

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081721\
 Data File : VD070090.D
 Acq On : 17 Aug 2021 16:09
 Operator : VA/SY
 Sample : M3445-04
 Misc : 6.83G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TT-087-RW7-IDWSO-20210816-3

Quant Time: Aug 18 03:07:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	420581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	875748	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	918084	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	427485	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	324713	65.642	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.280%
35) Dibromofluoromethane	7.914	113	311075	54.981	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.960%
50) Toluene-d8	10.338	98	1160995	52.758	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.520%
62) 4-Bromofluorobenzene	12.626	95	438318	60.472	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	120.940%

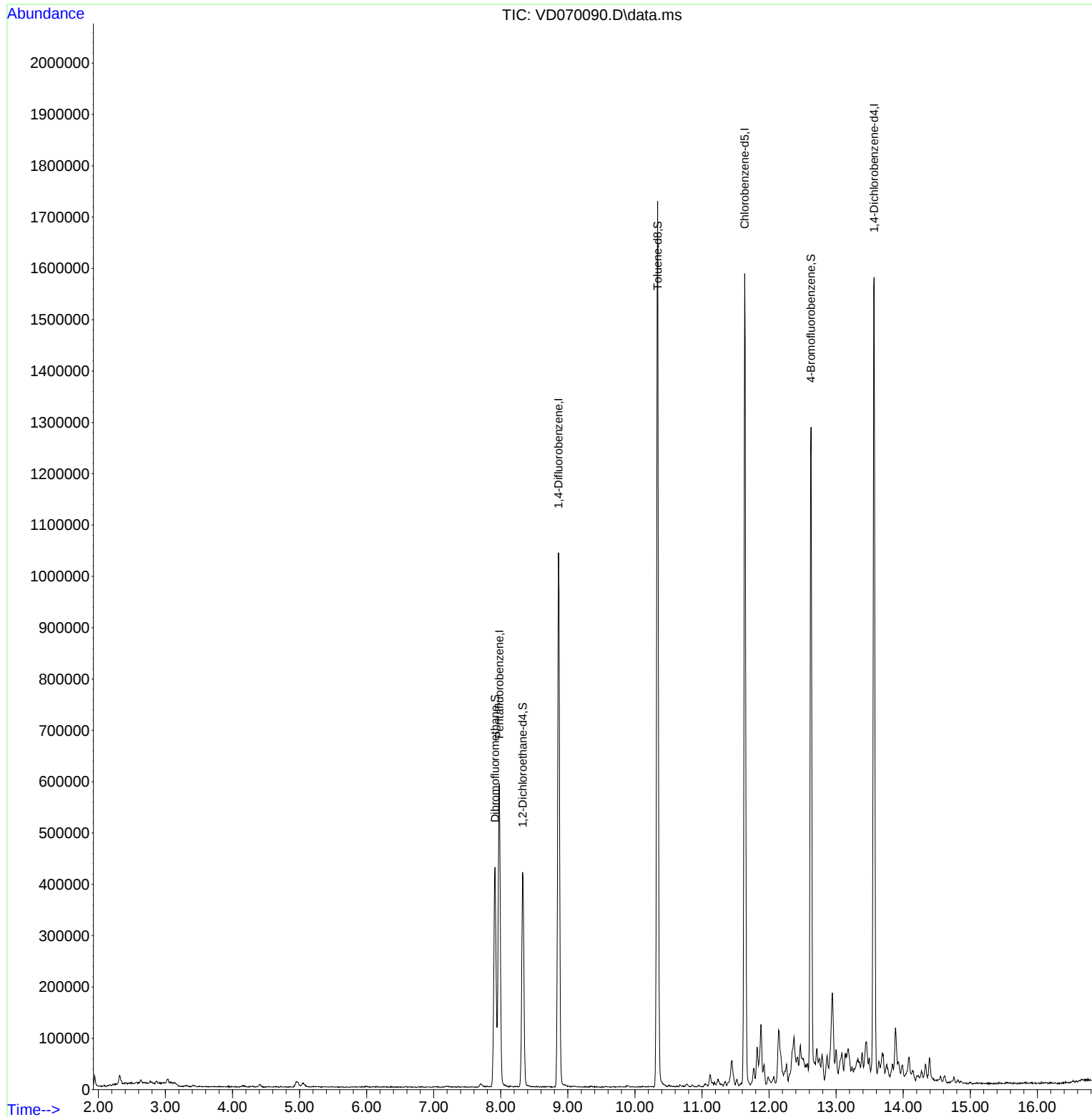
Target Compounds	Qvalue

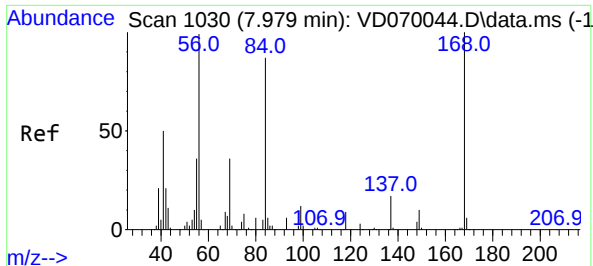
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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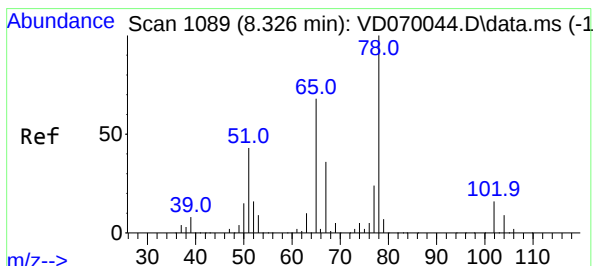
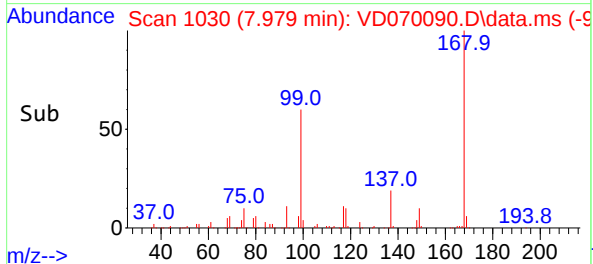
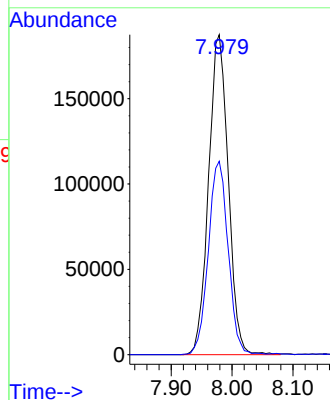
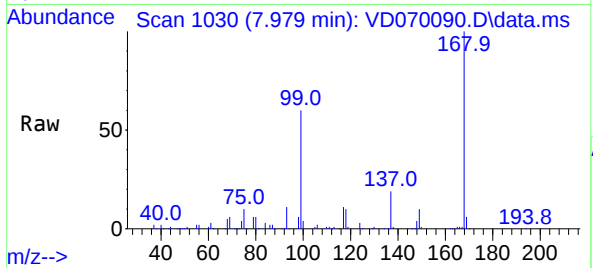




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070090.D
Acq: 17 Aug 2021 16:09

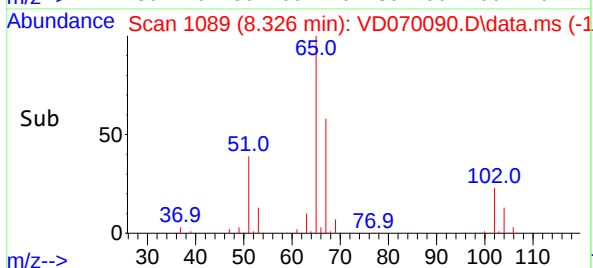
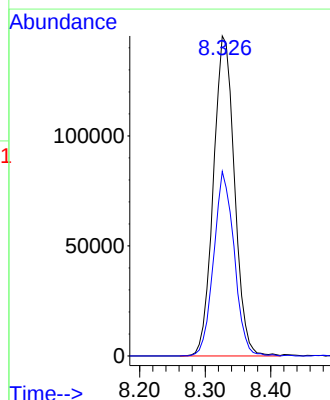
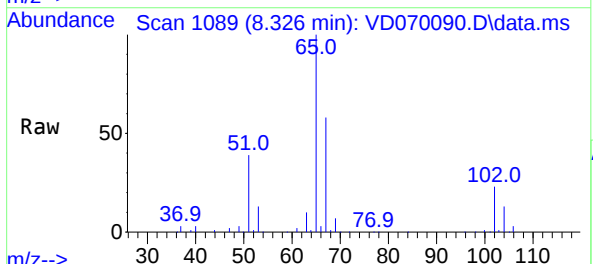
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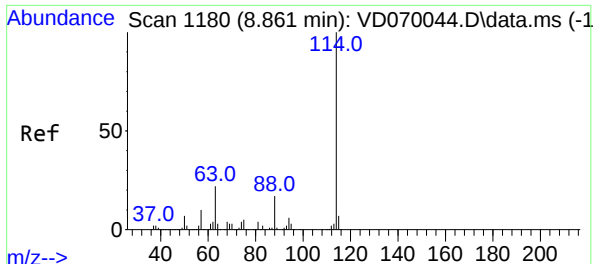
Tgt Ion:168 Resp: 420581
Ion Ratio Lower Upper
168 100
99 60.4 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 65.642 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070090.D
Acq: 17 Aug 2021 16:09

