

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072621\
 Data File : VD069853.D
 Acq On : 26 Jul 2021 17:48
 Operator : VA/SY
 Sample : M3076-01
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20210578-COM-1

Quant Time: Jul 27 05:12:33 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)

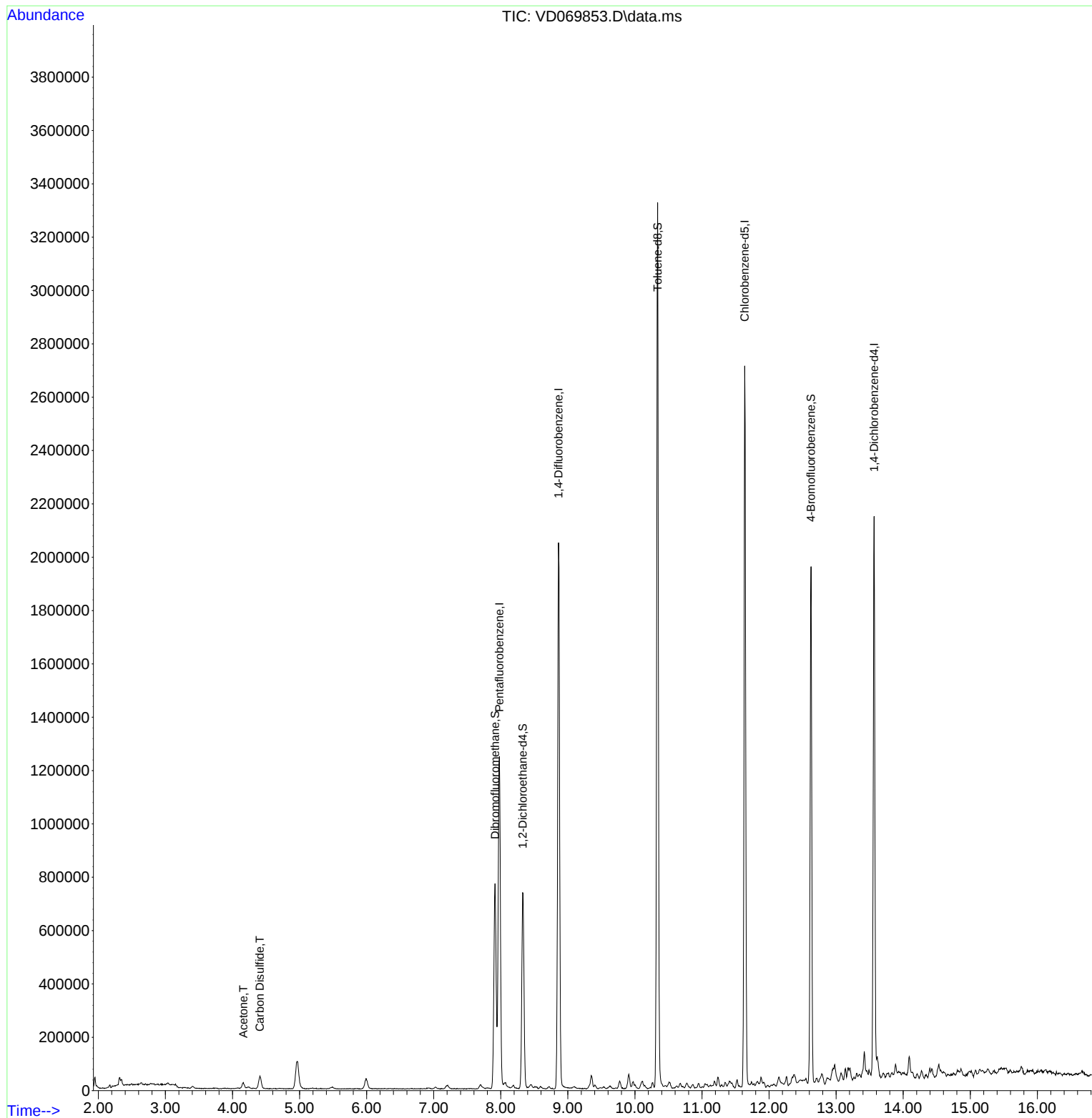
Internal Standards						
1) Pentafluorobenzene	7.979	168	905415	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1754409	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1549954	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	569146	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	597116	57.343	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.680%
35) Dibromofluoromethane	7.914	113	565302	51.113	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.220%
50) Toluene-d8	10.338	98	2208664	51.791	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.580%
62) 4-Bromofluorobenzene	12.626	95	667150	46.810	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.620%
Target Compounds						
						Qvalue
16) Acetone	4.161	43	35342	18.788	ug/l	# 83
17) Carbon Disulfide	4.409	76	98097	2.648	ug/l	98

