

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072621\
 Data File : VD069848.D
 Acq On : 26 Jul 2021 15:26
 Operator : VA/SY
 Sample : M3170-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-02-072321

Quant Time: Jul 27 05:11:51 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	34823	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	62674	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	67149	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	29392	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	39961	99.779	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	199.560%#
35) Dibromofluoromethane	7.909	113	22324	56.503	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.000%
50) Toluene-d8	10.338	98	80731	52.992	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.980%
62) 4-Bromofluorobenzene	12.626	95	28811	56.587	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	113.180%

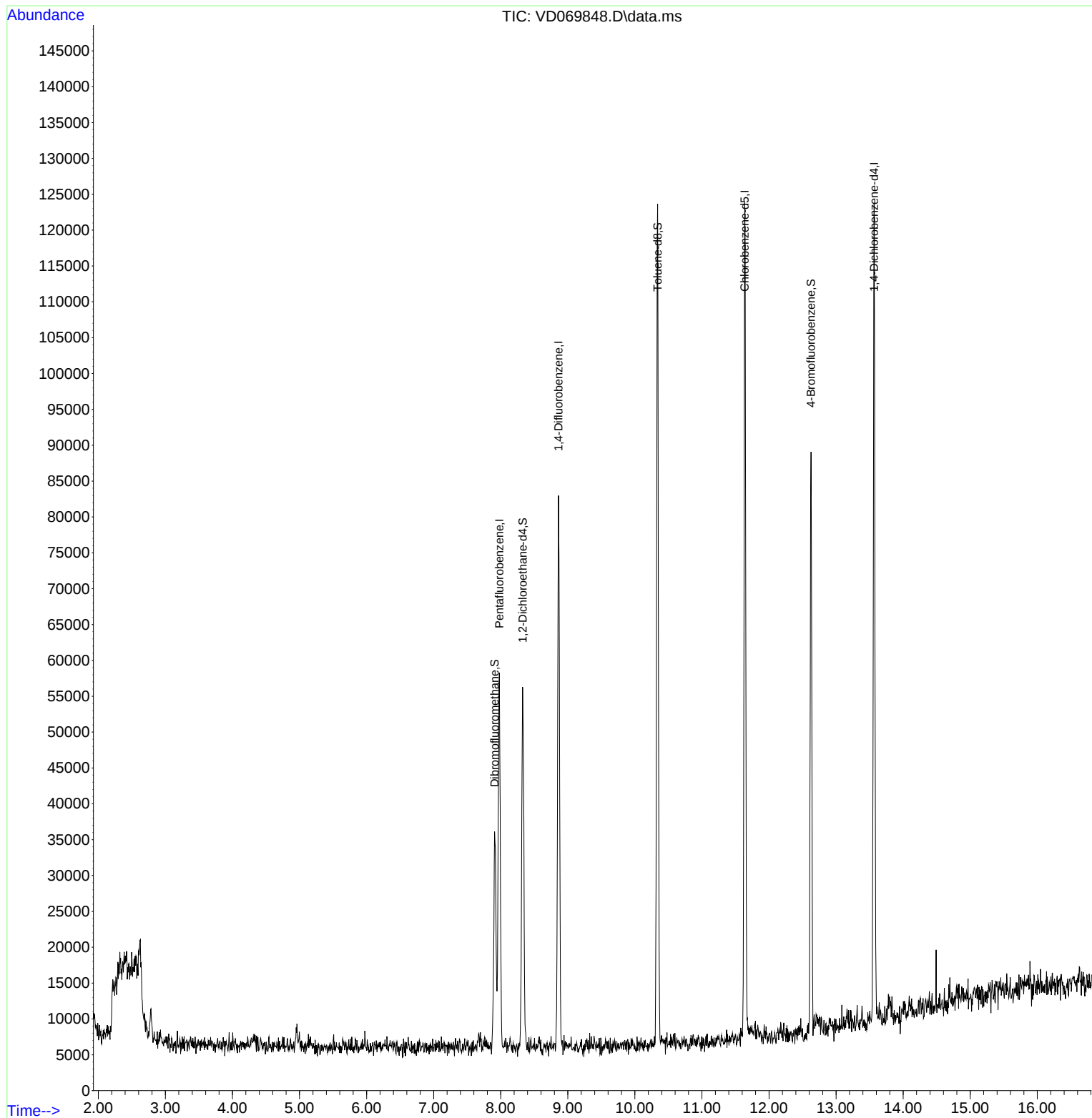
Target Compounds	Qvalue

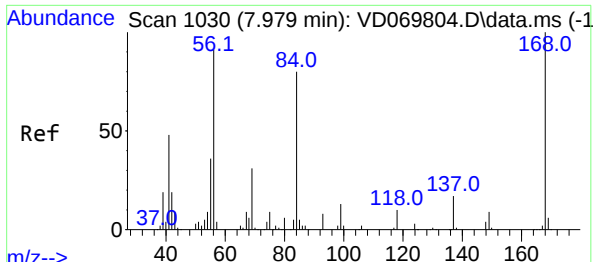
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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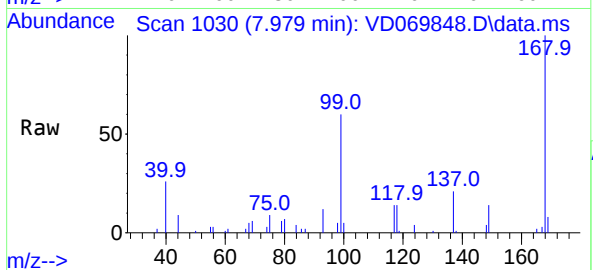
Quant Time: Jul 27 05:11:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
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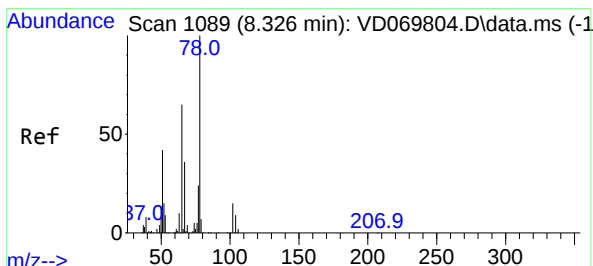
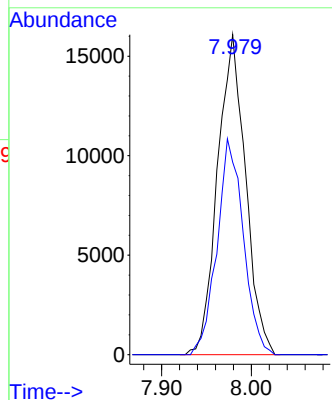
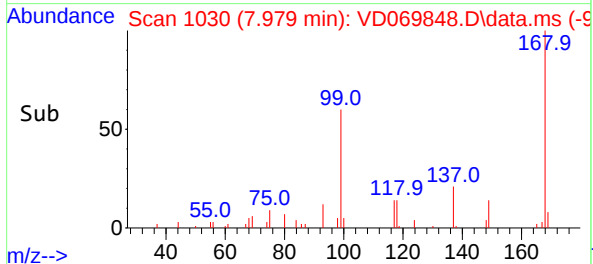


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069848.D
Acq: 26 Jul 2021 15:26

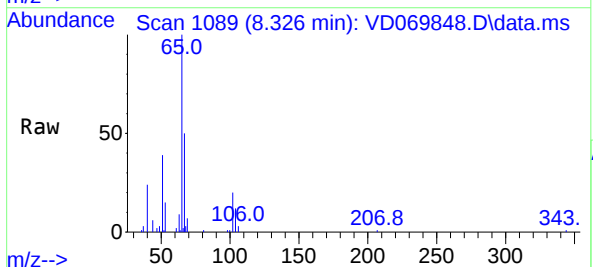
Instrument :
MSVOA_D
ClientSampleId :
SU-02-072321



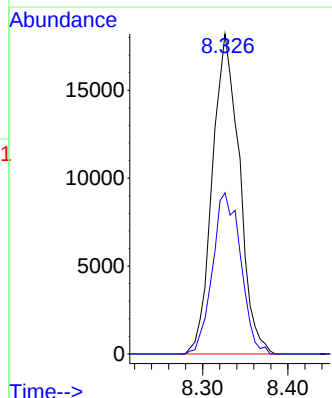
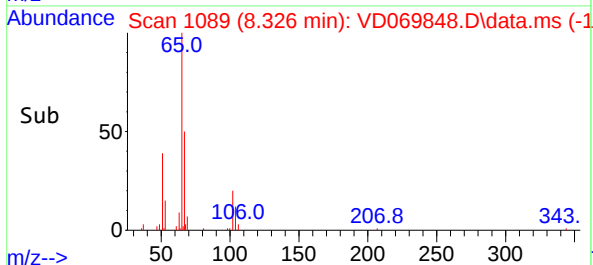
Tgt Ion:168 Resp: 34823
Ion Ratio Lower Upper
168 100
99 60.2 51.1 76.7

