

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060221\
 Data File : VD069310.D
 Acq On : 02 Jun 2021 19:19
 Operator : VA/SY
 Sample : M2580-10
 Misc : 8.96G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 18-B4(0-2)

Quant Time: Jun 03 01:11:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 02 02:17:36 2021
 Response via : Initial Calibration

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

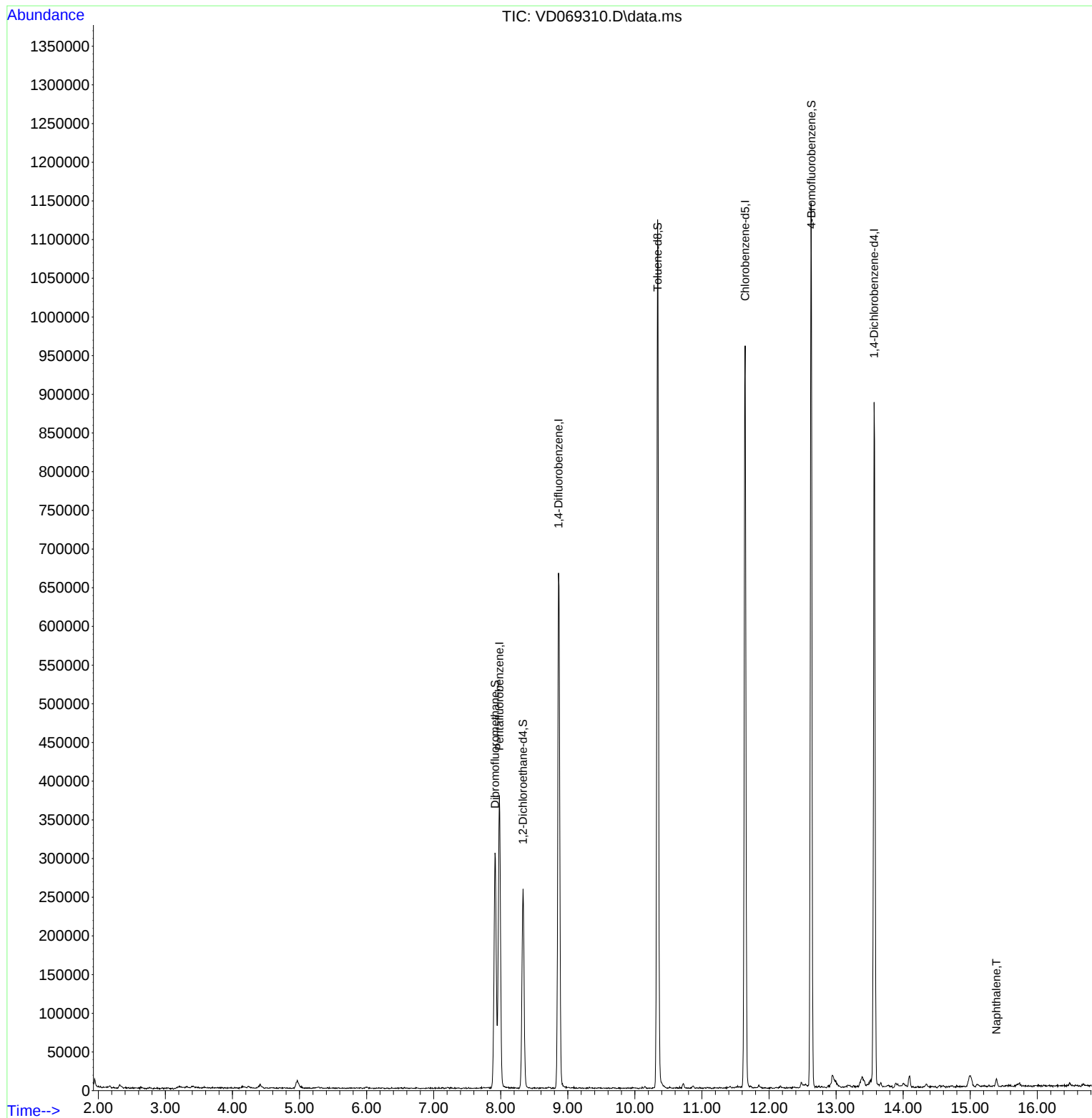
Internal Standards						
1) Pentafluorobenzene	7.979	168	282996	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	600849	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	592671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	246624	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	202217	74.470	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 148.940%	
35) Dibromofluoromethane	7.914	113	216417	57.357	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.720%	
50) Toluene-d8	10.338	98	770627	56.165	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.340%	
62) 4-Bromofluorobenzene	12.632	95	250834	55.792	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.580%	
Target Compounds						
95) Naphthalene	15.391	128	7964	4.186	ug/l	Qvalue # 94

