

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072221\
 Data File : VD069808.D
 Acq On : 22 Jul 2021 15:23
 Operator : VA/SY
 Sample : VD0722SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0722SBL01

Quant Time: Jul 23 05:00:02 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)

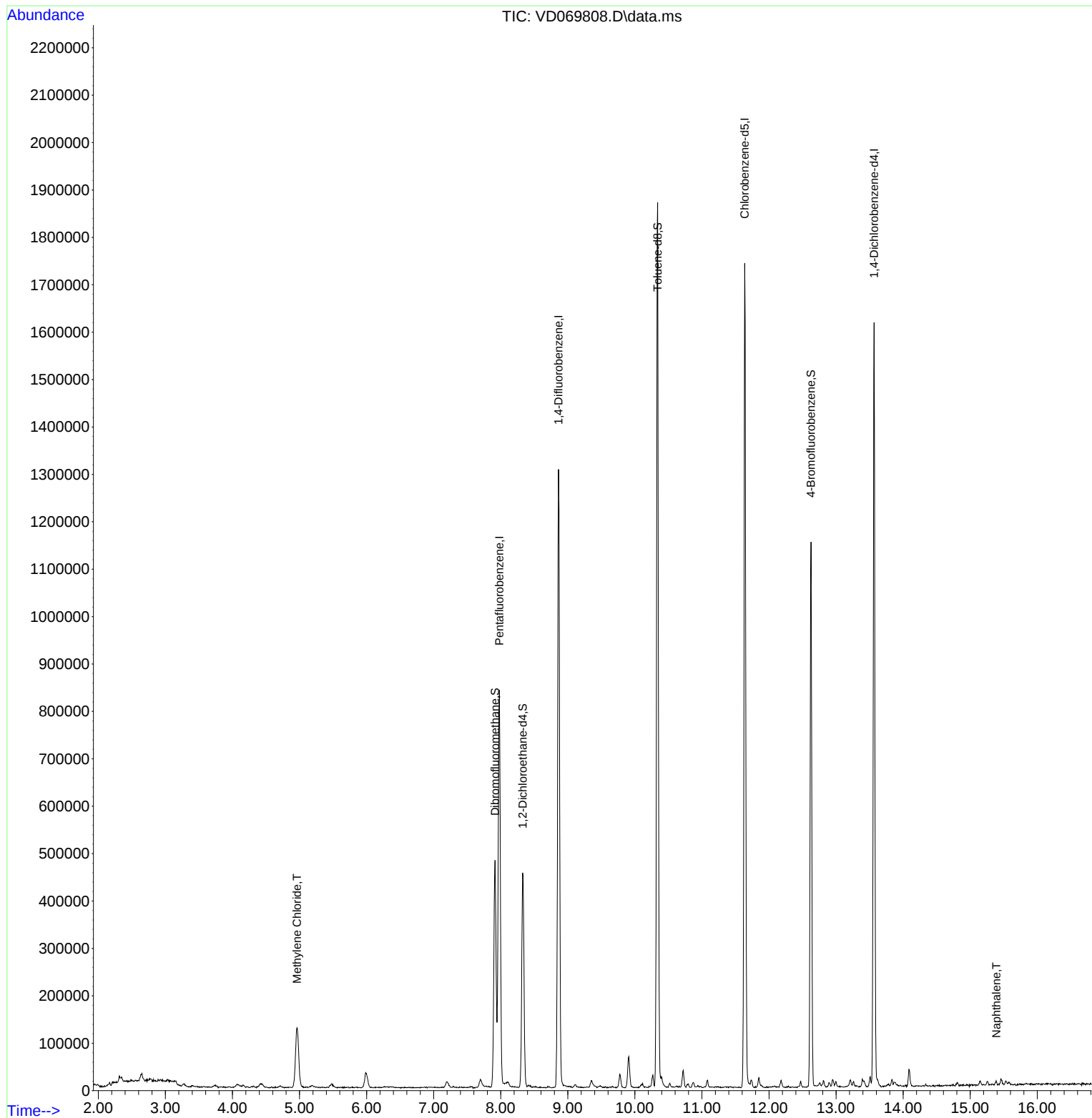
Internal Standards						
1) Pentafluorobenzene	7.979	168	589127	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1111608	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1016485	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	418732	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	366230	54.052	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.100%	
35) Dibromofluoromethane	7.914	113	352465	50.298	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.600%	
50) Toluene-d8	10.338	98	1293011	47.852	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.700%	
62) 4-Bromofluorobenzene	12.626	95	399358	44.224	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 88.440%	
Target Compounds						Qvalue
20) Methylene Chloride	4.962	84	105660	6.410	ug/l	93
95) Naphthalene	15.390	128	5323	5.349	ug/l	99

