

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081121\
 Data File : VD070033.D
 Acq On : 11 Aug 2021 19:54
 Operator : VA/SY
 Sample : M3331-08
 Misc : 4.82G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BSY1-SB-13-0-1

Quant Time: Aug 12 05:32:32 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	29095	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	51541	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	49688	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	18575	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	26575	79.419	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	158.840%
35) Dibromofluoromethane	7.914	113	17423	53.623	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.240%
50) Toluene-d8	10.332	98	62228	49.669	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.340%
62) 4-Bromofluorobenzene	12.626	95	17178	41.026	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.060%

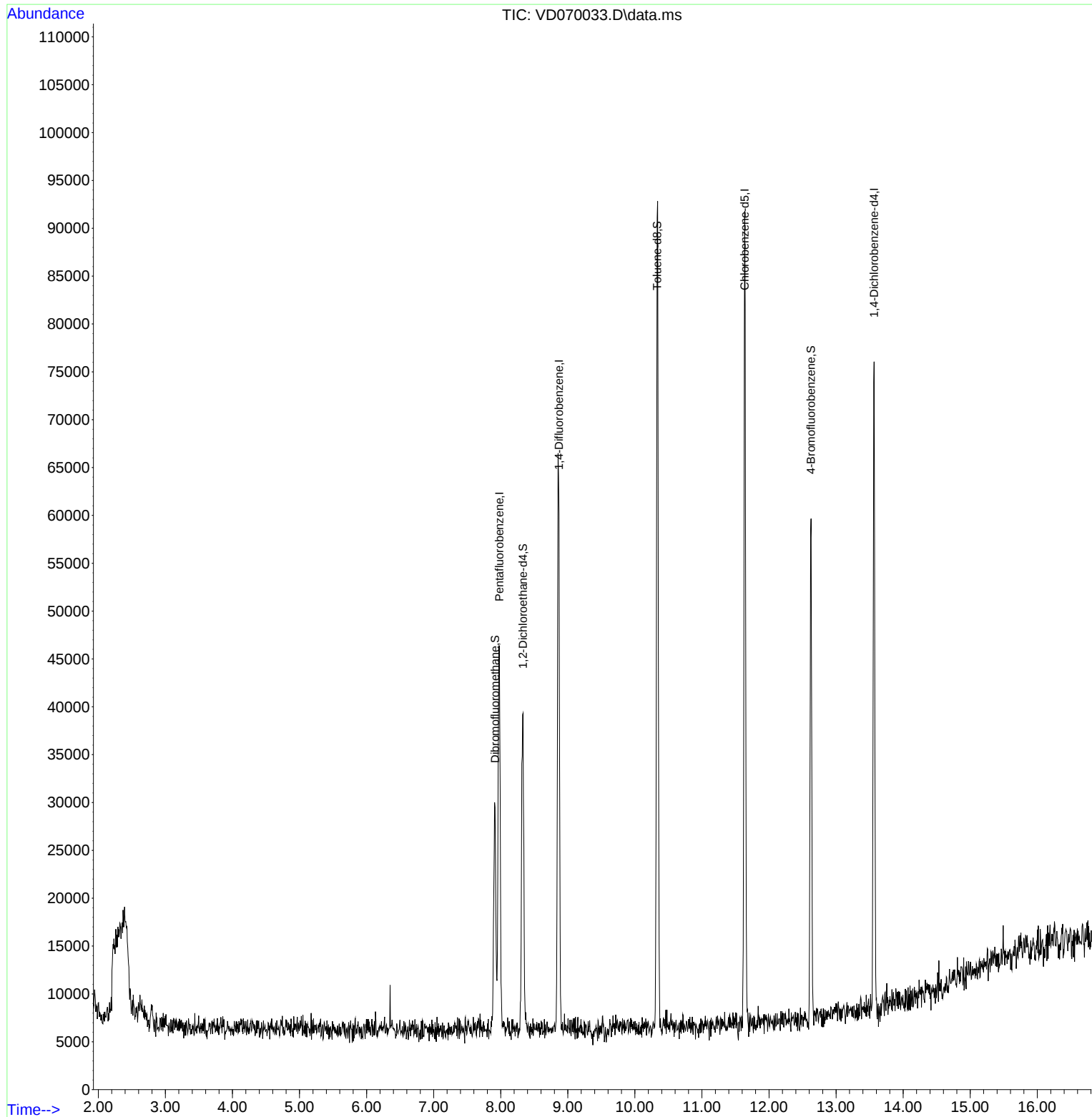
Target Compounds	Qvalue

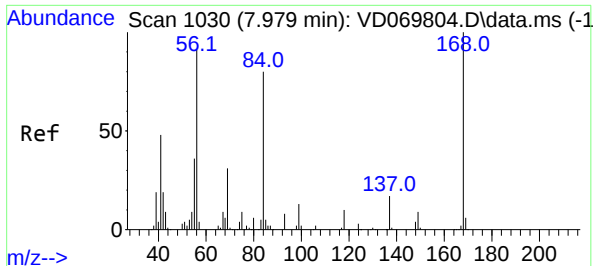
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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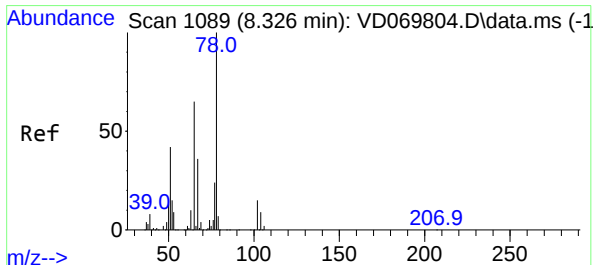
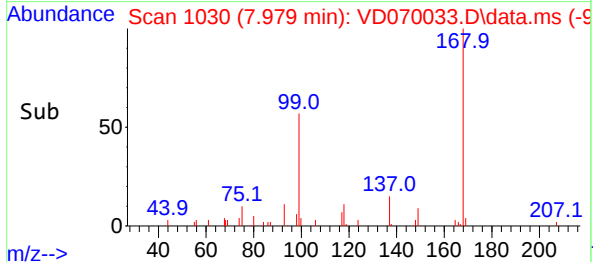
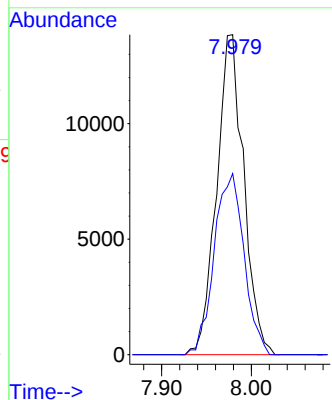
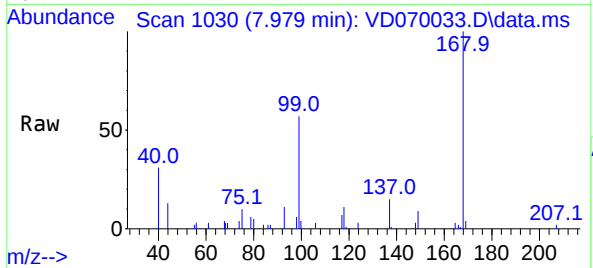




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070033.D
Acq: 11 Aug 2021 19:54

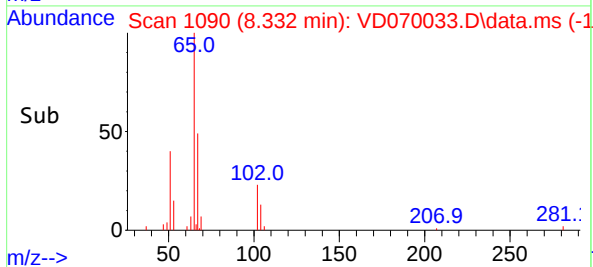
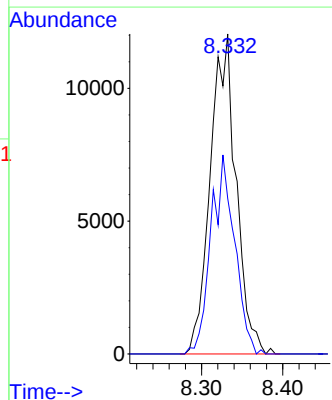
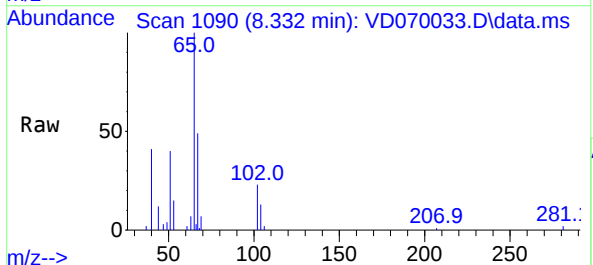
Instrument :
MSVOA_D
ClientSampleId :
BSY1-SB-13-0-1