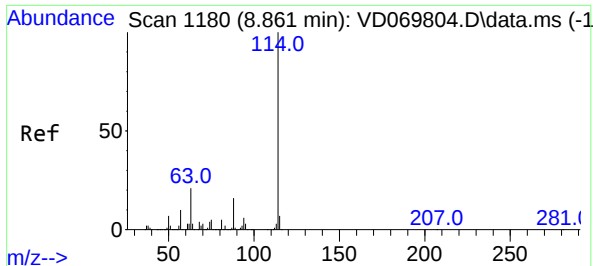


#33
1,2-Dichloroethane-d4
Concen: 99.779 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD069848.D
Acq: 26 Jul 2021 15:26



Tgt Ion: 65 Resp: 39961
Ion Ratio Lower Upper
65 100
67 52.6 0.0 111.2



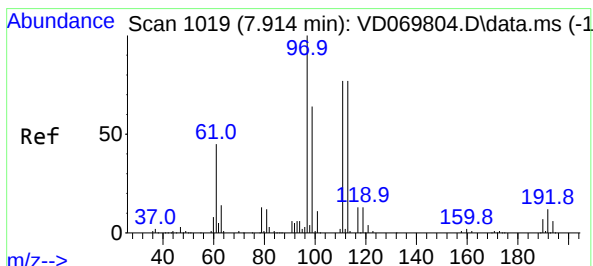
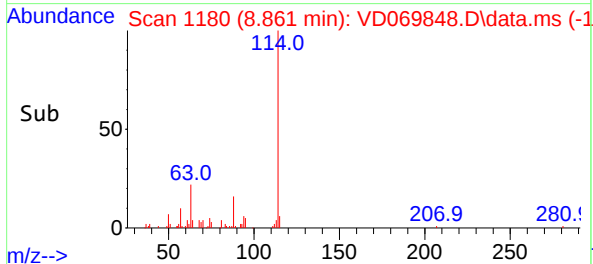
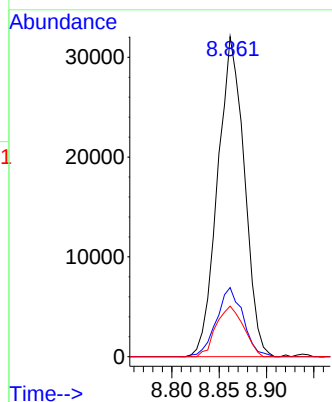
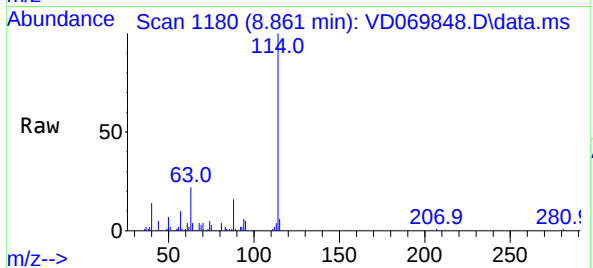


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069848.D
Acq: 26 Jul 2021 15:26

Instrument :
MSVOA_D
ClientSampleId :
SU-02-072321

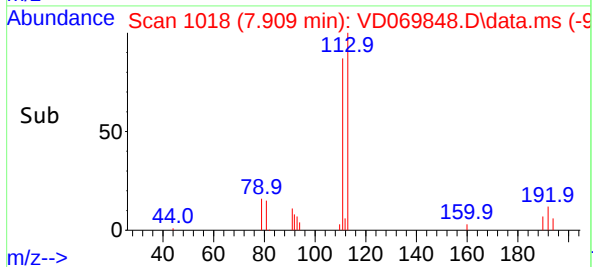
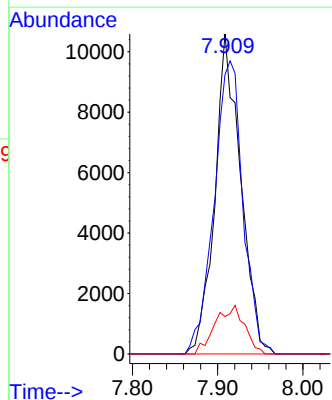
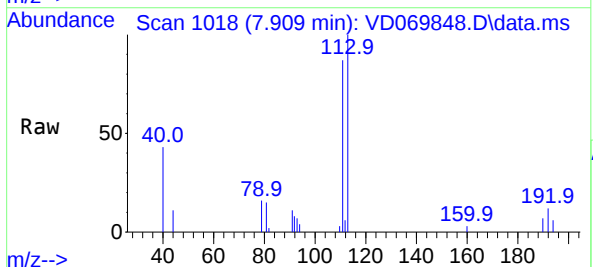
Tgt Ion:114	Resp:	62674
Ion	Ratio	Lower Upper
114	100	
63	21.6	0.0 41.6
88	15.8	0.0 31.4