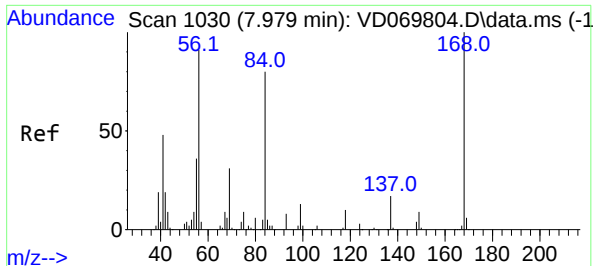
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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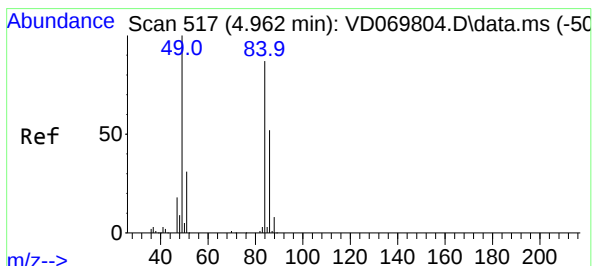
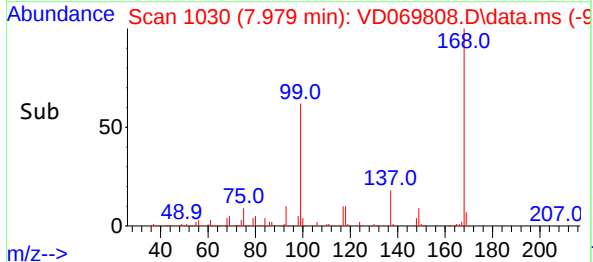
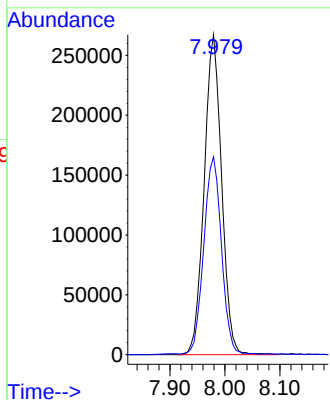
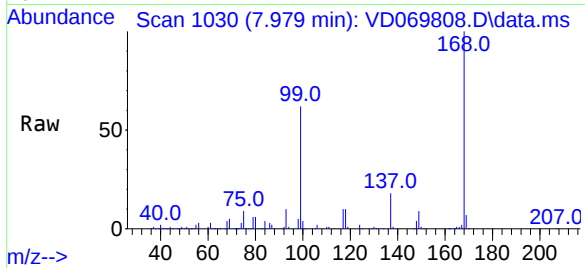




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069808.D
Acq: 22 Jul 2021 15:23

