

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070821\
 Data File : VD069634.D
 Acq On : 08 Jul 2021 17:32
 Operator : VA/SY
 Sample : M2969-05
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB03

Quant Time: Jul 09 01:04:43 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	544133	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1058498	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1164060	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	491417	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	340599	50.217	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.440%
35) Dibromofluoromethane	7.914	113	352012	49.196	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.400%
50) Toluene-d8	10.338	98	1400951	52.199	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.400%
62) 4-Bromofluorobenzene	12.626	95	521224	59.073	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	118.140%

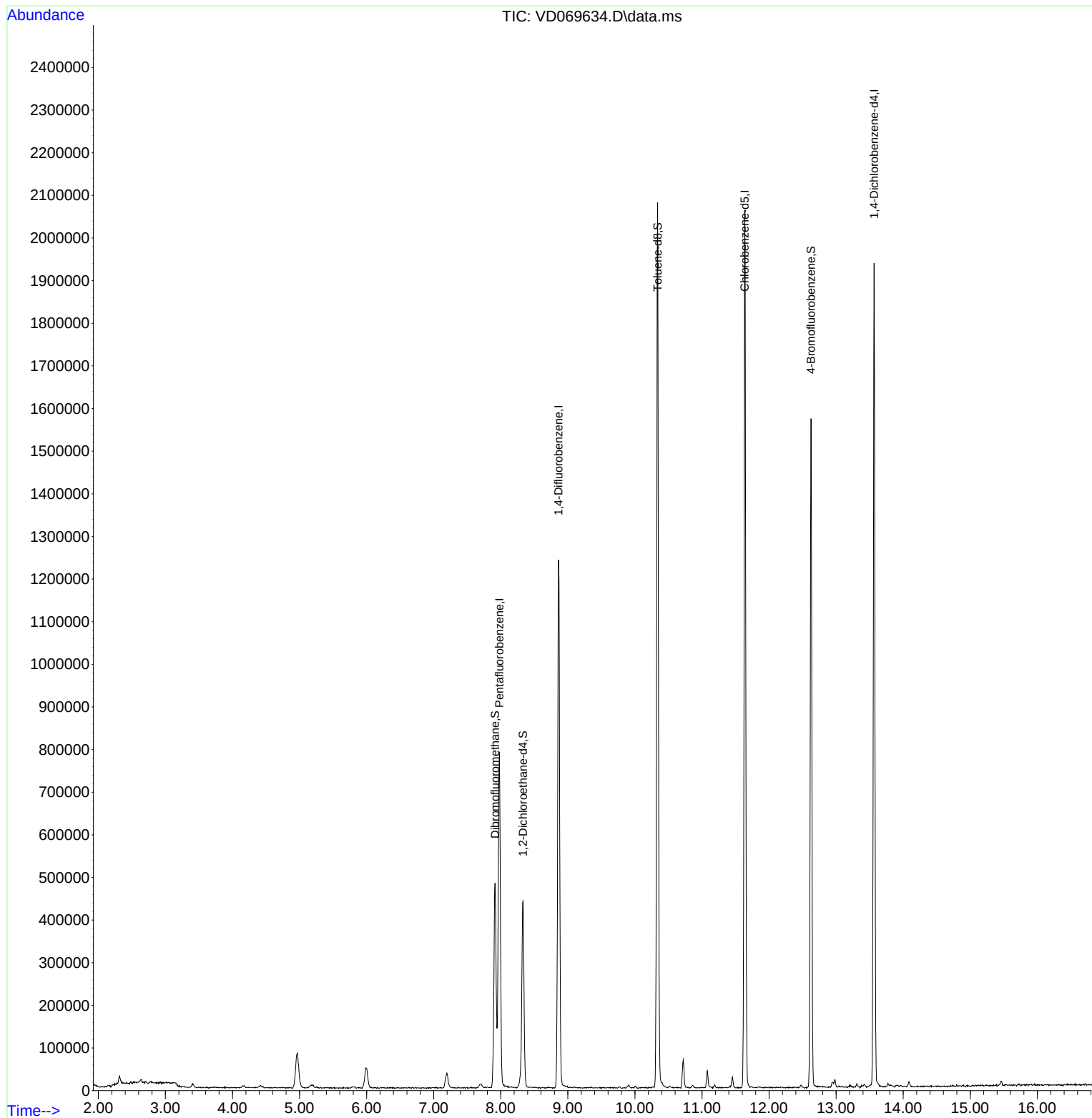
Target Compounds	Qvalue

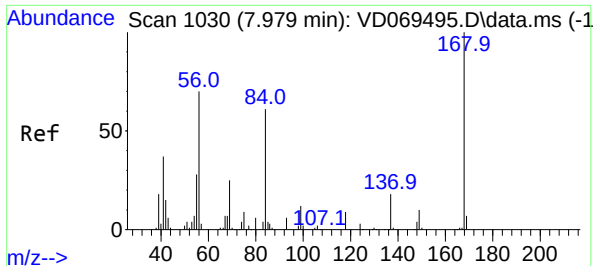
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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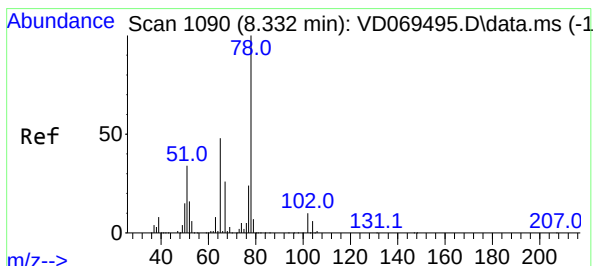
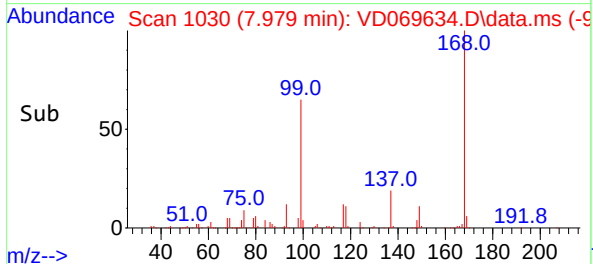
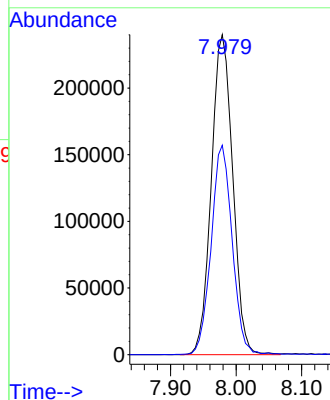
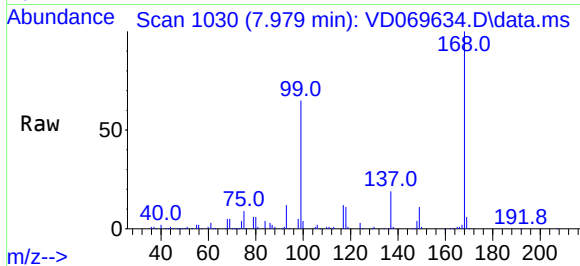




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069634.D
Acq: 08 Jul 2021 17:32

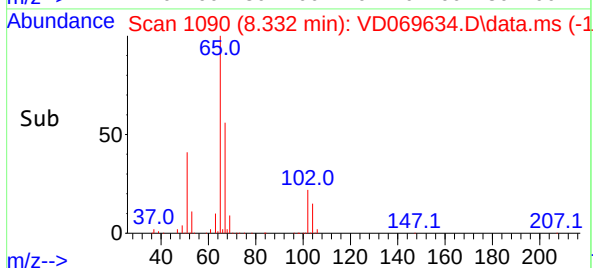
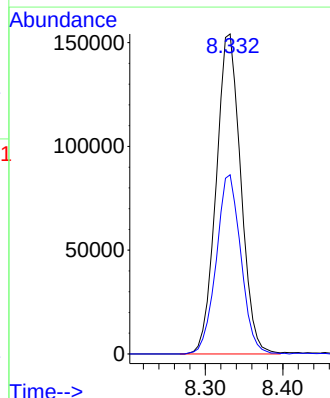
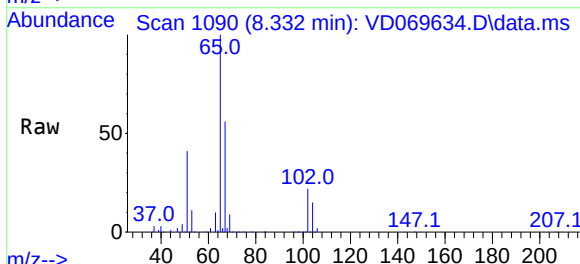
Instrument :
MSVOA_D
ClientSampleId :
SB03

