

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072221\
 Data File : VD069817.D
 Acq On : 22 Jul 2021 19:36
 Operator : VA/SY
 Sample : M3117-07
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NJ-CLEAN-7

Quant Time: Jul 23 05:03:56 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)

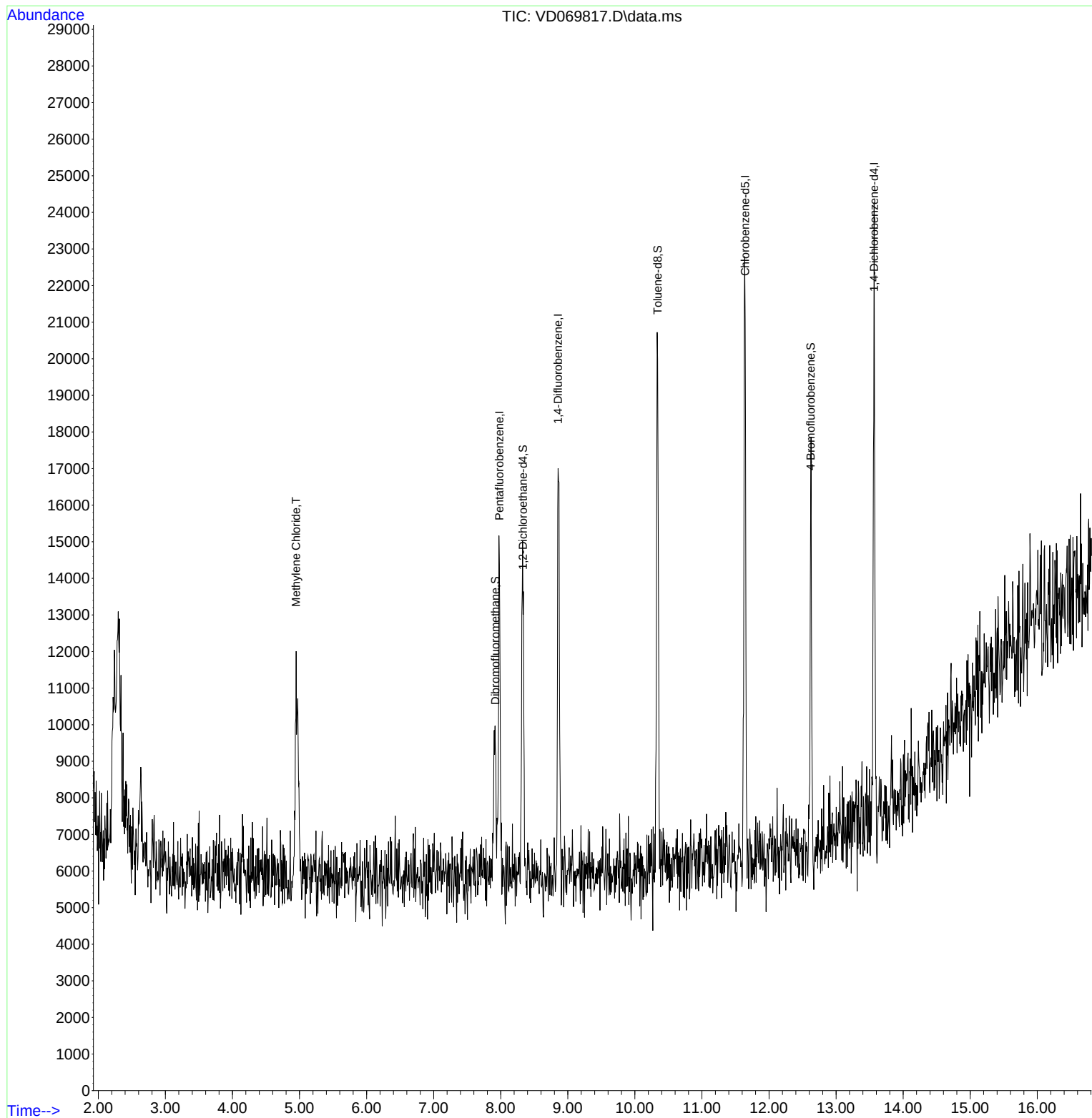
Internal Standards						
1) Pentafluorobenzene	7.979	168	5951	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.856	114	11190	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	11342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	4080	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	7471	109.158	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 218.320%#	
35) Dibromofluoromethane	7.920	113	3311	46.937	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 93.880%	
50) Toluene-d8	10.338	98	12347	45.393	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 90.780%	
62) 4-Bromofluorobenzene	12.620	95	3945	43.397	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 86.800%	
Target Compounds						
20) Methylene Chloride	4.950	84	4840	54.634	ug/l	Qvalue # 90