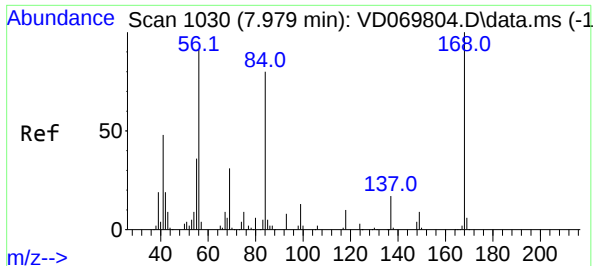
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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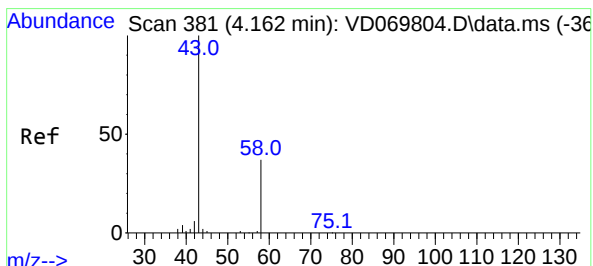
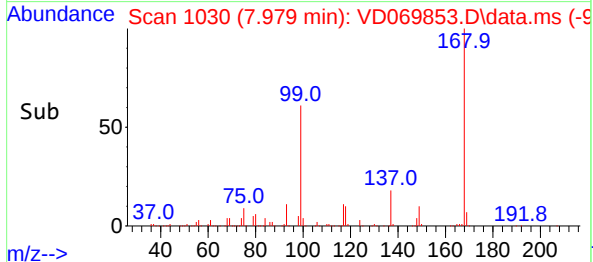
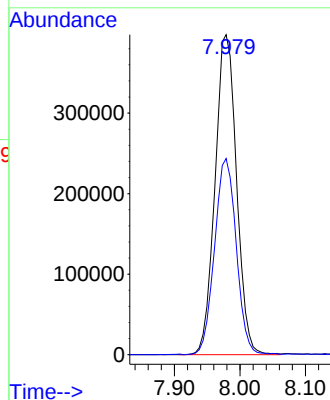
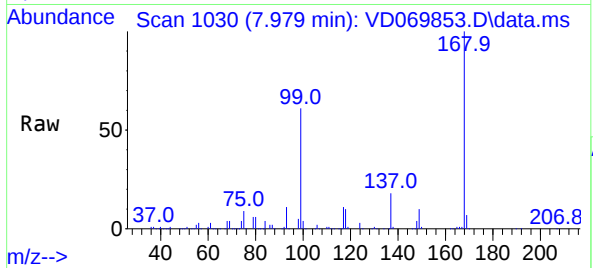




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069853.D
Acq: 26 Jul 2021 17:48