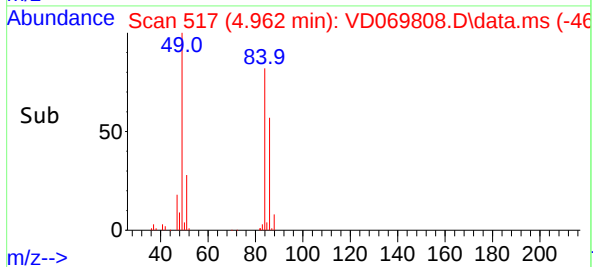
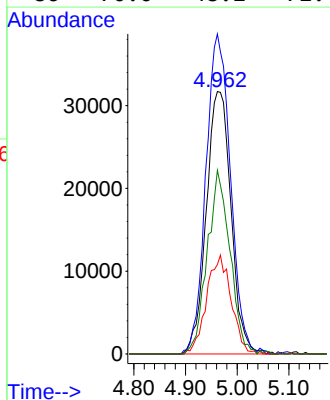
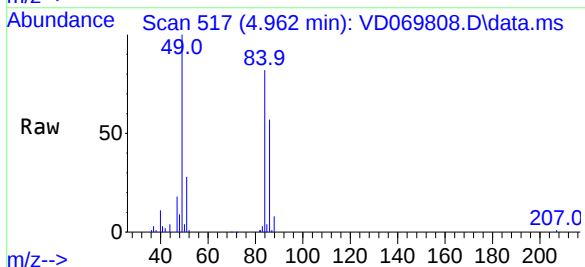
Instrument :
MSVOA_D
ClientSampleId :
VD0722SBL01

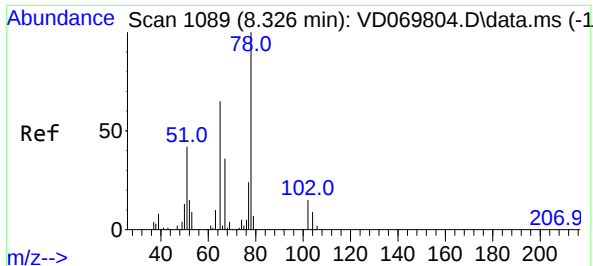
Tgt Ion:168 Resp: 589127
Ion Ratio Lower Upper
168 100
99 61.7 51.1 76.7



#20
Methylene Chloride
Concen: 6.410 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD069808.D
Acq: 22 Jul 2021 15:23

Tgt Ion: 84 Resp: 105660
Ion Ratio Lower Upper
84 100
49 122.0 92.4 138.6
51 34.1 28.5 42.7
86 70.0 48.2 72.4

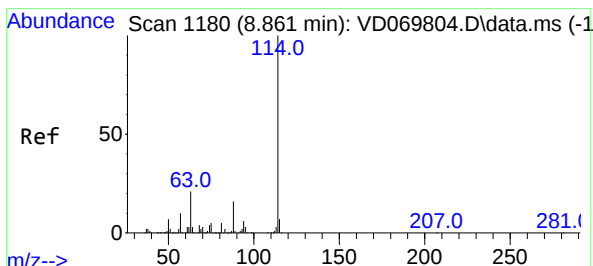
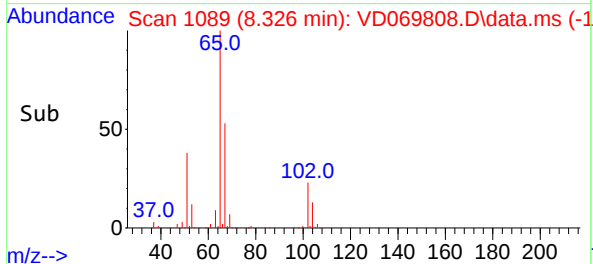
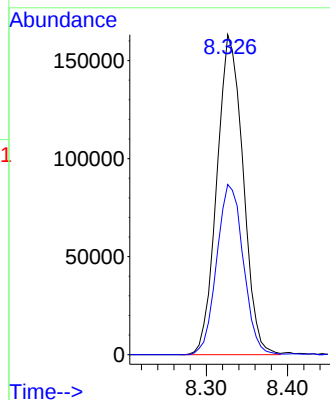
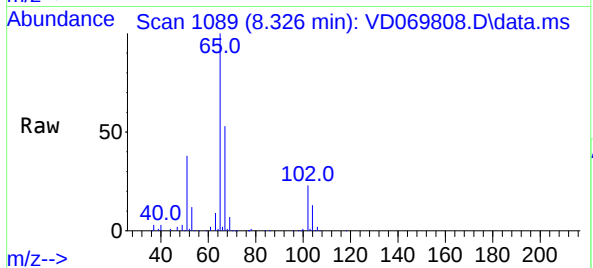