Tgt Ion: 65 Resp: 324713
Ion Ratio Lower Upper
65 100
67 56.0 0.0 107.8

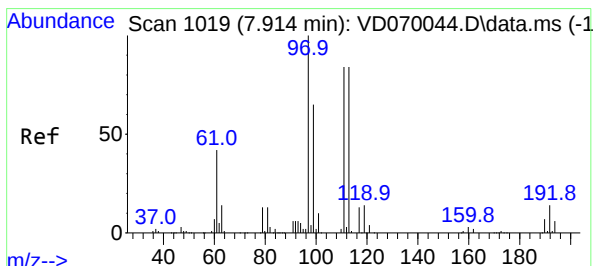
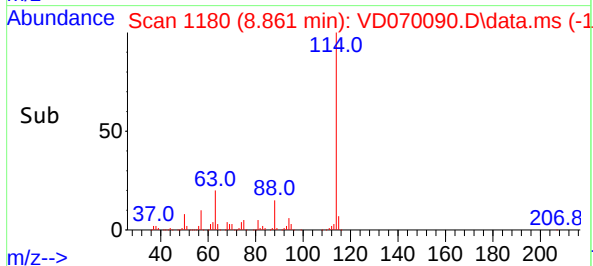
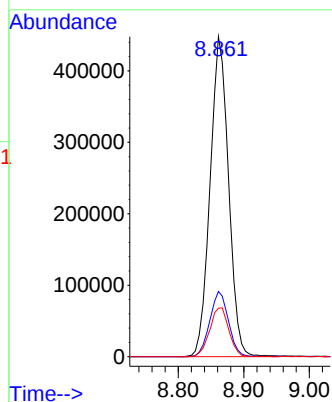
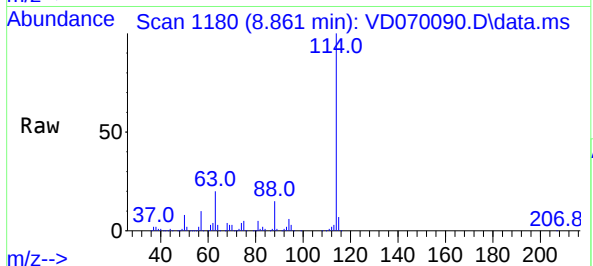




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070090.D
Acq: 17 Aug 2021 16:09

