

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070721\
 Data File : VD069612.D
 Acq On : 07 Jul 2021 17:02
 Operator : VA/SY
 Sample : M2926-04
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Quant Time: Jul 08 01:08:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 22 04:33:24 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.985	168	14676	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	28611	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	33029	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	12229	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	16431	89.819	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	179.640%#
35) Dibromofluoromethane	7.903	113	7906	40.878	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.760%
50) Toluene-d8	10.338	98	34480	47.529	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.060%
62) 4-Bromofluorobenzene	12.620	95	12514	52.471	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.940%

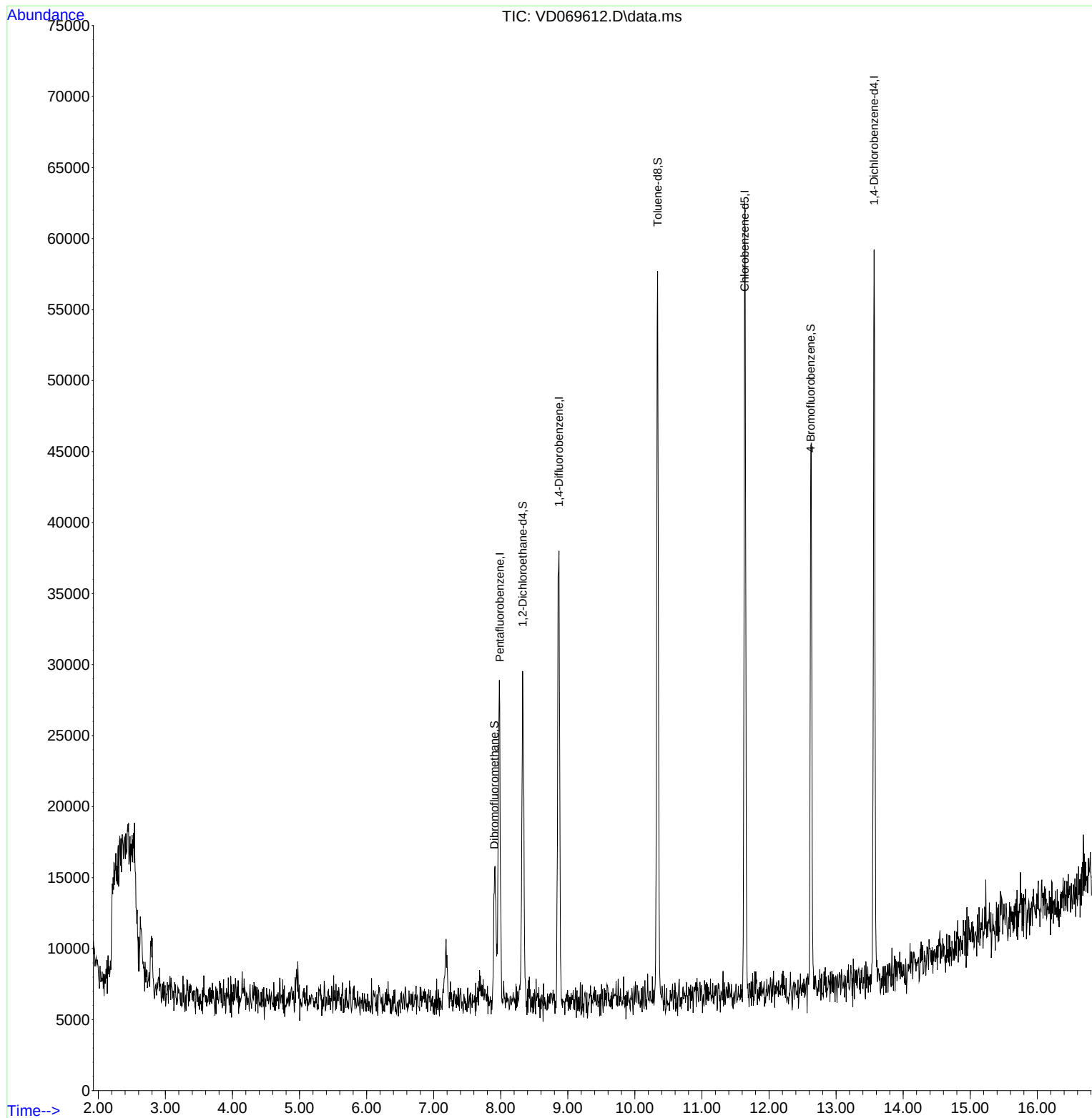
Target Compounds	Qvalue

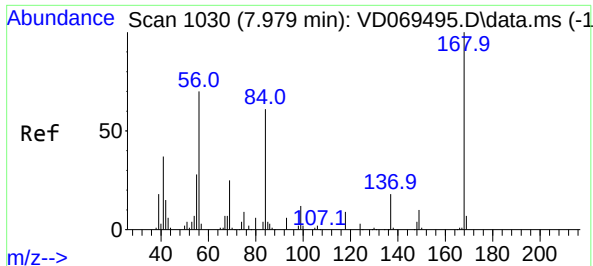
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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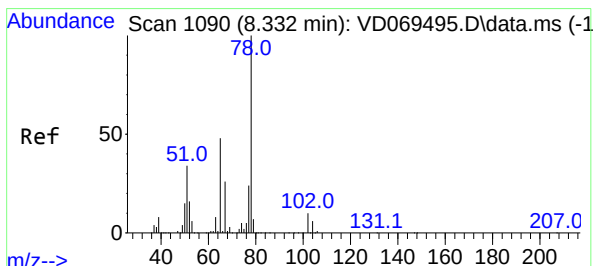
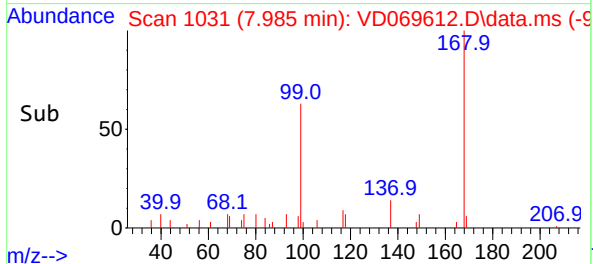
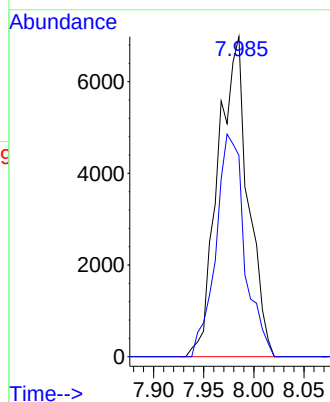
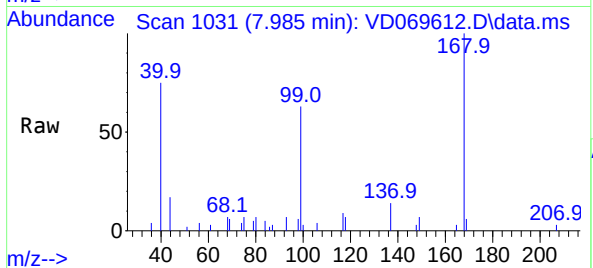




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD069612.D
Acq: 07 Jul 2021 17:02

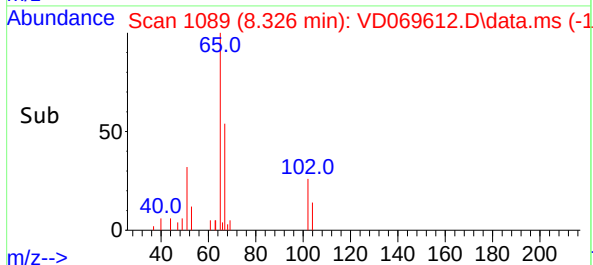
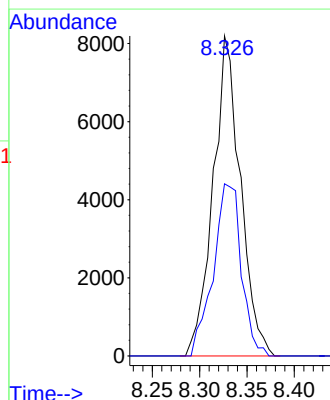
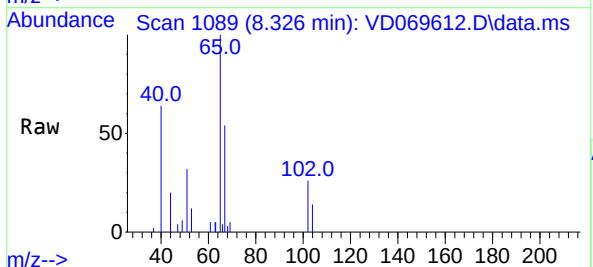
Instrument :
MSVOA_D
ClientSampled :
TP-2

