

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070921\
 Data File : VD069650.D
 Acq On : 09 Jul 2021 17:00
 Operator : VA/SY
 Sample : M2990-04
 Misc : 4.73G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-G

Quant Time: Jul 10 02:55:44 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	617827	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1198254	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1304115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	612164	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	374634	48.647	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.300%
35) Dibromofluoromethane	7.914	113	379262	46.823	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.640%
50) Toluene-d8	10.338	98	1582486	52.086	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.180%
62) 4-Bromofluorobenzene	12.626	95	617291	61.801	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	123.600%

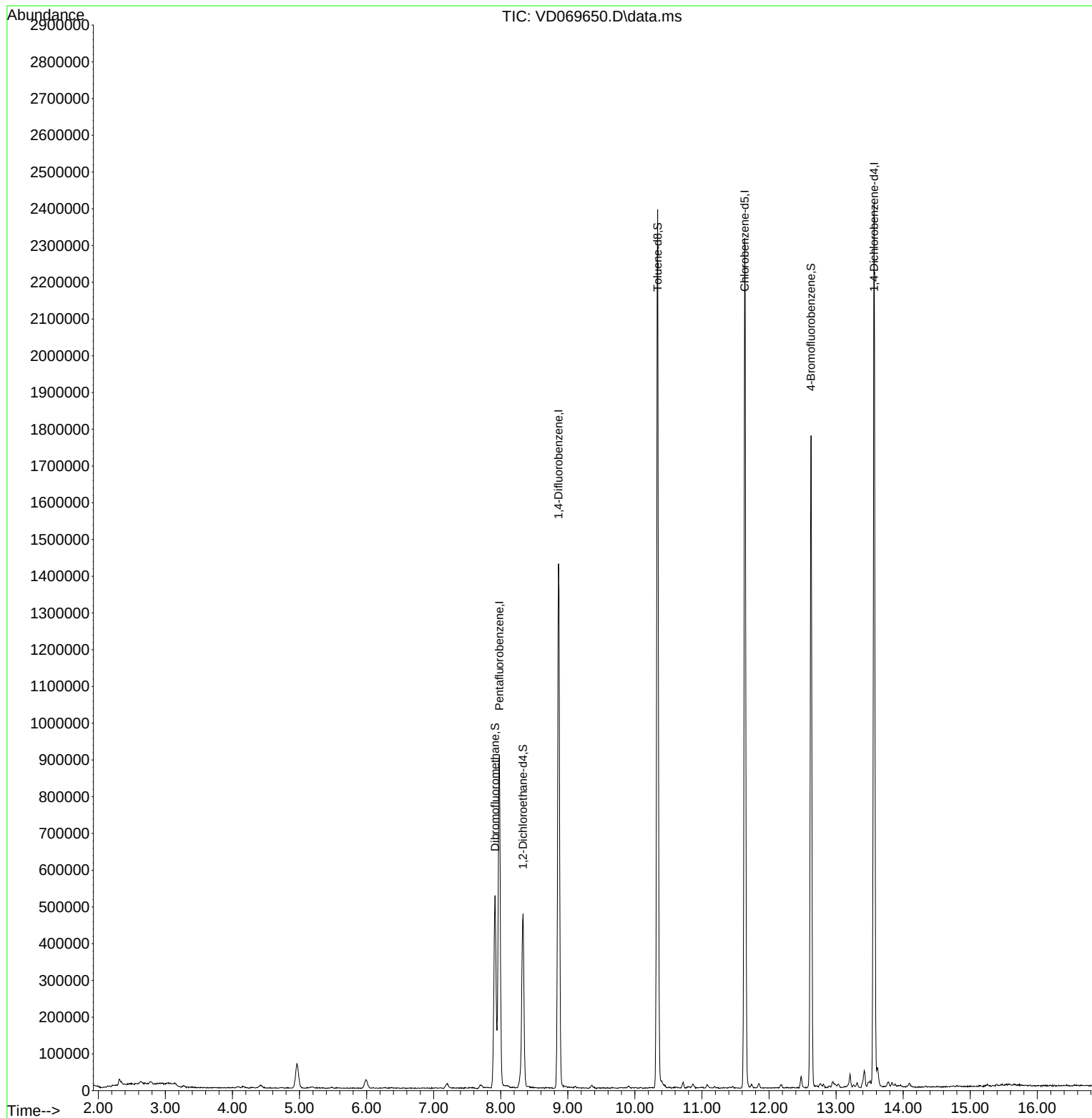
Target Compounds	Qvalue

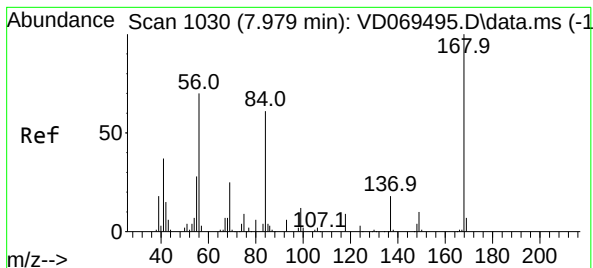
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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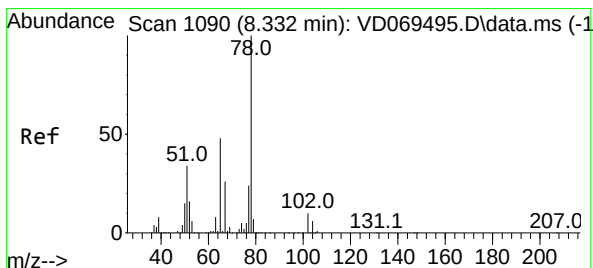
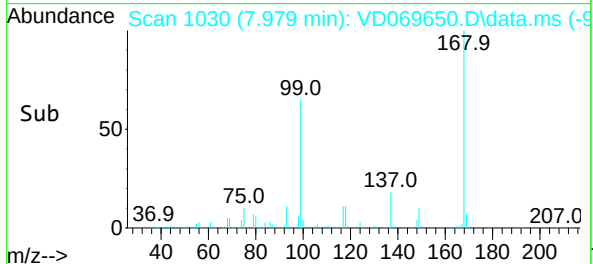
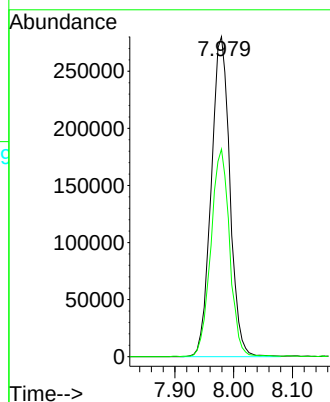
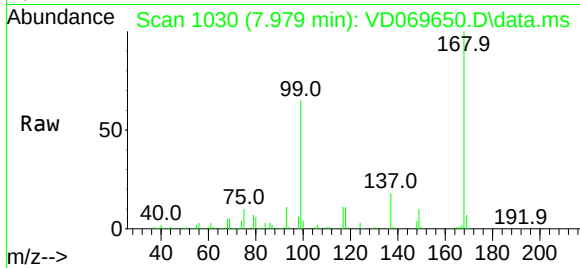




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069650.D
Acq: 09 Jul 2021 17:00

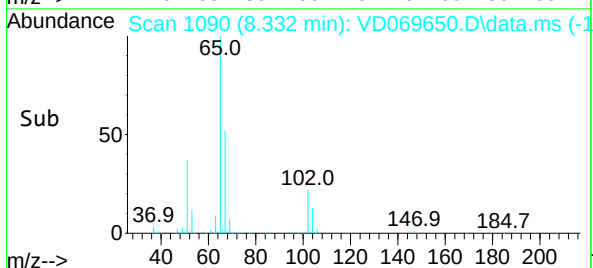
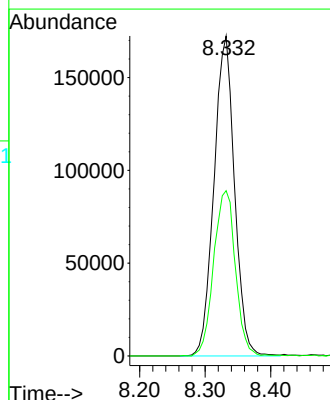
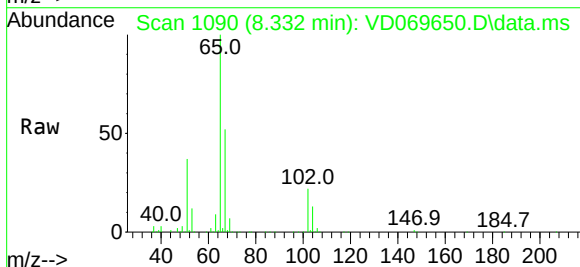
Instrument :
MSVOA_D
ClientSampleId :
TP-G

