

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080321\
 Data File : VD069973.D
 Acq On : 03 Aug 2021 18:33
 Operator : VA/SY
 Sample : M3256-01RE
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-03-080221RE

Quant Time: Aug 04 01:33:53 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	172369	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	333197	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	346894	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	145979	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	166683	84.081	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	168.160%#
35) Dibromofluoromethane	7.914	113	131920	62.805	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	125.600%
50) Toluene-d8	10.338	98	429209	52.993	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.980%
62) 4-Bromofluorobenzene	12.626	95	144713	53.463	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.920%

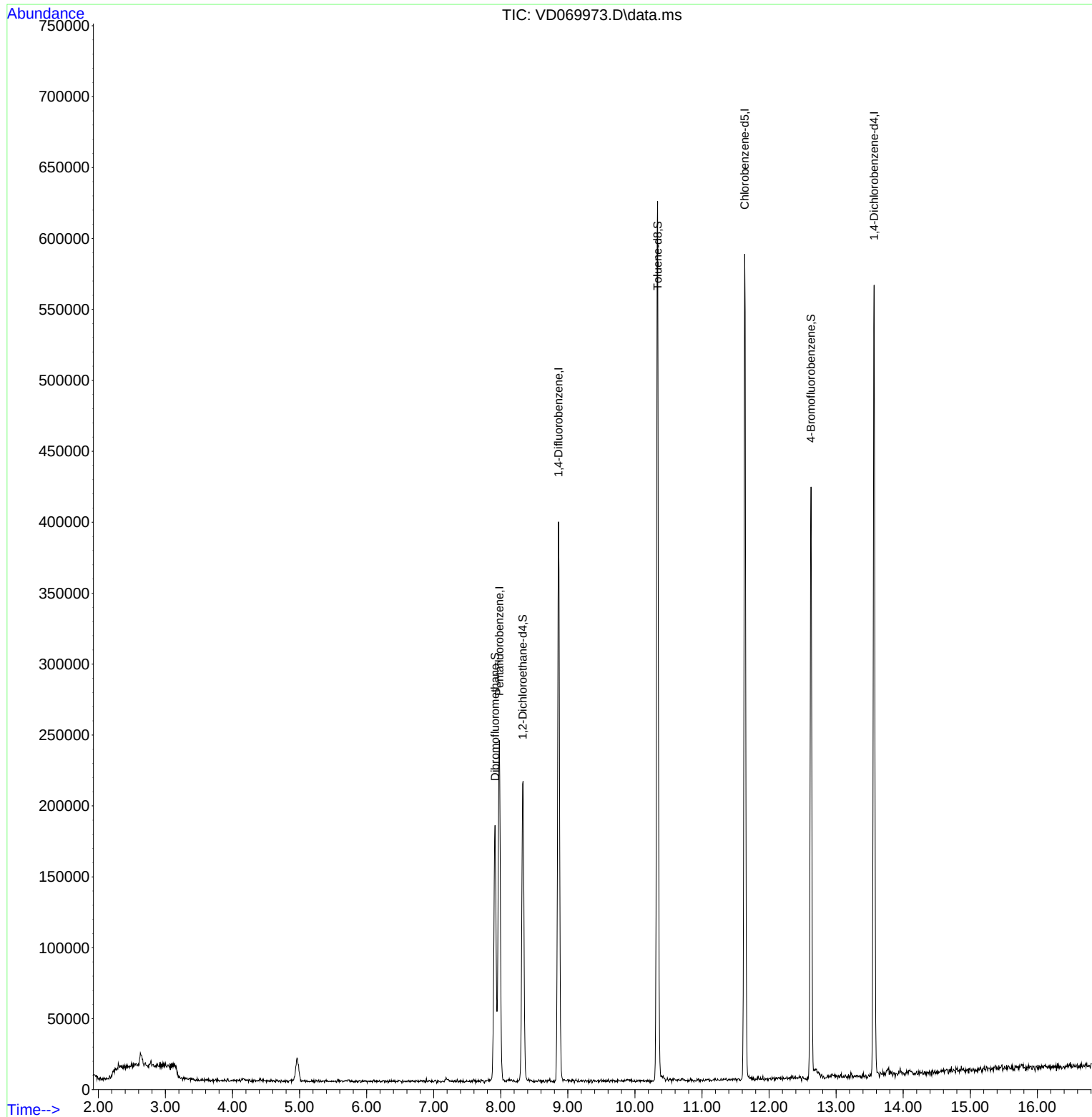
Target Compounds	Qvalue

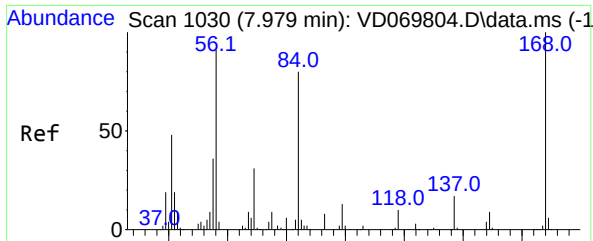
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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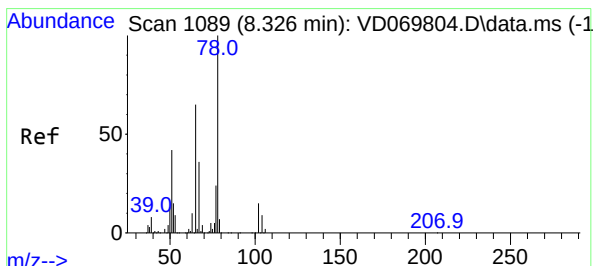
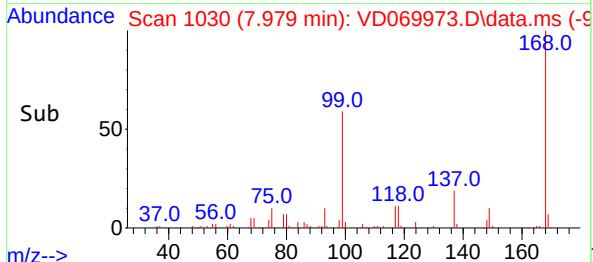
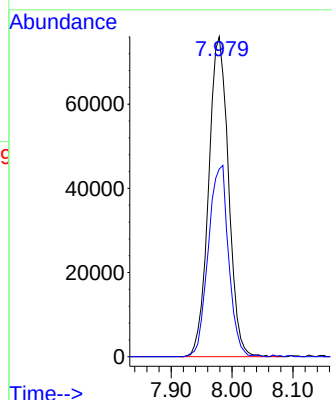
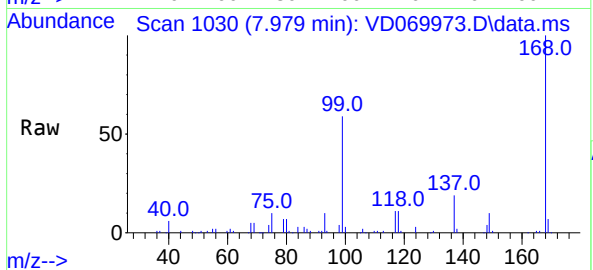




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069973.D
Acq: 03 Aug 2021 18:33

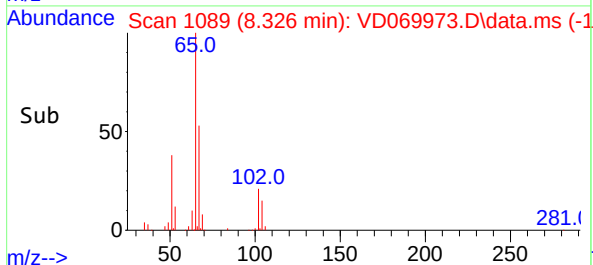
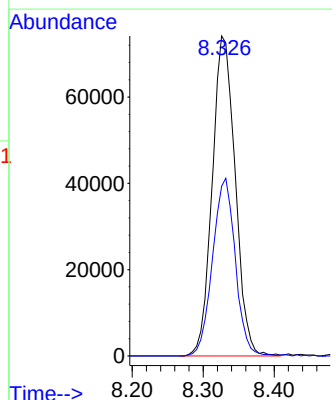
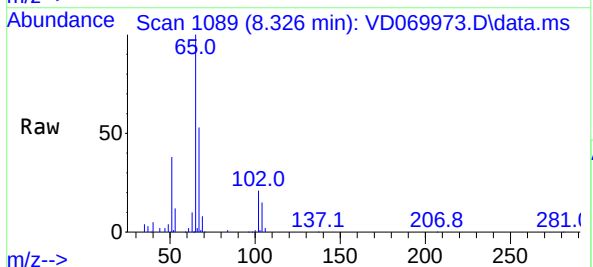
Instrument :
MSVOA_D
ClientSampleId :
OK-03-080221RE

