

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073021\
 Data File : VD069933.D
 Acq On : 30 Jul 2021 12:37
 Operator : VA/SY
 Sample : M3235-03
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-462-COMP

Quant Time: Jul 31 00:37:04 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	7.973	168	49759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	86238	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	87593	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	34029	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	50494	88.234	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	176.460%#
35) Dibromofluoromethane	7.914	113	32567	59.905	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	119.820%
50) Toluene-d8	10.332	98	108495	51.756	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.520%
62) 4-Bromofluorobenzene	12.626	95	35257	50.326	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.660%

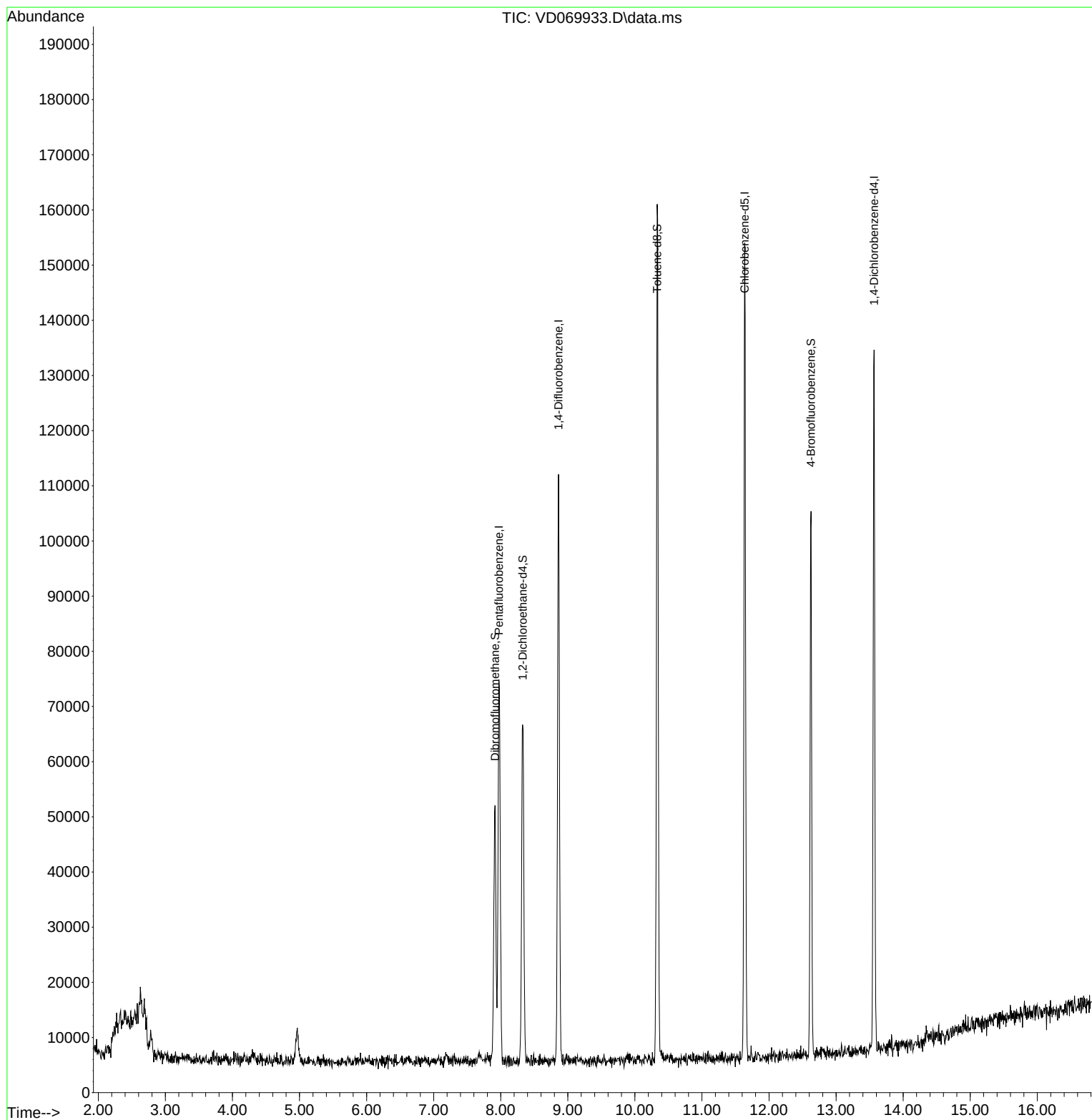
Target Compounds	Qvalue

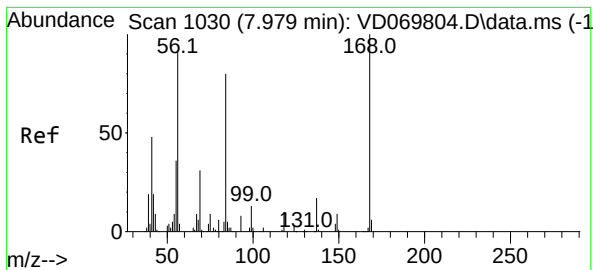
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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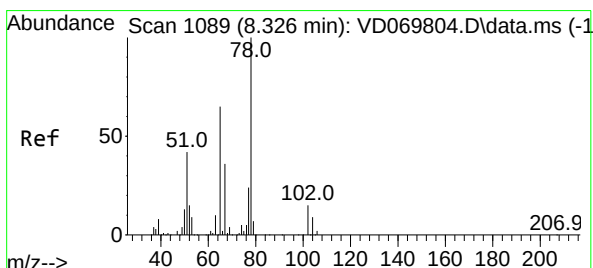
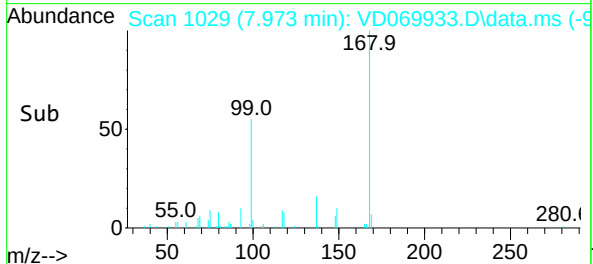
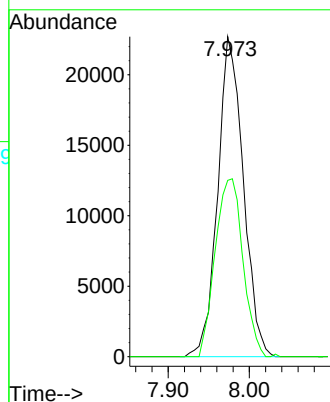
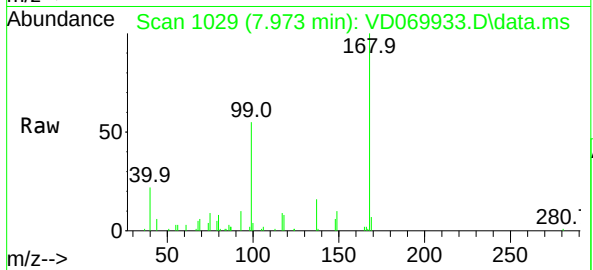




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD069933.D
Acq: 30 Jul 2021 12:37

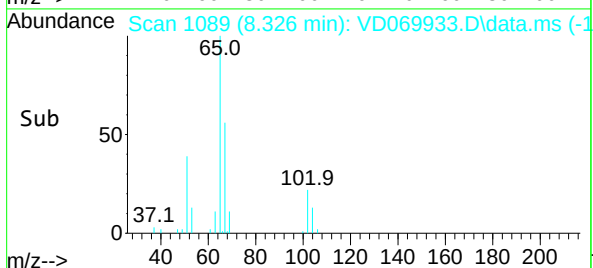
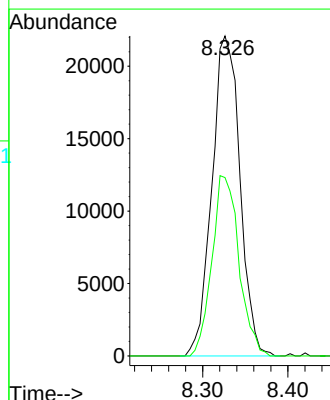
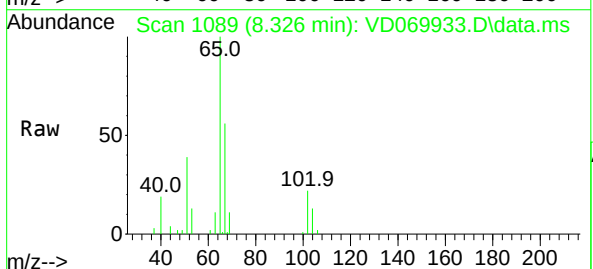
Instrument :
MSVOA_D
ClientSampleId :
MH-462-COMP