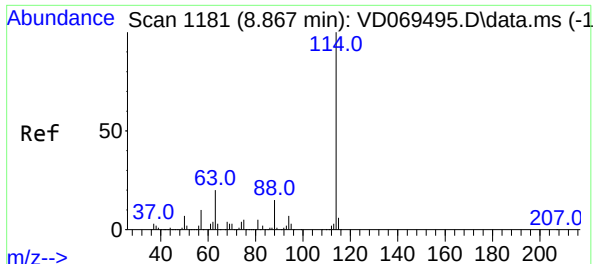
Tgt Ion:168 Resp: 14676
Ion Ratio Lower Upper
168 100
99 62.9 49.3 73.9



#33
1,2-Dichloroethane-d4
Concen: 89.819 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069612.D
Acq: 07 Jul 2021 17:02

Tgt Ion: 65 Resp: 16431
Ion Ratio Lower Upper
65 100
67 55.3 0.0 105.6



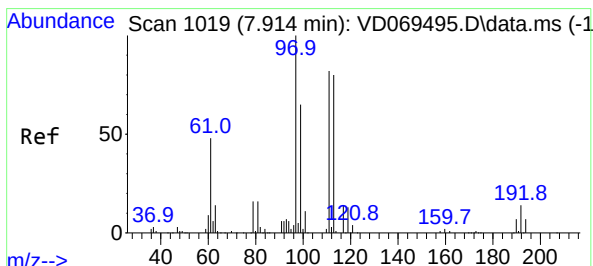
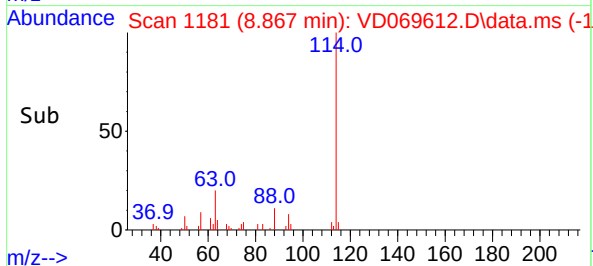
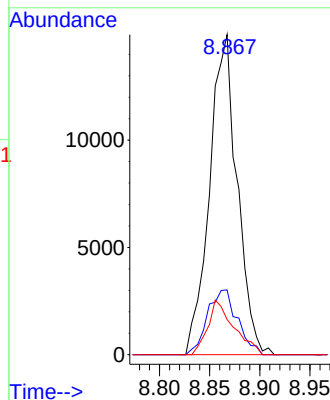
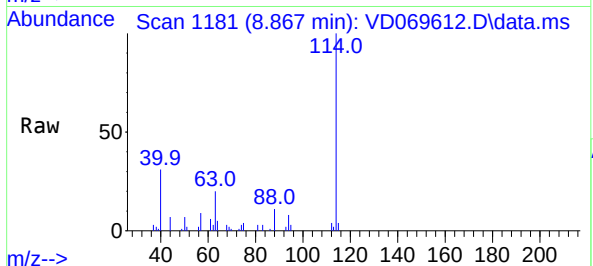


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069612.D
Acq: 07 Jul 2021 17:02

Instrument :
MSVOA_D
ClientSampleId :
TP-2

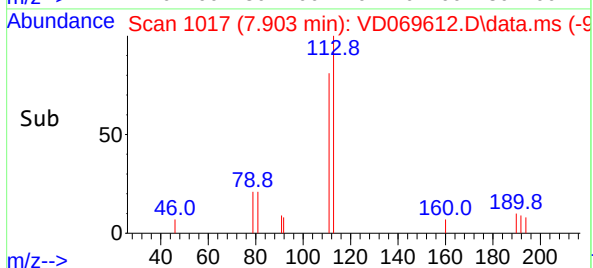
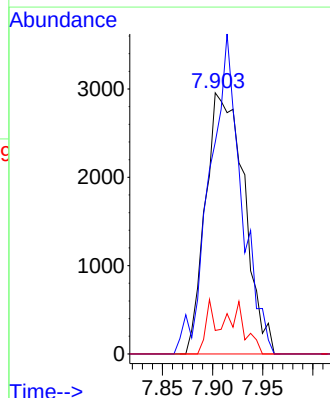
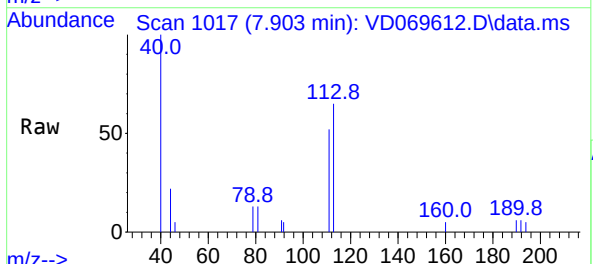
Tgt Ion:	114	Resp:	28611
Ion Ratio	Lower	Upper	
114	100		
63	20.2	0.0	39.6
88	11.0	0.0	29.8

