

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070921\
 Data File : VD069654.D
 Acq On : 09 Jul 2021 18:55
 Operator : VA/SY
 Sample : M2990-16
 Misc : 4.82G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-E

Quant Time: Jul 10 02:56:48 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	586690	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1130412	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1230720	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	564027	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	339125	46.373	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.740%
35) Dibromofluoromethane	7.914	113	357048	46.726	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.460%
50) Toluene-d8	10.338	98	1477929	51.564	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.120%
62) 4-Bromofluorobenzene	12.626	95	557674	59.183	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	118.360%

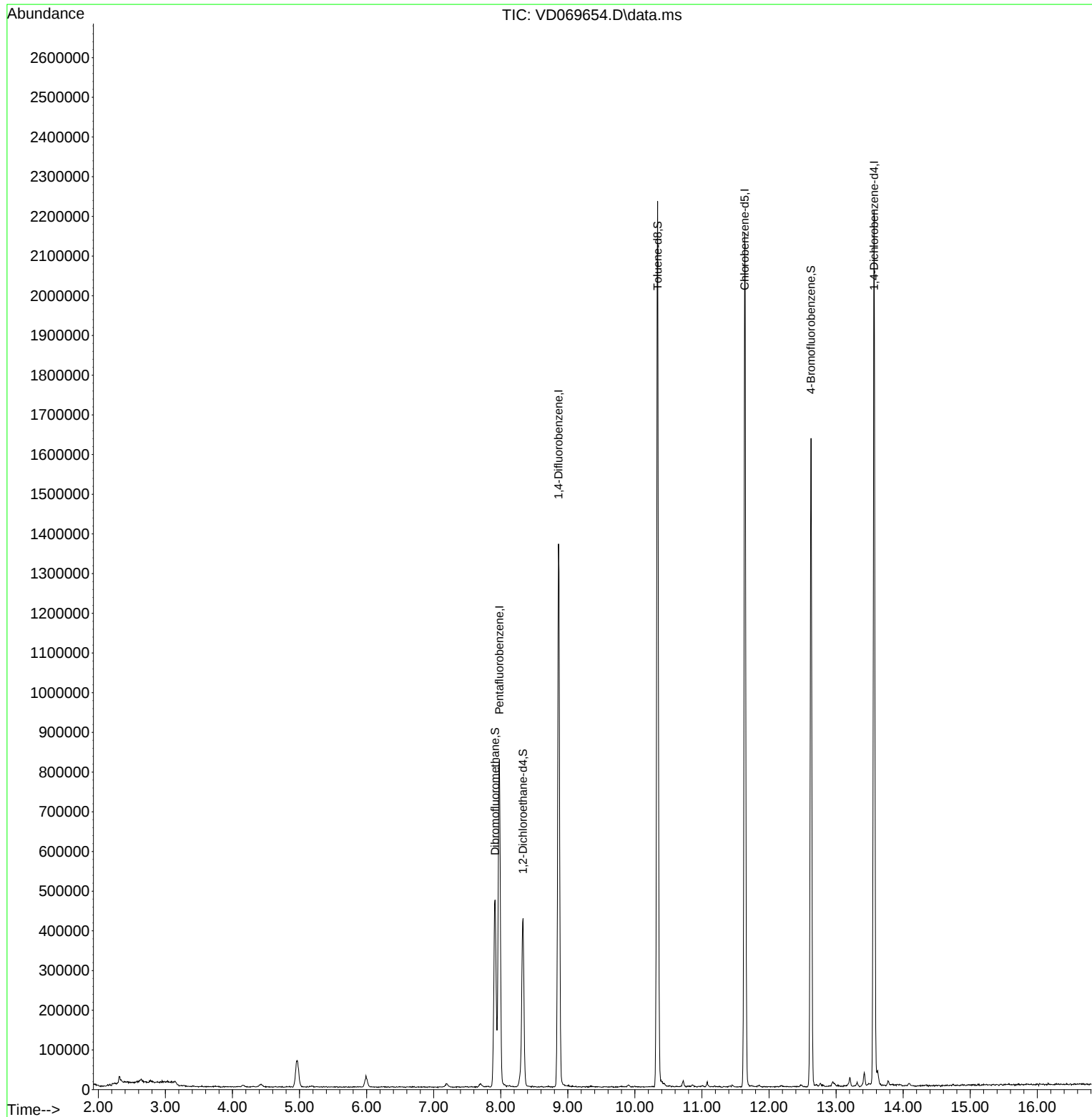
Target Compounds	Qvalue

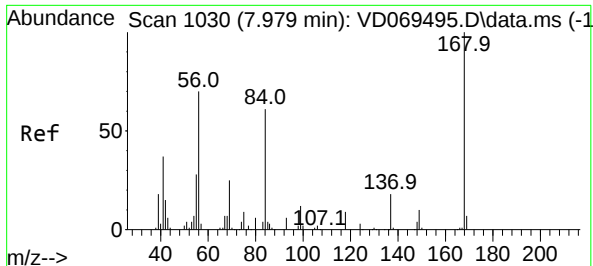
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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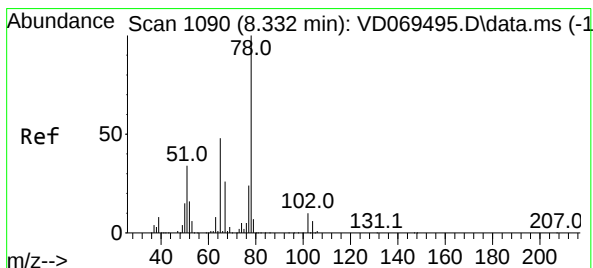
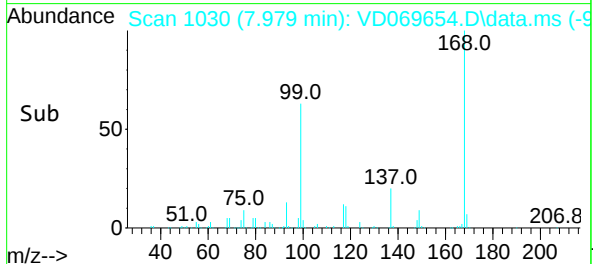
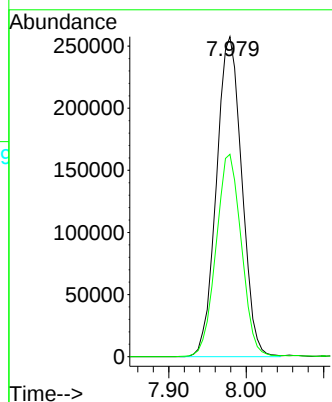
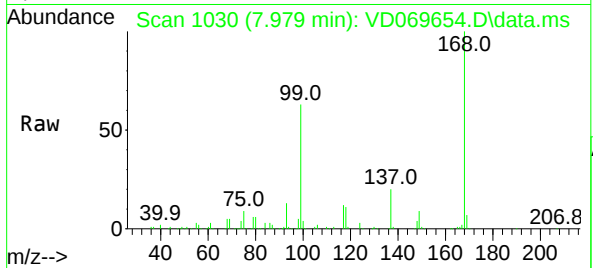




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069654.D
Acq: 09 Jul 2021 18:55

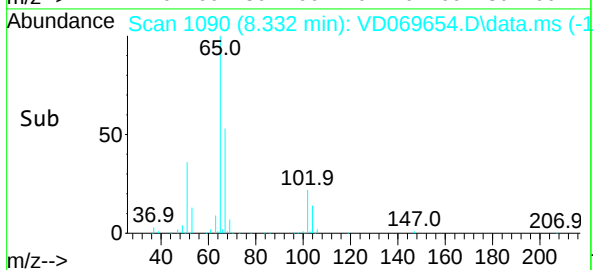
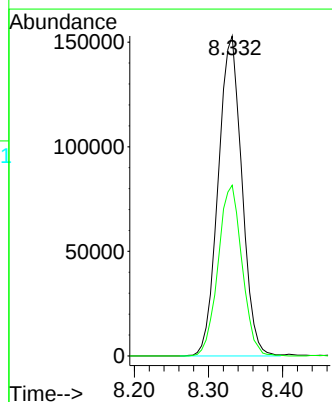
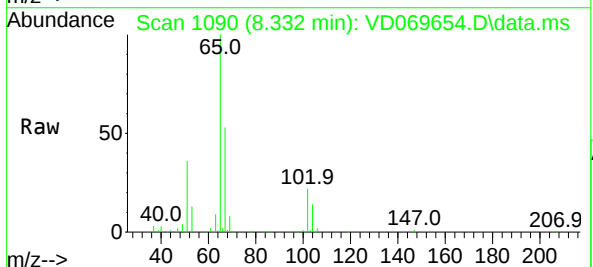
Instrument :
MSVOA_D
ClientSampleId :
TP-E

