

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042921\
 Data File : VD069029.D
 Acq On : 29 Apr 2021 20:20
 Operator : VA/SY
 Sample : M2217-14
 Misc : 5.27G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HTRCV2-COMP-TS04-01

Quant Time: Apr 30 02:58:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	264345	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	456389	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	566936	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	307260	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	110176	39.44	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.88%
35) Dibromofluoromethane	7.920	113	141748	47.75	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.50%
50) Toluene-d8	10.338	98	585512	52.29	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.58%
62) 4-Bromofluorobenzene	12.632	95	261398	70.28	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	140.56%

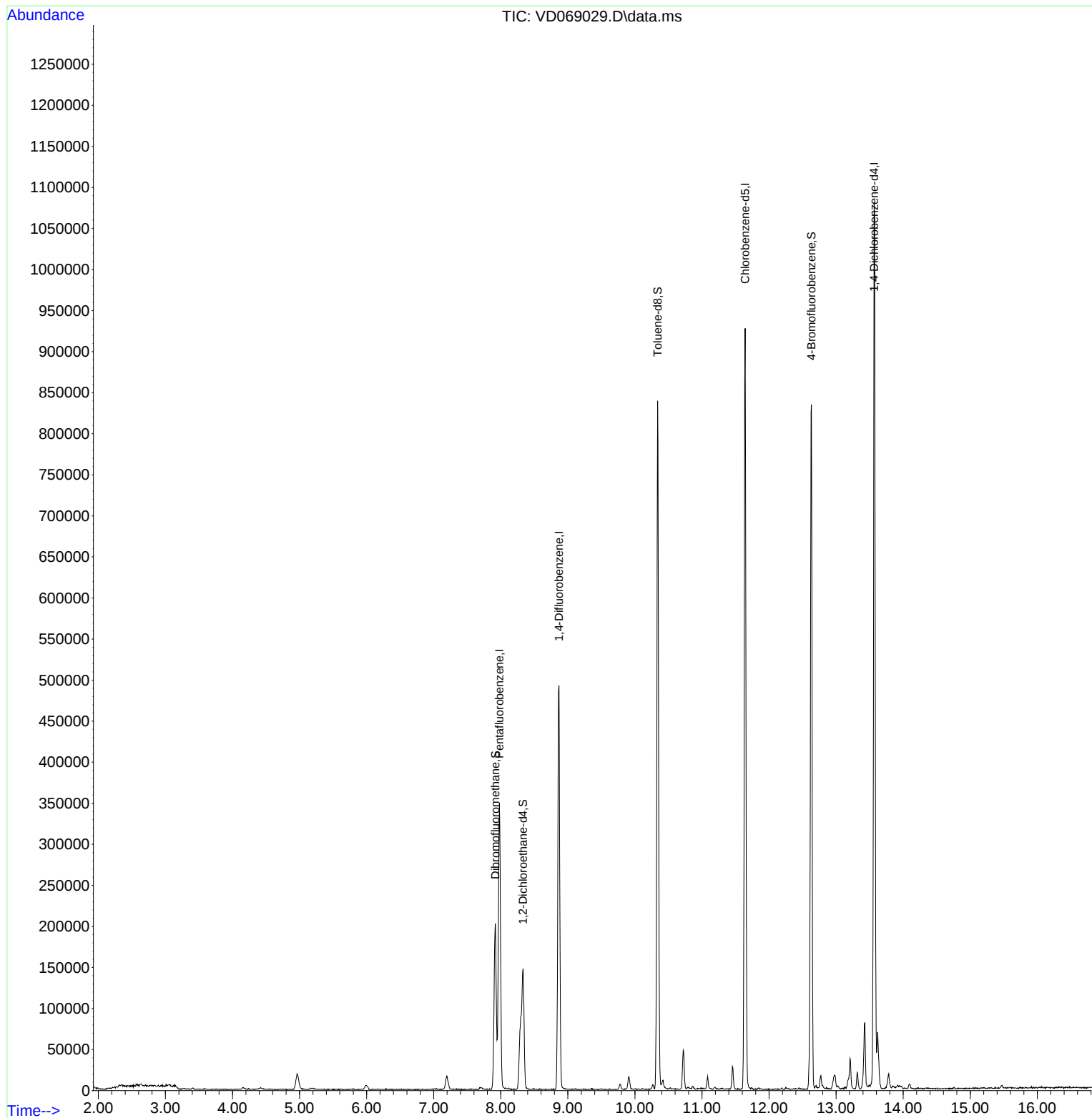
Target Compounds	Qvalue

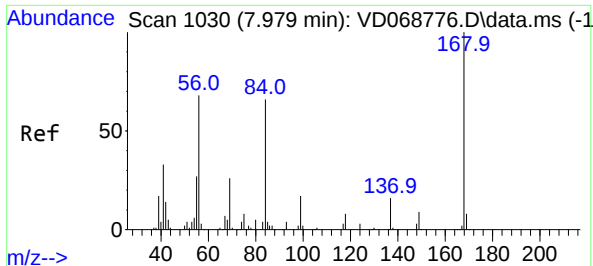
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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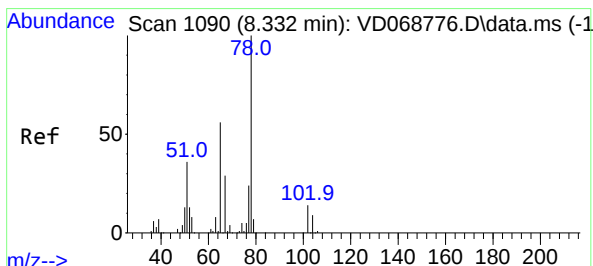
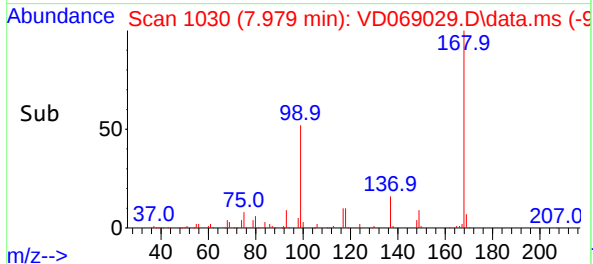
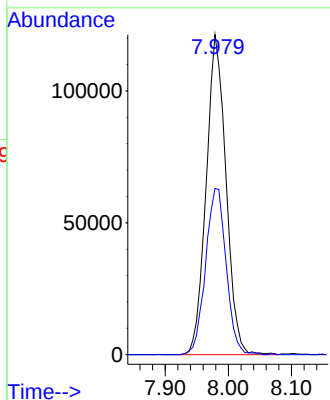
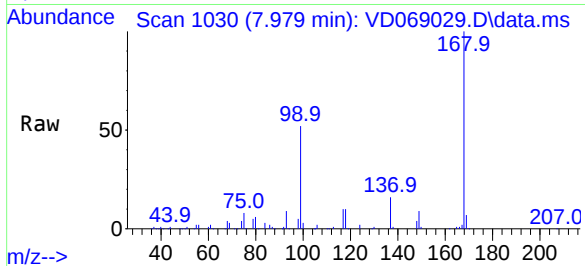




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069029.D
Acq: 29 Apr 2021 20:20

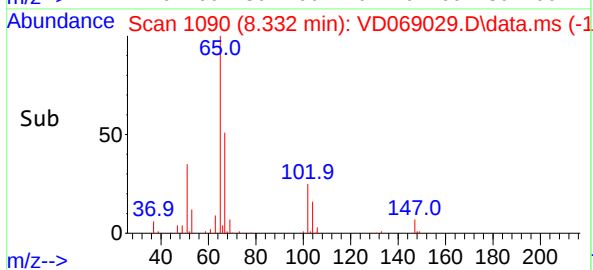
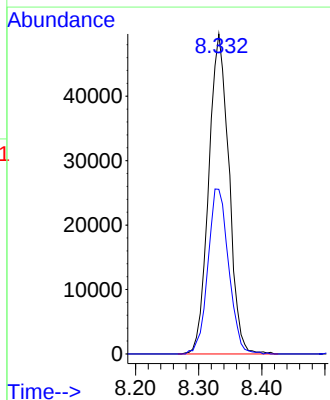
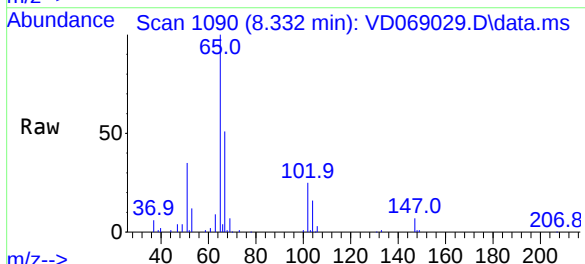
Instrument :
MSVOA_D
ClientSampleId :
HTCRV2-COMP-TS04-01

