

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073021\
 Data File : VD069932.D
 Acq On : 30 Jul 2021 12:09
 Operator : VA/SY
 Sample : M3235-01
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-457-COMP

Quant Time: Jul 31 00:36:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	40657	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	70835	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	70231	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	27374	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	41439	88.622	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	177.240%#
35) Dibromofluoromethane	7.908	113	25671	57.488	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.980%
50) Toluene-d8	10.332	98	88961	51.666	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.340%
62) 4-Bromofluorobenzene	12.626	95	27811	48.329	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.660%

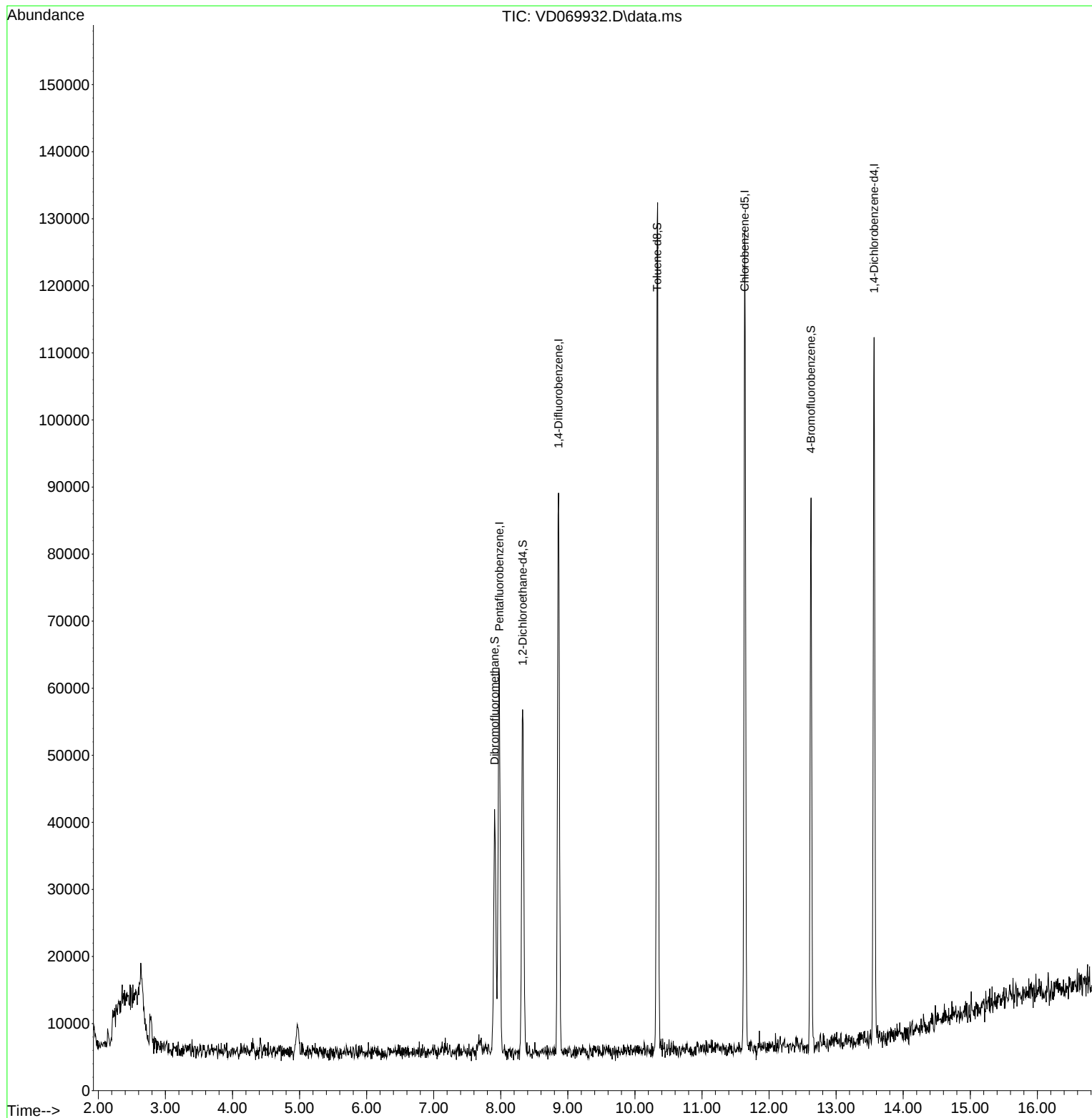
Target Compounds	Qvalue

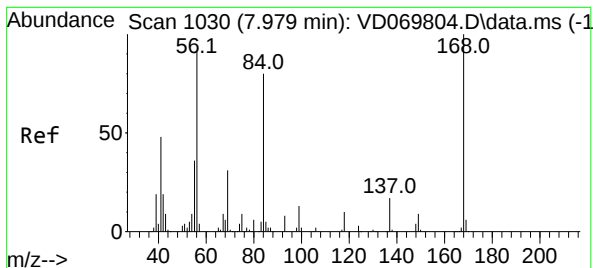
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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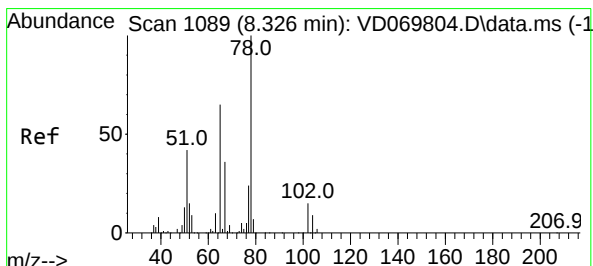
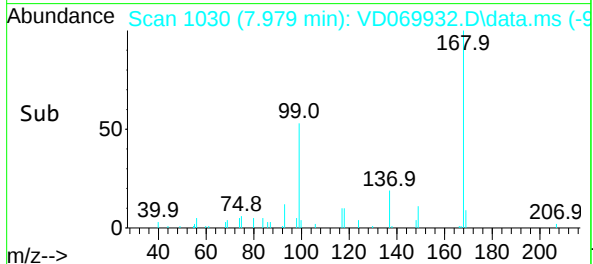
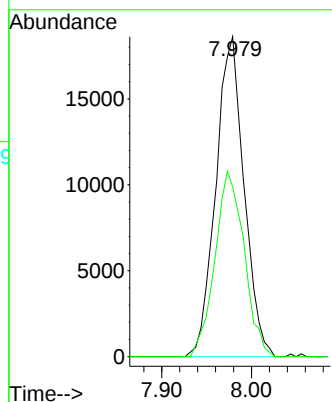
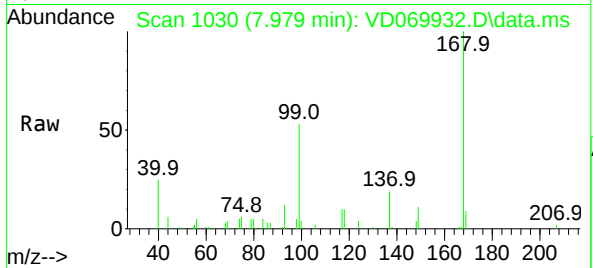




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069932.D
Acq: 30 Jul 2021 12:09

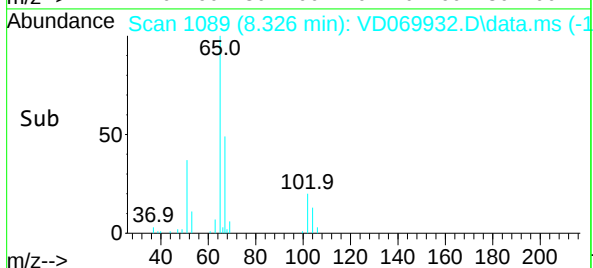
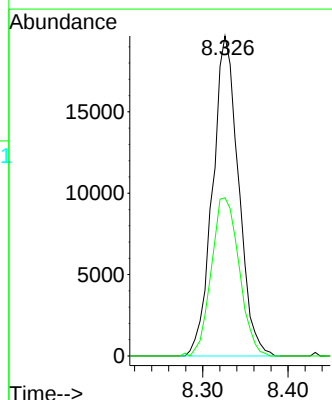
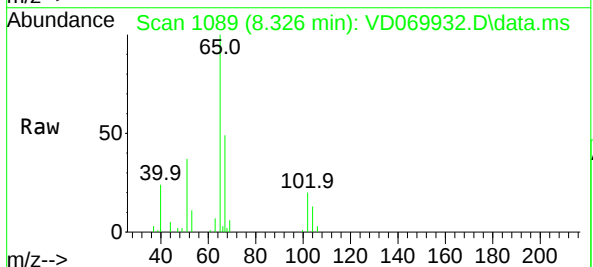
Instrument :
MSVOA_D
ClientSampleId :
MH-457-COMP