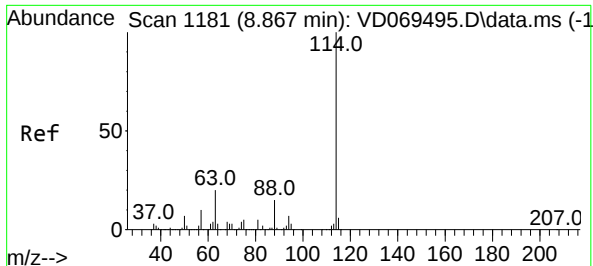
Tgt Ion:168 Resp: 586690
Ion Ratio Lower Upper
168 100
99 63.1 49.3 73.9



#33
1,2-Dichloroethane-d4
Concen: 46.373 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069654.D
Acq: 09 Jul 2021 18:55

Tgt Ion: 65 Resp: 339125
Ion Ratio Lower Upper
65 100
67 54.0 0.0 105.6



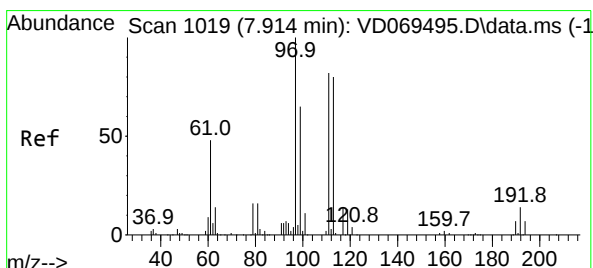
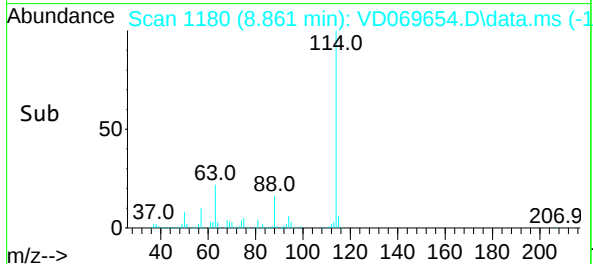
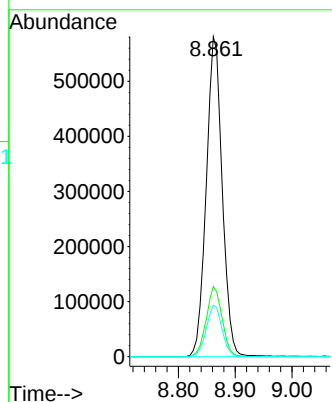
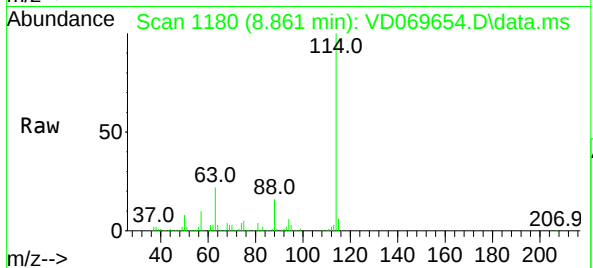


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069654.D
Acq: 09 Jul 2021 18:55

Instrument :
MSVOA_D
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TP-E

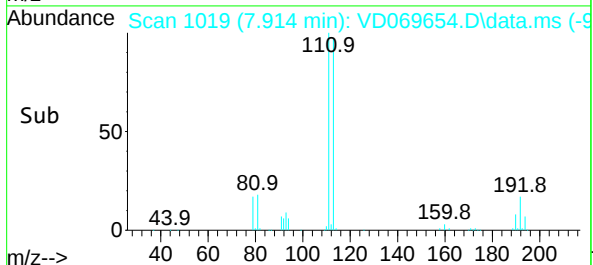
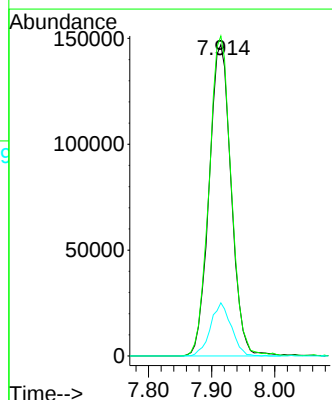
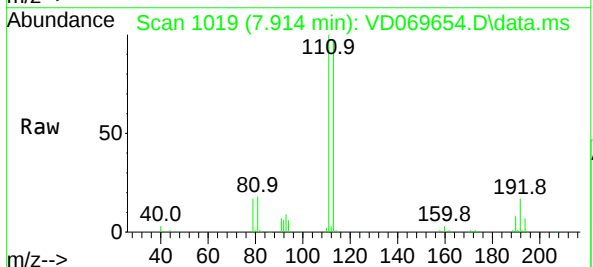
Tgt Ion:114 Resp: 1130412
Ion Ratio Lower Upper
114 100
63 22.0 0.0 39.6
88 16.1 0.0 29.8

