

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080321\
 Data File : VD069974.D
 Acq On : 03 Aug 2021 19:02
 Operator : VA/SY
 Sample : M3274-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-01-080321

Quant Time: Aug 04 01:34:01 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	325866	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	643910	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	641233	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	265691	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	276798	73.857	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	147.720%
35) Dibromofluoromethane	7.914	113	234271	57.713	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.420%
50) Toluene-d8	10.338	98	827897	52.894	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.780%
62) 4-Bromofluorobenzene	12.626	95	258845	49.483	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.960%

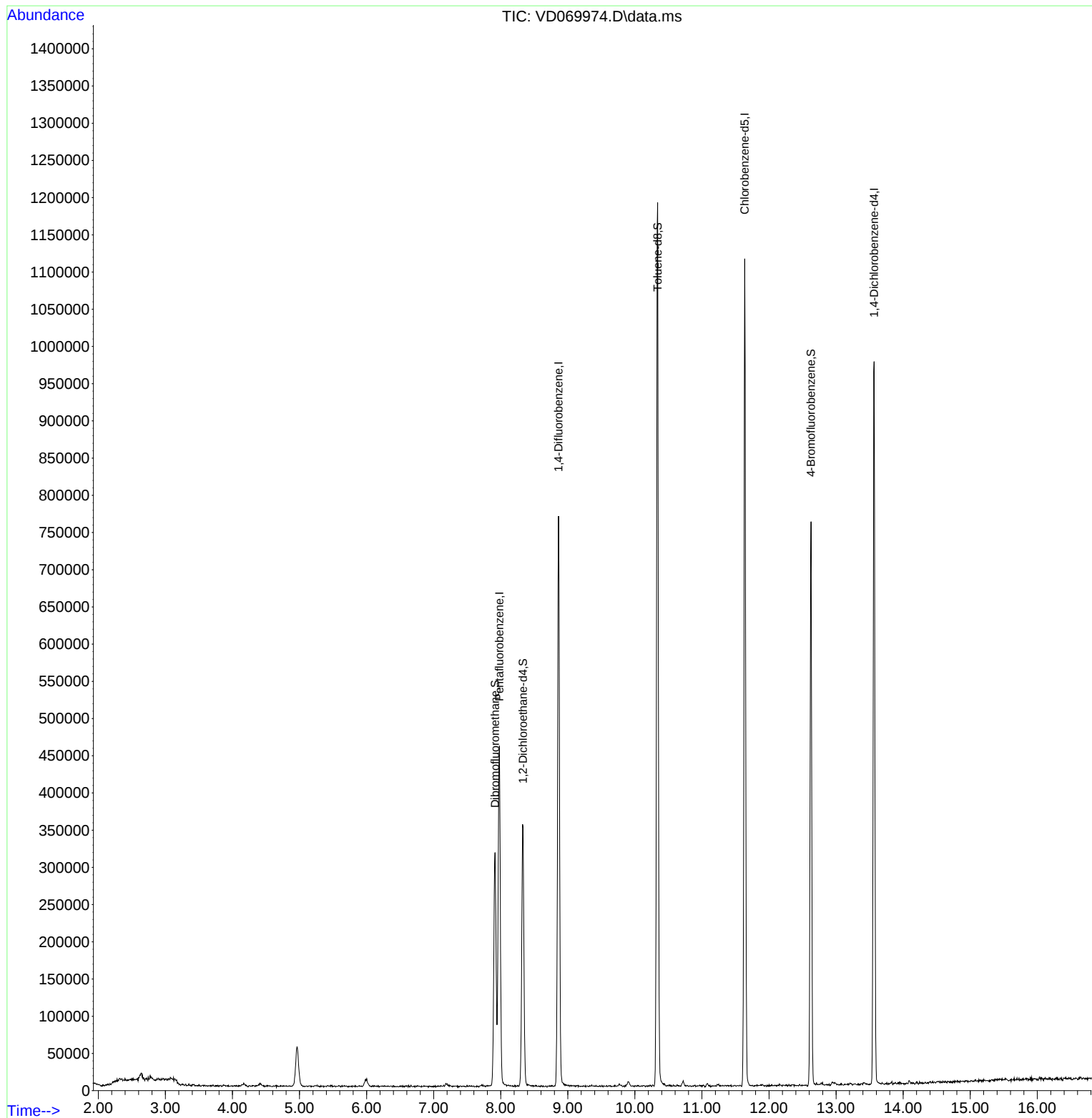
Target Compounds	Qvalue

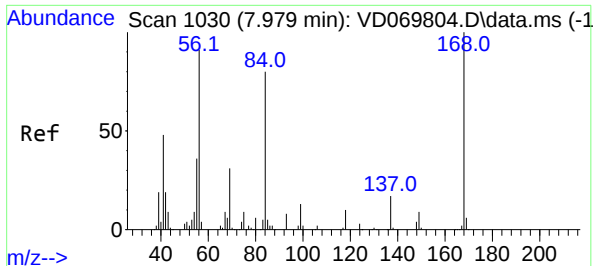
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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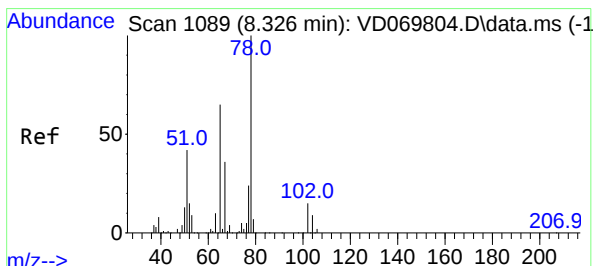
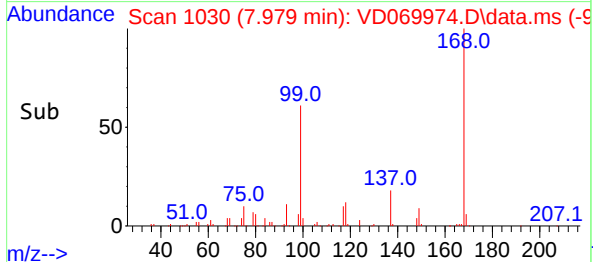
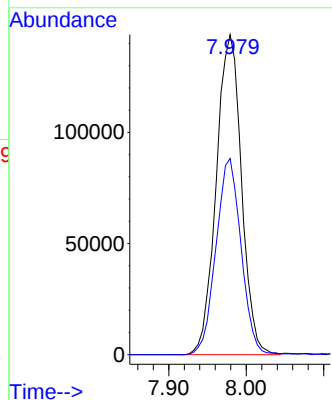
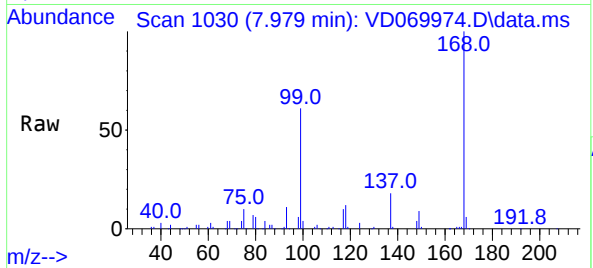




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069974.D
Acq: 03 Aug 2021 19:02

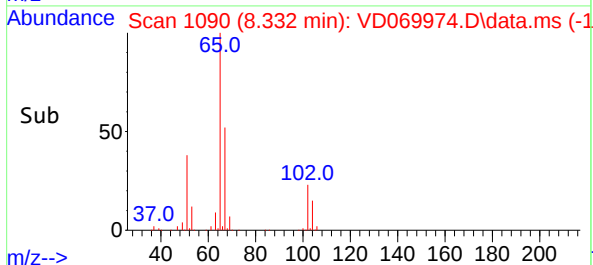
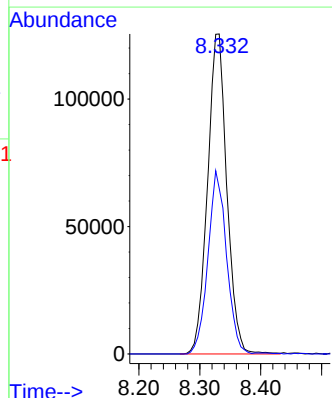
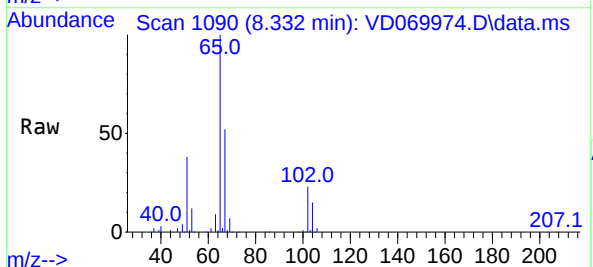
Instrument :
MSVOA_D
ClientSampleId :
HD-01-080321