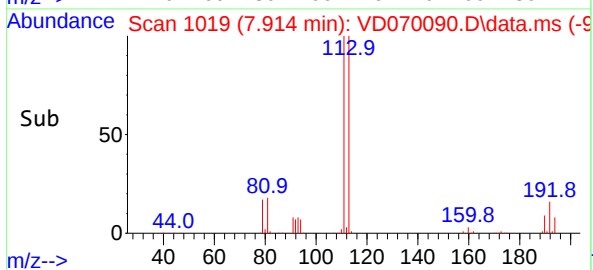
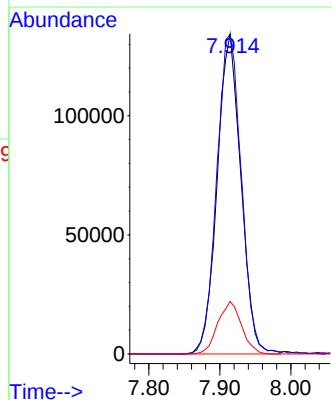
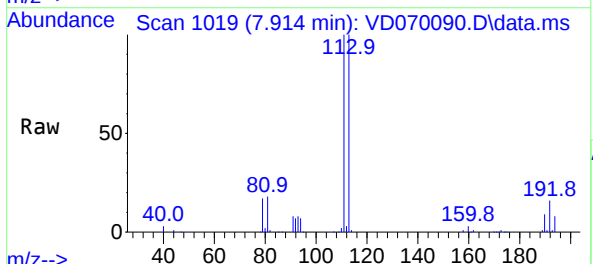
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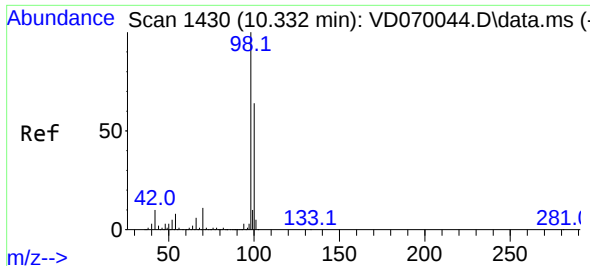
Tgt Ion:	114	Resp:	875748
Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	43.6
88	15.2	0.0	33.4



#35
Dibromofluoromethane
Concen: 54.981 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070090.D
Acq: 17 Aug 2021 16:09

Tgt Ion:	113	Resp:	311075
Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.8	122.6
192	16.3	13.2	19.8

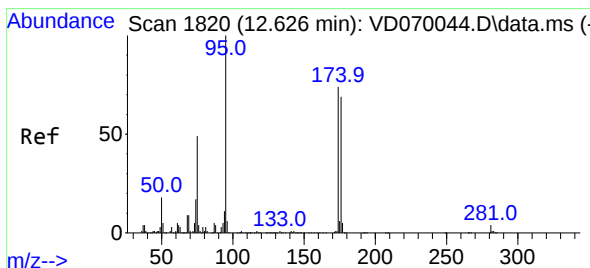
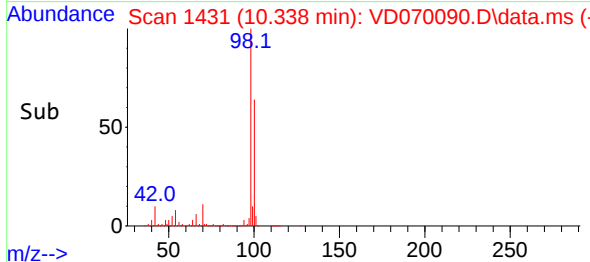
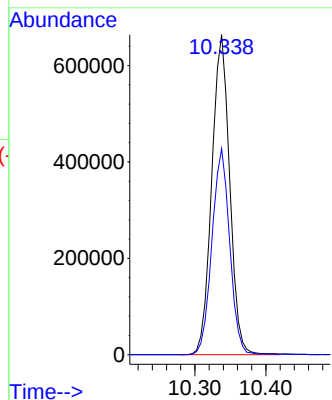
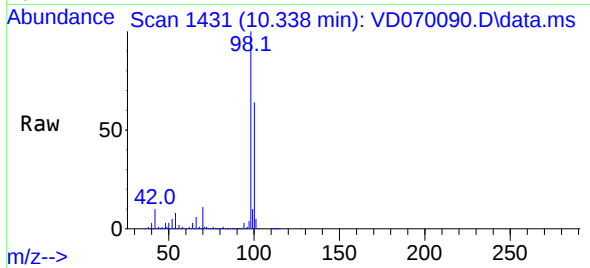




#50
Toluene-d8
Concen: 52.758 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070090.D
Acq: 17 Aug 2021 16:09