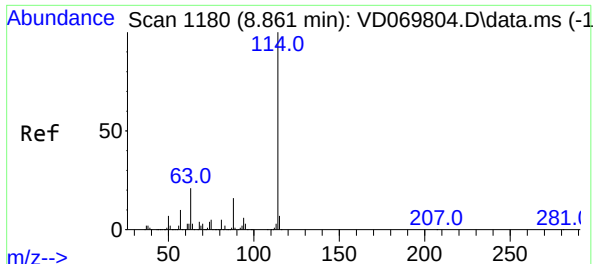
Tgt Ion:168 Resp: 172369
Ion Ratio Lower Upper
168 100
99 58.6 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 84.081 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD069973.D
Acq: 03 Aug 2021 18:33

Tgt Ion: 65 Resp: 166683
Ion Ratio Lower Upper
65 100
67 54.8 0.0 111.2

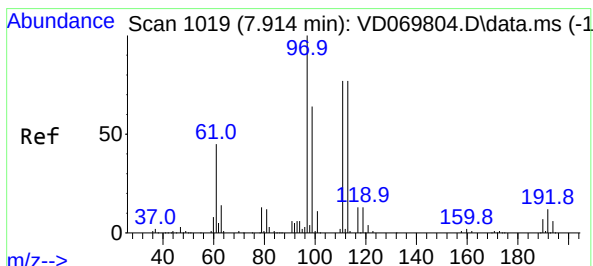
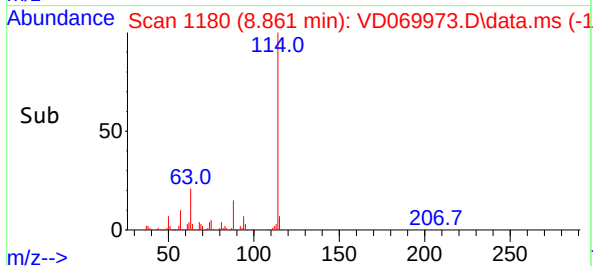
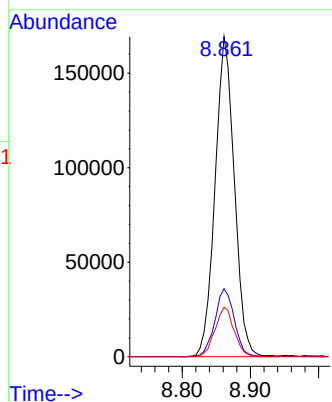
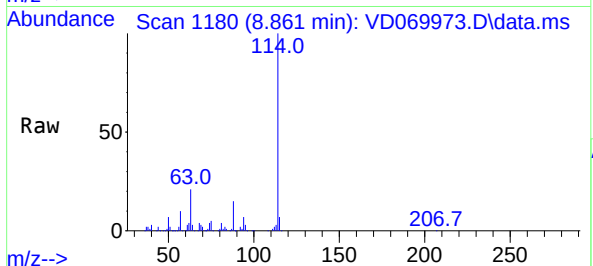




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069973.D
Acq: 03 Aug 2021 18:33

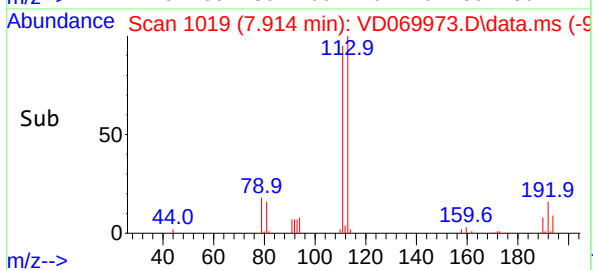
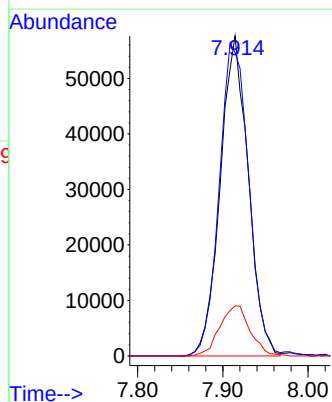
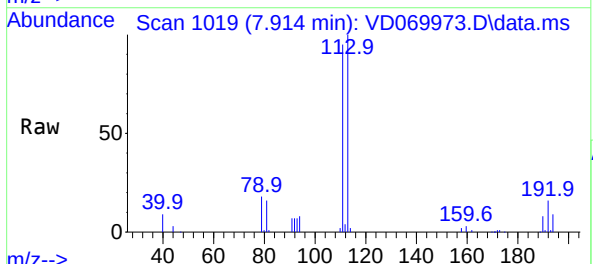
Instrument :
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ClientSampleId :
OK-03-080221RE