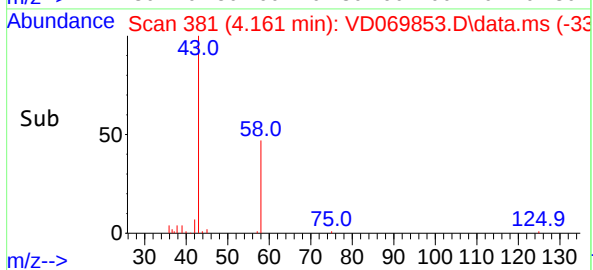
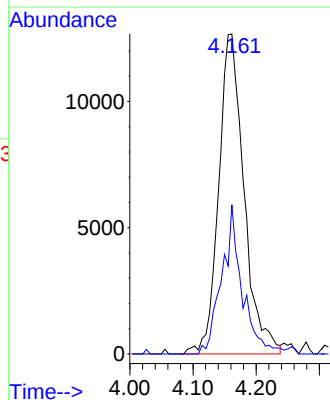
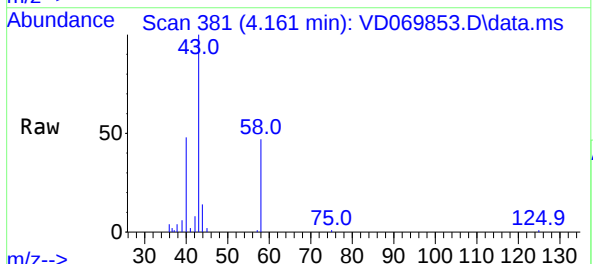
Instrument :
MSVOA_D
ClientSampleId :
20210578-COM-1

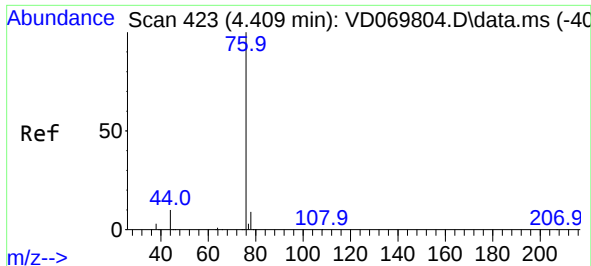
Tgt Ion:168 Resp: 905415
Ion Ratio Lower Upper
168 100
99 61.1 51.1 76.7



#16
Acetone
Concen: 18.788 ug/l
RT: 4.161 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD069853.D
Acq: 26 Jul 2021 17:48

Tgt Ion: 43 Resp: 35342
Ion Ratio Lower Upper
43 100
58 46.6 29.4 44.0#

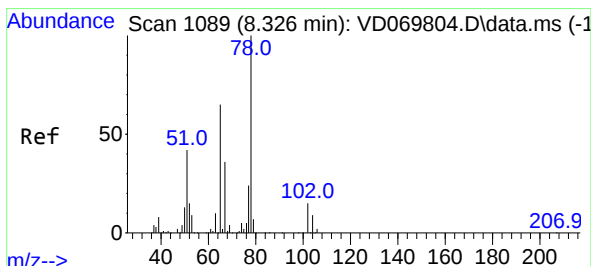
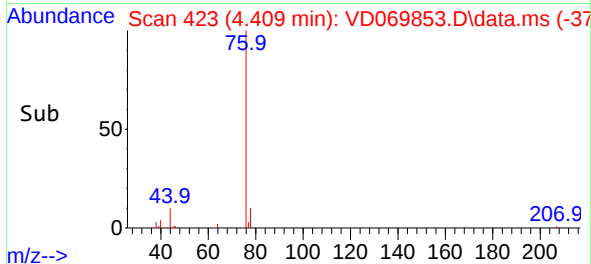
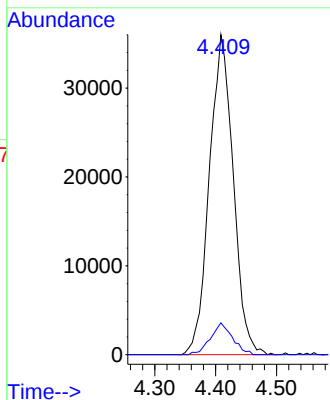
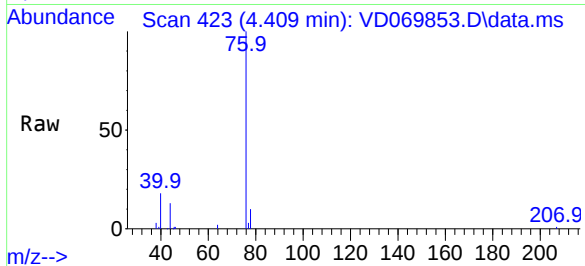