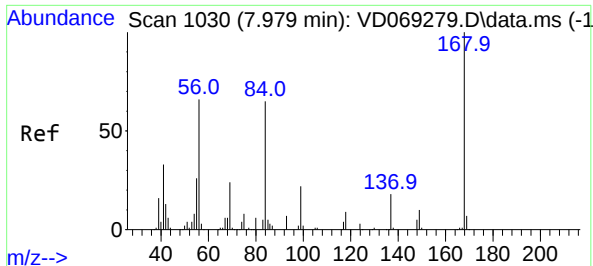
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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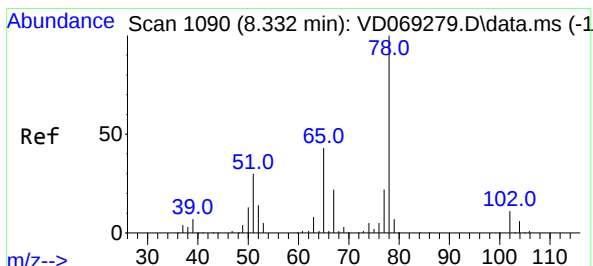
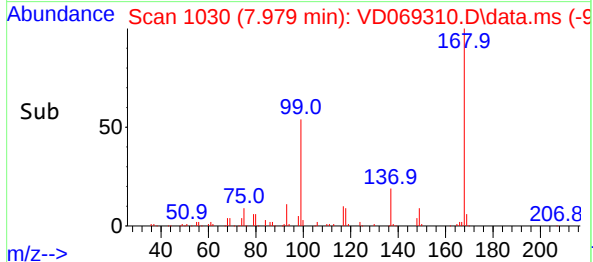
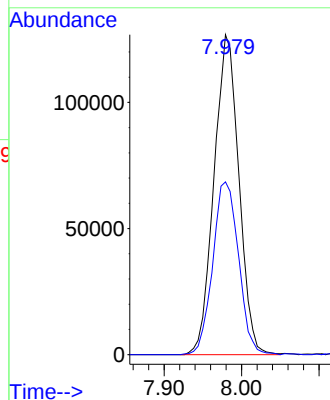
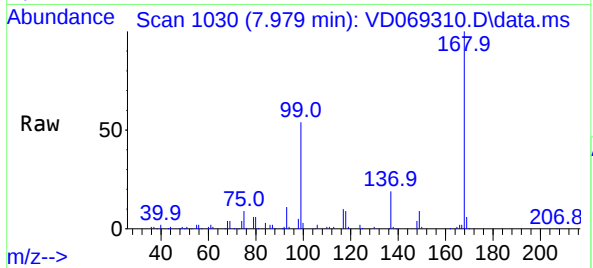




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069310.D
Acq: 02 Jun 2021 19:19

