

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062321\
 Data File : VD069540.D
 Acq On : 23 Jun 2021 12:57
 Operator : VA/SY
 Sample : M2811-01
 Misc : 6.21G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-04-062221

Quant Time: Jun 24 06:07:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 22 04:33:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	567181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1151370	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1181644	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	510867	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	422357	59.74	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.48%
35) Dibromofluoromethane	7.914	113	399842	51.37	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.74%
50) Toluene-d8	10.338	98	1516172	51.93	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.86%
62) 4-Bromofluorobenzene	12.626	95	560821	58.43	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	116.86%

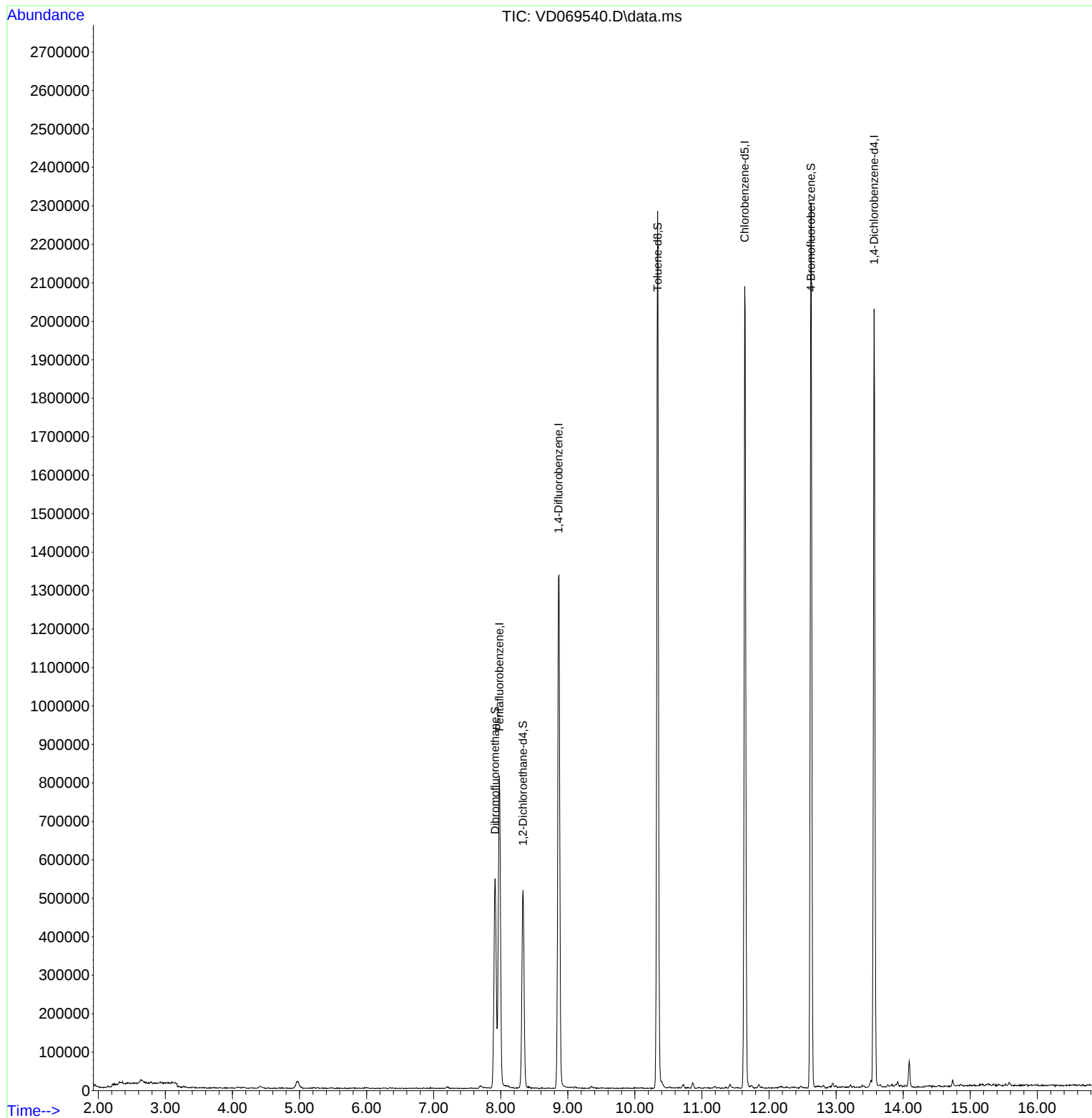
Target Compounds	Qvalue

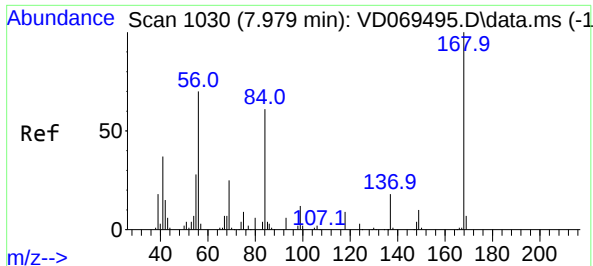
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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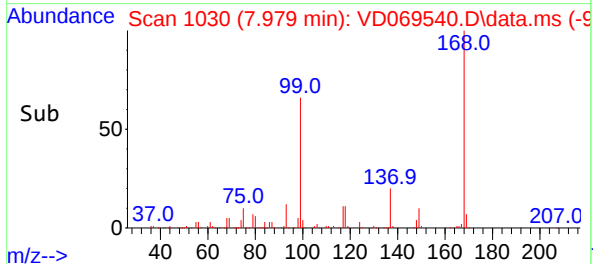
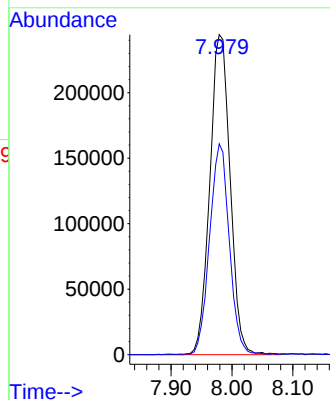
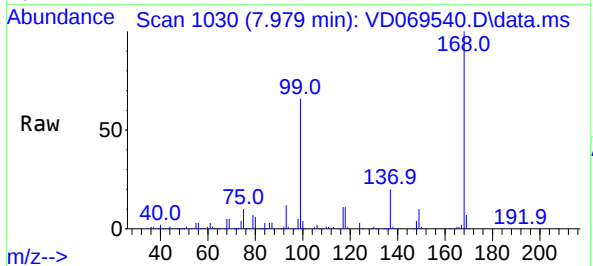




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069540.D
Acq: 23 Jun 2021 12:57

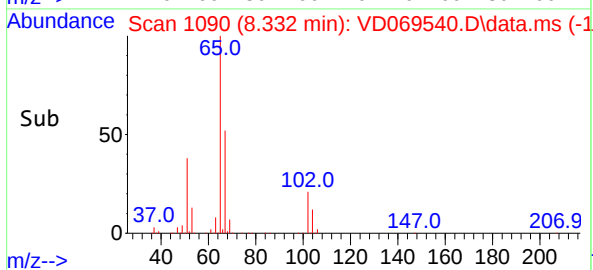
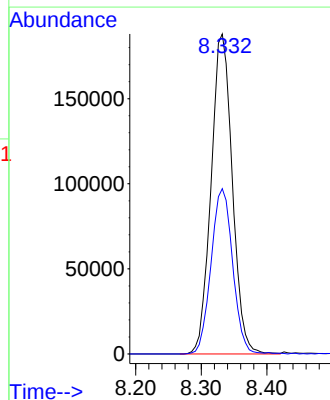
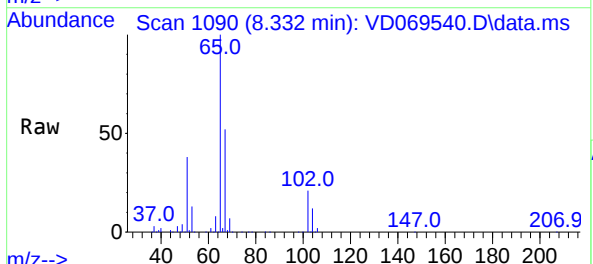
Instrument :
MSVOA_D
ClientSampleId :
HR-04-062221