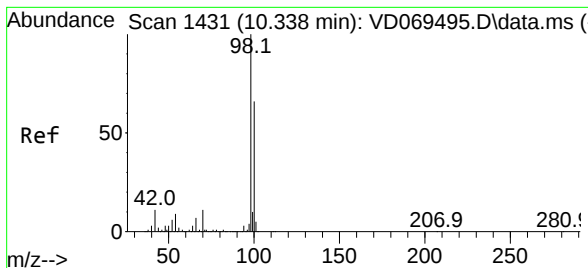


#35

Dibromofluoromethane
Concen: 46.726 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069654.D
Acq: 09 Jul 2021 18:55

Tgt Ion:113 Resp: 357048
Ion Ratio Lower Upper
113 100
111 102.9 81.8 122.8
192 16.1 13.8 20.6

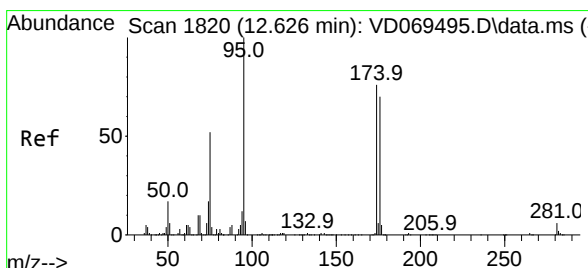
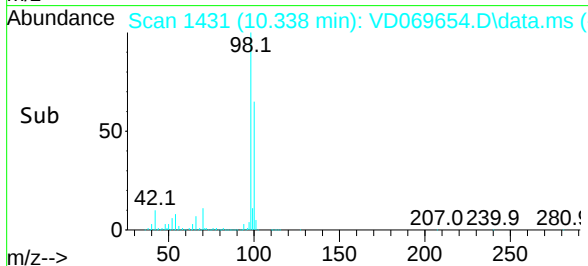
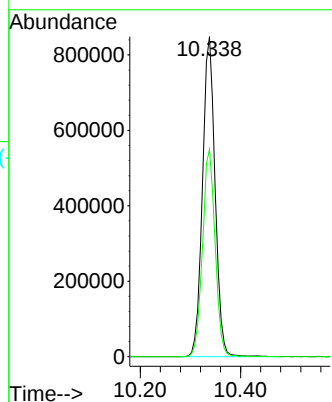
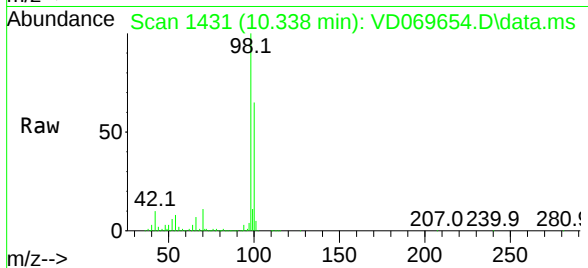




#50
Toluene-d8
Concen: 51.564 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069654.D
Acq: 09 Jul 2021 18:55