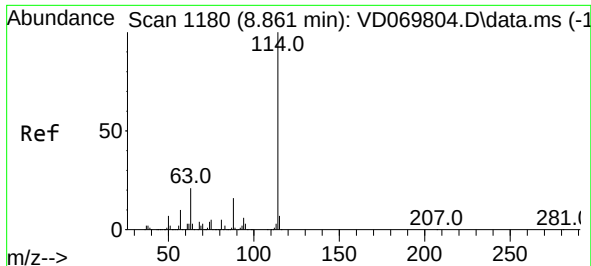
Tgt Ion:168 Resp: 49759
Ion Ratio Lower Upper
168 100
99 55.1 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 88.234 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD069933.D
Acq: 30 Jul 2021 12:37

Tgt Ion: 65 Resp: 50494
Ion Ratio Lower Upper
65 100
67 54.4 0.0 111.2

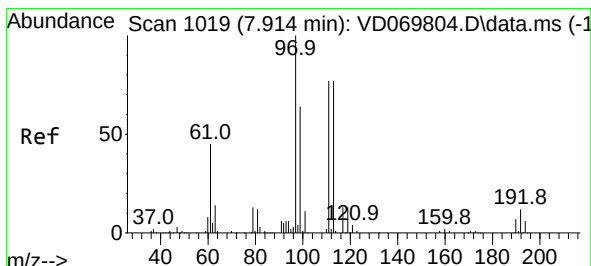
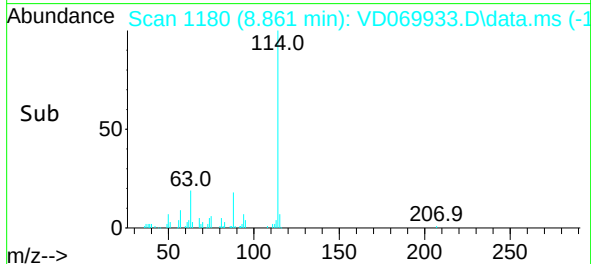
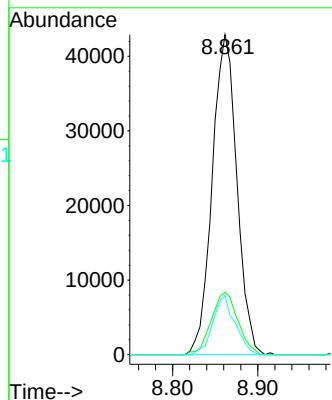
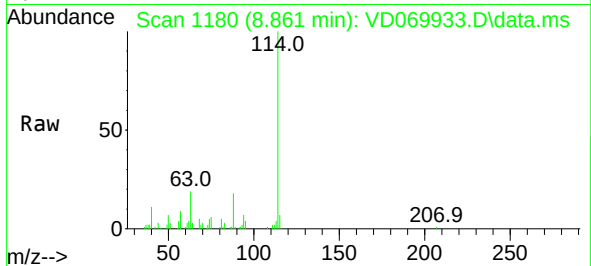




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069933.D
Acq: 30 Jul 2021 12:37

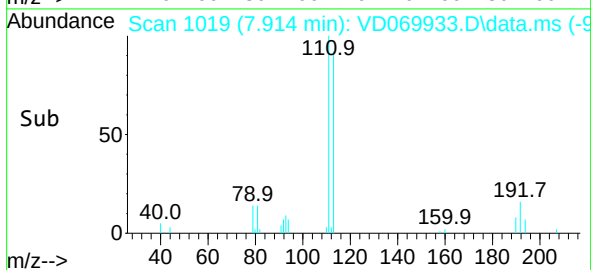
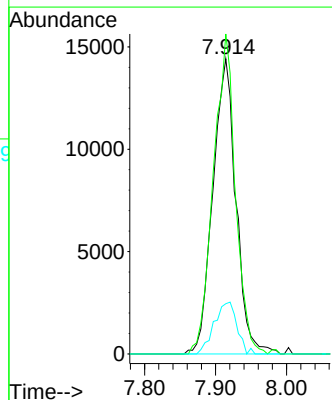
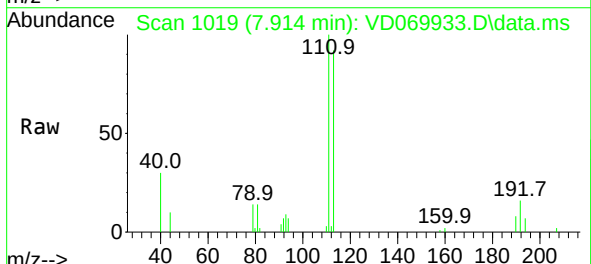
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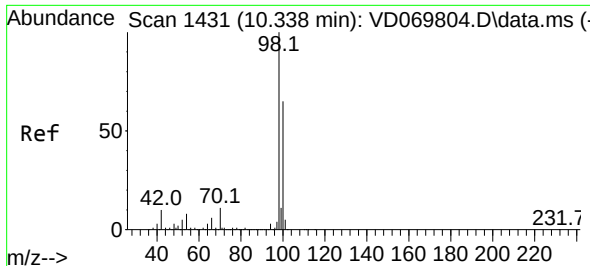
Tgt Ion:	114	Resp:	86238
Ion Ratio	Lower	Upper	
114	100		
63	19.5	0.0	41.6
88	18.5	0.0	31.4



