

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081121\
 Data File : VD070023.D
 Acq On : 11 Aug 2021 15:06
 Operator : VA/SY
 Sample : M3333-03RE
 Misc : 4.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 124030RE

Quant Time: Aug 12 05:29:36 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	48028	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	92979	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	93919	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	38073	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	49562	89.727	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	179.460%#
35) Dibromofluoromethane	7.914	113	33434	57.041	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.080%
50) Toluene-d8	10.338	98	117209	51.860	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.720%
62) 4-Bromofluorobenzene	12.626	95	38354	50.777	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.560%

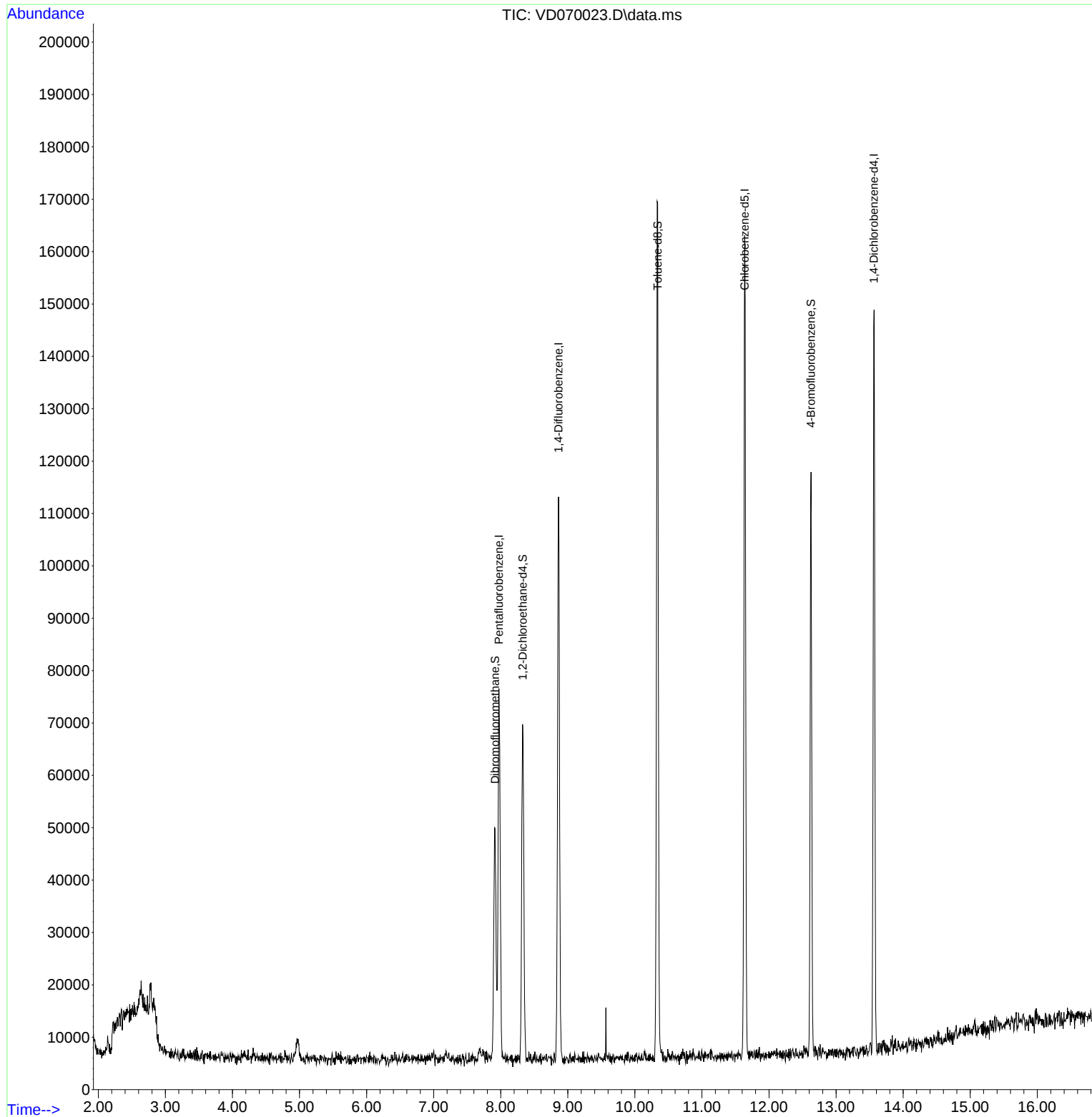
Target Compounds	Qvalue

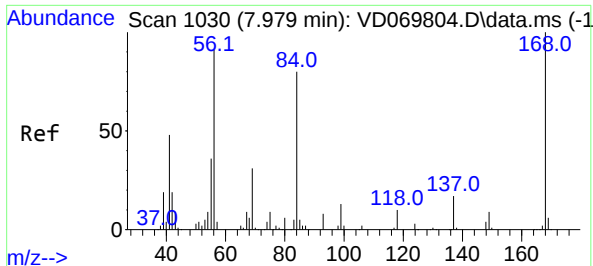
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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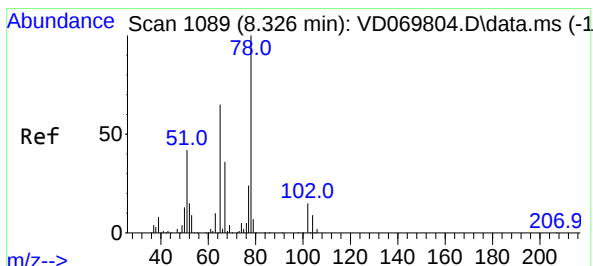
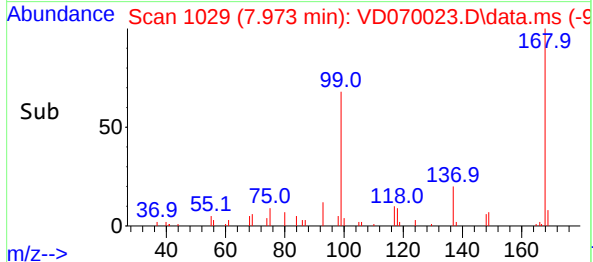
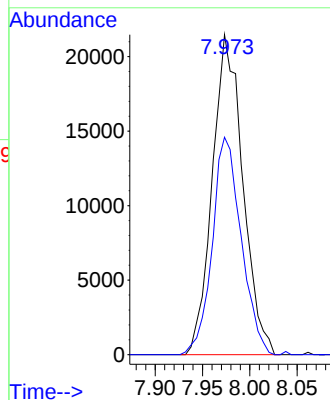
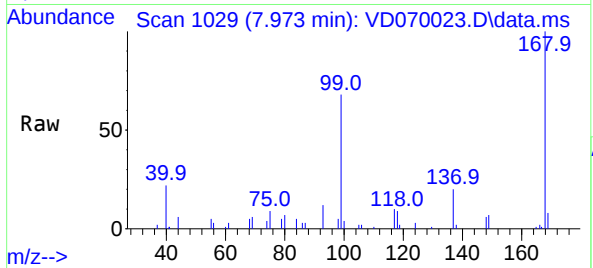




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070023.D
Acq: 11 Aug 2021 15:06

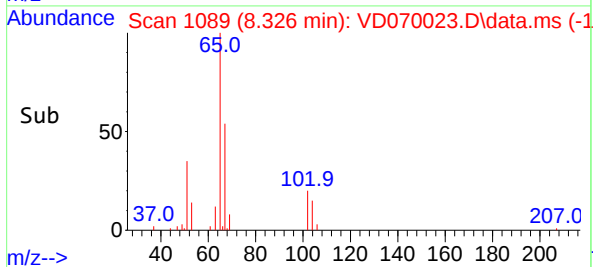
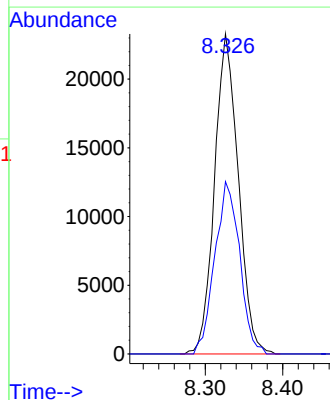
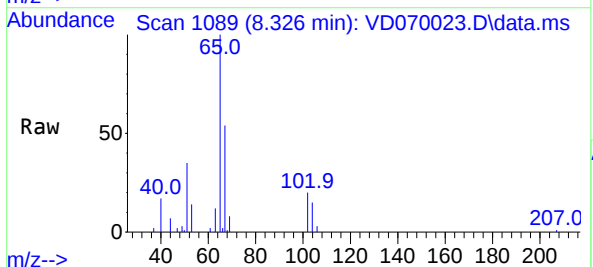
Instrument :
MSVOA_D
ClientSampleId :
124030RE