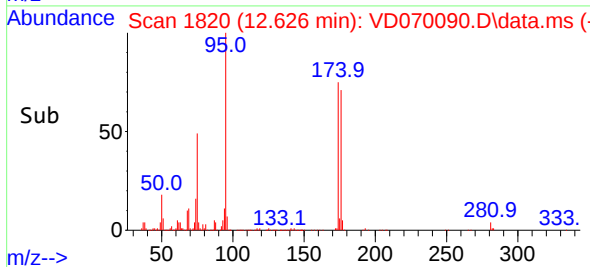
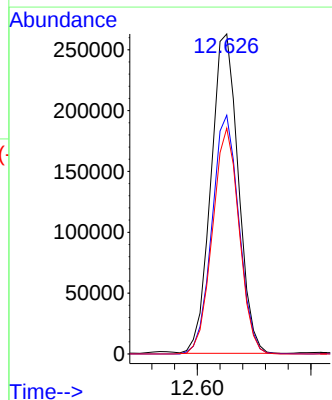
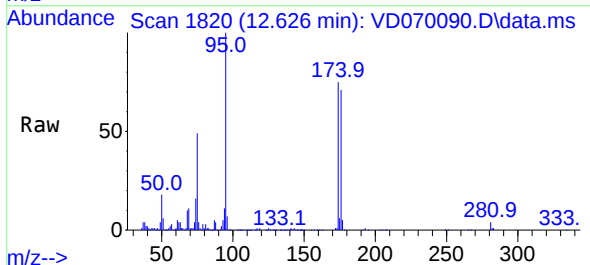
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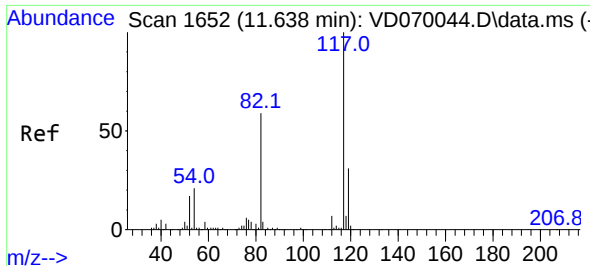
Tgt Ion: 98 Resp: 1160995
Ion Ratio Lower Upper
98 100
100 64.0 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 60.472 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070090.D
Acq: 17 Aug 2021 16:09

Tgt Ion: 95 Resp: 438318
Ion Ratio Lower Upper
95 100
174 73.8 0.0 141.6
176 69.0 0.0 138.2

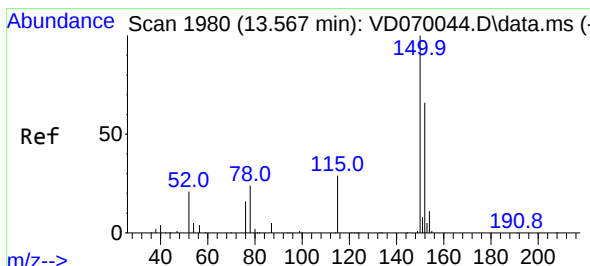
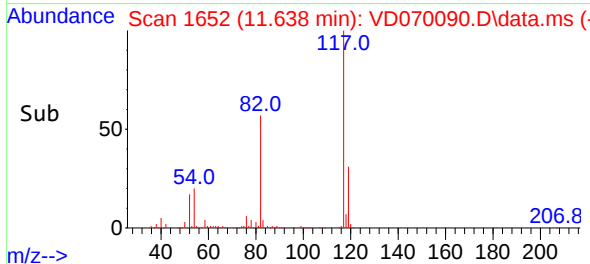
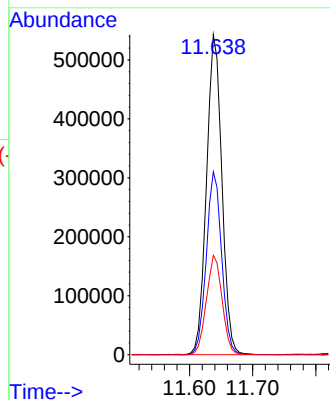
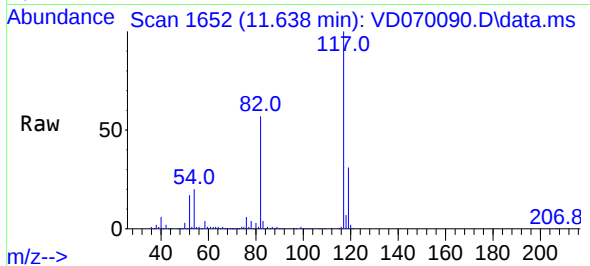




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070090.D
Acq: 17 Aug 2021 16:09

Instrument :
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Tgt Ion:117 Resp: 918084
Ion Ratio Lower Upper
117 100
82 57.1 47.5 71.3
119 31.1 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070090.D
Acq: 17 Aug 2021 16:09

Tgt Ion:152 Resp: 427485
Ion Ratio Lower Upper
152 100
115 62.1 31.2 93.6
150 155.4 0.0 352.0