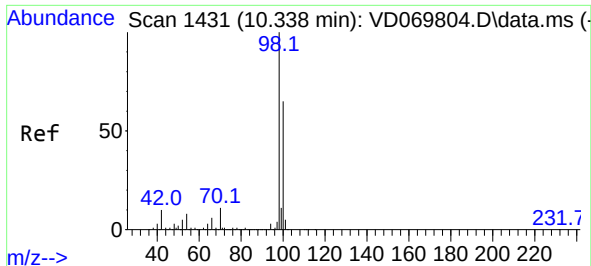
Tgt Ion:114 Resp: 333197
Ion Ratio Lower Upper
114 100
63 21.2 0.0 41.6
88 15.4 0.0 31.4



#35
Dibromofluoromethane
Concen: 62.805 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069973.D
Acq: 03 Aug 2021 18:33

Tgt Ion:113 Resp: 131920
Ion Ratio Lower Upper
113 100
111 103.5 80.5 120.7
192 17.0 12.6 19.0

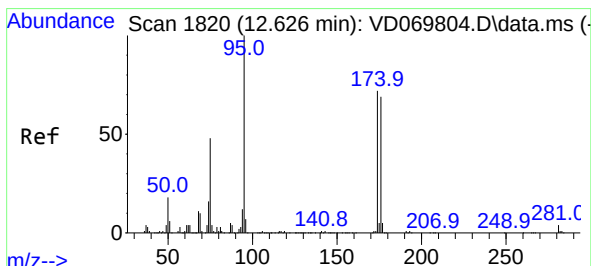
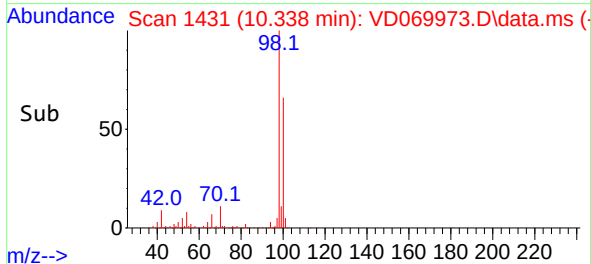
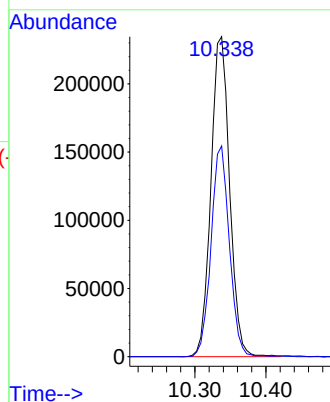
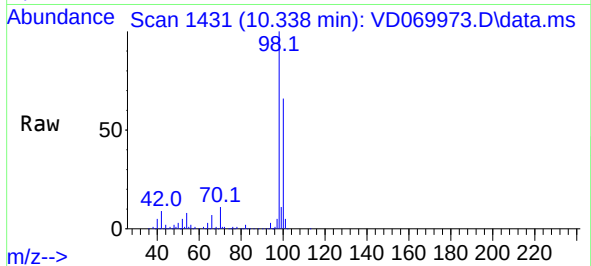




#50
Toluene-d8
Concen: 52.993 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069973.D
Acq: 03 Aug 2021 18:33

