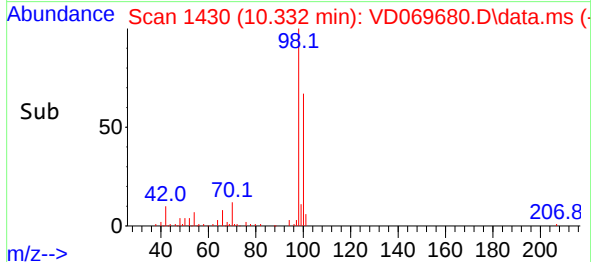
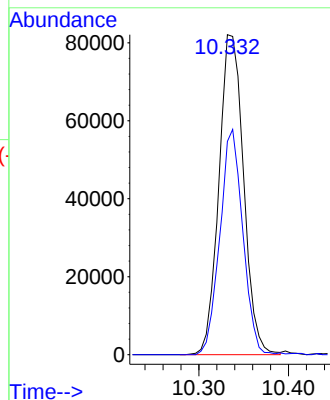
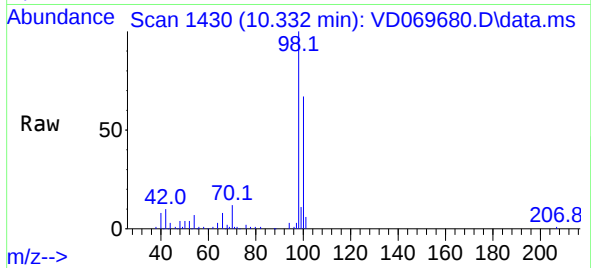




#50
Toluene-d8
Concen: 49.863 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD069680.D
Acq: 13 Jul 2021 19:55

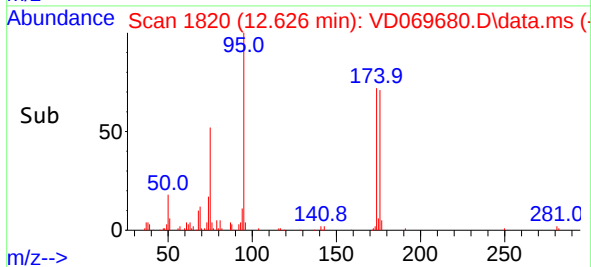
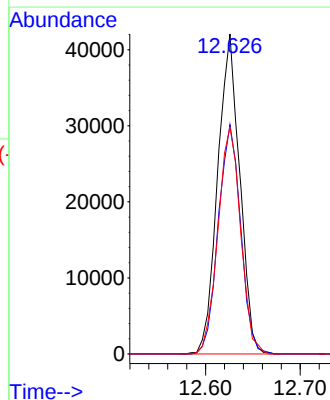
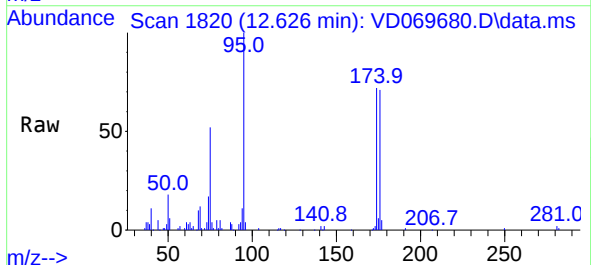
Instrument :
MSVOA_D
ClientSampleId :
PS-TP1

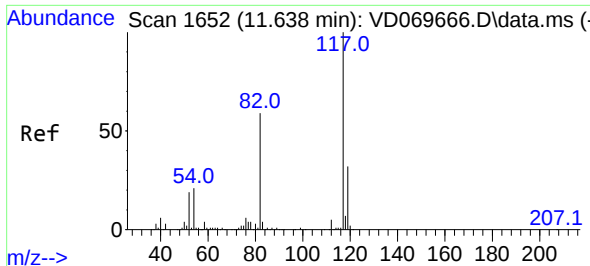
Tgt Ion: 98 Resp: 156720
Ion Ratio Lower Upper
98 100
100 65.6 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 64.964 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069680.D
Acq: 13 Jul 2021 19:55

Tgt Ion: 95 Resp: 68097
Ion Ratio Lower Upper
95 100
174 72.5 0.0 140.0
176 72.6 0.0 136.2



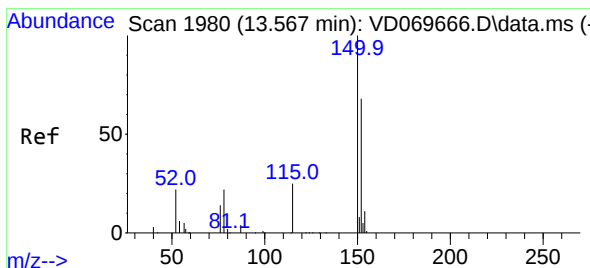
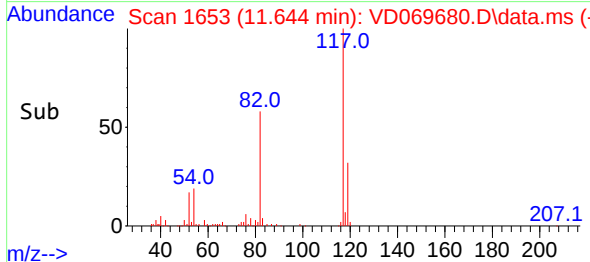
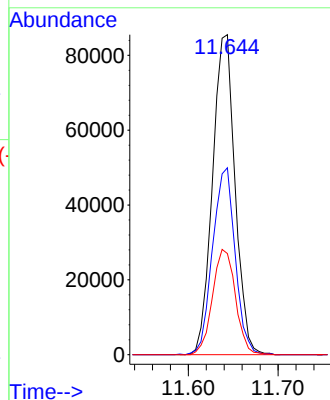
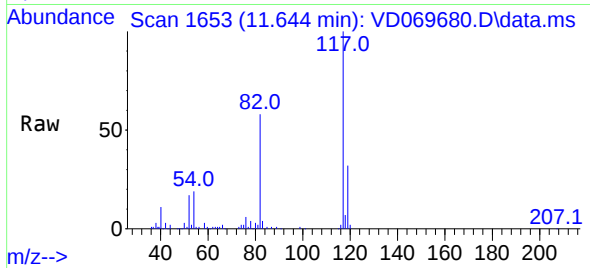


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.005 min
Lab File: VD069680.D
Acq: 13 Jul 2021 19:55

Instrument :
MSVOA_D
ClientSampleId :
PS-TP1

Tgt Ion:117 Resp: 149411

Ion	Ratio	Lower	Upper
117	100		
82	58.4	47.4	71.2
119	31.6	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069680.D
Acq: 13 Jul 2021 19:55

Tgt Ion:152 Resp: 72457

Ion	Ratio	Lower	Upper
152	100		
115	60.1	31.7	95.1
150	157.6	0.0	350.4