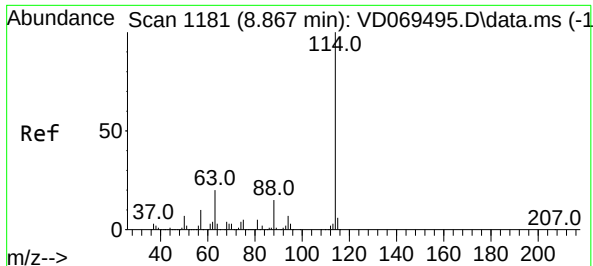
Tgt Ion:168 Resp: 617827
Ion Ratio Lower Upper
168 100
99 64.8 49.3 73.9



#33
1,2-Dichloroethane-d4
Concen: 48.647 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069650.D
Acq: 09 Jul 2021 17:00

Tgt Ion: 65 Resp: 374634
Ion Ratio Lower Upper
65 100
67 54.6 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

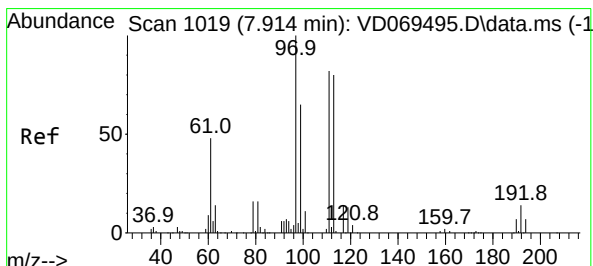
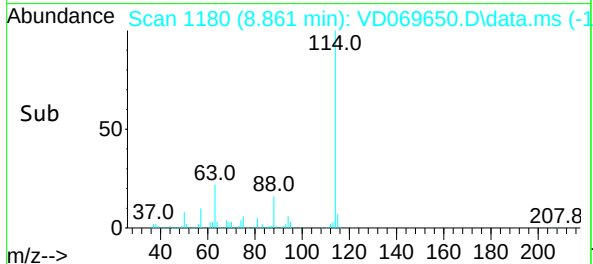
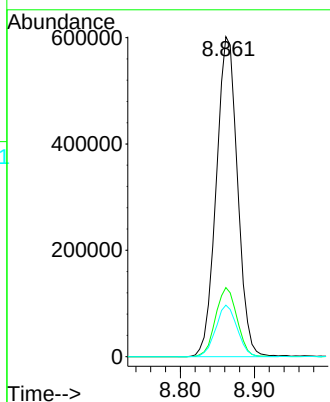
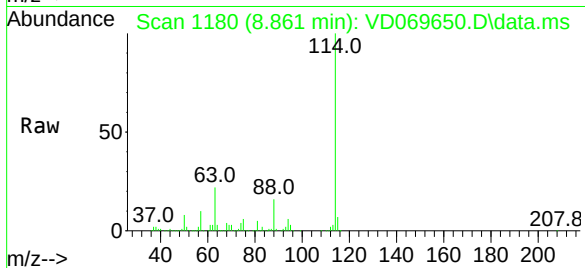
Delta R.T. -0.006 min

