

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071921\
 Data File : VD069751.D
 Acq On : 19 Jul 2021 14:55
 Operator : VA/SY
 Sample : M3038-05
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-09-5.5-6.0

Quant Time: Jul 20 02:12:34 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	8954	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	15886	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	17544	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	7857	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	8489	75.929	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	151.860%
35) Dibromofluoromethane	7.914	113	4029	37.804	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	75.600%
50) Toluene-d8	10.344	98	18552	44.806	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.620%
62) 4-Bromofluorobenzene	12.614	95	7388	53.502	ug/l	-0.01
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.000%

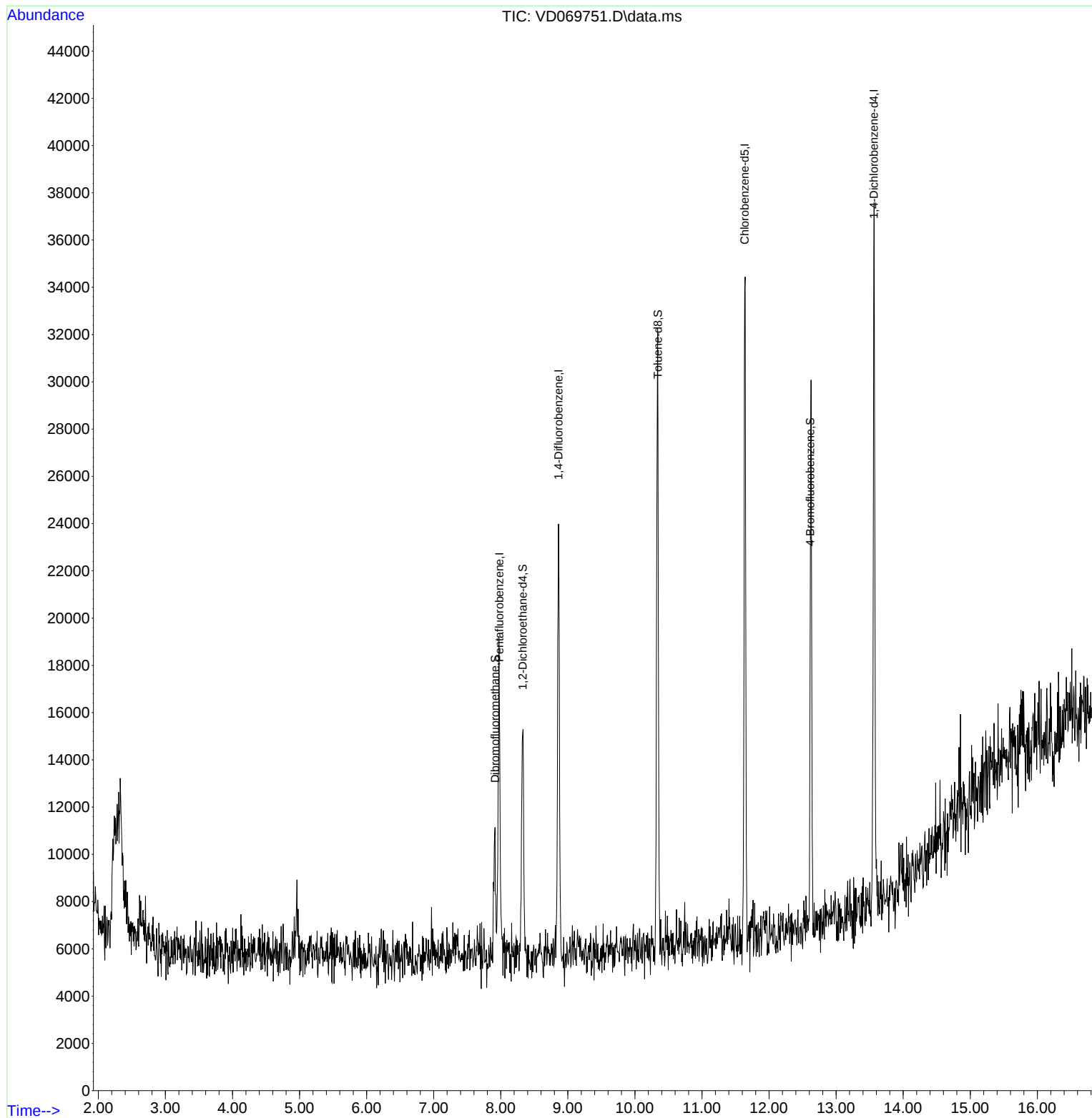
Target Compounds	Qvalue

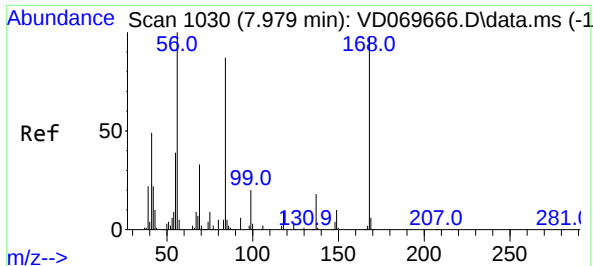
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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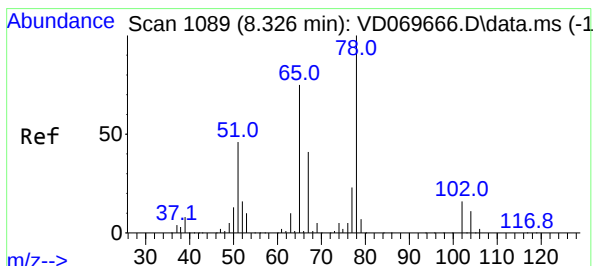
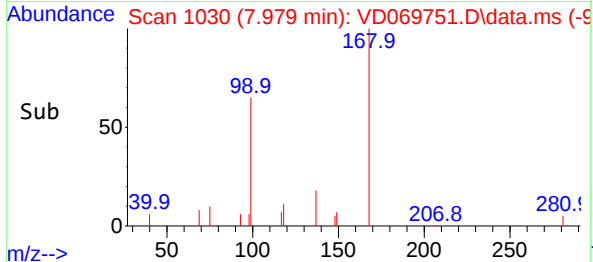
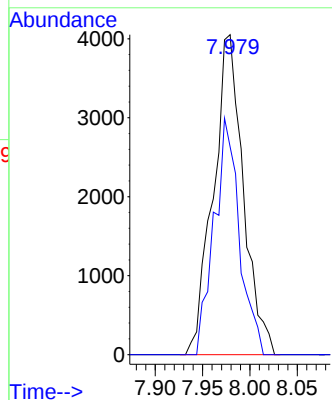
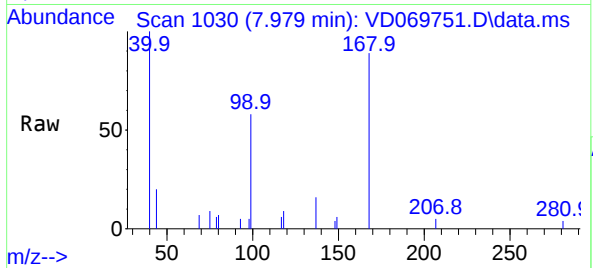




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069751.D
Acq: 19 Jul 2021 14:55

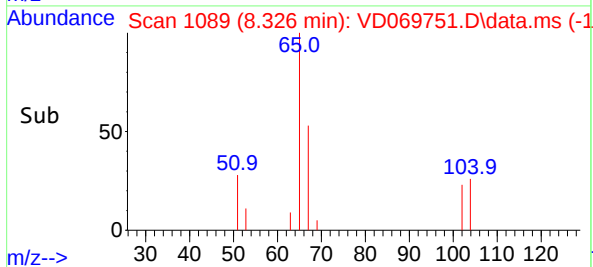
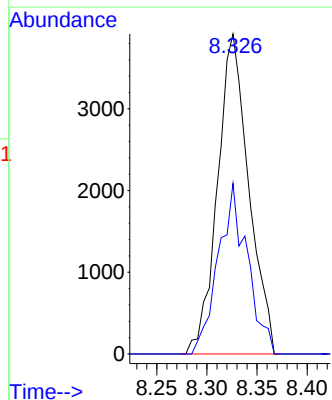
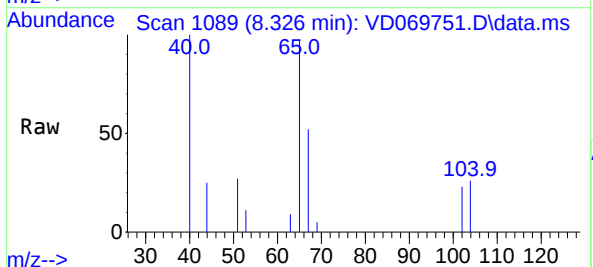
Instrument :
MSVOA_D
ClientSampleId :
SB-09-5.5-6.0