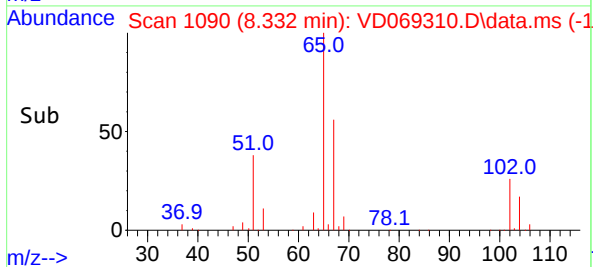
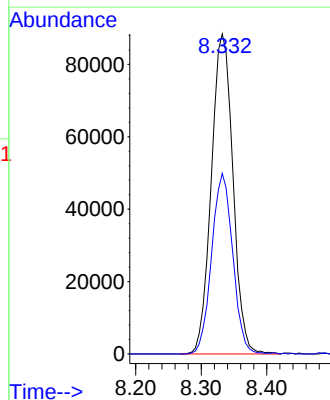
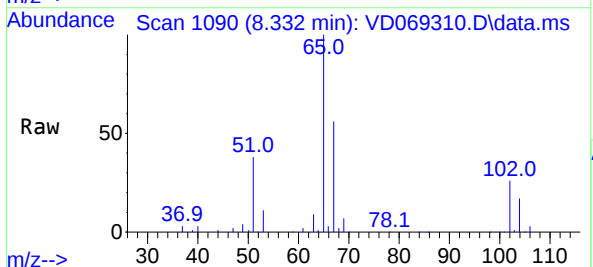
Instrument :
MSVOA_D
ClientSampleId :
18-B4(0-2)

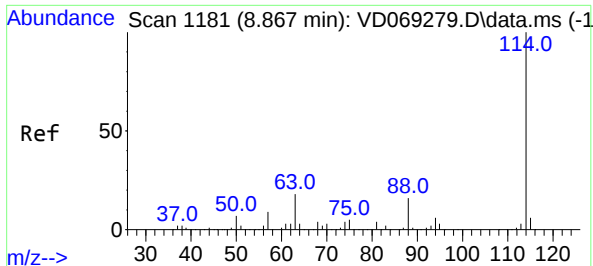
Tgt Ion:168 Resp: 282996
Ion Ratio Lower Upper
168 100
99 54.0 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 74.470 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069310.D
Acq: 02 Jun 2021 19:19

Tgt Ion: 65 Resp: 202217
Ion Ratio Lower Upper
65 100
67 55.0 0.0 105.8



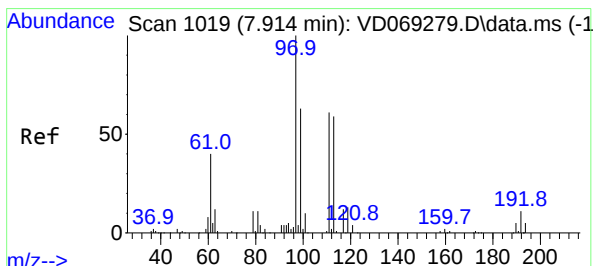
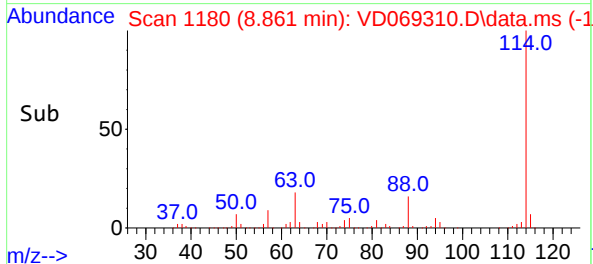
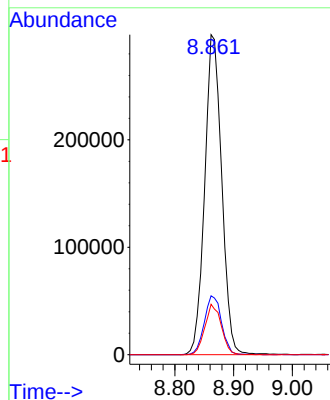
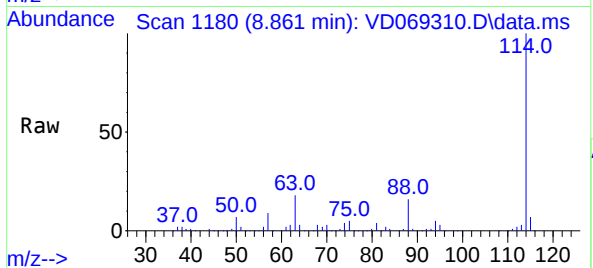


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069310.D
Acq: 02 Jun 2021 19:19

Instrument :
MSVOA_D
ClientSampleId :
18-B4(0-2)