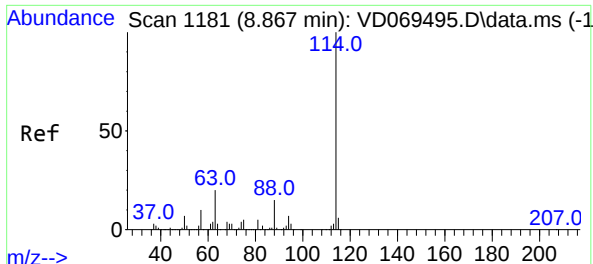
Tgt Ion:168 Resp: 567181
Ion Ratio Lower Upper
168 100
99 65.7 49.3 73.9



#33
1,2-Dichloroethane-d4
Concen: 59.74 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069540.D
Acq: 23 Jun 2021 12:57

Tgt Ion: 65 Resp: 422357
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.6



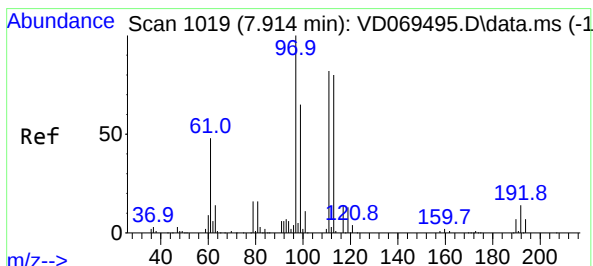
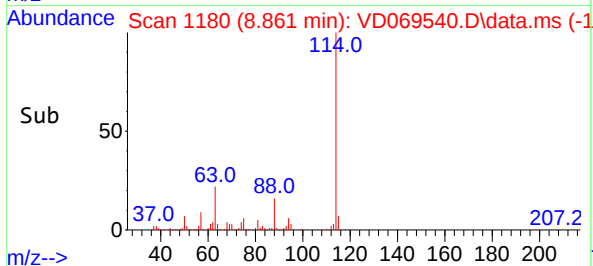
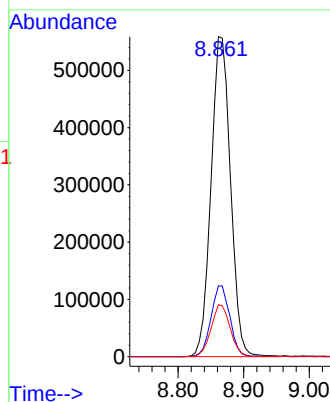
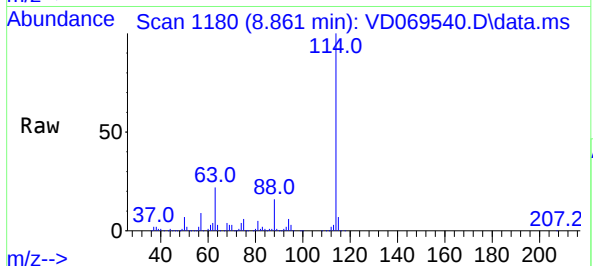


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069540.D
Acq: 23 Jun 2021 12:57

Instrument :
MSVOA_D
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HR-04-062221

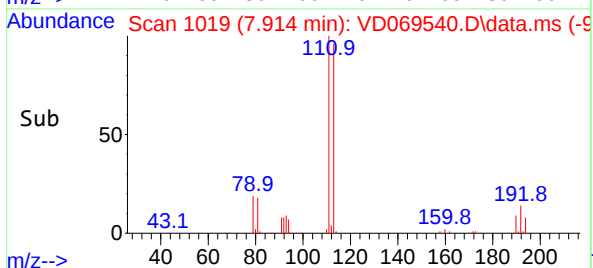
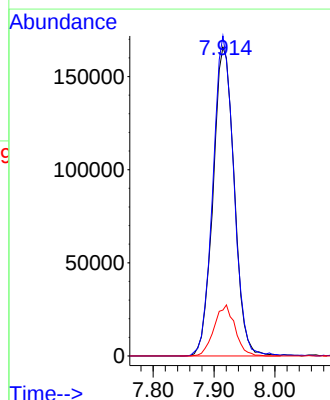
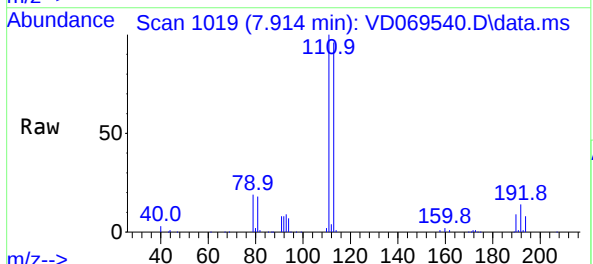
Tgt Ion:114 Resp: 1151370
Ion Ratio Lower Upper
114 100
63 22.2 0.0 39.6
88 16.2 0.0 29.8