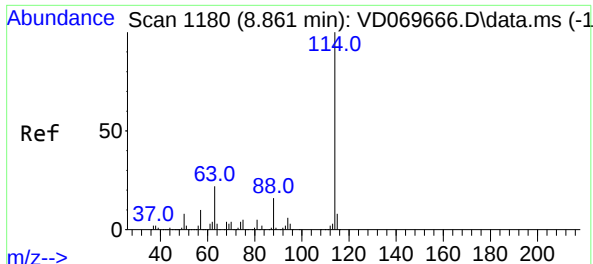
Tgt Ion:168 Resp: 8954
Ion Ratio Lower Upper
168 100
99 65.0 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 75.929 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD069751.D
Acq: 19 Jul 2021 14:55

Tgt Ion: 65 Resp: 8489
Ion Ratio Lower Upper
65 100
67 49.4 0.0 107.2

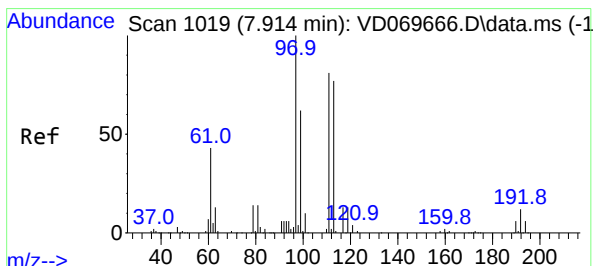
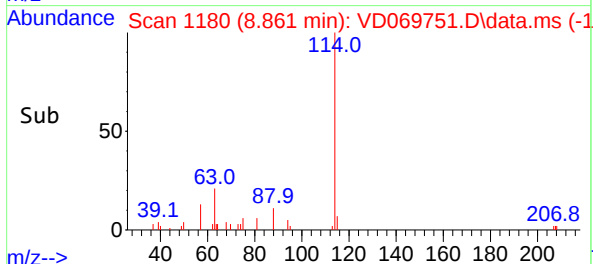
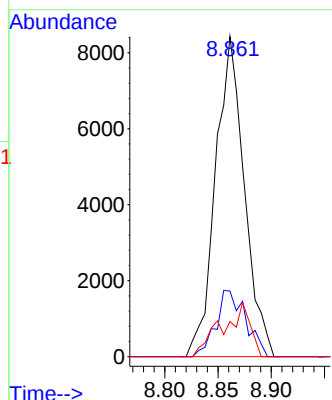
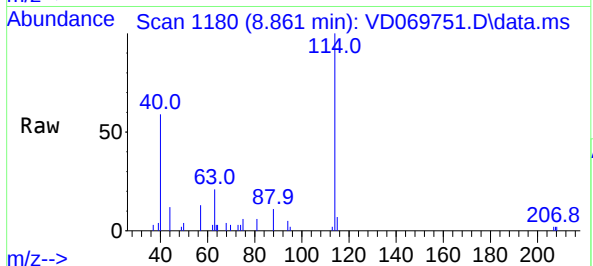




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069751.D
Acq: 19 Jul 2021 14:55

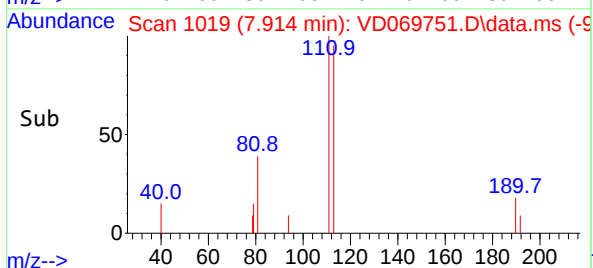
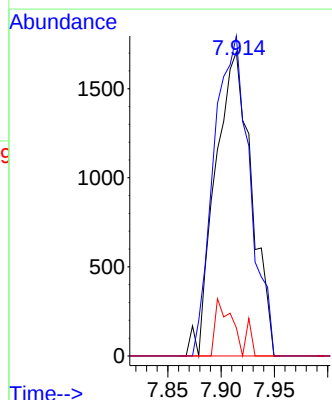
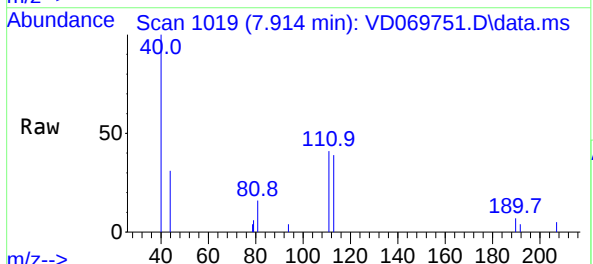
Instrument :
MSVOA_D
ClientSampleId :
SB-09-5.5-6.0