Tgt Ion:168 Resp: 29095
Ion Ratio Lower Upper
168 100
99 56.6 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 79.419 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070033.D
Acq: 11 Aug 2021 19:54

Tgt Ion: 65 Resp: 26575
Ion Ratio Lower Upper
65 100
67 57.1 0.0 111.2



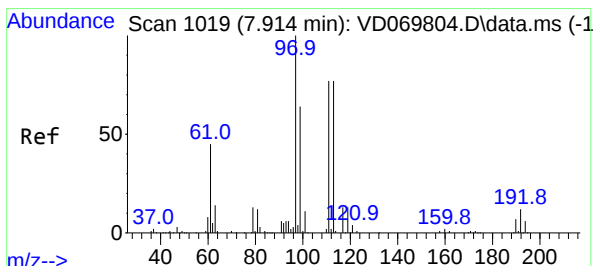
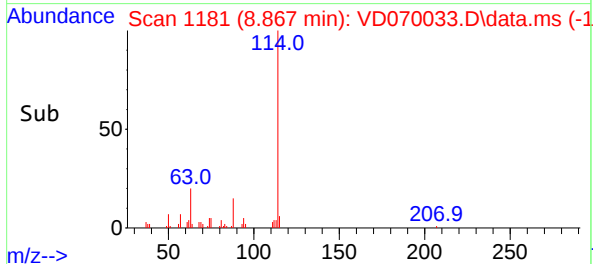
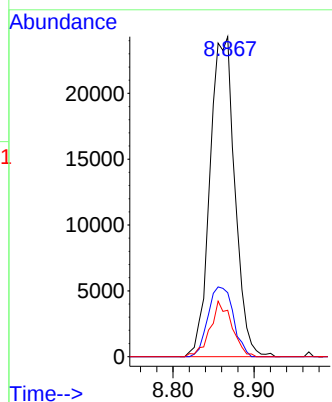
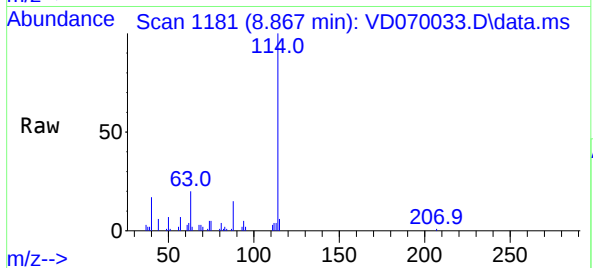


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.006 min
Lab File: VD070033.D
Acq: 11 Aug 2021 19:54

Instrument :
MSVOA_D
ClientSampleId :
BSY1-SB-13-0-1

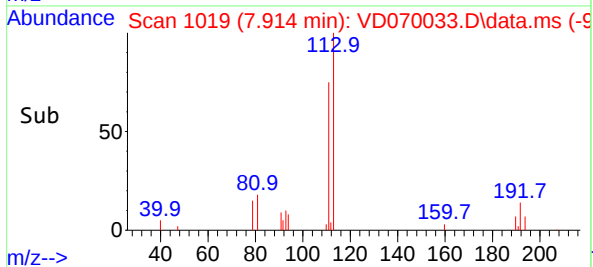
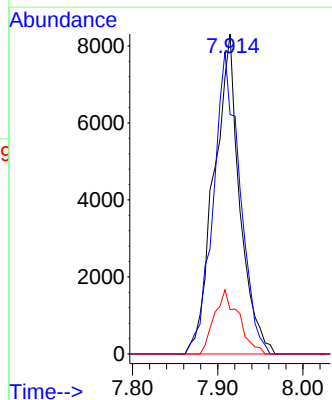
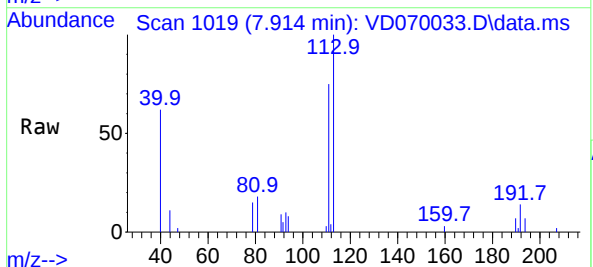
Tgt Ion:	114	Resp:	51541
Ion Ratio	Lower	Upper	
114	100		
63	20.0	0.0	41.6
88	14.5	0.0	31.4