#17
Carbon Disulfide
Concen: 2.648 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD069853.D
Acq: 26 Jul 2021 17:48

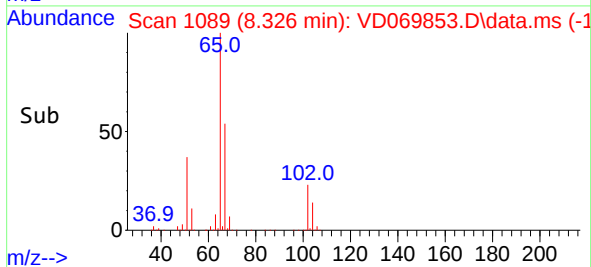
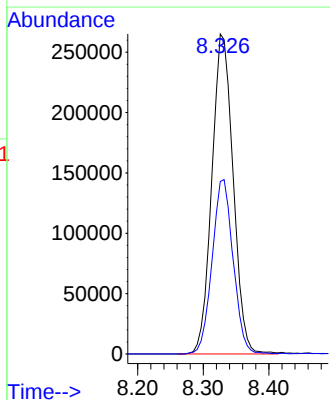
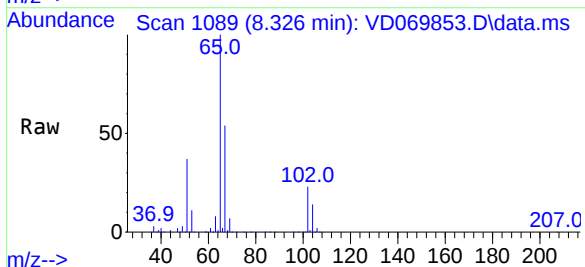
Instrument :
MSVOA_D
ClientSampleId :
20210578-COM-1

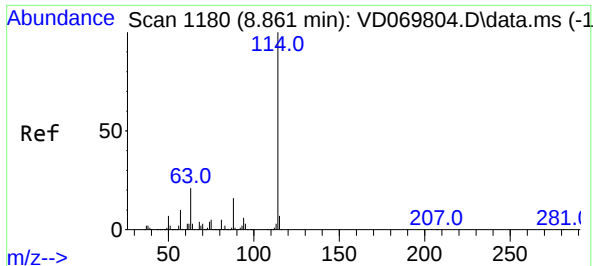
Tgt Ion: 76 Resp: 98097
Ion Ratio Lower Upper
76 100
78 9.9 7.3 10.9



#33
1,2-Dichloroethane-d4
Concen: 57.343 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD069853.D
Acq: 26 Jul 2021 17:48

