

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072021\
 Data File : VD069773.D
 Acq On : 20 Jul 2021 16:48
 Operator : VA/SY
 Sample : M3038-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-06-5.5-6.0

Quant Time: Jul 21 03:26:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 14 06:00:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	8501	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	15732	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	16916	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	7274	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	6416	60.445	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.900%
35) Dibromofluoromethane	7.903	113	4168	39.491	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	78.980%
50) Toluene-d8	10.332	98	17325	42.253	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	84.500%
62) 4-Bromofluorobenzene	12.626	95	6690	48.921	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.840%

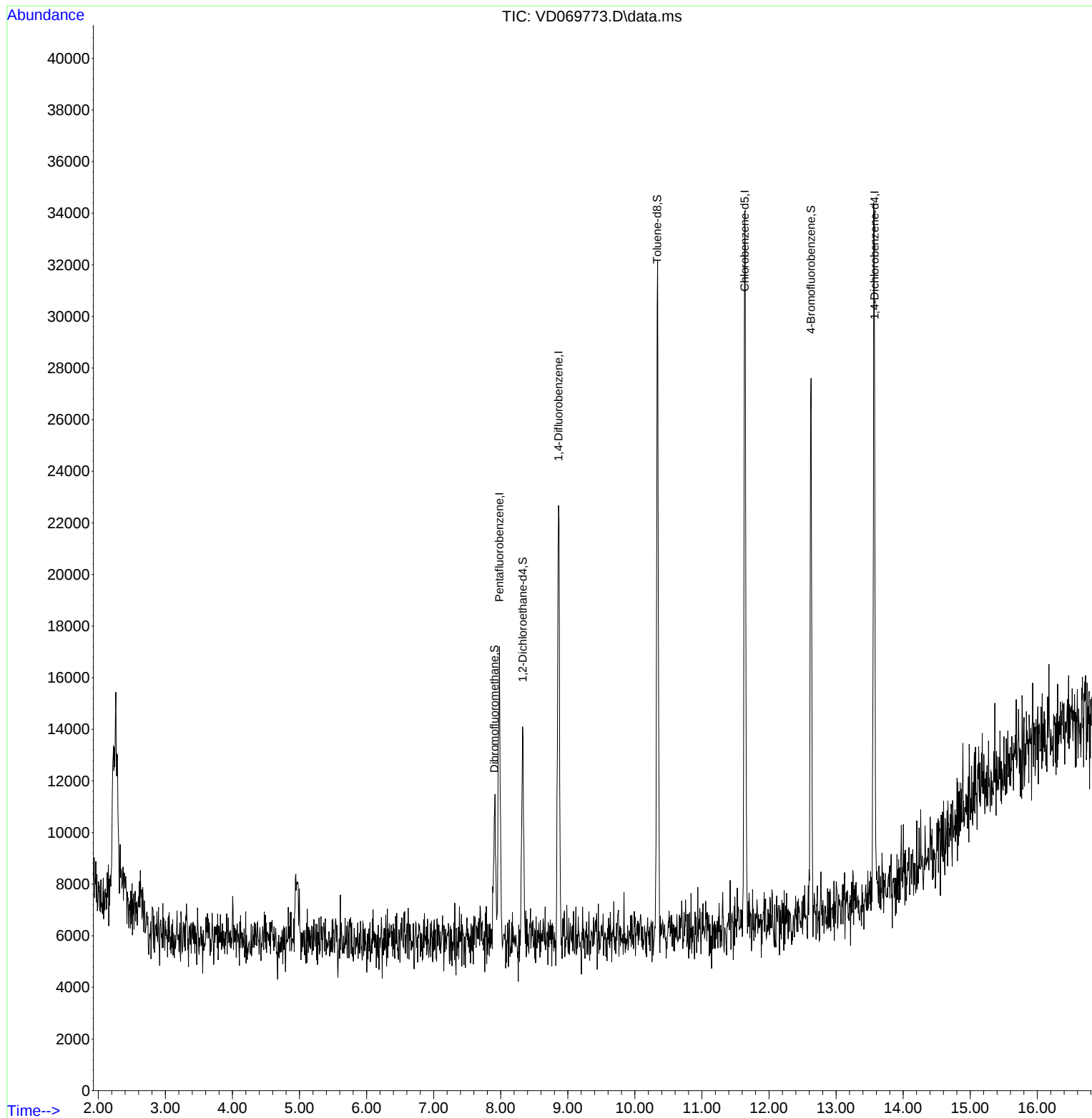
Target Compounds	Qvalue

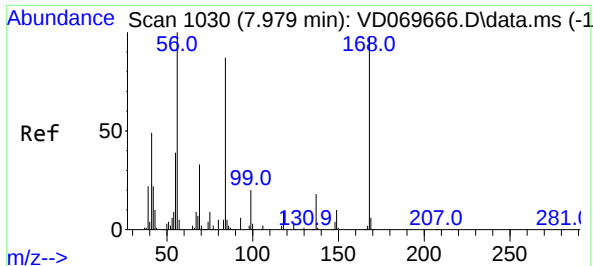
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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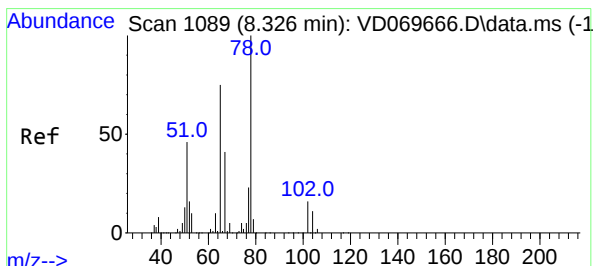
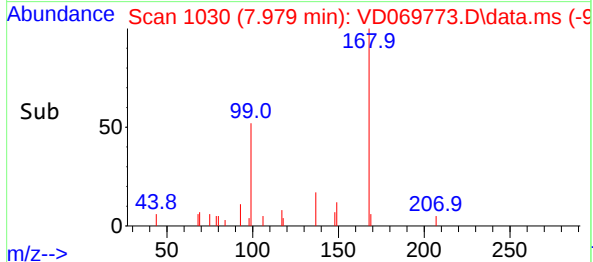
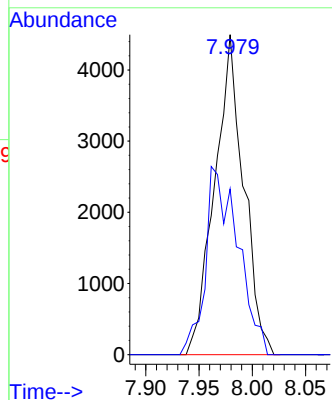
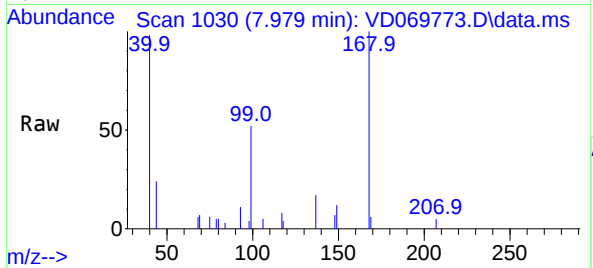




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069773.D
Acq: 20 Jul 2021 16:48

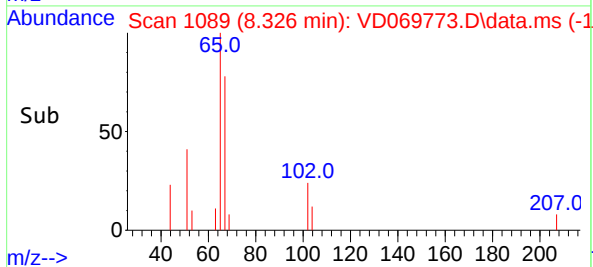
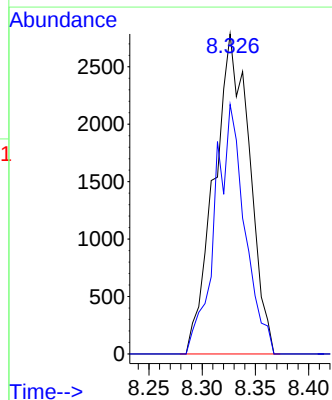
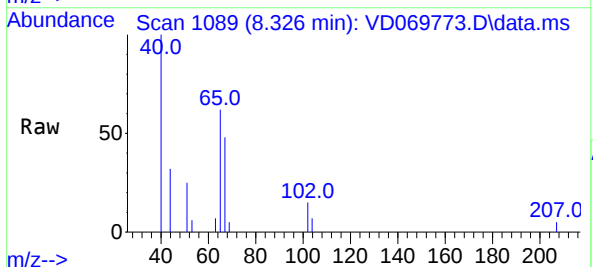
Instrument :
MSVOA_D
ClientSampleId :
SB-06-5.5-6.0