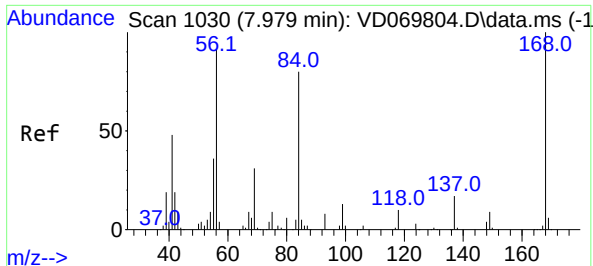
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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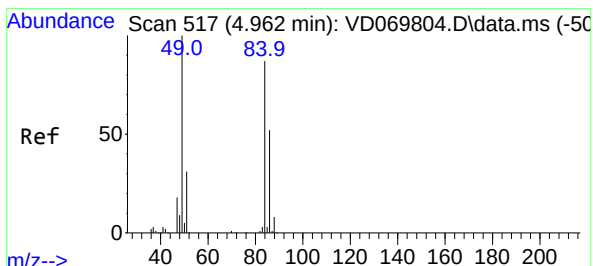
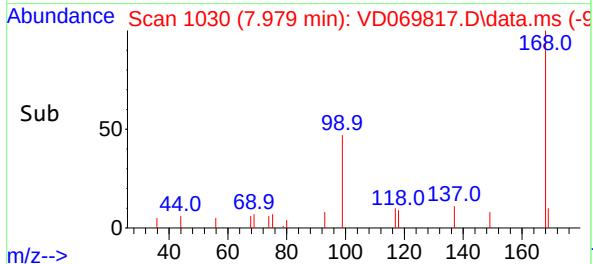
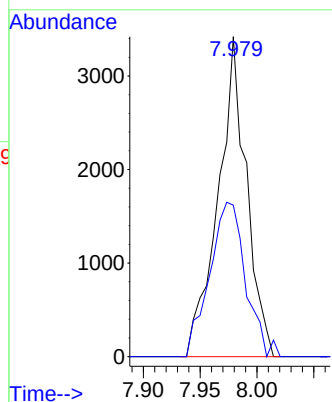
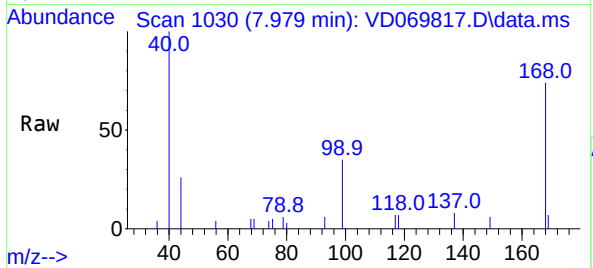




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069817.D
Acq: 22 Jul 2021 19:36

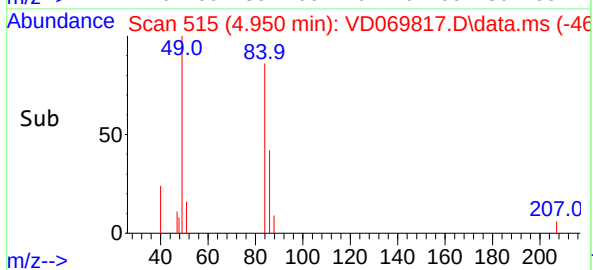
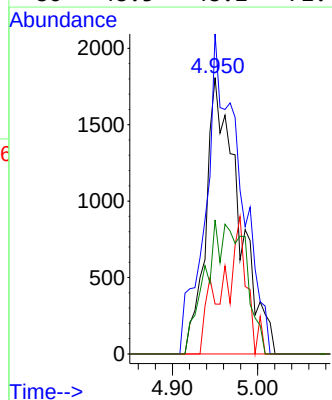
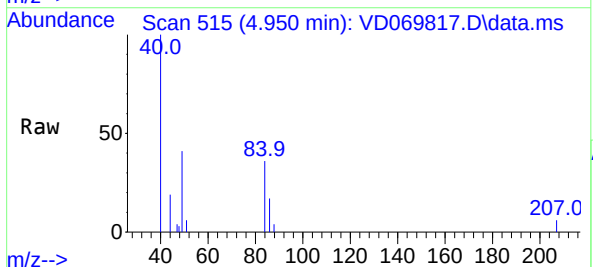
Instrument :
MSVOA_D
ClientSampleId :
NJ-CLEAN-7