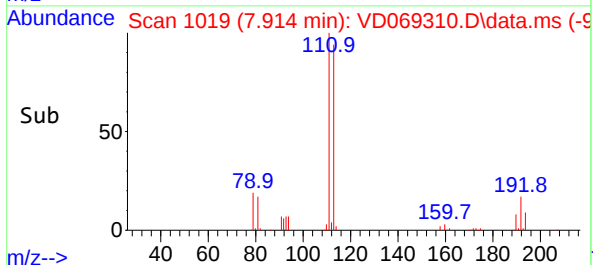
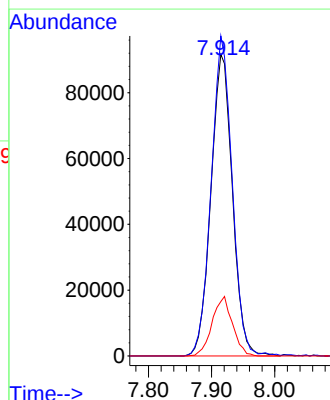
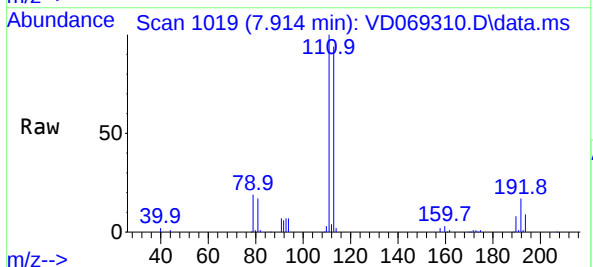
Tgt Ion:114 Resp: 600849
Ion Ratio Lower Upper
114 100
63 18.4 0.0 35.6
88 15.7 0.0 31.2

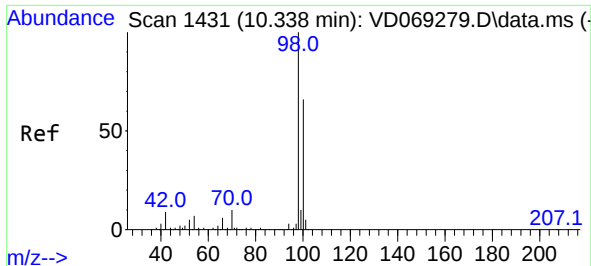


#35

Dibromofluoromethane
Concen: 57.357 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069310.D
Acq: 02 Jun 2021 19:19

Tgt Ion:113 Resp: 216417
Ion Ratio Lower Upper
113 100
111 103.2 83.0 124.6
192 18.7 15.1 22.7

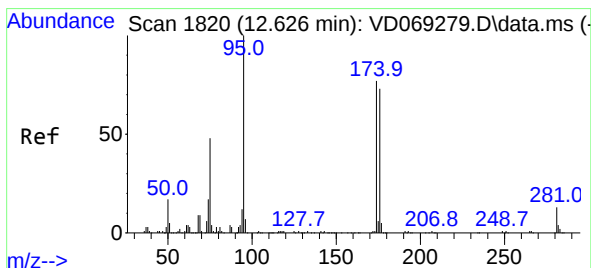
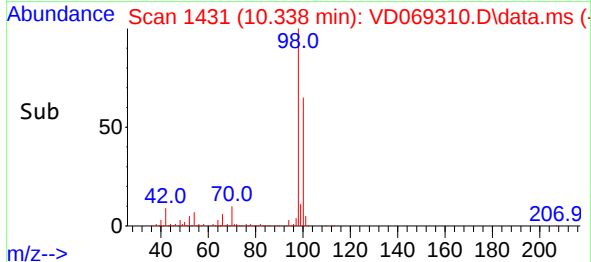
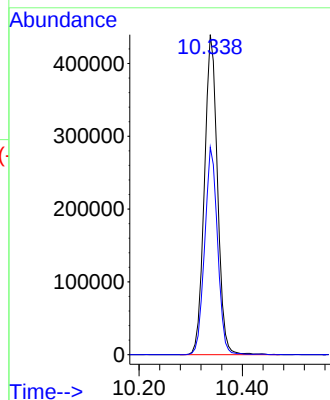
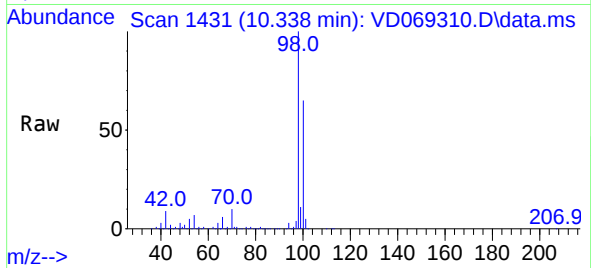