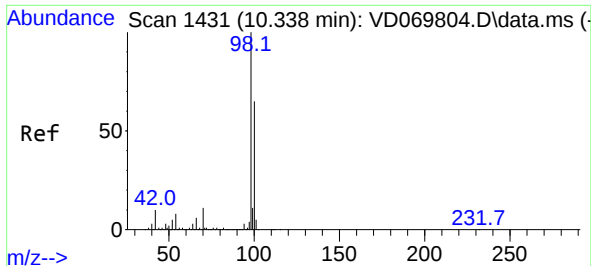


#35

Dibromofluoromethane
Concen: 53.623 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070033.D
Acq: 11 Aug 2021 19:54

Tgt Ion:	113	Resp:	17423
Ion Ratio	Lower	Upper	
113	100		
111	97.9	80.5	120.7
192	19.0	12.6	19.0#

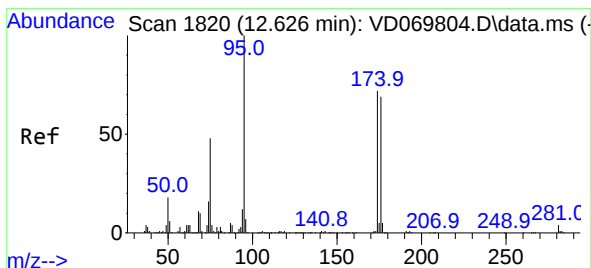
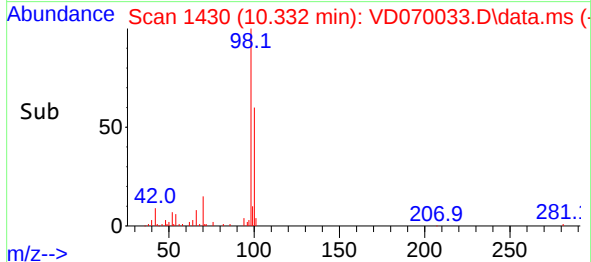
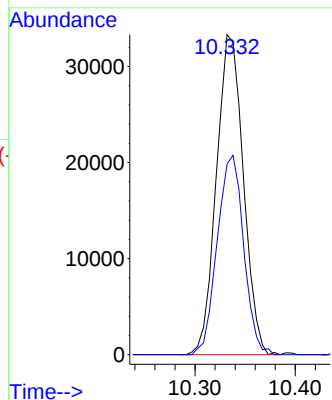
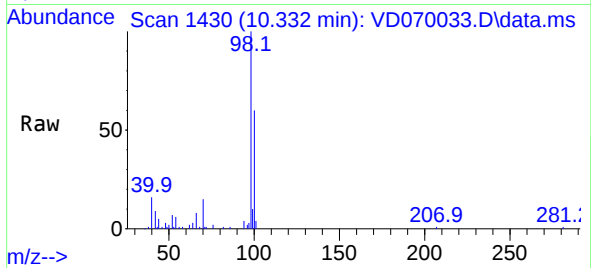




#50
Toluene-d8
Concen: 49.669 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070033.D
Acq: 11 Aug 2021 19:54

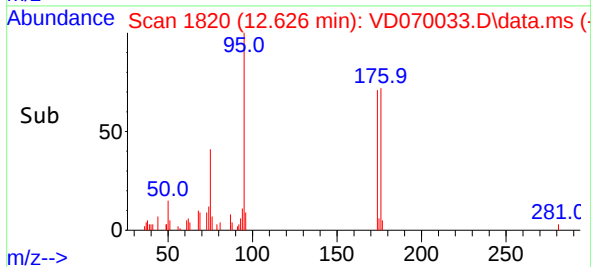
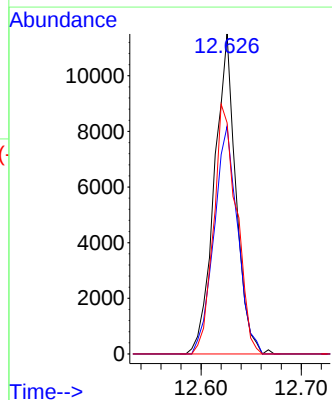
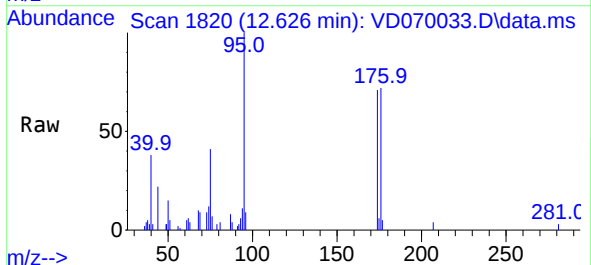
Instrument :
MSVOA_D
ClientSampleId :
BSY1-SB-13-0-1