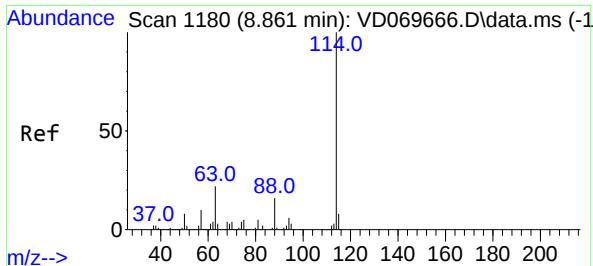
Tgt Ion:168 Resp: 8501
Ion Ratio Lower Upper
168 100
99 51.8 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 60.445 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD069773.D
Acq: 20 Jul 2021 16:48

Tgt Ion: 65 Resp: 6416
Ion Ratio Lower Upper
65 100
67 66.2 0.0 107.2



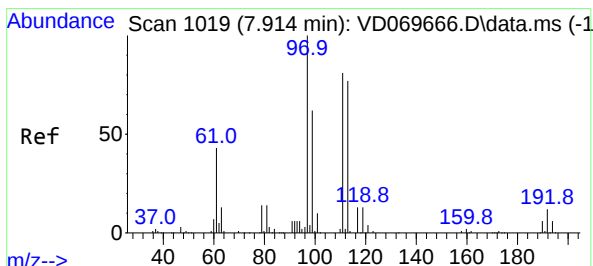
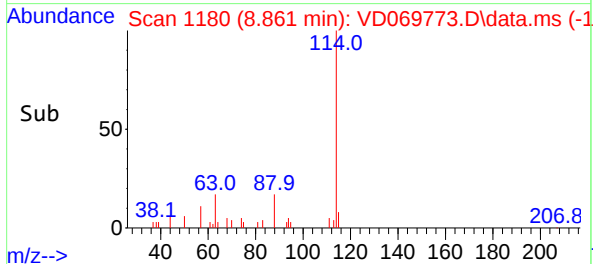
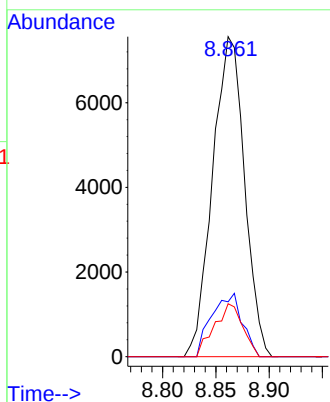
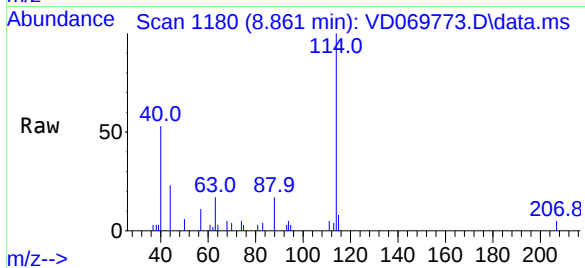


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069773.D
Acq: 20 Jul 2021 16:48

Instrument :
MSVOA_D
ClientSampleId :
SB-06-5.5-6.0

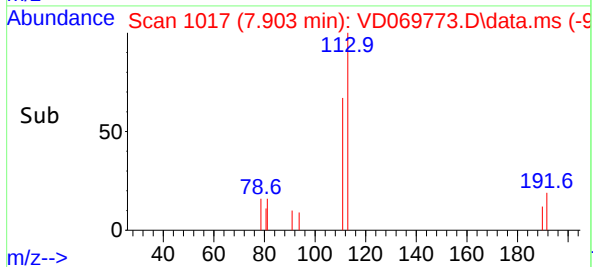
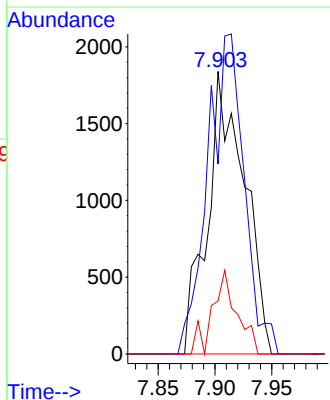
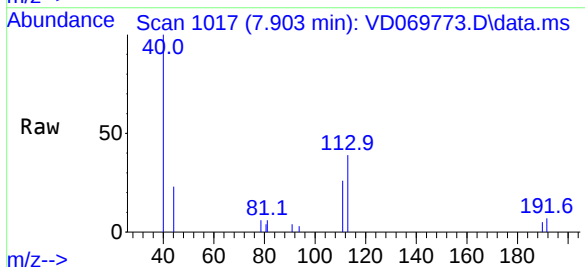
Tgt Ion:	114	Resp:	15732
Ion Ratio	Lower	Upper	
114	100		
63	17.2	0.0	43.4
88	16.6	0.0	32.0