#50
Toluene-d8
Concen: 56.165 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069310.D
Acq: 02 Jun 2021 19:19

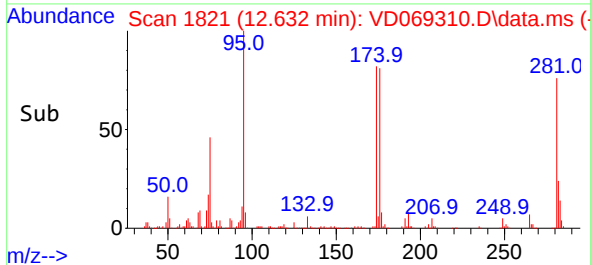
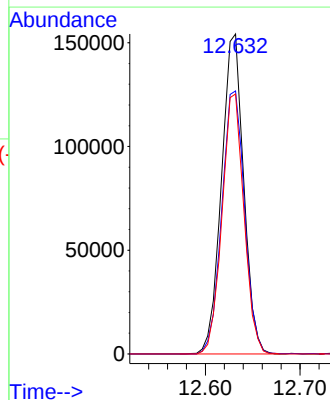
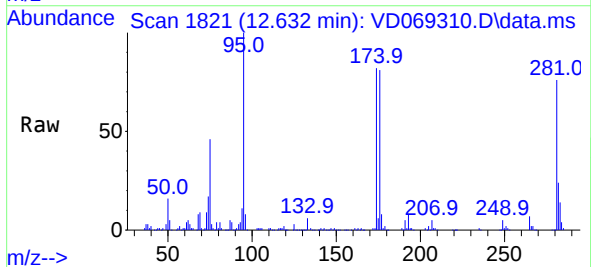
Instrument :
MSVOA_D
ClientSampleId :
18-B4(0-2)

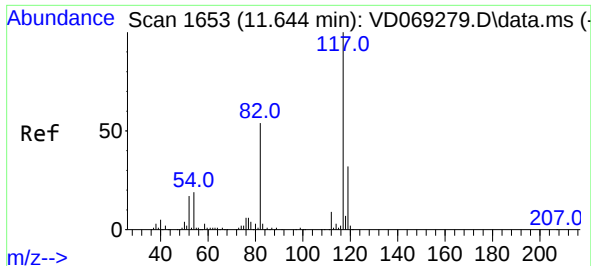
Tgt Ion: 98 Resp: 770627
Ion Ratio Lower Upper
98 100
100 64.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 55.792 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD069310.D
Acq: 02 Jun 2021 19:19

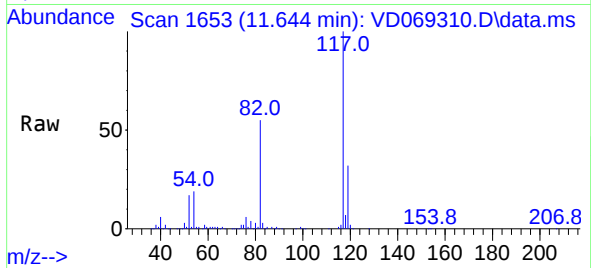
Tgt Ion: 95 Resp: 250834
Ion Ratio Lower Upper
95 100
174 84.6 0.0 162.8
176 80.3 0.0 154.4