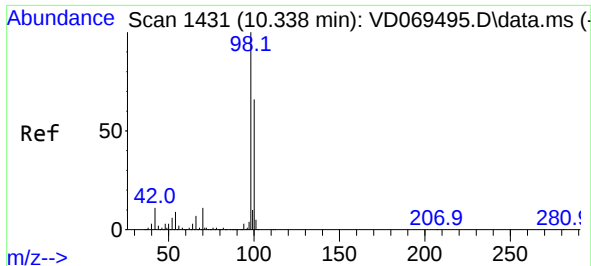


#35

Dibromofluoromethane
Concen: 51.37 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069540.D
Acq: 23 Jun 2021 12:57

Tgt Ion:113 Resp: 399842
Ion Ratio Lower Upper
113 100
111 102.7 81.8 122.8
192 16.3 13.8 20.6

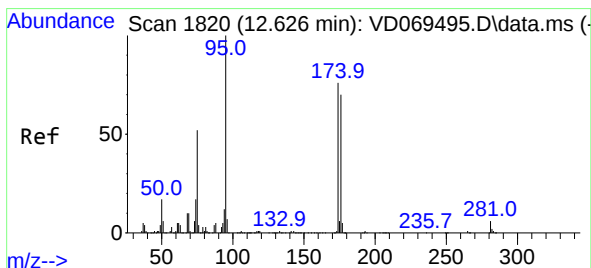
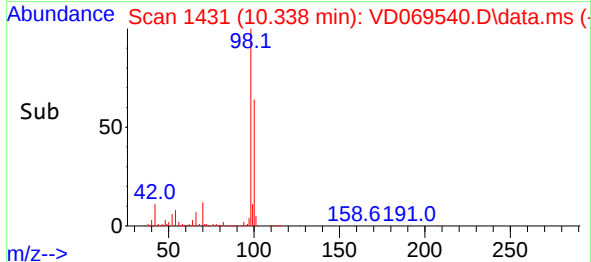
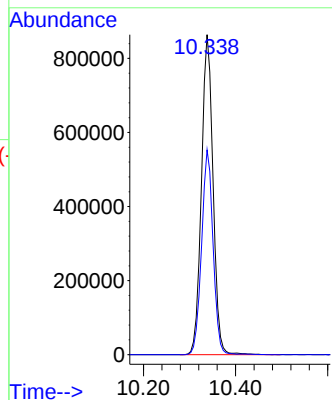
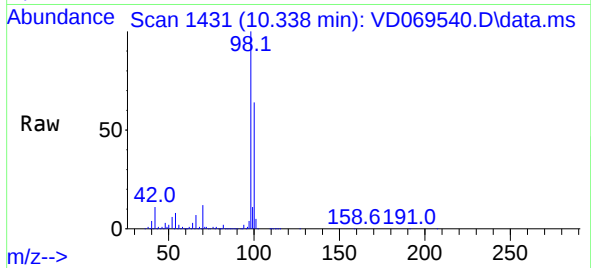




#50
Toluene-d8
Concen: 51.93 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069540.D
Acq: 23 Jun 2021 12:57

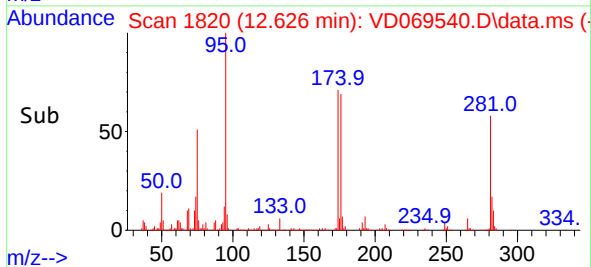
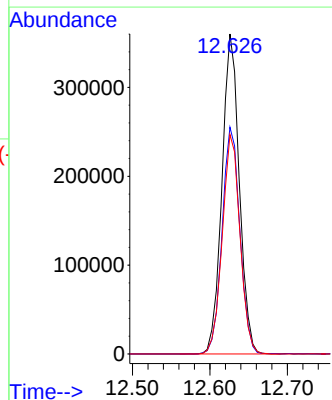
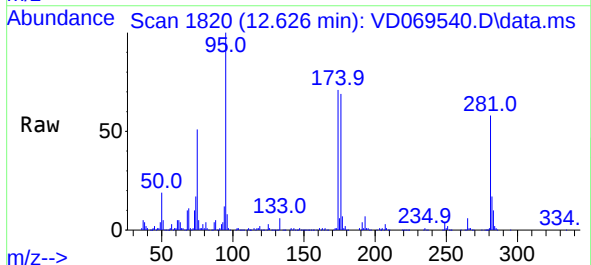
Instrument :
MSVOA_D
ClientSampleId :
HR-04-062221