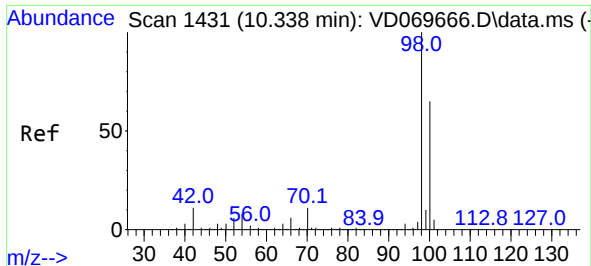


#35

Dibromofluoromethane
Concen: 39.491 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.011 min
Lab File: VD069773.D
Acq: 20 Jul 2021 16:48

Tgt Ion:	113	Resp:	4168
Ion Ratio	Lower	Upper	
113	100		
111	110.6	82.6	123.8
192	19.6	12.7	19.1#

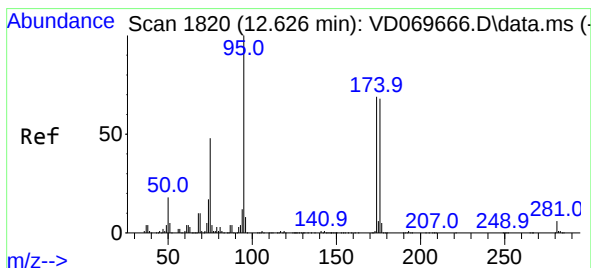
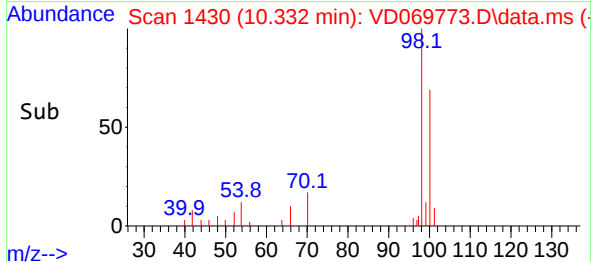
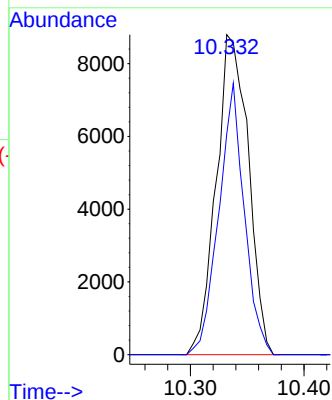
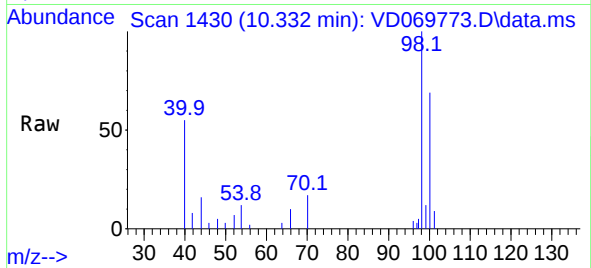




#50
Toluene-d8
Concen: 42.253 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD069773.D
Acq: 20 Jul 2021 16:48