#33
1,2-Dichloroethane-d4
Concen: 54.052 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD069808.D
Acq: 22 Jul 2021 15:23

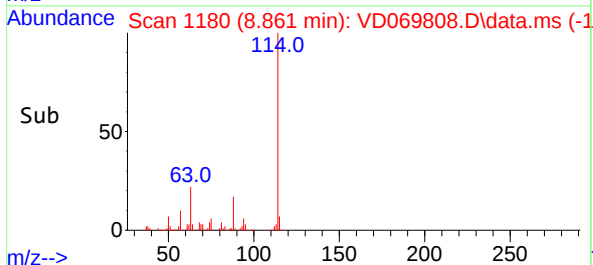
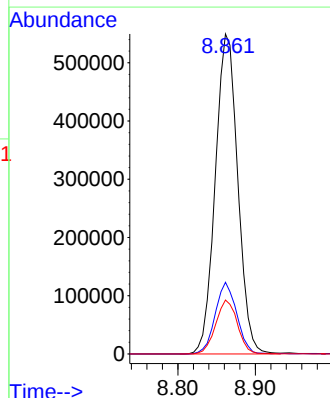
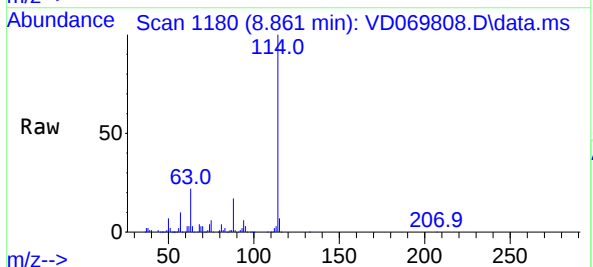
Instrument :
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ClientSampleId :
VD0722SBL01

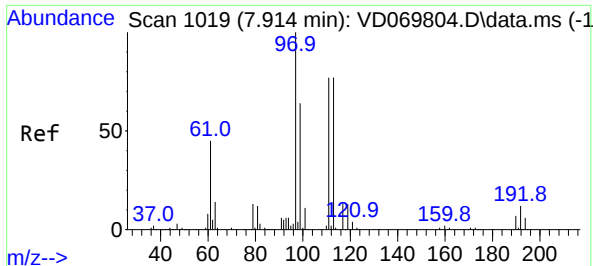
Tgt Ion: 65 Resp: 366230
Ion Ratio Lower Upper
65 100
67 53.9 0.0 111.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069808.D
Acq: 22 Jul 2021 15:23

Tgt Ion:114 Resp: 1111608
Ion Ratio Lower Upper
114 100
63 22.4 0.0 41.6
88 16.9 0.0 31.4