Lab File: VD069650.D

Acq: 09 Jul 2021 17:00

Tgt Ion:114 Resp: 1198254

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	39.6
88	16.1	0.0	29.8



#35

Dibromofluoromethane

Concen: 46.823 ug/l

RT: 7.914 min Scan# 1019

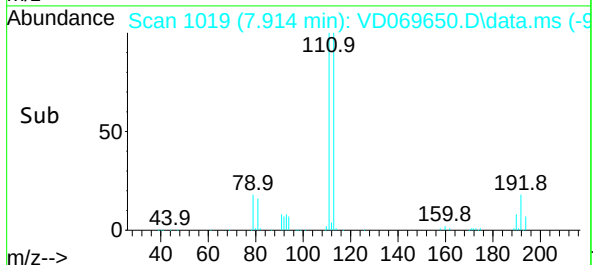
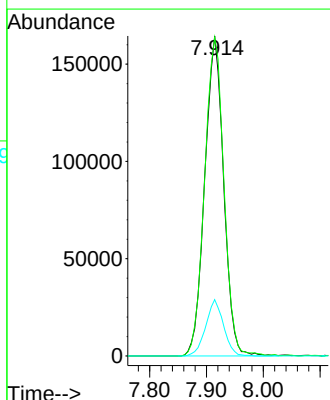
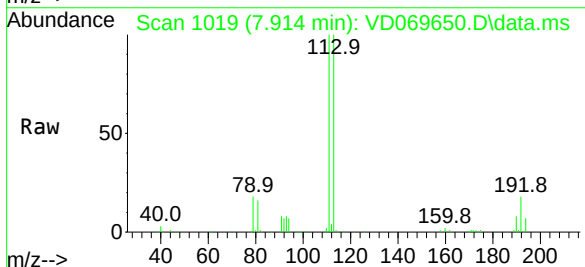
Delta R.T. -0.000 min

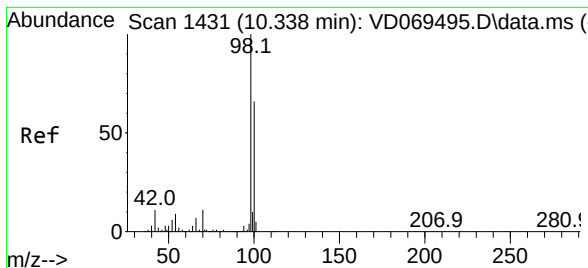
Lab File: VD069650.D

Acq: 09 Jul 2021 17:00

Tgt Ion:113 Resp: 379262

Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.8	122.8
192	16.6	13.8	20.6

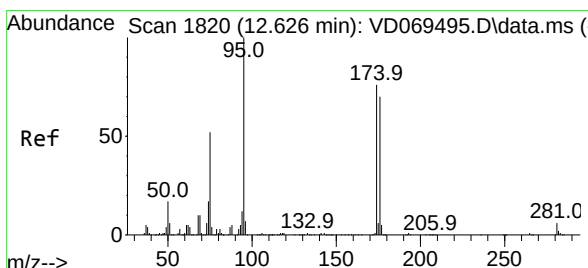
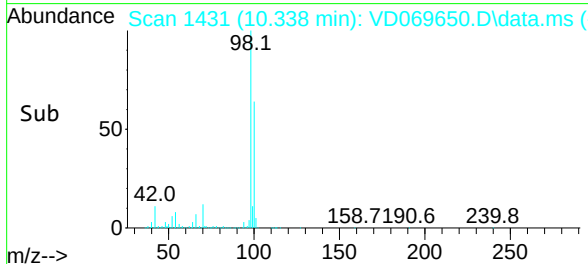
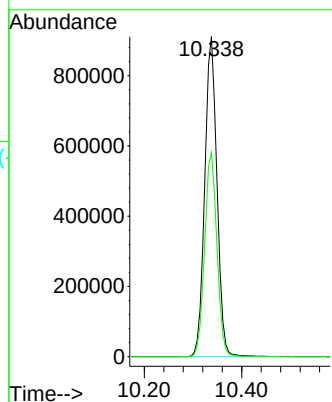
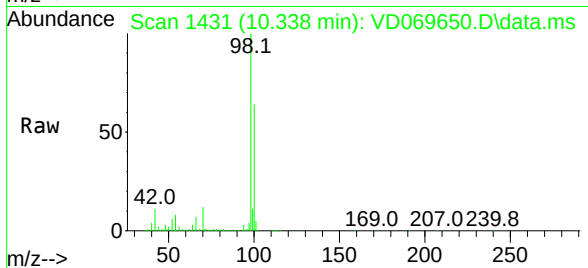




#50
Toluene-d8
Concen: 52.086 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069650.D
Acq: 09 Jul 2021 17:00