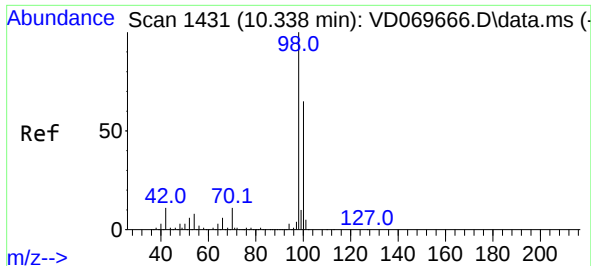
Tgt Ion:	114	Resp:	15886
Ion Ratio	Lower	Upper	
114	100		
63	23.1	0.0	43.4
88	11.0	0.0	32.0



#35
Dibromofluoromethane
Concen: 37.804 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069751.D
Acq: 19 Jul 2021 14:55

Tgt Ion:	113	Resp:	4029
Ion Ratio	Lower	Upper	
113	100		
111	104.4	82.6	123.8
192	8.2	12.7	19.1#

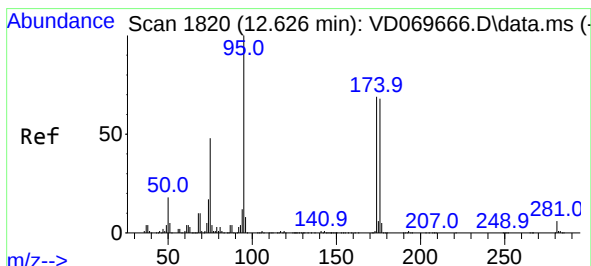
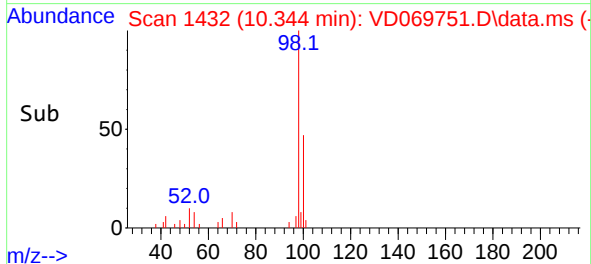
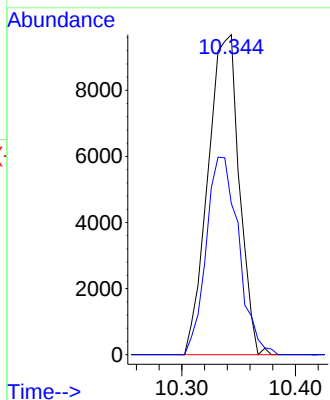
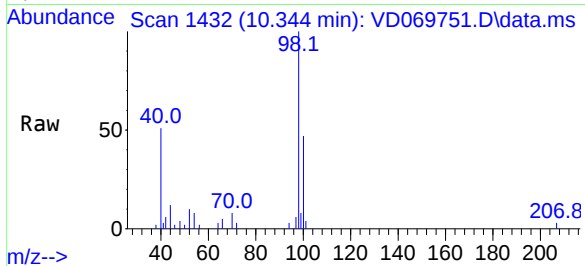




#50
Toluene-d8
Concen: 44.806 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.006 min
Lab File: VD069751.D
Acq: 19 Jul 2021 14:55