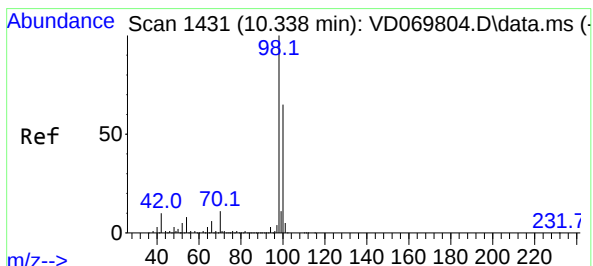
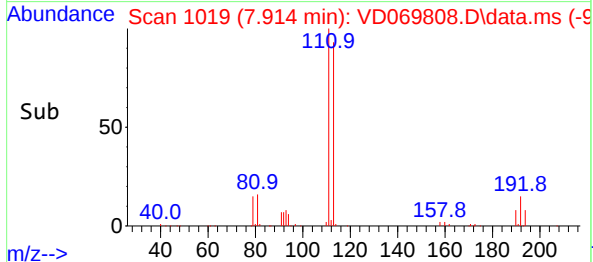
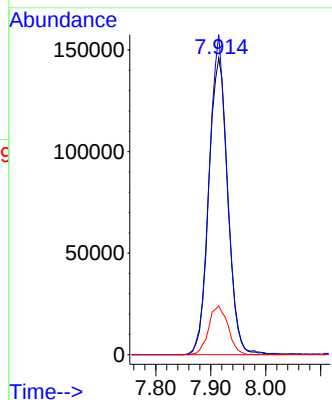
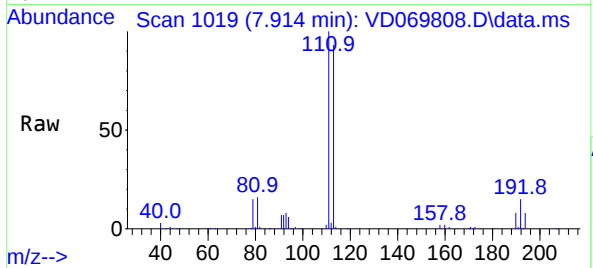




#35
Dibromofluoromethane
Concen: 50.298 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069808.D
Acq: 22 Jul 2021 15:23

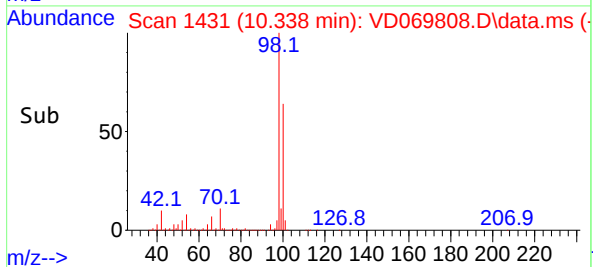
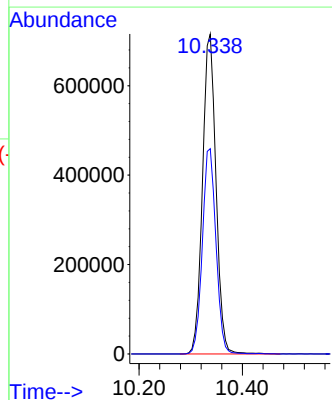
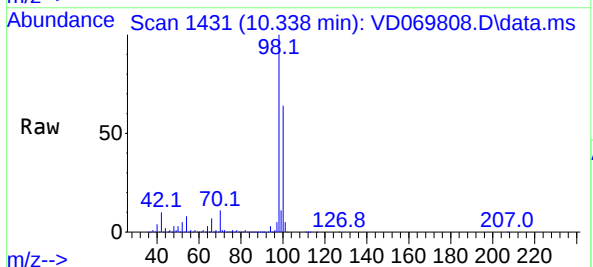
Instrument :
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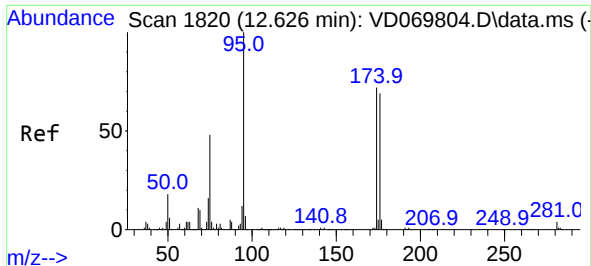
Tgt Ion:113 Resp: 352465
Ion Ratio Lower Upper
113 100
111 102.6 80.5 120.7
192 16.7 12.6 19.0