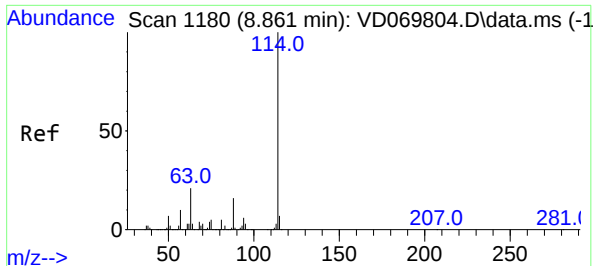
Tgt Ion:168 Resp: 325866
Ion Ratio Lower Upper
168 100
99 61.3 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 73.857 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD069974.D
Acq: 03 Aug 2021 19:02

Tgt Ion: 65 Resp: 276798
Ion Ratio Lower Upper
65 100
67 55.1 0.0 111.2



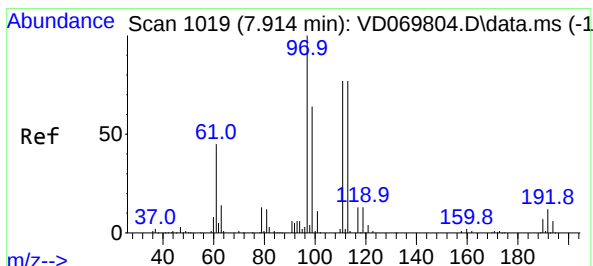
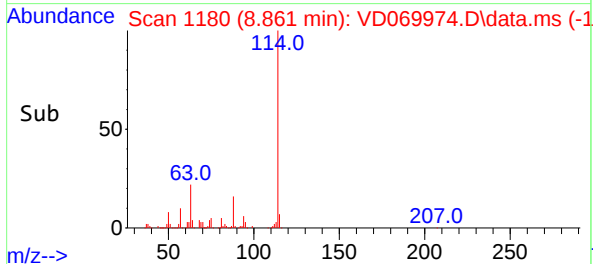
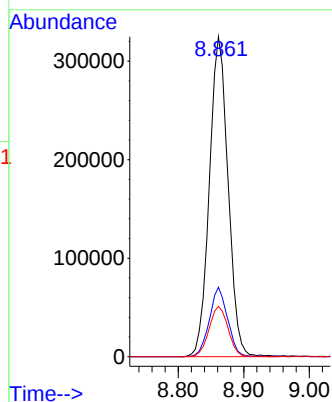
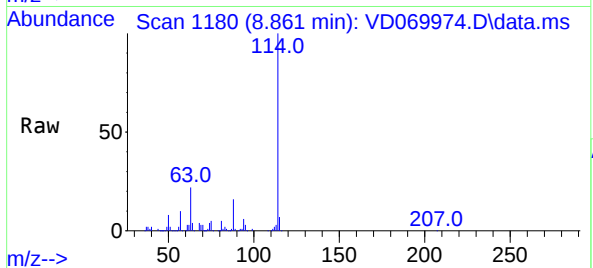


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069974.D
Acq: 03 Aug 2021 19:02

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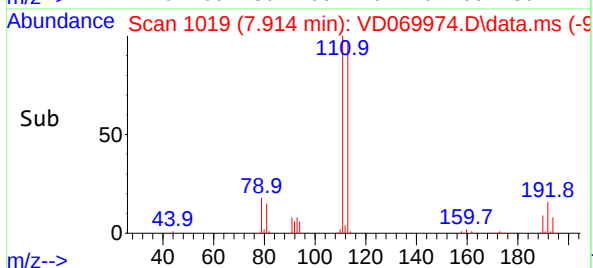
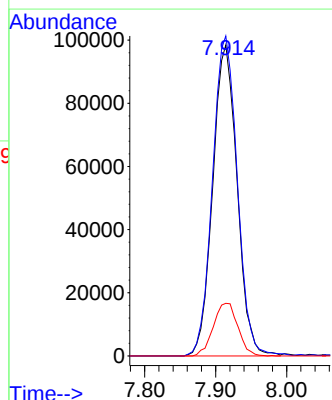
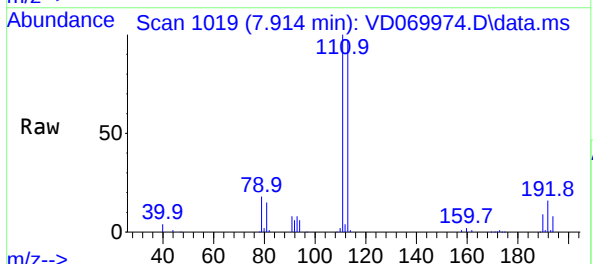
Tgt Ion:	114	Resp:	643910
Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	41.6
88	15.8	0.0	31.4