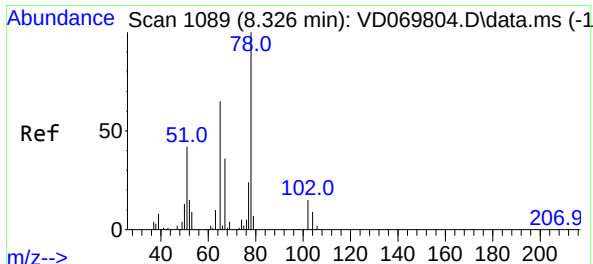
Tgt Ion:168 Resp: 5951
Ion Ratio Lower Upper
168 100
99 47.3 51.1 76.7#



#20
Methylene Chloride
Concen: 54.634 ug/l
RT: 4.950 min Scan# 515
Delta R.T. -0.012 min
Lab File: VD069817.D
Acq: 22 Jul 2021 19:36

Tgt Ion: 84 Resp: 4840
Ion Ratio Lower Upper
84 100
49 115.8 92.4 138.6
51 18.1 28.5 42.7#
86 48.5 48.2 72.4

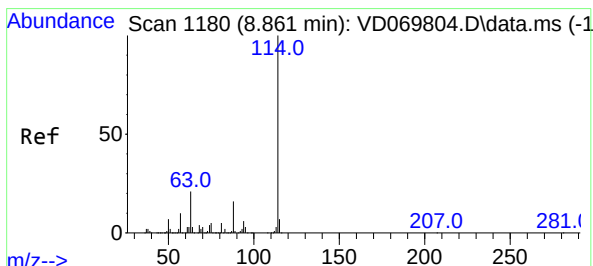
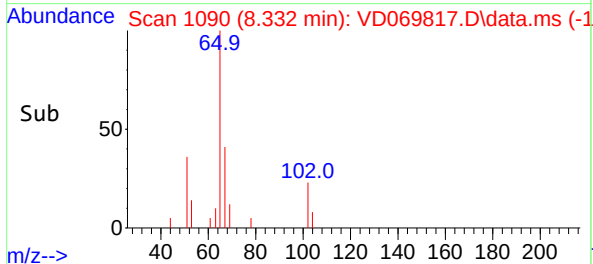
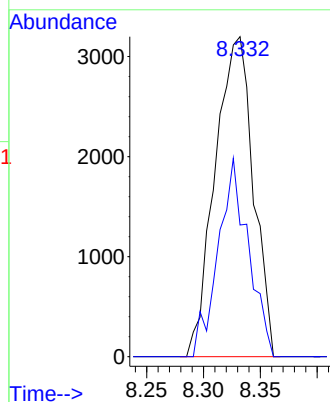
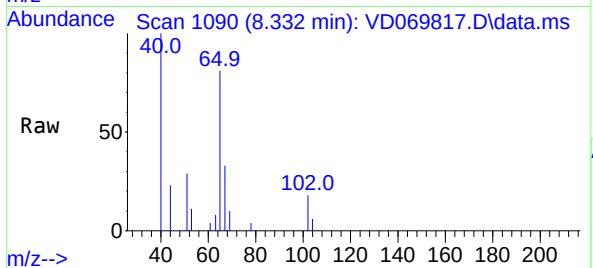




#33
1,2-Dichloroethane-d4
Concen: 109.158 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD069817.D
Acq: 22 Jul 2021 19:36