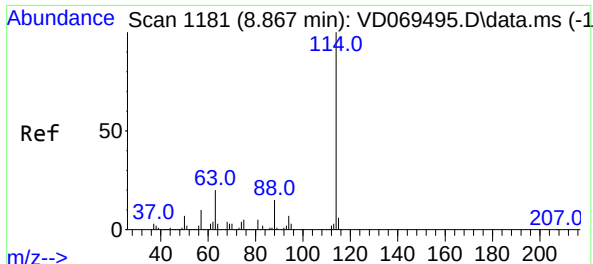
Tgt Ion:168 Resp: 544133
Ion Ratio Lower Upper
168 100
99 65.3 49.3 73.9



#33
1,2-Dichloroethane-d4
Concen: 50.217 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069634.D
Acq: 08 Jul 2021 17:32

Tgt Ion: 65 Resp: 340599
Ion Ratio Lower Upper
65 100
67 56.1 0.0 105.6



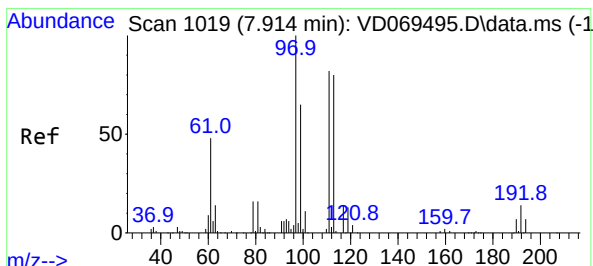
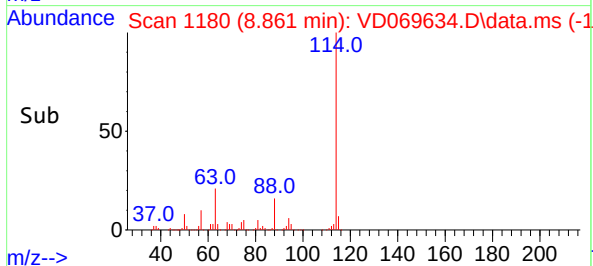
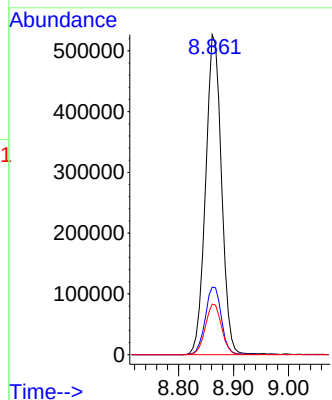
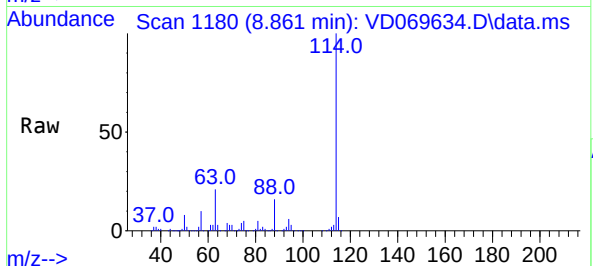


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069634.D
Acq: 08 Jul 2021 17:32

Instrument :
MSVOA_D
ClientSampled :
SB03

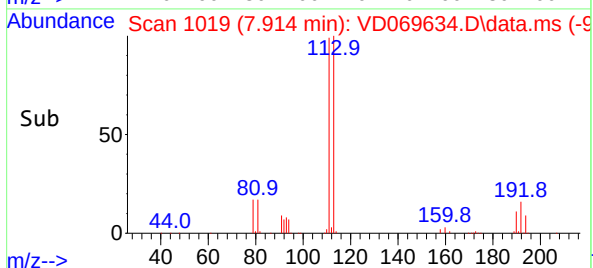
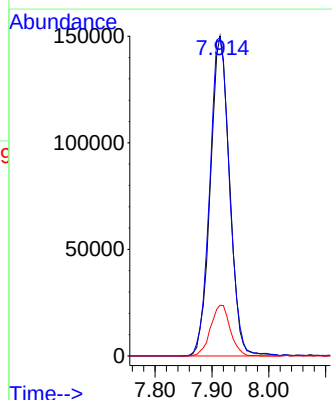
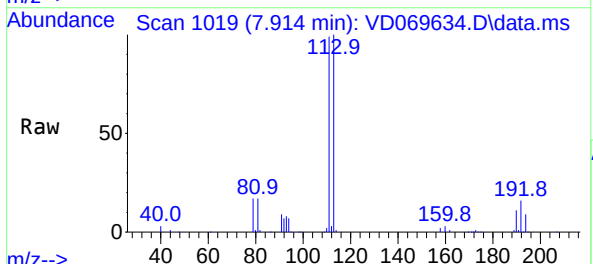
Tgt Ion:114 Resp: 1058498
Ion Ratio Lower Upper
114 100
63 21.1 0.0 39.6
88 15.8 0.0 29.8