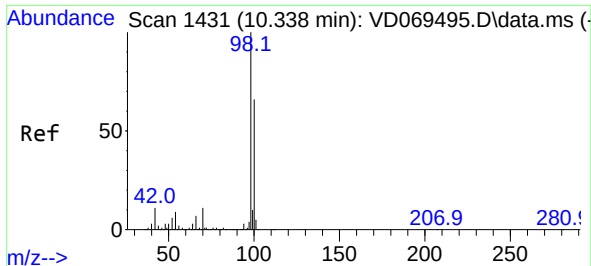


#35

Dibromofluoromethane
Concen: 40.878 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.012 min
Lab File: VD069612.D
Acq: 07 Jul 2021 17:02

Tgt Ion:	113	Resp:	7906
Ion Ratio	Lower	Upper	
113	100		
111	0.0	81.8	122.8#
192	5.9	13.8	20.6#

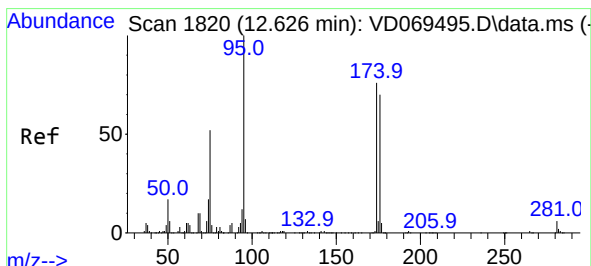
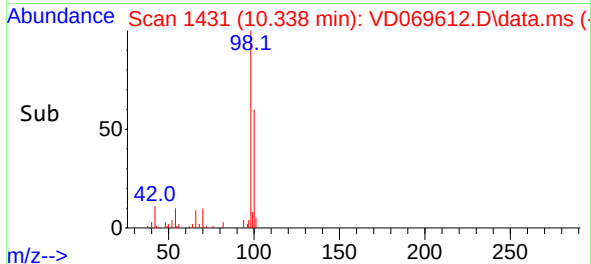
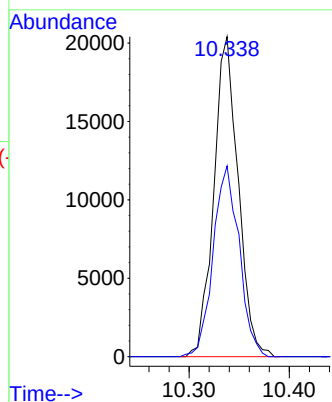
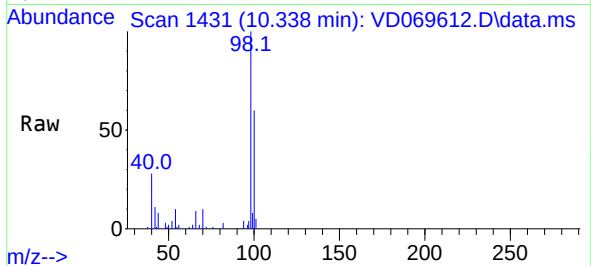




#50
Toluene-d8
Concen: 47.529 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069612.D
Acq: 07 Jul 2021 17:02