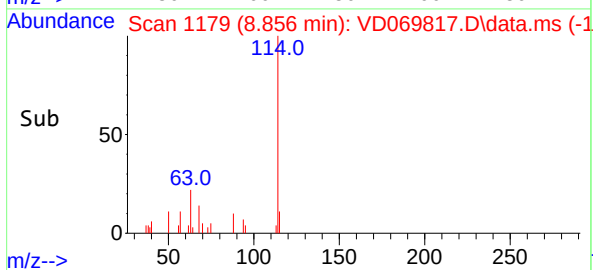
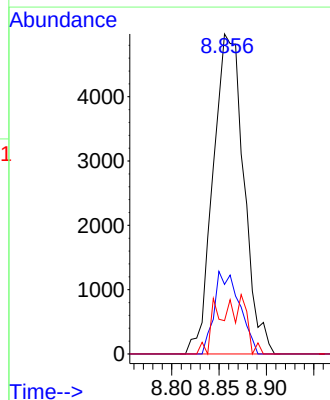
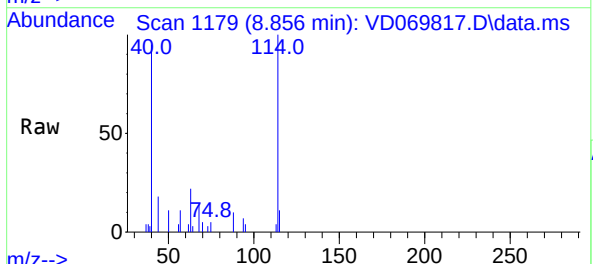
Instrument :
MSVOA_D
ClientSampleId :
NJ-CLEAN-7

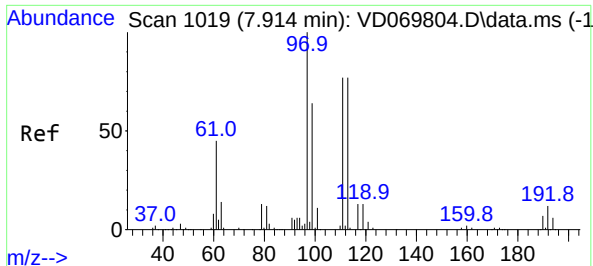
Tgt Ion: 65 Resp: 7471
Ion Ratio Lower Upper
65 100
67 49.0 0.0 111.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1179
Delta R.T. -0.005 min
Lab File: VD069817.D
Acq: 22 Jul 2021 19:36

Tgt Ion: 114 Resp: 11190
Ion Ratio Lower Upper
114 100
63 21.7 0.0 41.6
88 10.4 0.0 31.4

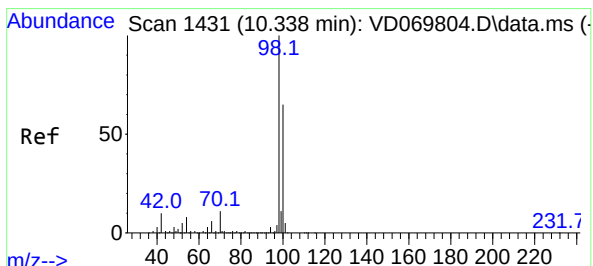
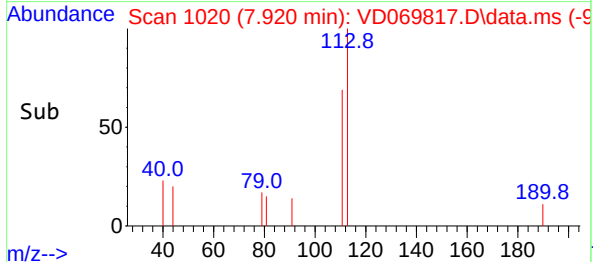
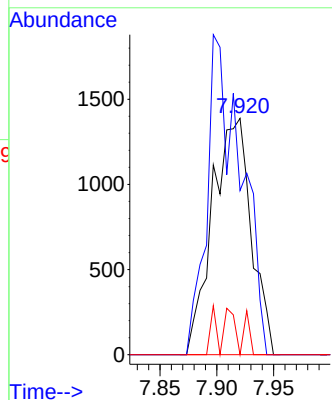
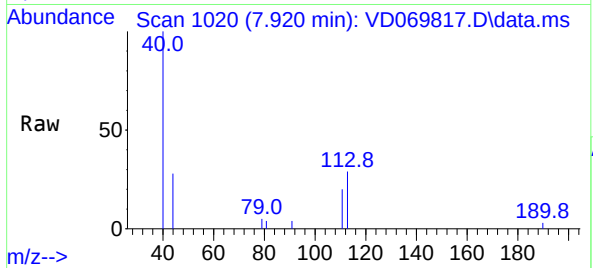