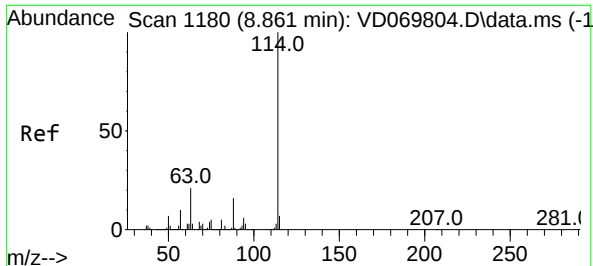
Tgt Ion:168 Resp: 40657
Ion Ratio Lower Upper
168 100
99 53.0 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 88.622 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD069932.D
Acq: 30 Jul 2021 12:09

Tgt Ion: 65 Resp: 41439
Ion Ratio Lower Upper
65 100
67 53.2 0.0 111.2

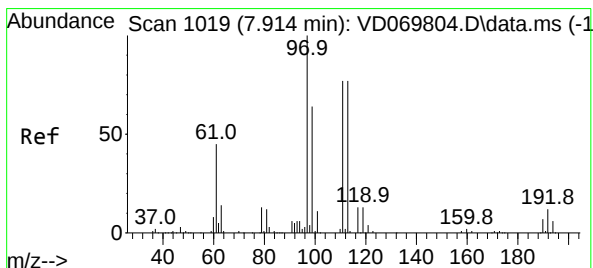
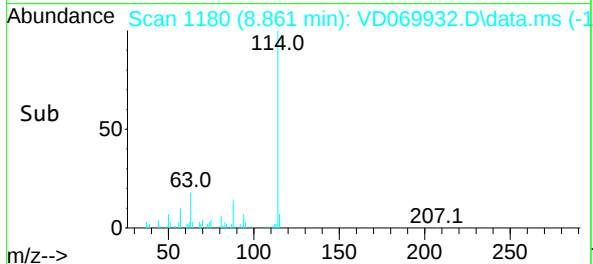
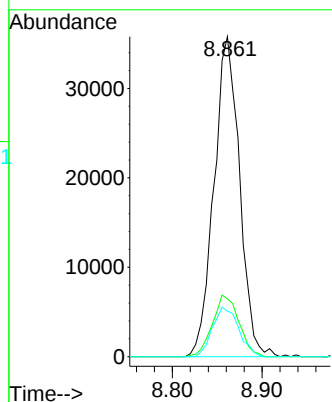
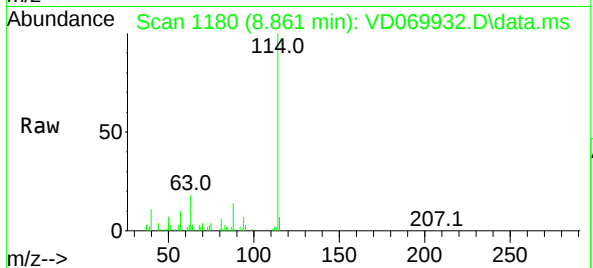




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069932.D
Acq: 30 Jul 2021 12:09