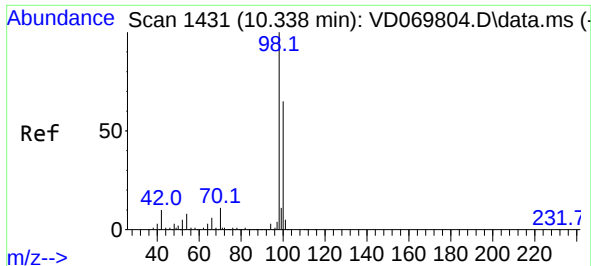


#35

Dibromofluoromethane
Concen: 57.713 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069974.D
Acq: 03 Aug 2021 19:02

Tgt Ion:	113	Resp:	234271
Ion	Ratio	Lower	Upper
113	100		
111	104.8	80.5	120.7
192	17.1	12.6	19.0

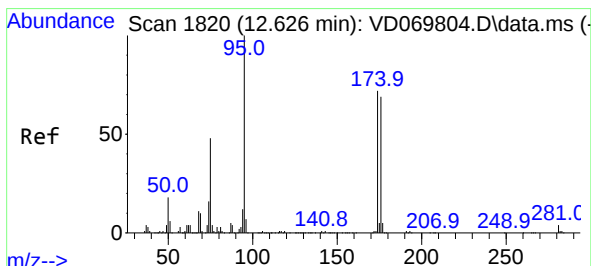
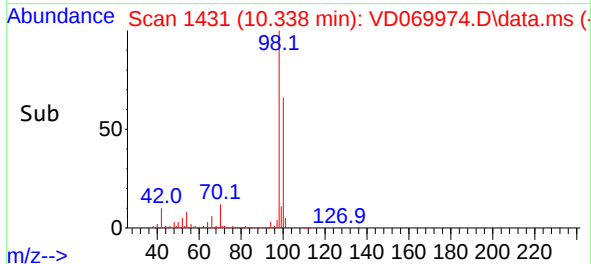
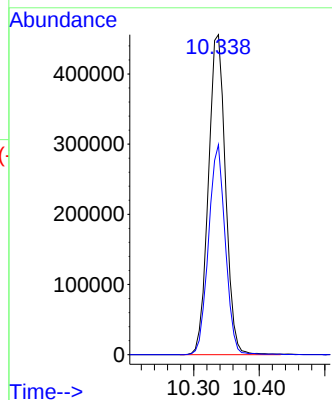
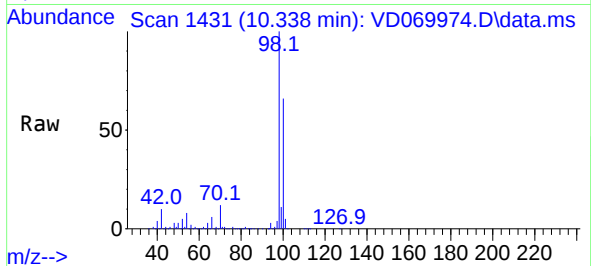




#50
Toluene-d8
Concen: 52.894 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069974.D
Acq: 03 Aug 2021 19:02