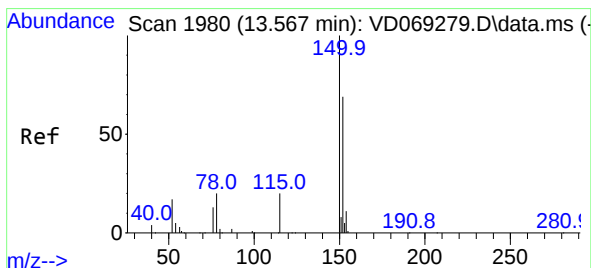
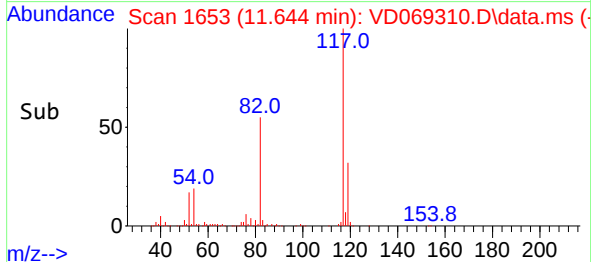
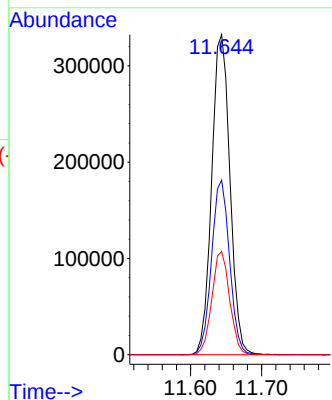
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069310.D
Acq: 02 Jun 2021 19:19

Instrument :
MSVOA_D
ClientSampleId :
18-B4(0-2)

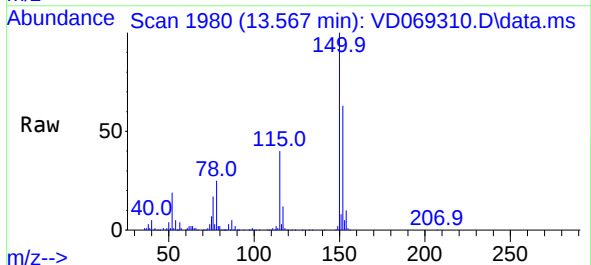


Tgt Ion:117 Resp: 592671

Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.3	64.9
119	32.3	25.3	37.9

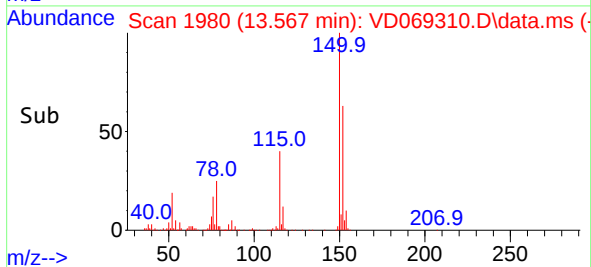
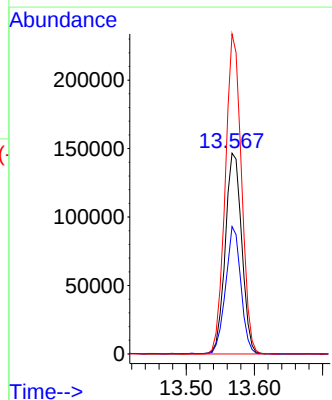


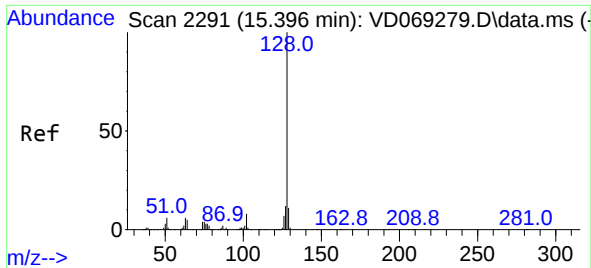
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069310.D
Acq: 02 Jun 2021 19:19



Tgt Ion:152 Resp: 246624

Ion	Ratio	Lower	Upper
152	100		
115	59.1	29.4	88.3
150	156.4	0.0	355.0





#95
Naphthalene
Concen: 4.186 ug/l
RT: 15.391 min Scan# 2290
Delta R.T. -0.005 min
Lab File: VD069310.D
Acq: 02 Jun 2021 19:19

Instrument :
MSVOA_D
ClientSampleId :
18-B4(0-2)

Tgt Ion:128 Resp: 7964
Ion Ratio Lower Upper
128 100
127 14.5 10.4 15.6
129 14.3 8.8 13.2#