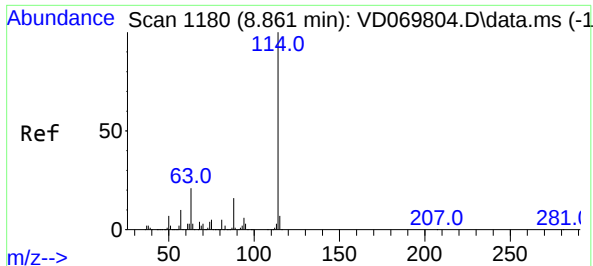
Tgt Ion:168 Resp: 48028
Ion Ratio Lower Upper
168 100
99 67.9 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 89.727 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070023.D
Acq: 11 Aug 2021 15:06

Tgt Ion: 65 Resp: 49562
Ion Ratio Lower Upper
65 100
67 56.3 0.0 111.2



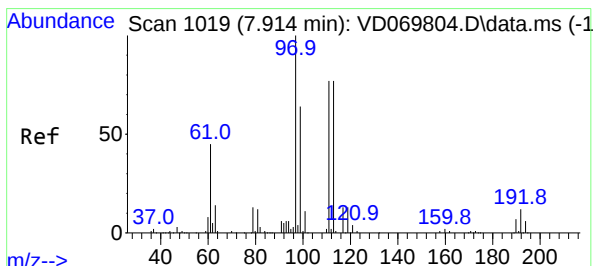
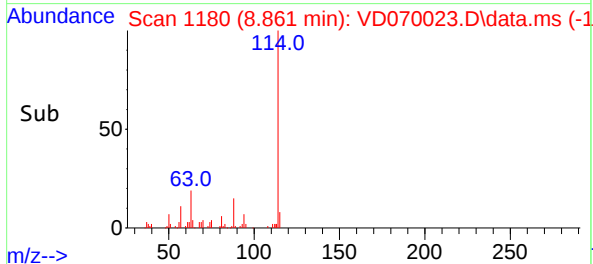
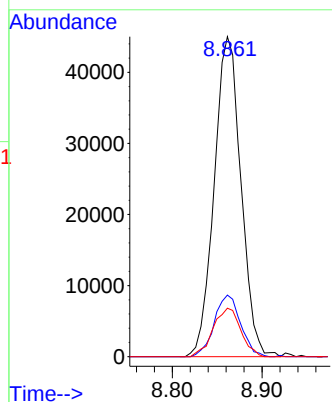
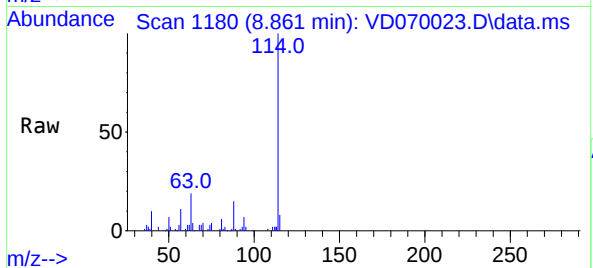


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070023.D
Acq: 11 Aug 2021 15:06