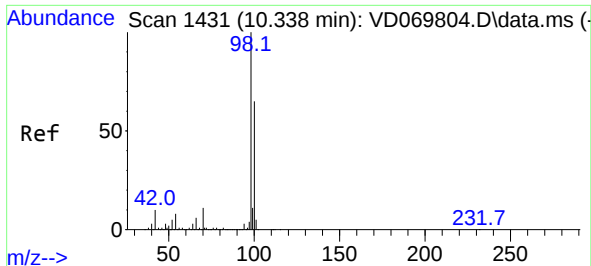


#35

Dibromofluoromethane
Concen: 56.503 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD069848.D
Acq: 26 Jul 2021 15:26

Tgt Ion:113	Resp:	22324
Ion	Ratio	Lower Upper
113	100	
111	102.3	80.5 120.7
192	17.2	12.6 19.0

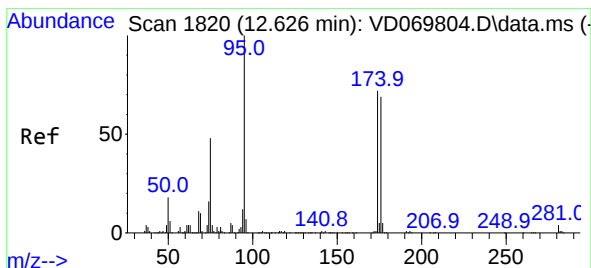
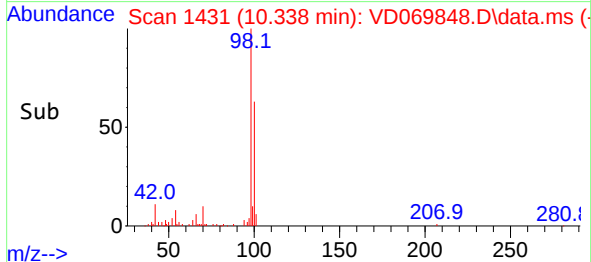
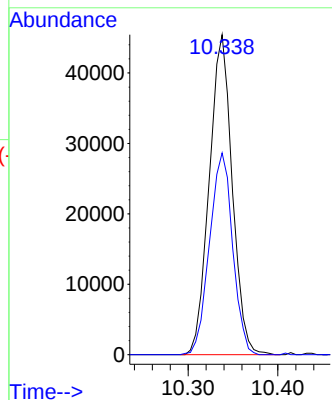
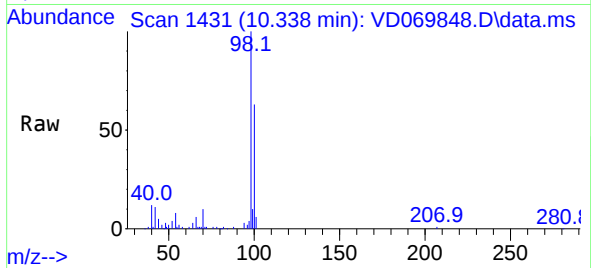




#50
Toluene-d8
Concen: 52.992 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069848.D
Acq: 26 Jul 2021 15:26