#50
Toluene-d8
Concen: 47.852 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069808.D
Acq: 22 Jul 2021 15:23

Tgt Ion: 98 Resp: 1293011
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9

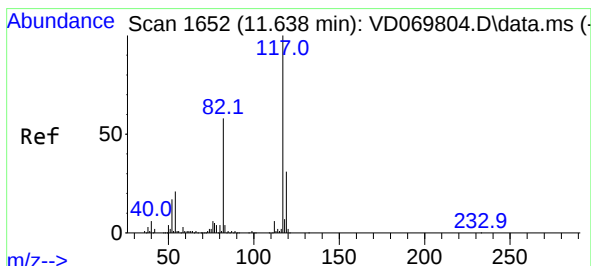
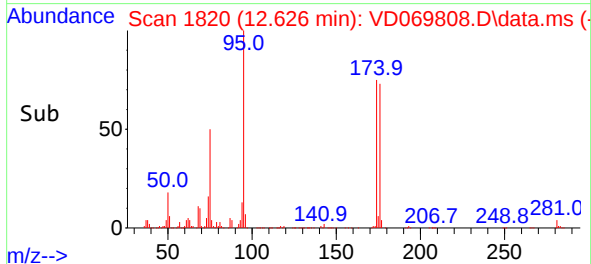
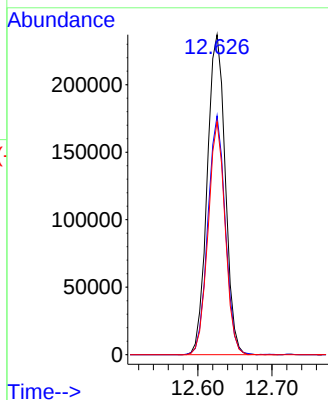
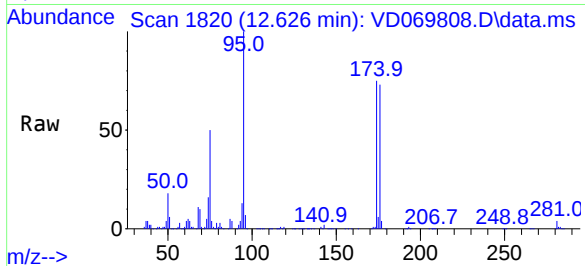




#62
4-Bromofluorobenzene
Concen: 44.224 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069808.D
Acq: 22 Jul 2021 15:23

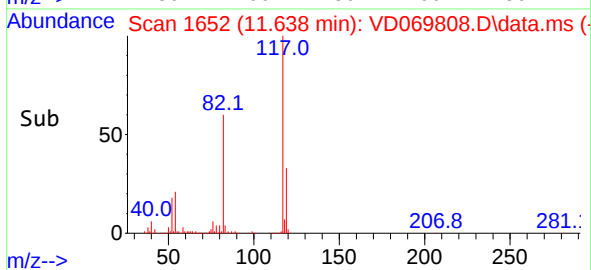
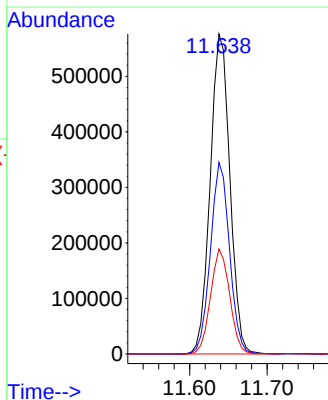
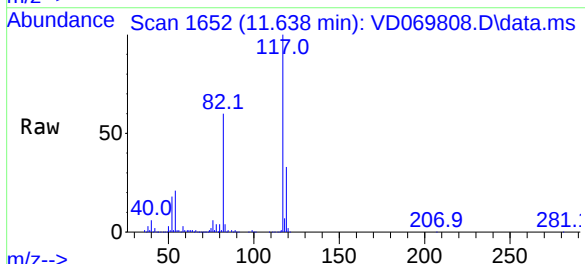
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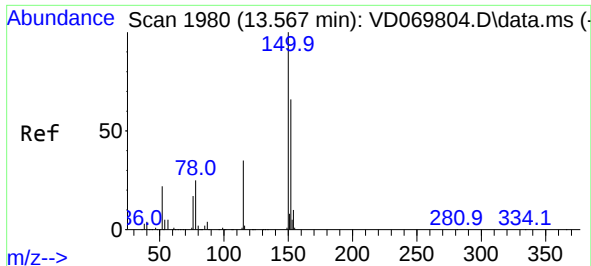
Tgt Ion: 95 Resp: 399358
Ion Ratio Lower Upper
95 100
174 72.3 0.0 142.6
176 68.7 0.0 134.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069808.D
Acq: 22 Jul 2021 15:23