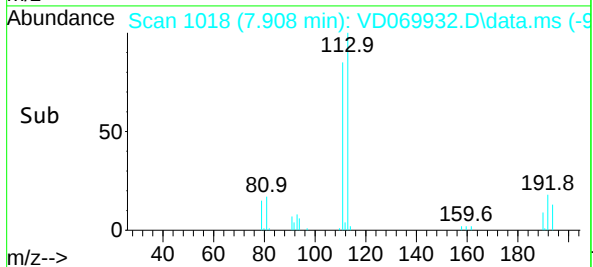
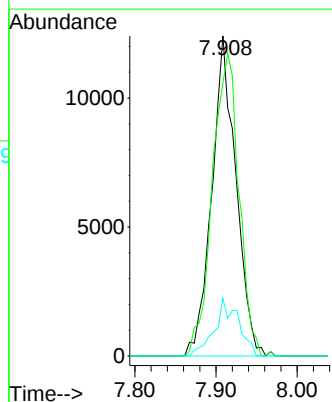
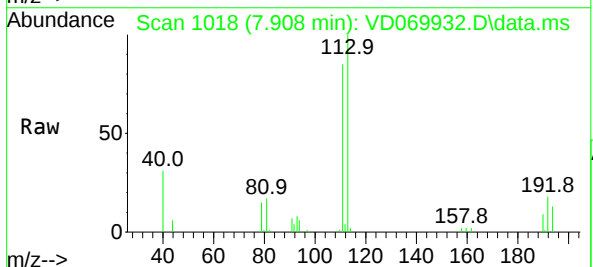
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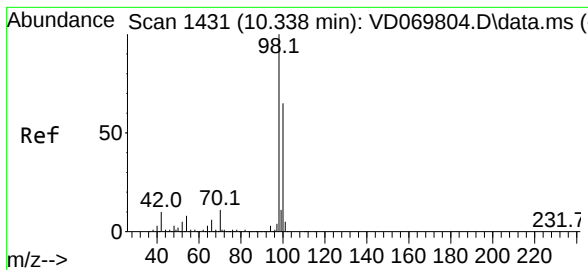
Tgt Ion:	114	Resp:	70835
Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	41.6
88	14.2	0.0	31.4



#35
Dibromofluoromethane
Concen: 57.488 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD069932.D
Acq: 30 Jul 2021 12:09

Tgt Ion:	113	Resp:	25671
Ion	Ratio	Lower	Upper
113	100		
111	104.2	80.5	120.7
192	17.8	12.6	19.0

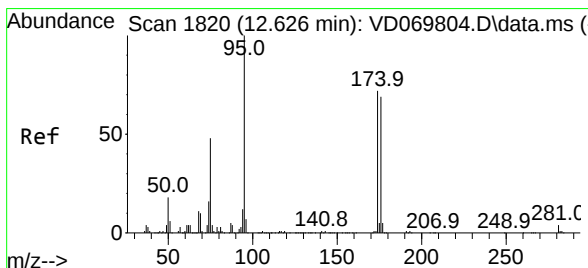
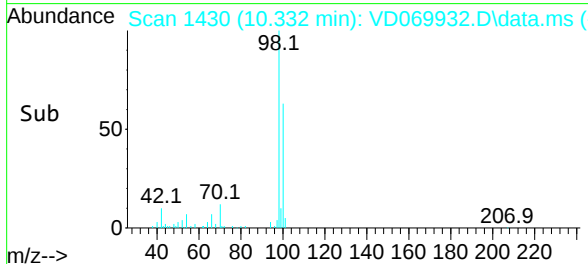
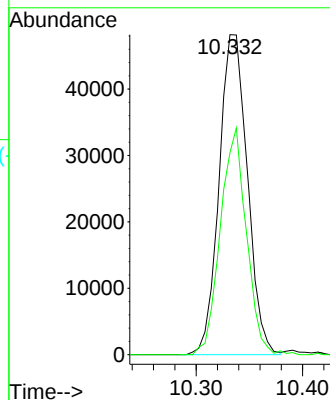
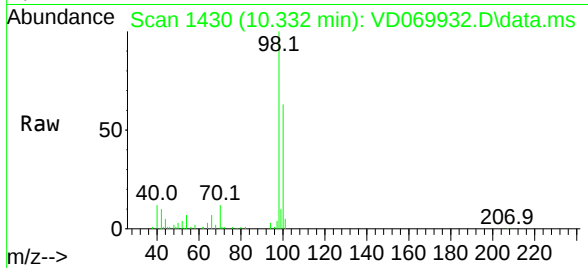




#50
Toluene-d8
Concen: 51.666 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD069932.D
Acq: 30 Jul 2021 12:09