Tgt Ion: 65 Resp: 597116
Ion Ratio Lower Upper
65 100
67 53.8 0.0 111.2



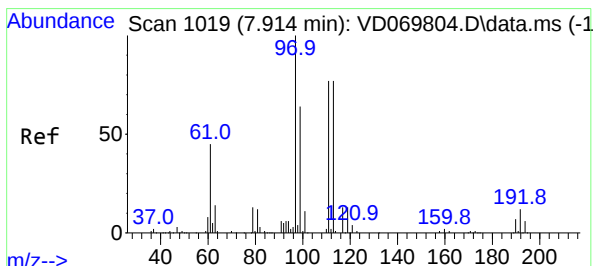
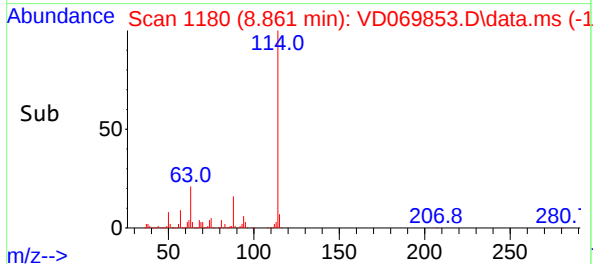
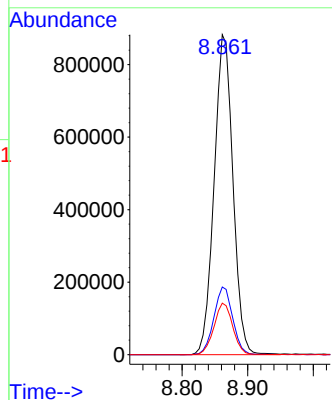
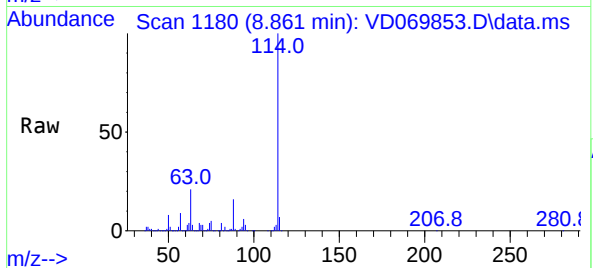


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069853.D
Acq: 26 Jul 2021 17:48

Instrument :
MSVOA_D
ClientSampleId :
20210578-COM-1

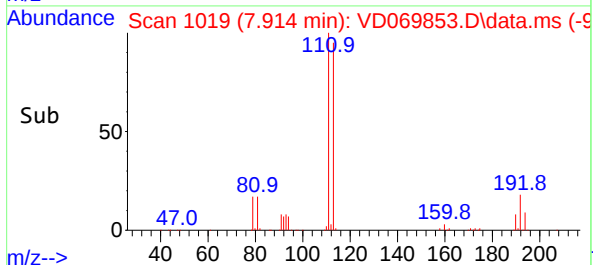
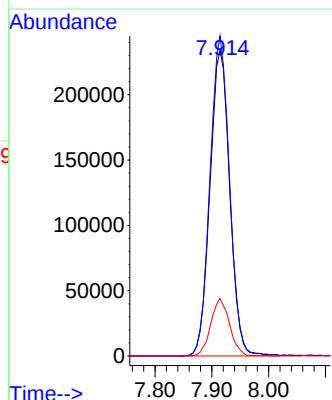
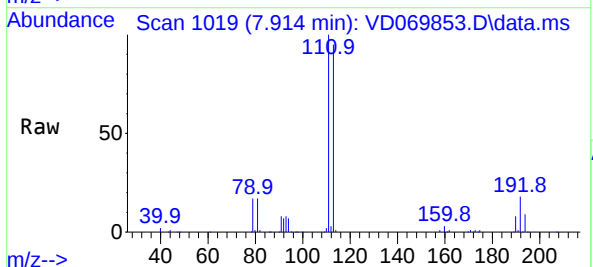
Tgt Ion:114 Resp: 1754409
Ion Ratio Lower Upper
114 100
63 21.1 0.0 41.6
88 16.1 0.0 31.4

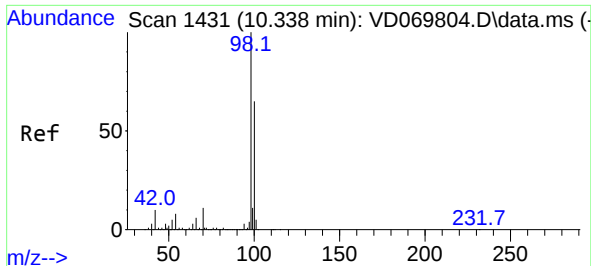


#35

Dibromofluoromethane
Concen: 51.113 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069853.D
Acq: 26 Jul 2021 17:48