Instrument :
MSVOA_D
ClientSampleId :
124030RE

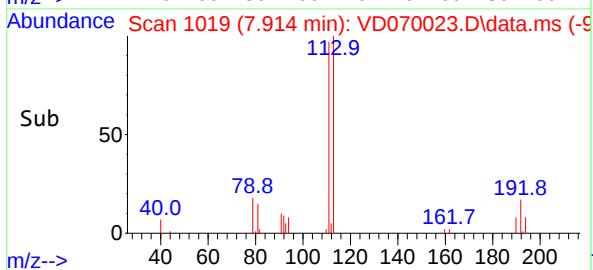
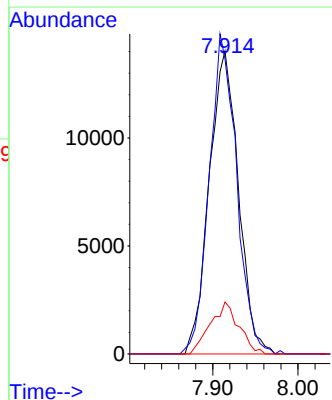
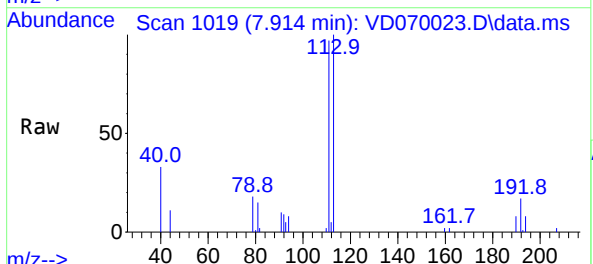
Tgt Ion:	114	Resp:	92979
Ion Ratio	Lower	Upper	
114	100		
63	19.2	0.0	41.6
88	15.2	0.0	31.4



#35

Dibromofluoromethane
Concen: 57.041 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070023.D
Acq: 11 Aug 2021 15:06

Tgt Ion:	113	Resp:	33434
Ion Ratio	Lower	Upper	
113	100		
111	98.8	80.5	120.7
192	16.6	12.6	19.0

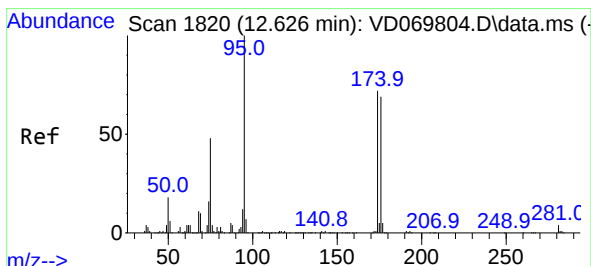
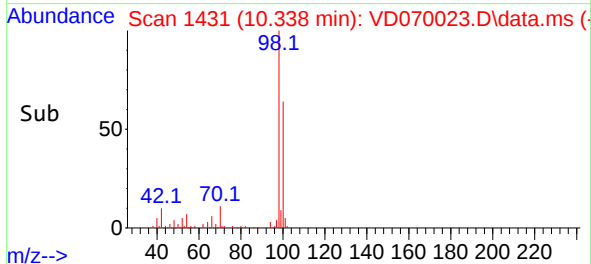
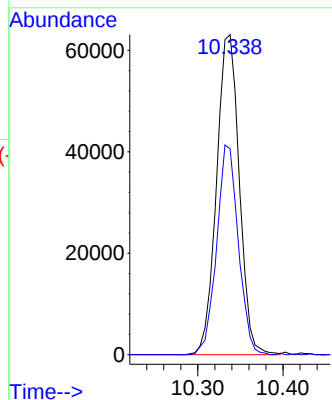
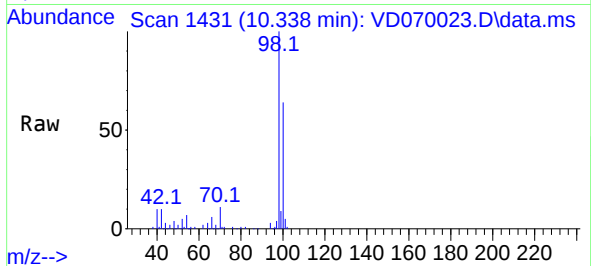




#50
Toluene-d8
Concen: 51.860 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070023.D
Acq: 11 Aug 2021 15:06

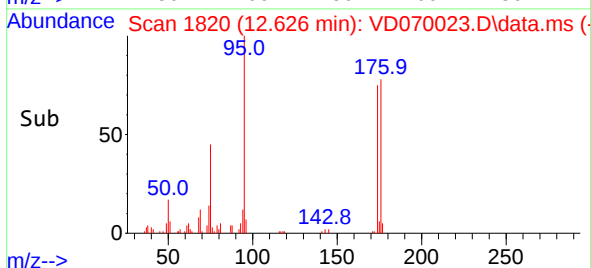
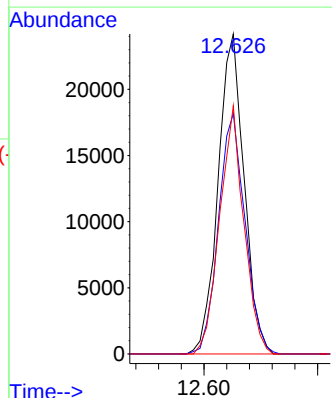
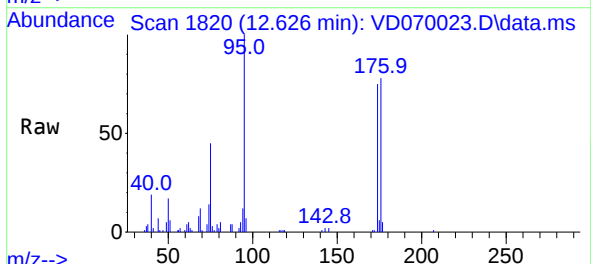
Instrument :
MSVOA_D
ClientSampleId :
124030RE