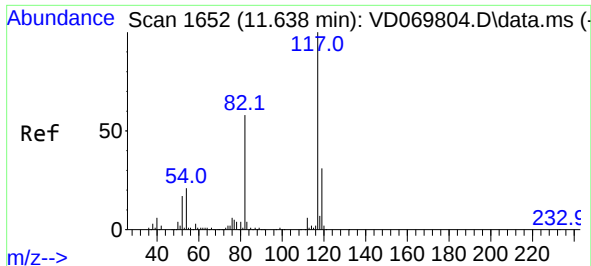
Tgt Ion: 98 Resp: 62228
Ion Ratio Lower Upper
98 100
100 61.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 41.026 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070033.D
Acq: 11 Aug 2021 19:54

Tgt Ion: 95 Resp: 17178
Ion Ratio Lower Upper
95 100
174 78.0 0.0 142.6
176 83.0 0.0 134.2

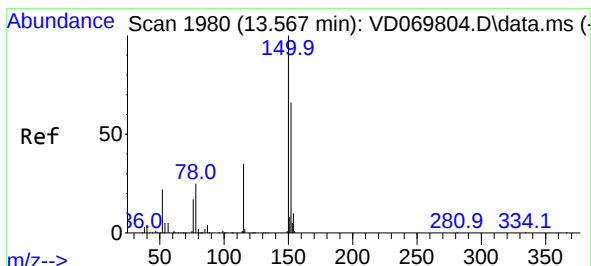
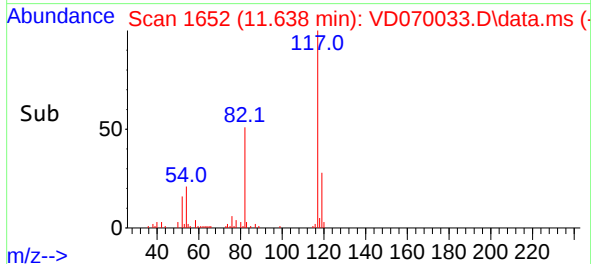
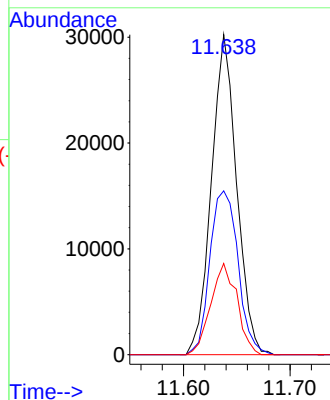
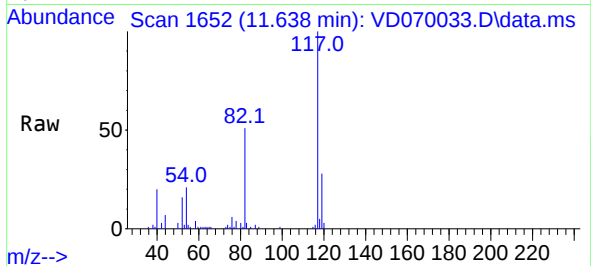




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070033.D
Acq: 11 Aug 2021 19:54

Instrument :
MSVOA_D
ClientSampleId :
BSY1-SB-13-0-1

Tgt Ion:	117	Resp:	49688
Ion Ratio	Lower	Upper	
117	100		
82	51.2	46.3	69.5
119	28.5	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: VD070033.D
Acq: 11 Aug 2021 19:54

Tgt Ion:	152	Resp:	18575
Ion Ratio	Lower	Upper	
152	100		
115	60.5	31.1	93.3
150	154.3	0.0	343.0