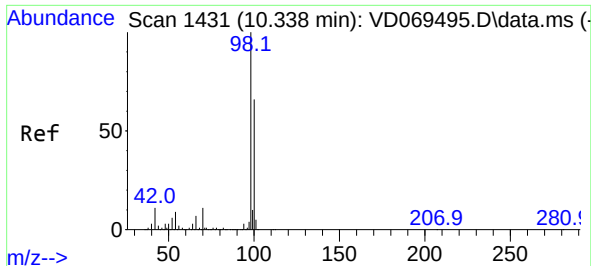


#35

Dibromofluoromethane
Concen: 49.196 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069634.D
Acq: 08 Jul 2021 17:32

Tgt Ion:113 Resp: 352012
Ion Ratio Lower Upper
113 100
111 102.6 81.8 122.8
192 16.2 13.8 20.6

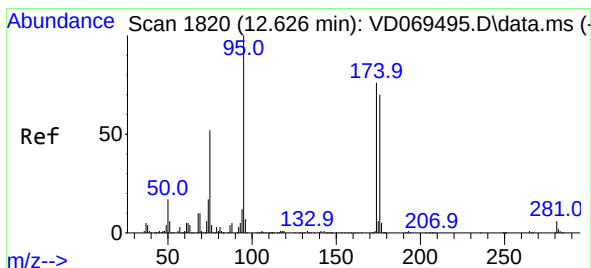
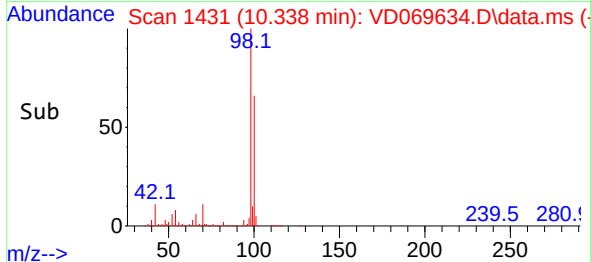
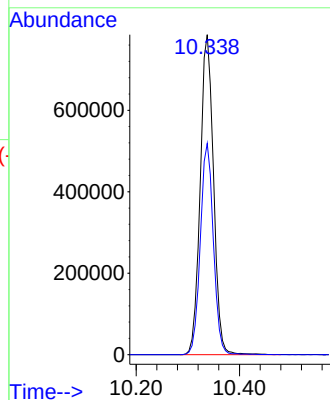
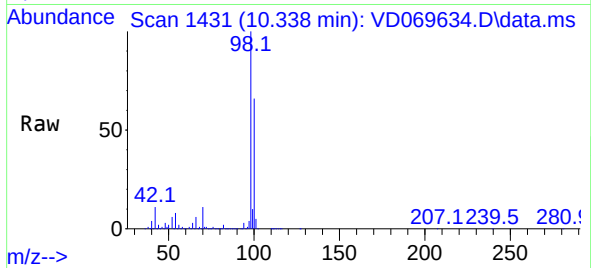




#50
Toluene-d8
Concen: 52.199 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069634.D
Acq: 08 Jul 2021 17:32