Tgt Ion: 117 Resp: 1016485
Ion Ratio Lower Upper
117 100
82 59.8 46.3 69.5
119 32.8 24.7 37.1

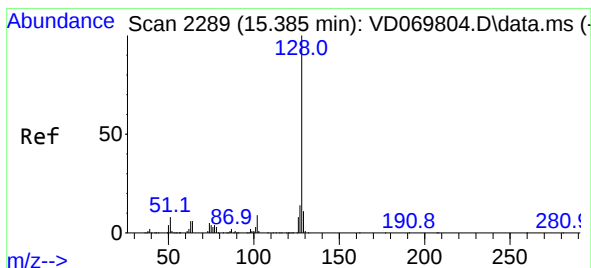
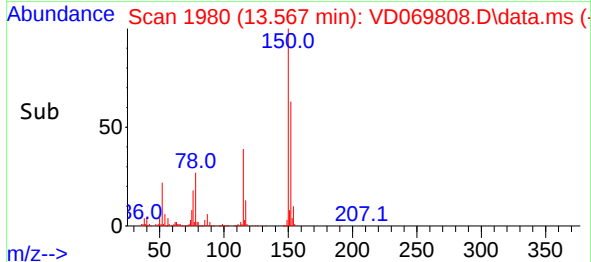
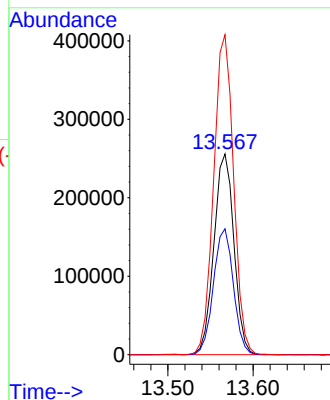
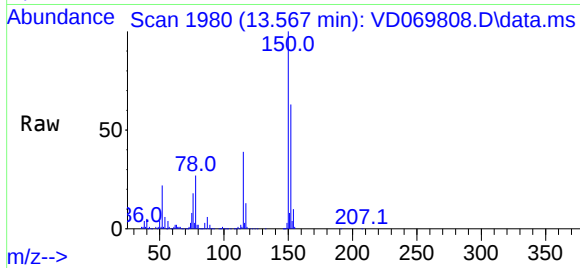




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069808.D
Acq: 22 Jul 2021 15:23

Instrument :
MSVOA_D
ClientSampleId :
VD0722SBL01

Tgt Ion:152 Resp: 418732
Ion Ratio Lower Upper
152 100
115 62.5 31.1 93.3
150 158.3 0.0 343.0



#95
Naphthalene
Concen: 5.349 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. 0.005 min
Lab File: VD069808.D
Acq: 22 Jul 2021 15:23

Tgt Ion:128 Resp: 5323
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 9.9 8.6 12.8