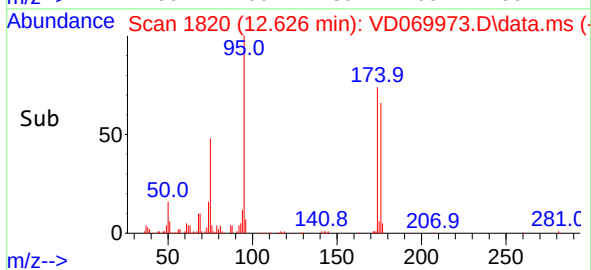
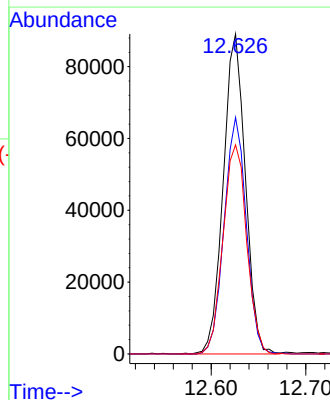
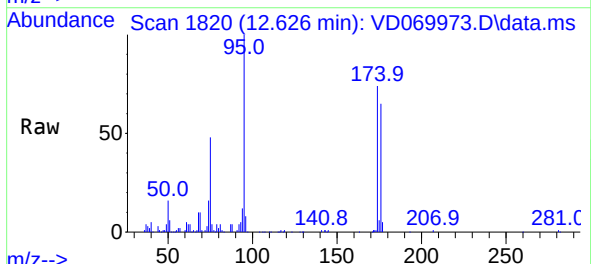
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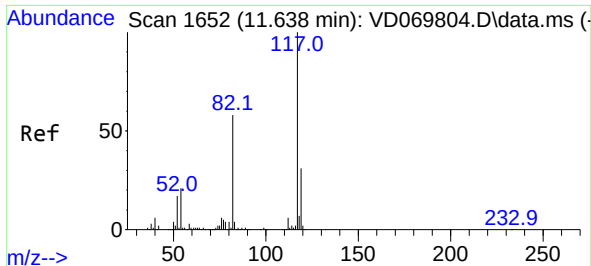
Tgt Ion: 98 Resp: 429209
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 53.463 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069973.D
Acq: 03 Aug 2021 18:33

Tgt Ion: 95 Resp: 144713
Ion Ratio Lower Upper
95 100
174 74.0 0.0 142.6
176 69.7 0.0 134.2



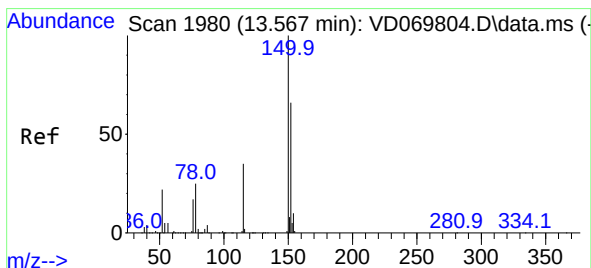
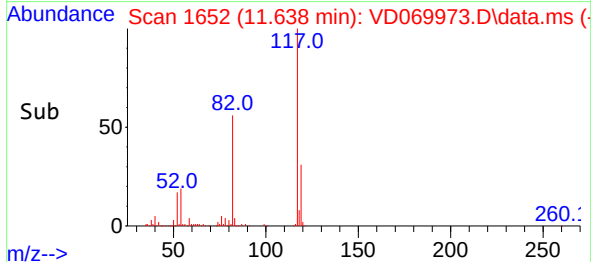
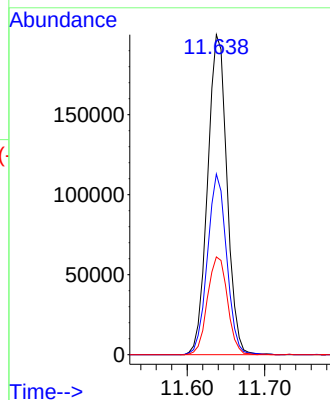
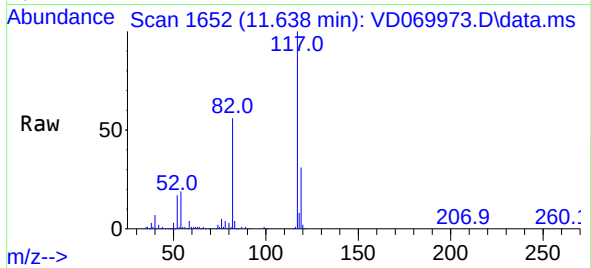


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069973.D
Acq: 03 Aug 2021 18:33

Instrument :
MSVOA_D
ClientSampleId :
OK-03-080221RE

Tgt Ion:117 Resp: 346894

Ion	Ratio	Lower	Upper
117	100		
82	56.4	46.3	69.5
119	30.6	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: VD069973.D
Acq: 03 Aug 2021 18:33

Tgt Ion:152 Resp: 145979

Ion	Ratio	Lower	Upper
152	100		
115	61.5	31.1	93.3
150	156.9	0.0	343.0