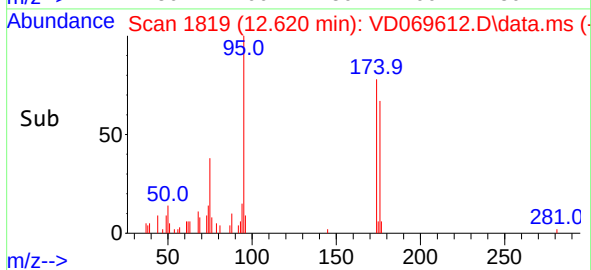
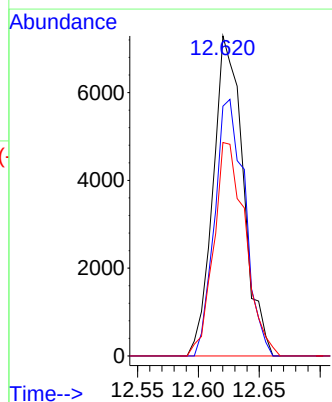
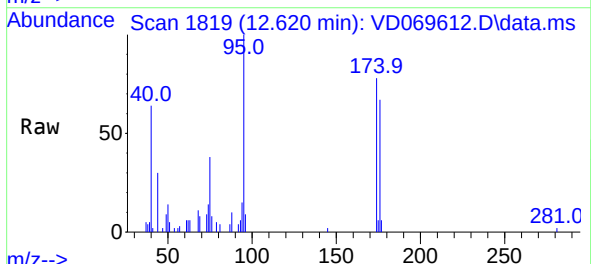
Instrument :
MSVOA_D
ClientSampleId :
TP-2

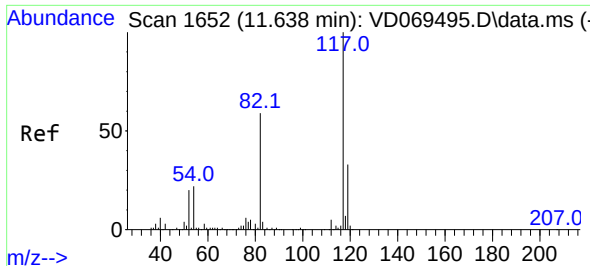
Tgt Ion: 98 Resp: 34480
Ion Ratio Lower Upper
98 100
100 63.5 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 52.471 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD069612.D
Acq: 07 Jul 2021 17:02

Tgt Ion: 95 Resp: 12514
Ion Ratio Lower Upper
95 100
174 80.6 0.0 148.0
176 70.1 0.0 139.8

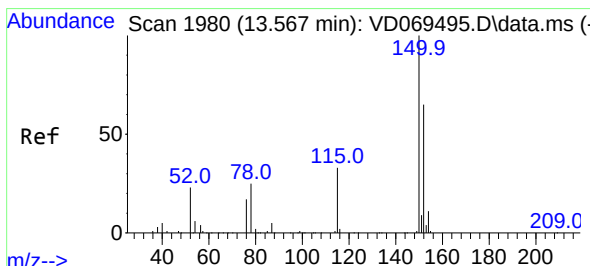
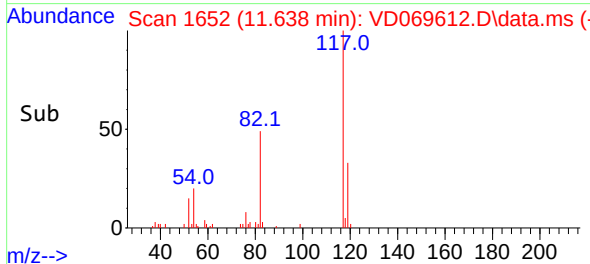
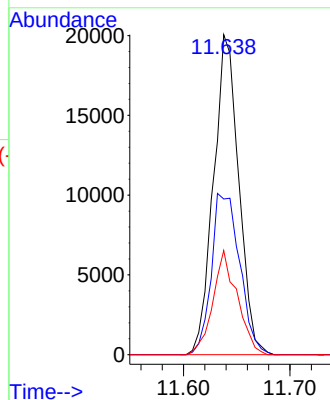
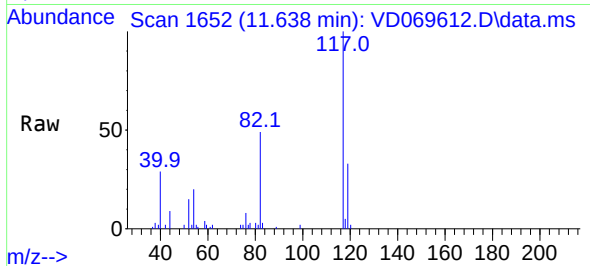




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD069612.D
Acq: 07 Jul 2021 17:02

Instrument :
MSVOA_D
ClientSampled :
TP-2

Tgt Ion:	117	Resp:	33029
Ion	Ratio	Lower	Upper
117	100		
82	48.6	46.8	70.2
119	32.5	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069612.D
Acq: 07 Jul 2021 17:02

Tgt Ion:	152	Resp:	12229
Ion	Ratio	Lower	Upper
152	100		
115	69.1	31.7	95.1
150	174.8	0.0	350.8