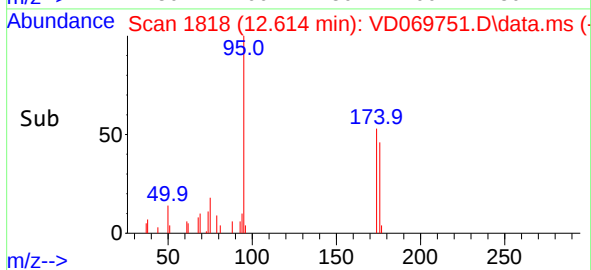
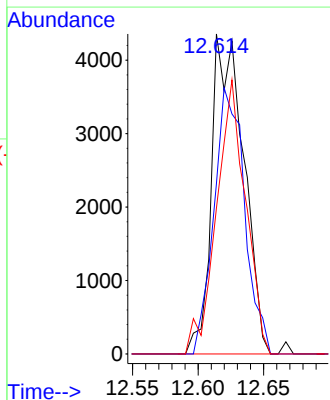
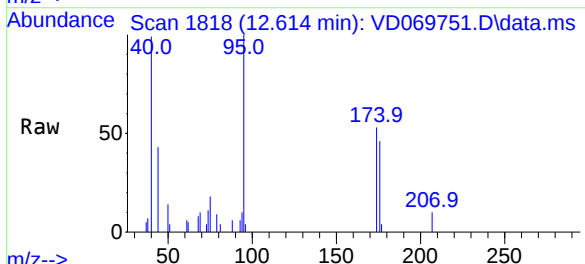
Instrument :
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SB-09-5.5-6.0

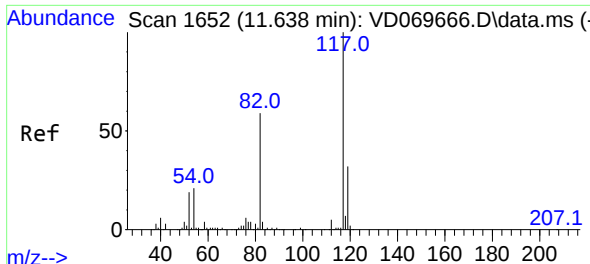
Tgt Ion: 98 Resp: 18552
Ion Ratio Lower Upper
98 100
100 63.9 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 53.502 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.012 min
Lab File: VD069751.D
Acq: 19 Jul 2021 14:55

Tgt Ion: 95 Resp: 7388
Ion Ratio Lower Upper
95 100
174 79.6 0.0 140.0
176 77.9 0.0 136.2

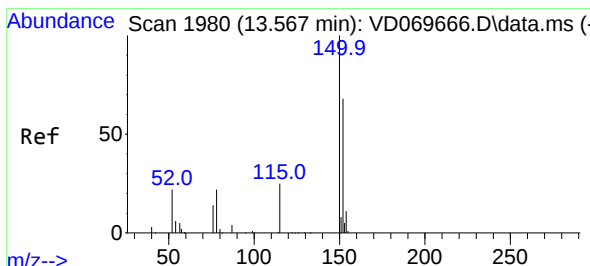
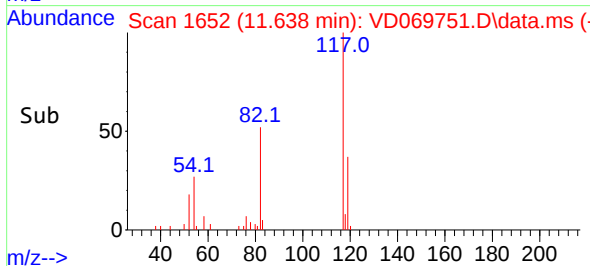
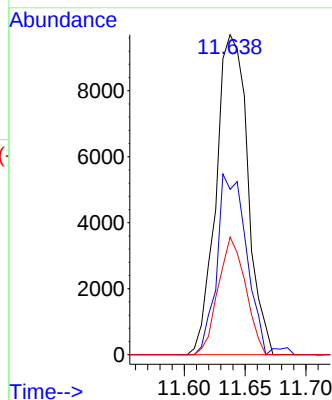
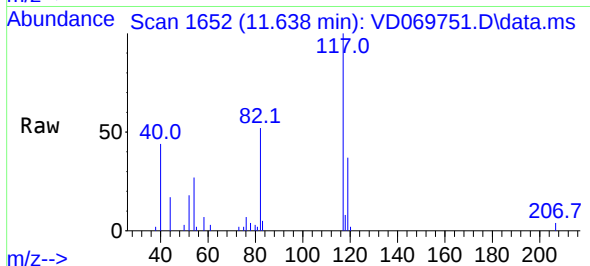




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069751.D
Acq: 19 Jul 2021 14:55

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SB-09-5.5-6.0

Tgt Ion:	117	Resp:	17544
Ion	Ratio	Lower	Upper
117	100		
82	51.7	47.4	71.2
119	36.7	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD069751.D
Acq: 19 Jul 2021 14:55

Tgt Ion:	152	Resp:	7857
Ion	Ratio	Lower	Upper
152	100		
115	65.3	31.7	95.1
150	156.1	0.0	350.4