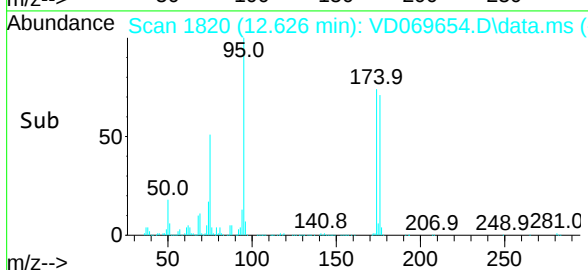
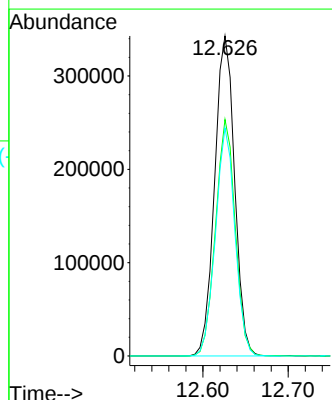
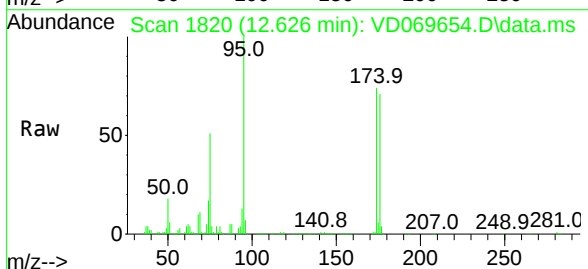
Instrument :
MSVOA_D
ClientSampleId :
TP-E

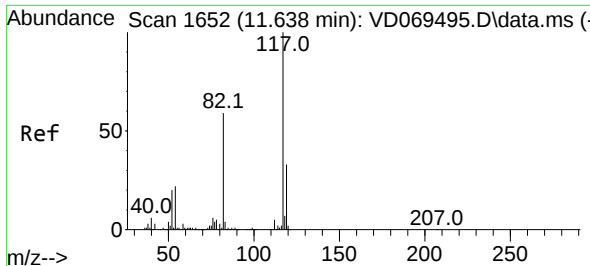
Tgt Ion: 98 Resp: 1477929
Ion Ratio Lower Upper
98 100
100 64.9 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 59.183 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069654.D
Acq: 09 Jul 2021 18:55

Tgt Ion: 95 Resp: 557674
Ion Ratio Lower Upper
95 100
174 72.7 0.0 148.0
176 69.6 0.0 139.8

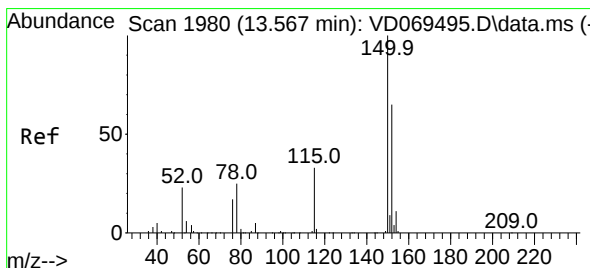
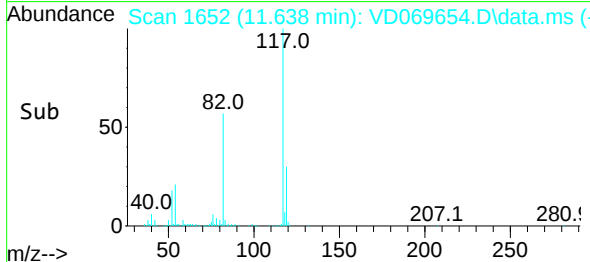
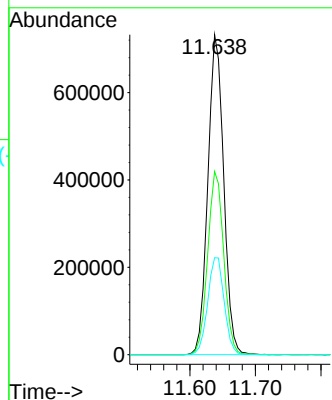
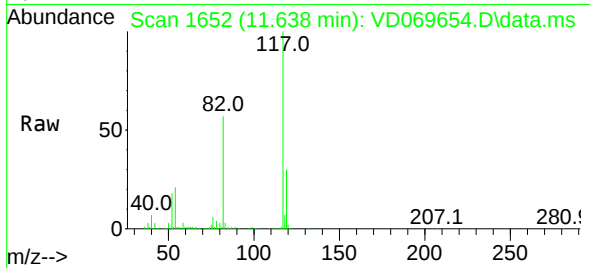




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069654.D
Acq: 09 Jul 2021 18:55

Instrument :
MSVOA_D
ClientSampleId :
TP-E

Tgt Ion:117 Resp: 1230720
Ion Ratio Lower Upper
117 100
82 57.2 46.8 70.2
119 30.3 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: VD069654.D
Acq: 09 Jul 2021 18:55

Tgt Ion:152 Resp: 564027
Ion Ratio Lower Upper
152 100
115 62.9 31.7 95.1
150 156.2 0.0 350.8