#35
Dibromofluoromethane
Concen: 46.937 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.006 min
Lab File: VD069817.D
Acq: 22 Jul 2021 19:36

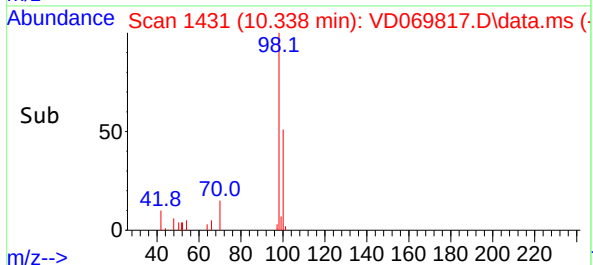
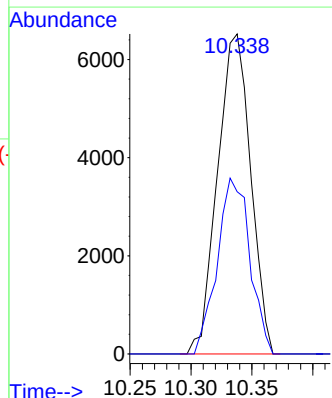
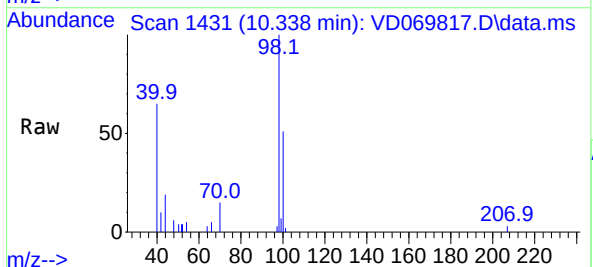
Instrument :
MSVOA_D
ClientSampleId :
NJ-CLEAN-7

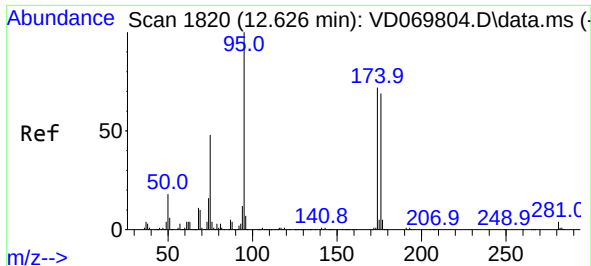
Tgt Ion:113 Resp: 3311
Ion Ratio Lower Upper
113 100
111 0.0 80.5 120.7#
192 8.2 12.6 19.0#



#50
Toluene-d8
Concen: 45.393 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069817.D
Acq: 22 Jul 2021 19:36