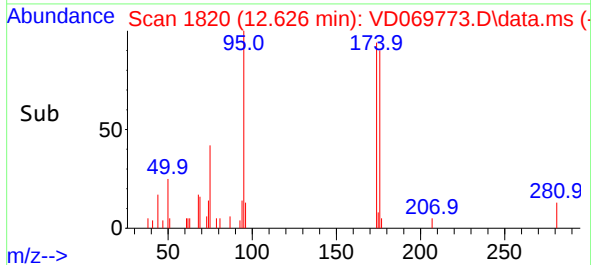
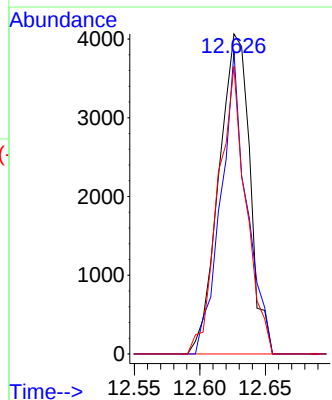
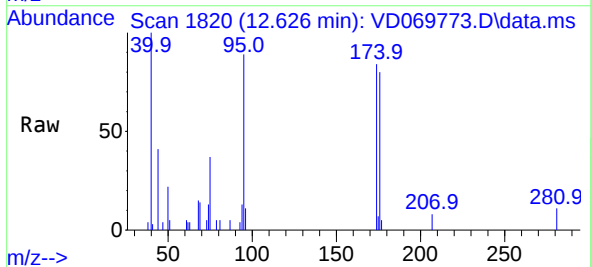
Instrument :
MSVOA_D
ClientSampleId :
SB-06-5.5-6.0

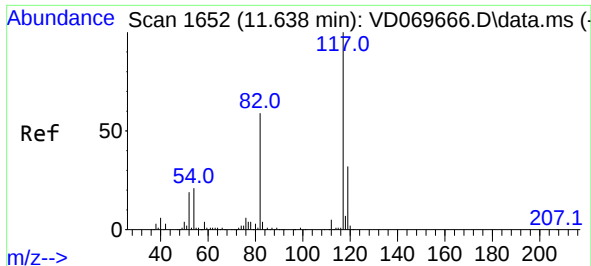
Tgt Ion: 98 Resp: 17325
Ion Ratio Lower Upper
98 100
100 67.5 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 48.921 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069773.D
Acq: 20 Jul 2021 16:48

Tgt Ion: 95 Resp: 6690
Ion Ratio Lower Upper
95 100
174 78.0 0.0 140.0
176 80.9 0.0 136.2

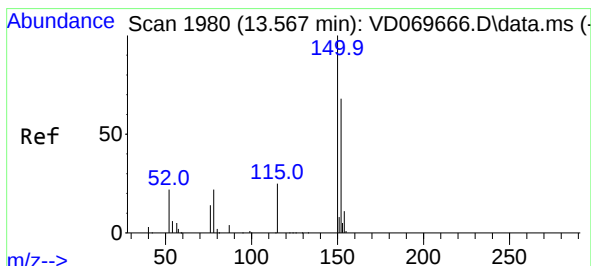
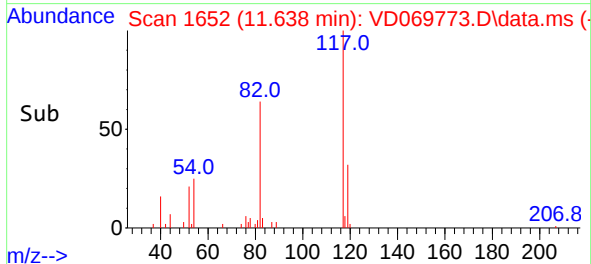
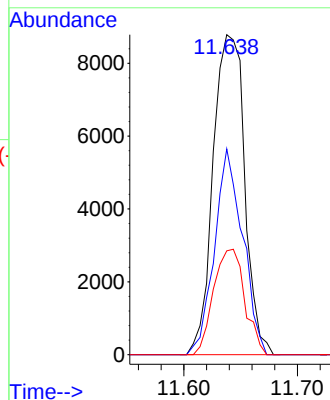
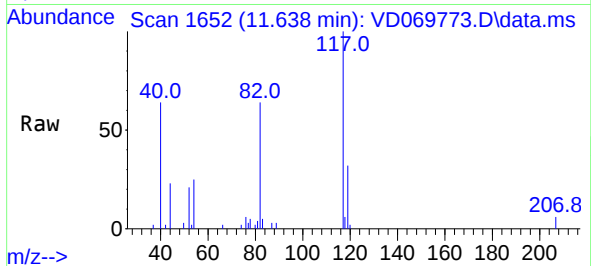




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069773.D
Acq: 20 Jul 2021 16:48

Instrument :
MSVOA_D
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SB-06-5.5-6.0

Tgt Ion:	117	Resp:	16916
Ion	Ratio	Lower	Upper
117	100		
82	64.3	47.4	71.2
119	32.4	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.006 min
Lab File: VD069773.D
Acq: 20 Jul 2021 16:48

Tgt Ion:	152	Resp:	7274
Ion	Ratio	Lower	Upper
152	100		
115	59.8	31.7	95.1
150	145.7	0.0	350.4