Tgt Ion:113 Resp: 565302
Ion Ratio Lower Upper
113 100
111 103.5 80.5 120.7
192 17.8 12.6 19.0

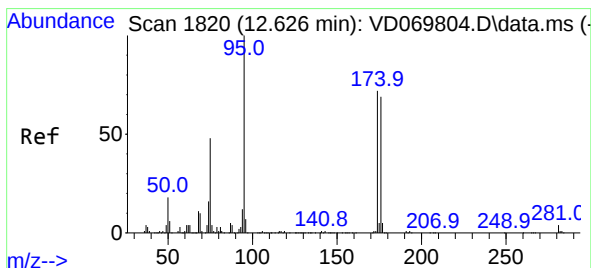
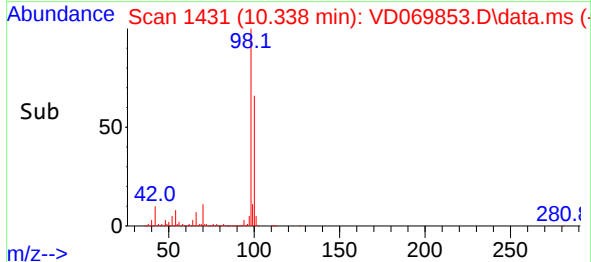
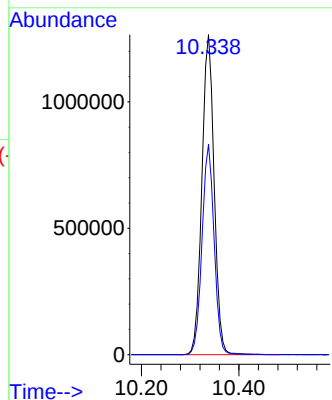
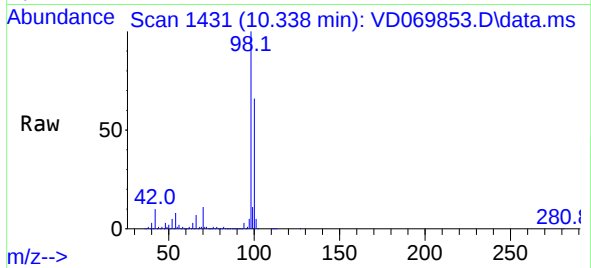




#50
Toluene-d8
Concen: 51.791 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069853.D
Acq: 26 Jul 2021 17:48

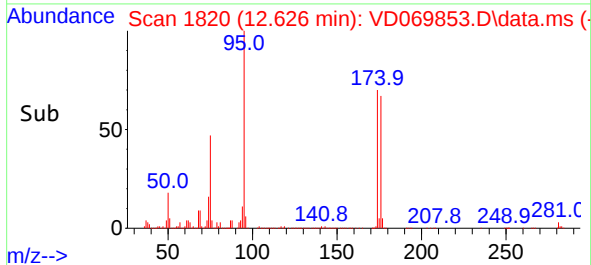
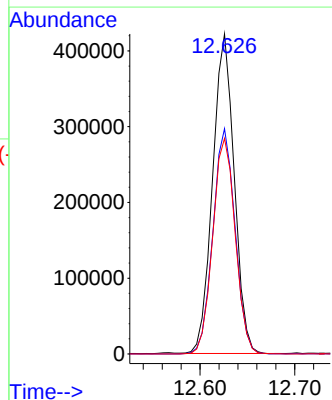
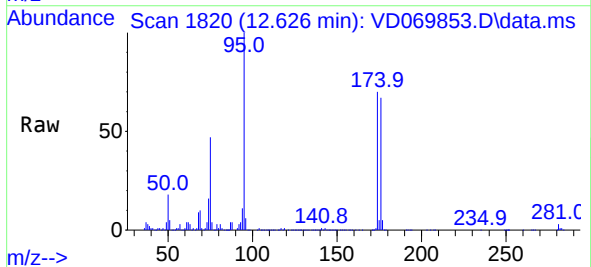
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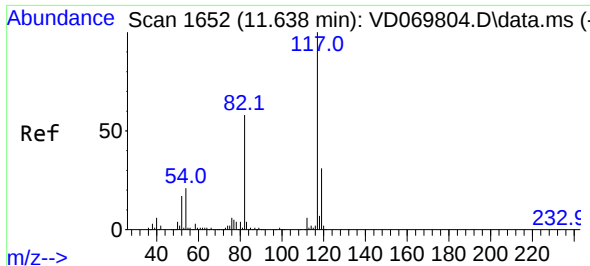
Tgt Ion: 98 Resp: 2208664
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 46.810 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069853.D
Acq: 26 Jul 2021 17:48