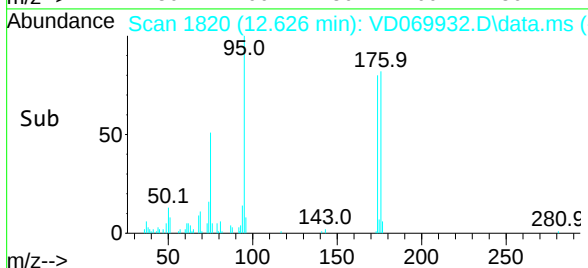
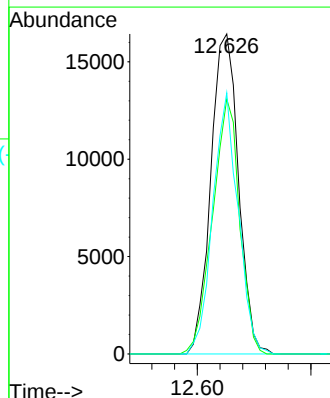
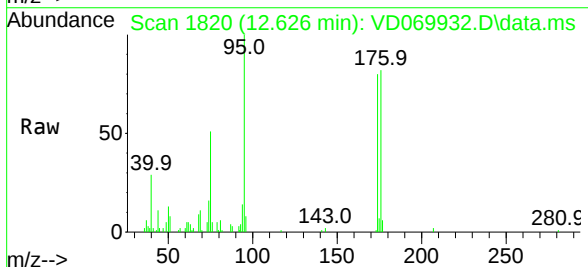
Instrument :
MSVOA_D
ClientSampleId :
MH-457-COMP

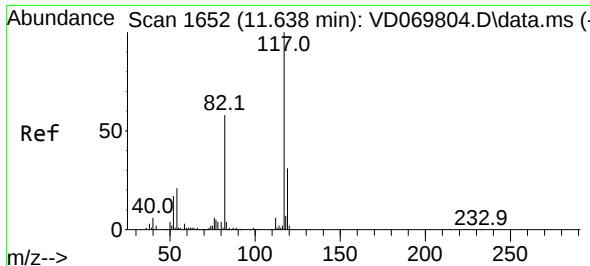
Tgt Ion: 98 Resp: 88961
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 48.329 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069932.D
Acq: 30 Jul 2021 12:09

Tgt Ion: 95 Resp: 27811
Ion Ratio Lower Upper
95 100
174 77.8 0.0 142.6
176 74.5 0.0 134.2

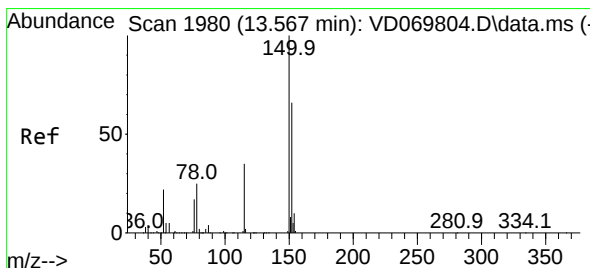
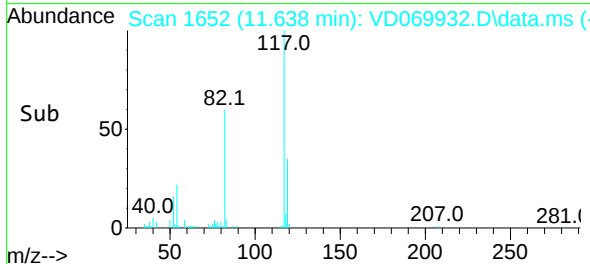
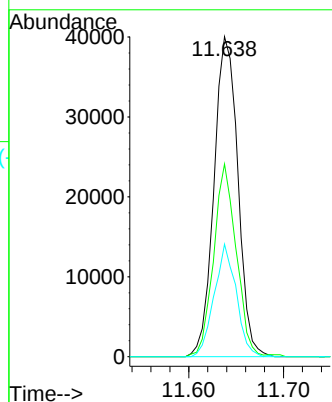
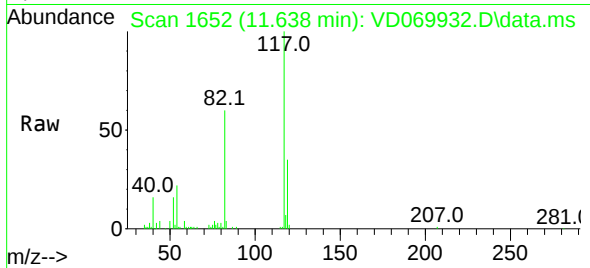




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069932.D
Acq: 30 Jul 2021 12:09

Instrument :
MSVOA_D
ClientSampleId :
MH-457-COMP

Tgt Ion:	117	Resp:	70231
Ion	Ratio	Lower	Upper
117	100		
82	60.2	46.3	69.5
119	35.1	24.7	37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069932.D
Acq: 30 Jul 2021 12:09

Tgt Ion:	152	Resp:	27374
Ion	Ratio	Lower	Upper
152	100		
115	62.4	31.1	93.3
150	158.7	0.0	343.0