#35
Dibromofluoromethane
Concen: 59.905 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069933.D
Acq: 30 Jul 2021 12:37

Tgt Ion:	113	Resp:	32567
Ion Ratio	Lower	Upper	
113	100		
111	103.2	80.5	120.7
192	17.2	12.6	19.0

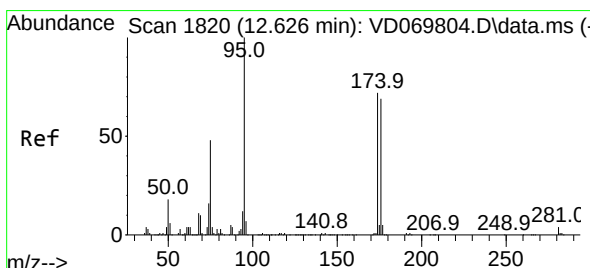
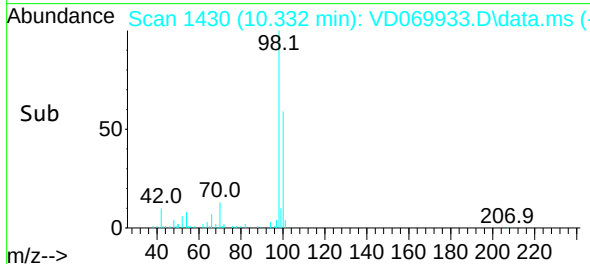
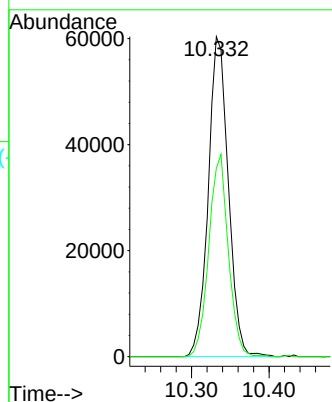
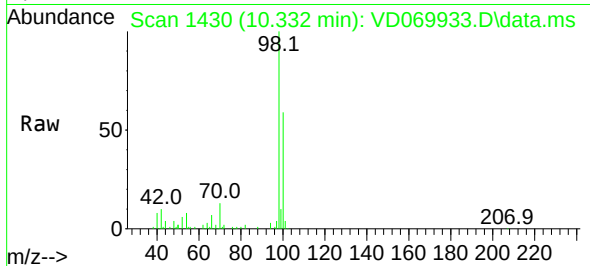




#50
Toluene-d8
Concen: 51.756 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD069933.D
Acq: 30 Jul 2021 12:37