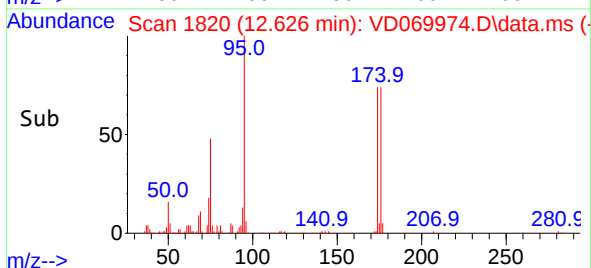
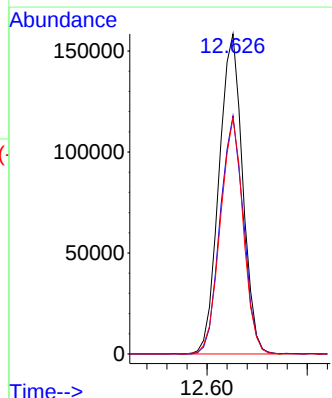
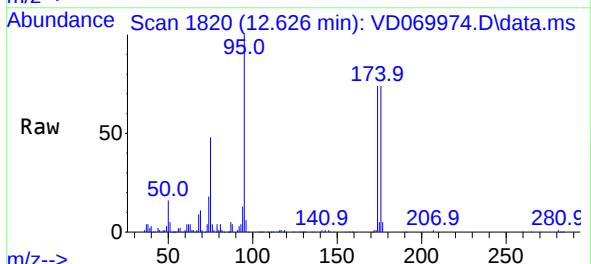
Instrument :
MSVOA_D
ClientSampleId :
HD-01-080321

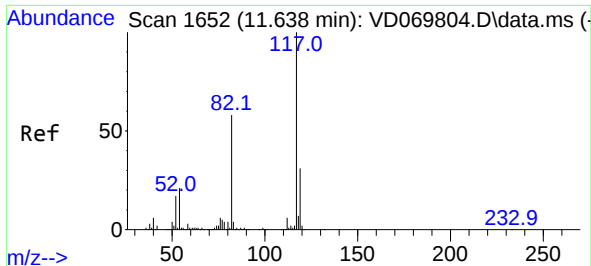
Tgt Ion: 98 Resp: 827897
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 49.483 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069974.D
Acq: 03 Aug 2021 19:02

Tgt Ion: 95 Resp: 258845
Ion Ratio Lower Upper
95 100
174 73.4 0.0 142.6
176 71.6 0.0 134.2

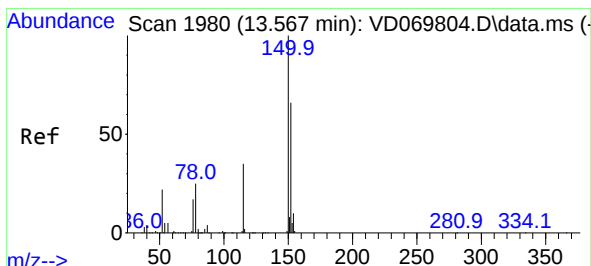
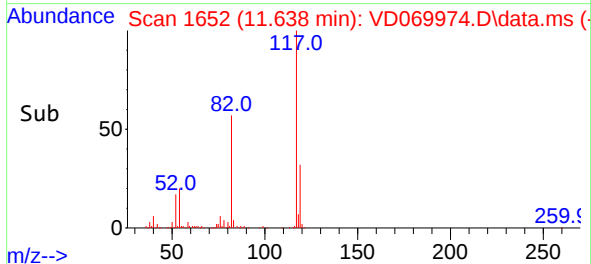
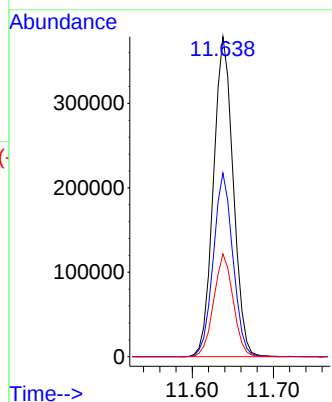
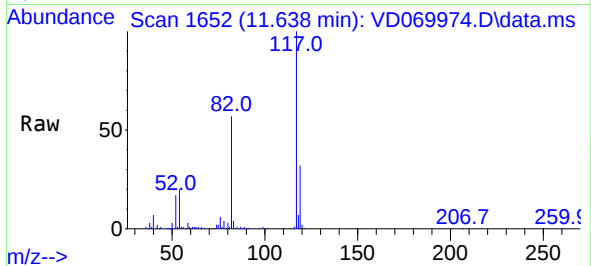




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069974.D
Acq: 03 Aug 2021 19:02

Instrument :
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Tgt Ion:117 Resp: 641233
Ion Ratio Lower Upper
117 100
82 57.4 46.3 69.5
119 32.1 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: VD069974.D
Acq: 03 Aug 2021 19:02

Tgt Ion:152 Resp: 265691
Ion Ratio Lower Upper
152 100
115 61.3 31.1 93.3
150 159.2 0.0 343.0