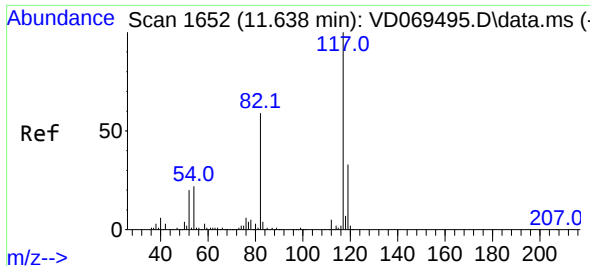
Tgt Ion: 98 Resp: 1516172
Ion Ratio Lower Upper
98 100
100 63.3 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 58.43 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069540.D
Acq: 23 Jun 2021 12:57

Tgt Ion: 95 Resp: 560821
Ion Ratio Lower Upper
95 100
174 72.6 0.0 148.0
176 69.9 0.0 139.8

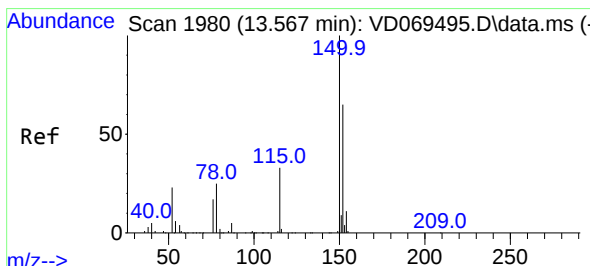
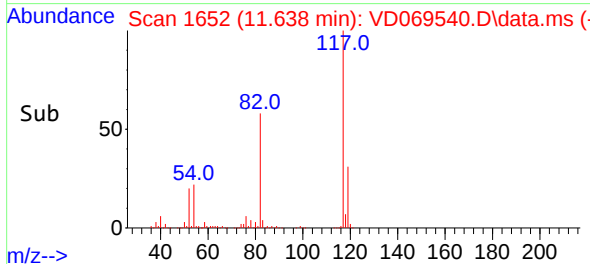
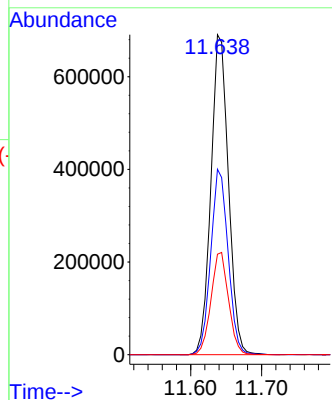
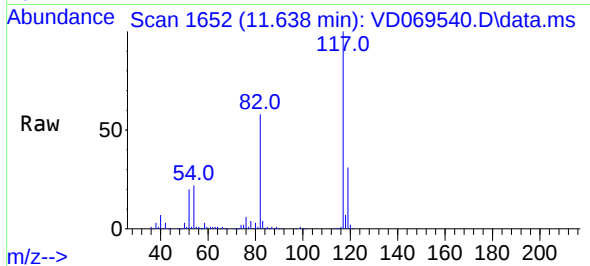




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD069540.D
Acq: 23 Jun 2021 12:57

Instrument :
MSVOA_D
ClientSampleId :
HR-04-062221

Tgt Ion:117 Resp: 1181644
Ion Ratio Lower Upper
117 100
82 58.0 46.8 70.2
119 31.4 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069540.D
Acq: 23 Jun 2021 12:57

Tgt Ion:152 Resp: 510867
Ion Ratio Lower Upper
152 100
115 61.9 31.7 95.1
150 160.6 0.0 350.8