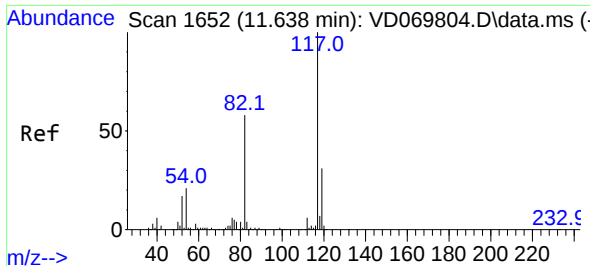
Tgt Ion: 98 Resp: 117209
Ion Ratio Lower Upper
98 100
100 62.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 50.777 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070023.D
Acq: 11 Aug 2021 15:06

Tgt Ion: 95 Resp: 38354
Ion Ratio Lower Upper
95 100
174 77.1 0.0 142.6
176 72.4 0.0 134.2

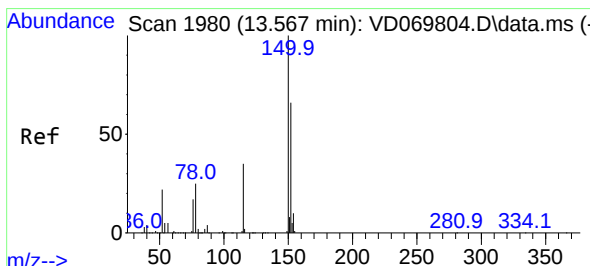
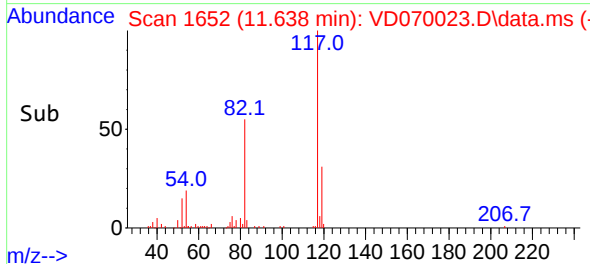
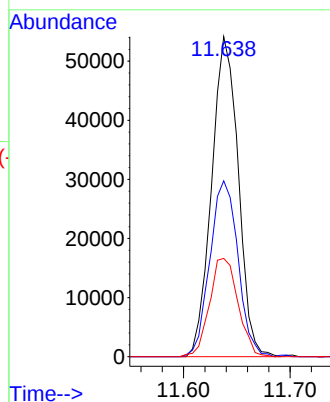
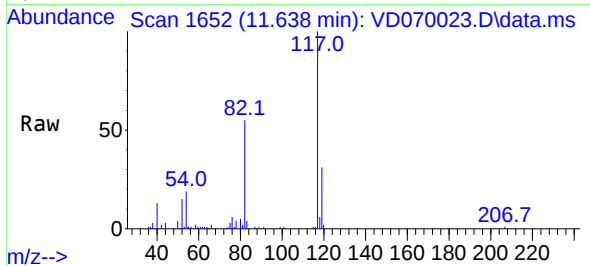




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070023.D
Acq: 11 Aug 2021 15:06

Instrument :
MSVOA_D
ClientSampleId :
124030RE

Tgt Ion:	117	Resp:	93919
Ion Ratio	Lower	Upper	
117	100		
82	55.0	46.3	69.5
119	30.7	24.7	37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD070023.D
Acq: 11 Aug 2021 15:06

Tgt Ion:	152	Resp:	38073
Ion Ratio	Lower	Upper	
152	100		
115	60.8	31.1	93.3
150	157.8	0.0	343.0