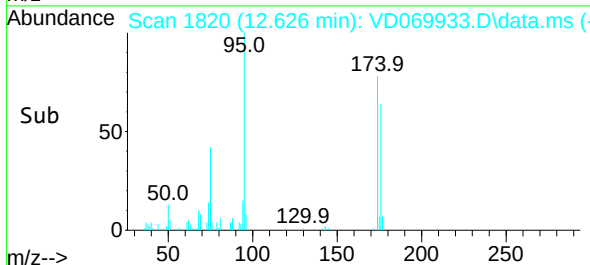
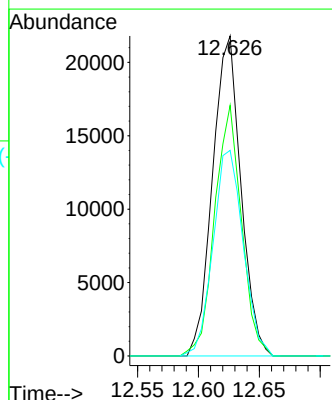
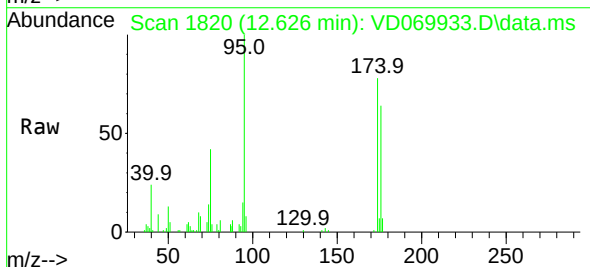
Instrument :
MSVOA_D
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MH-462-COMP

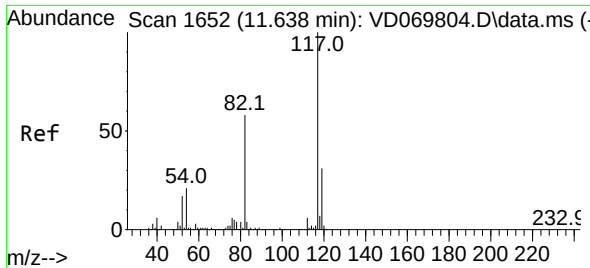
Tgt Ion: 98 Resp: 108495
Ion Ratio Lower Upper
98 100
100 61.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 50.326 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069933.D
Acq: 30 Jul 2021 12:37

Tgt Ion: 95 Resp: 35257
Ion Ratio Lower Upper
95 100
174 74.0 0.0 142.6
176 68.3 0.0 134.2

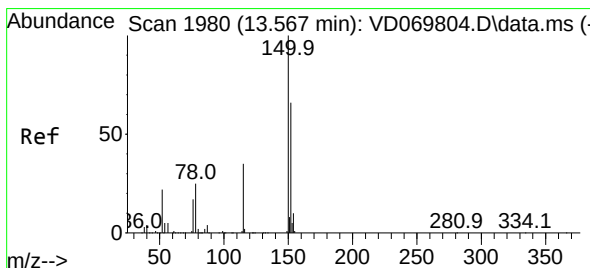
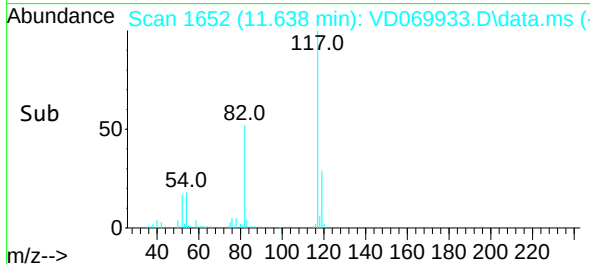
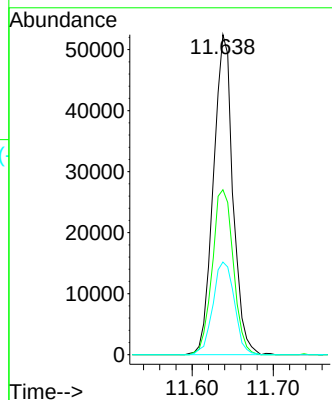
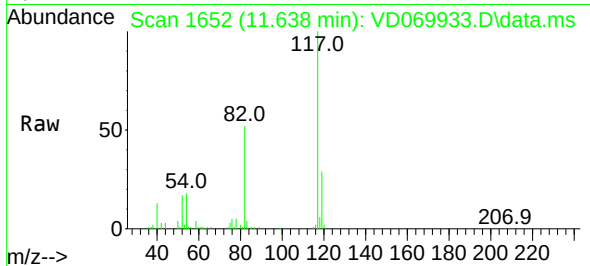




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD069933.D
Acq: 30 Jul 2021 12:37

Instrument :
MSVOA_D
ClientSampleId :
MH-462-COMP

Tgt Ion:117 Resp: 87593
Ion Ratio Lower Upper
117 100
82 51.5 46.3 69.5
119 29.0 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: VD069933.D
Acq: 30 Jul 2021 12:37

Tgt Ion:152 Resp: 34029
Ion Ratio Lower Upper
152 100
115 60.7 31.1 93.3
150 161.0 0.0 343.0