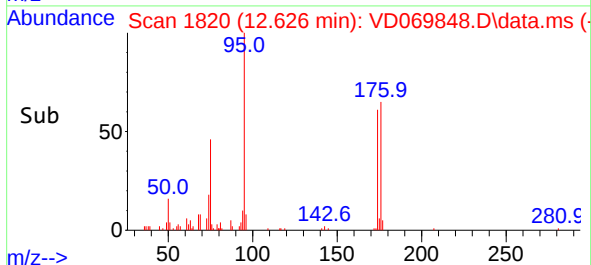
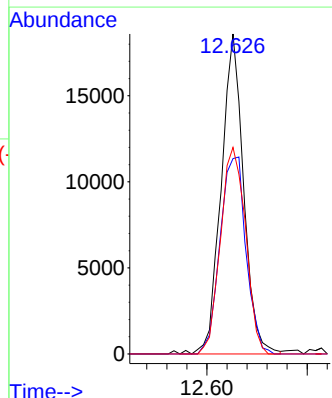
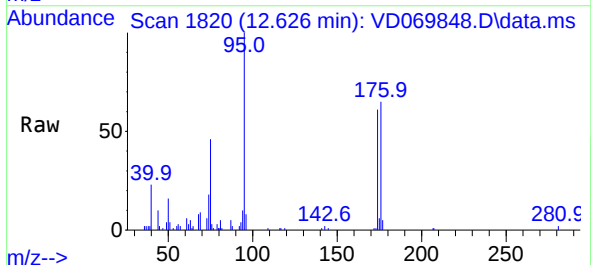
Instrument :
MSVOA_D
ClientSampleId :
SU-02-072321

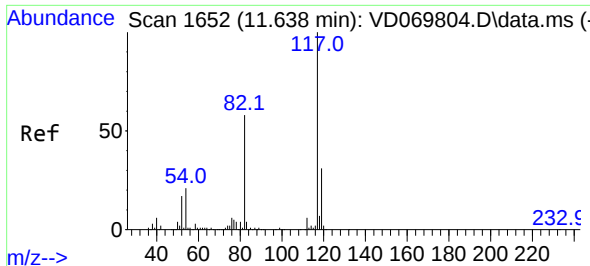
Tgt Ion: 98 Resp: 80731
Ion Ratio Lower Upper
98 100
100 63.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 56.587 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069848.D
Acq: 26 Jul 2021 15:26

Tgt Ion: 95 Resp: 28811
Ion Ratio Lower Upper
95 100
174 71.5 0.0 142.6
176 72.2 0.0 134.2

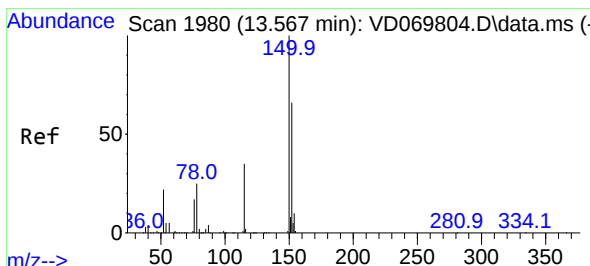
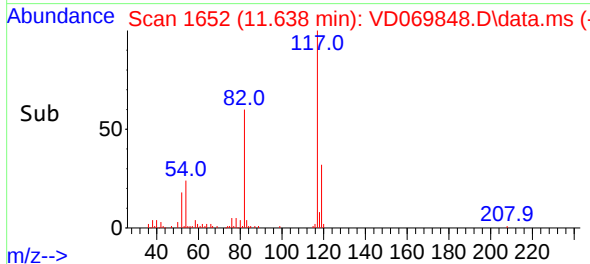
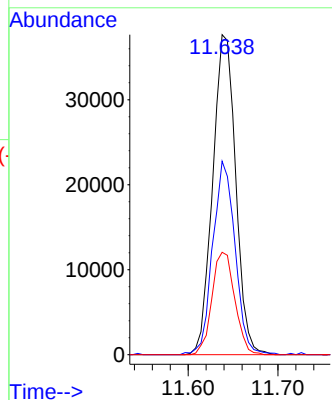
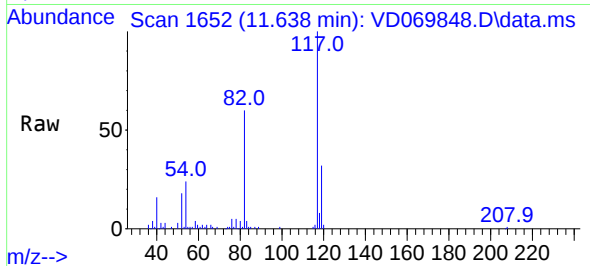




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD069848.D
Acq: 26 Jul 2021 15:26

Instrument :
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Tgt Ion:	117	Resp:	67149
Ion Ratio	Lower	Upper	
117	100		
82	60.5	46.3	69.5
119	32.0	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: VD069848.D
Acq: 26 Jul 2021 15:26

Tgt Ion:	152	Resp:	29392
Ion Ratio	Lower	Upper	
152	100		
115	61.7	31.1	93.3
150	158.4	0.0	343.0