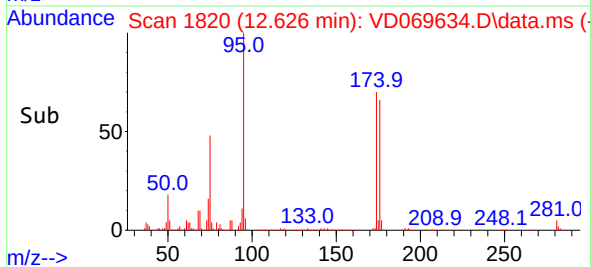
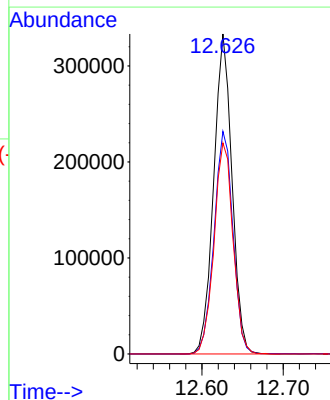
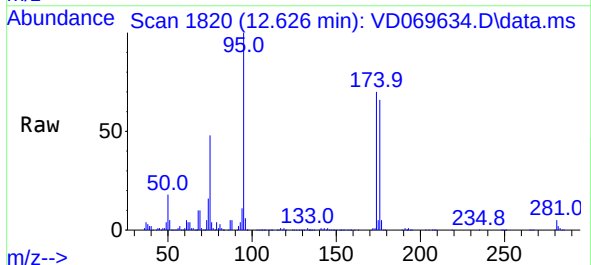
Instrument :
MSVOA_D
ClientSampleId :
SB03

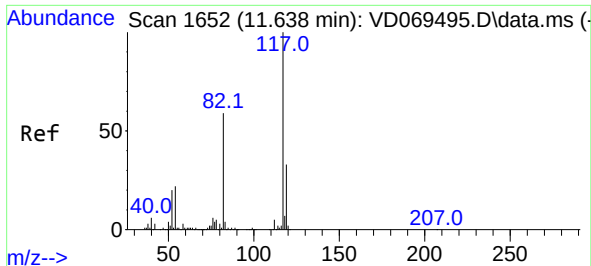
Tgt Ion: 98 Resp: 1400951
Ion Ratio Lower Upper
98 100
100 64.8 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 59.073 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069634.D
Acq: 08 Jul 2021 17:32

Tgt Ion: 95 Resp: 521224
Ion Ratio Lower Upper
95 100
174 72.1 0.0 148.0
176 68.7 0.0 139.8

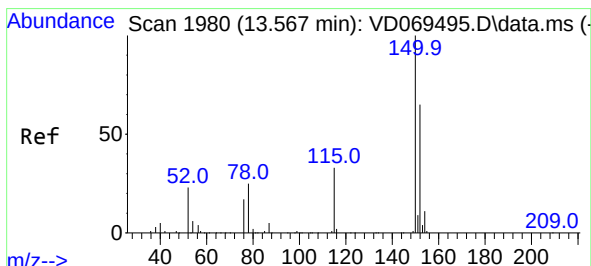
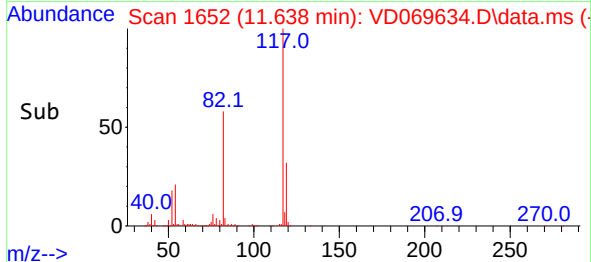
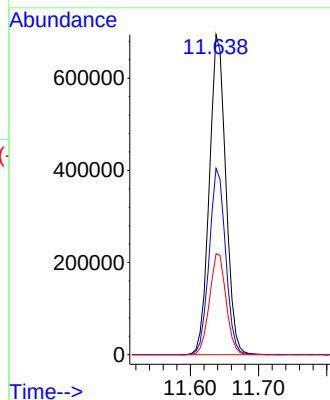
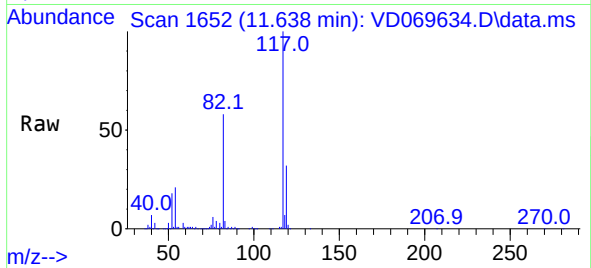




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069634.D
Acq: 08 Jul 2021 17:32

Instrument :
MSVOA_D
ClientSampleId :
SB03

Tgt Ion:117 Resp: 1164060
Ion Ratio Lower Upper
117 100
82 58.2 46.8 70.2
119 31.5 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069634.D
Acq: 08 Jul 2021 17:32

Tgt Ion:152 Resp: 491417
Ion Ratio Lower Upper
152 100
115 63.0 31.7 95.1
150 157.5 0.0 350.8