Tgt Ion: 98 Resp: 12347
Ion Ratio Lower Upper
98 100
100 54.1 51.9 77.9

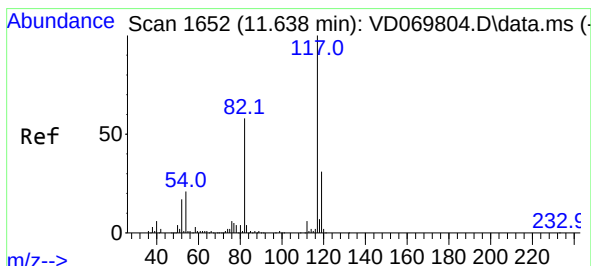
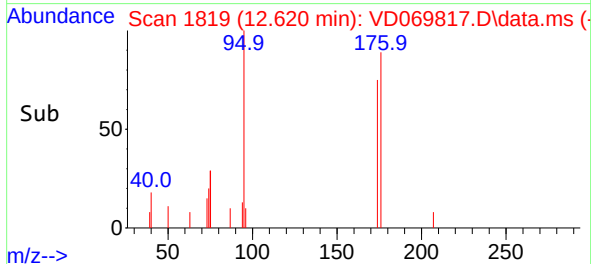
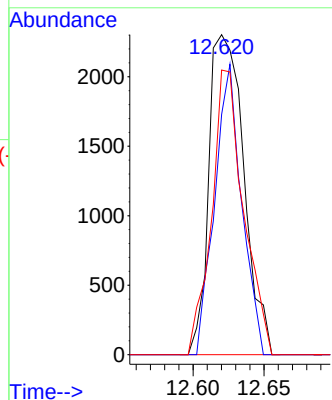
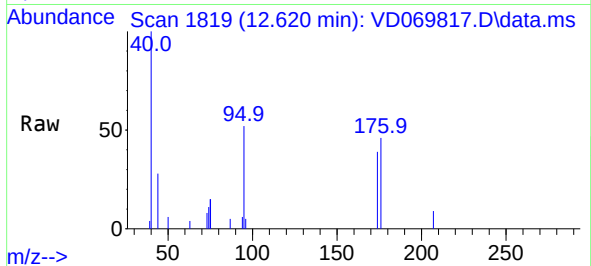




#62
4-Bromofluorobenzene
Concen: 43.397 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD069817.D
Acq: 22 Jul 2021 19:36

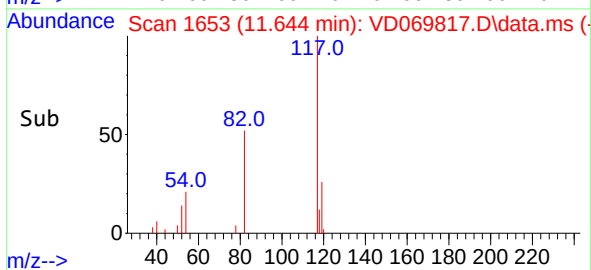
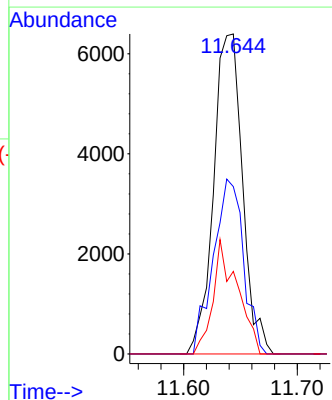
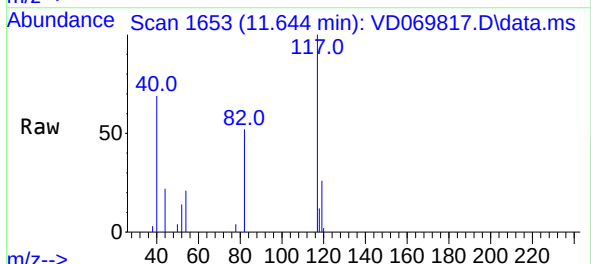
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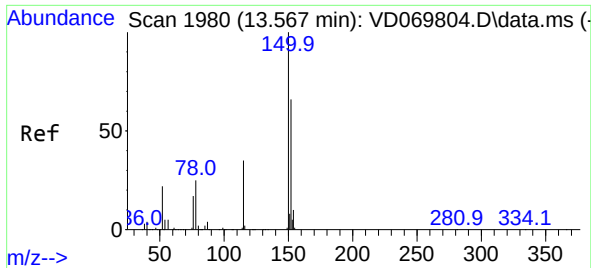
Tgt Ion:	95	Resp:	3945
Ion	Ratio	Lower	Upper
95	100		
174	69.7	0.0	142.6
176	81.3	0.0	134.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.006 min
Lab File: VD069817.D
Acq: 22 Jul 2021 19:36

Tgt Ion:	117	Resp:	11342
Ion	Ratio	Lower	Upper
117	100		
82	52.3	46.3	69.5
119	25.8	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: VD069817.D
 Acq: 22 Jul 2021 19:36

Instrument :
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Tgt Ion:	152	Resp:	4080
Ion	Ratio	Lower	Upper
152	100		
115	63.4	31.1	93.3
150	149.5	0.0	343.0