Tgt Ion: 95 Resp: 667150
Ion Ratio Lower Upper
95 100
174 72.2 0.0 142.6
176 70.2 0.0 134.2

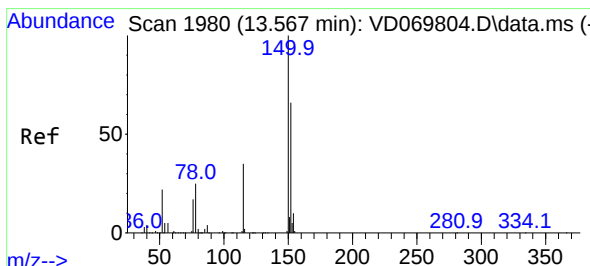
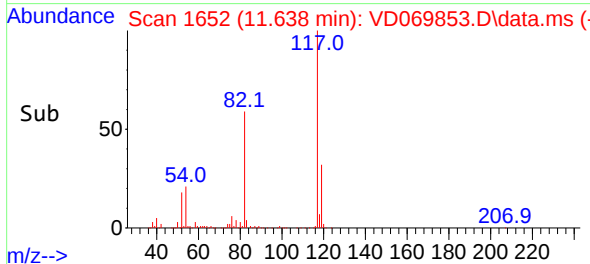
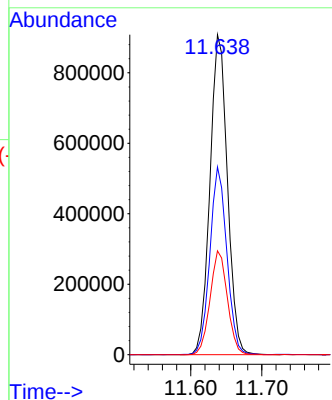
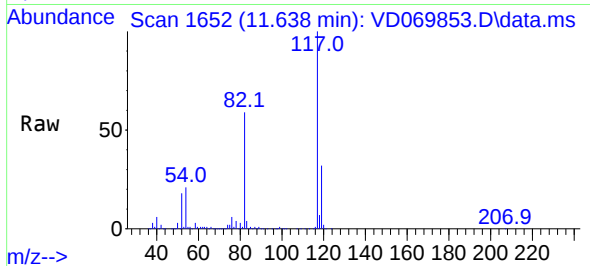




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069853.D
Acq: 26 Jul 2021 17:48

Instrument :
MSVOA_D
ClientSampleId :
20210578-COM-1

Tgt Ion:117 Resp: 1549954
Ion Ratio Lower Upper
117 100
82 58.6 46.3 69.5
119 32.4 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: VD069853.D
Acq: 26 Jul 2021 17:48

Tgt Ion:152 Resp: 569146
Ion Ratio Lower Upper
152 100
115 61.4 31.1 93.3
150 156.7 0.0 343.0