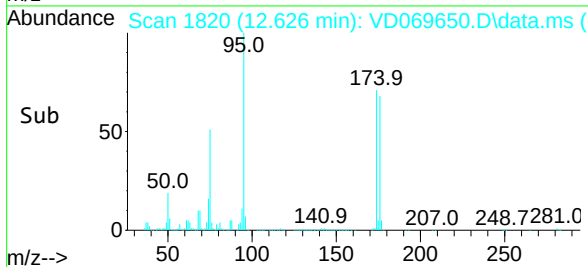
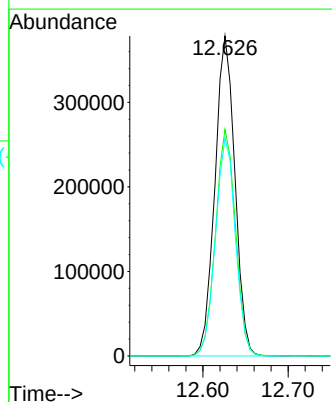
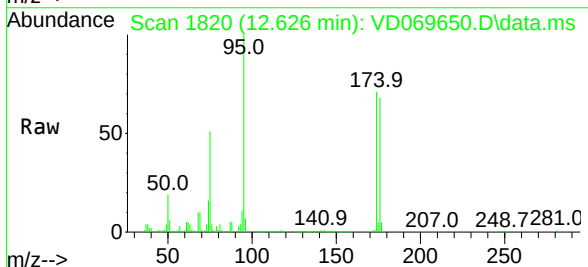
Instrument :
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TP-G

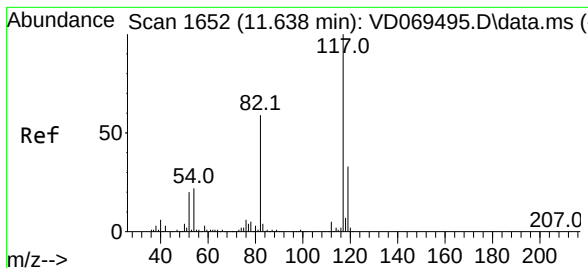
Tgt Ion: 98 Resp: 1582486
Ion Ratio Lower Upper
98 100
100 64.2 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 61.801 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069650.D
Acq: 09 Jul 2021 17:00

Tgt Ion: 95 Resp: 617291
Ion Ratio Lower Upper
95 100
174 70.9 0.0 148.0
176 67.7 0.0 139.8

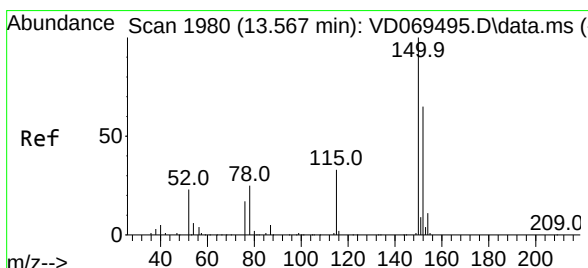
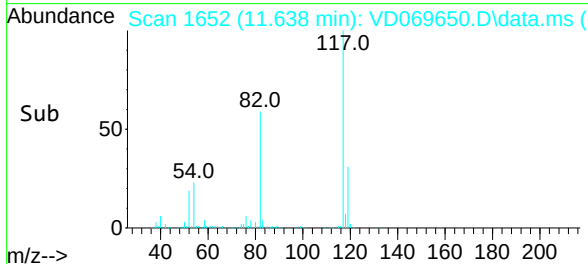
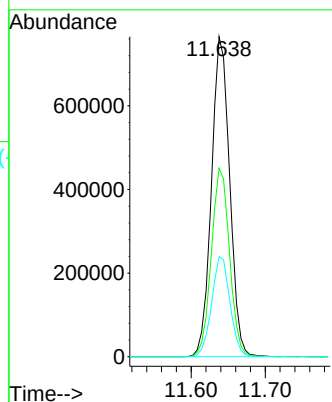
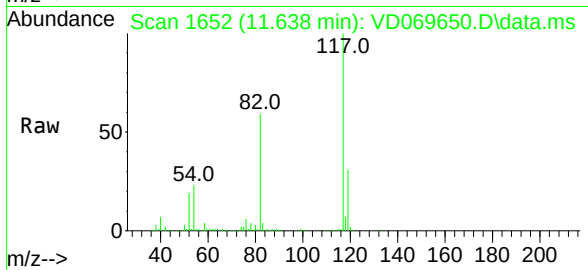




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069650.D
Acq: 09 Jul 2021 17:00

Instrument :
MSVOA_D
ClientSampleId :
TP-G

Tgt Ion:117 Resp: 1304115
Ion Ratio Lower Upper
117 100
82 59.0 46.8 70.2
119 31.3 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: VD069650.D
Acq: 09 Jul 2021 17:00

Tgt Ion:152 Resp: 612164
Ion Ratio Lower Upper
152 100
115 63.8 31.7 95.1
150 157.7 0.0 350.8