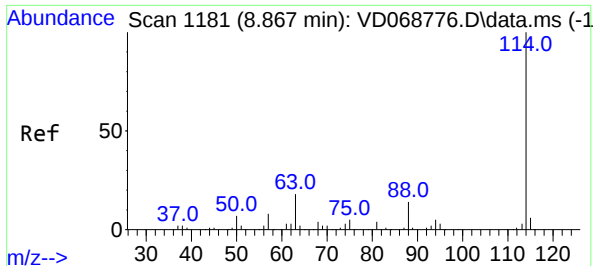
Tgt Ion:168 Resp: 264345
Ion Ratio Lower Upper
168 100
99 52.0 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 39.44 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069029.D
Acq: 29 Apr 2021 20:20

Tgt Ion: 65 Resp: 110176
Ion Ratio Lower Upper
65 100
67 53.1 0.0 106.0

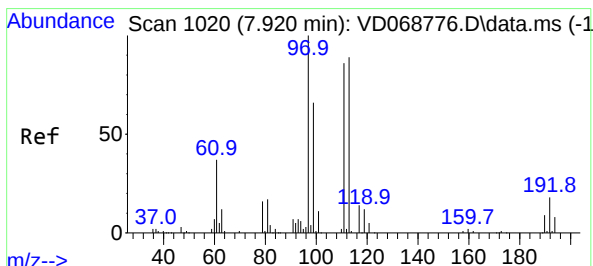
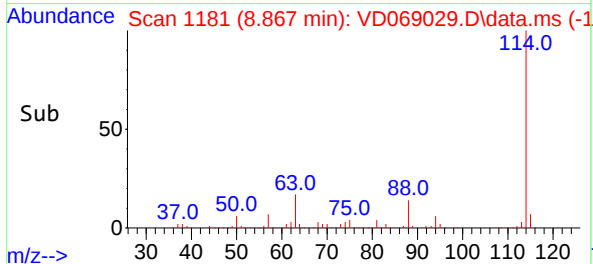
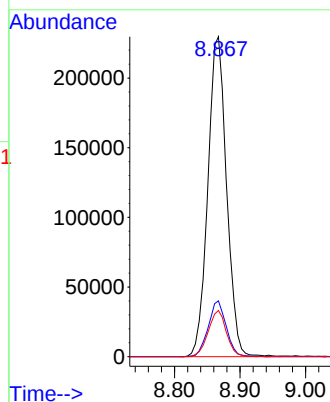
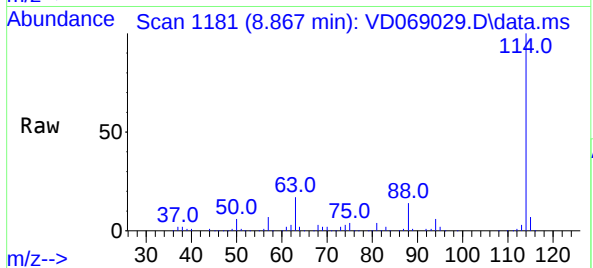




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069029.D
Acq: 29 Apr 2021 20:20

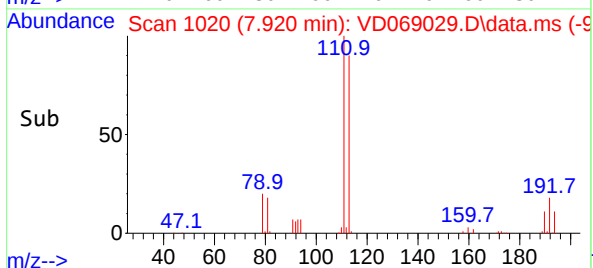
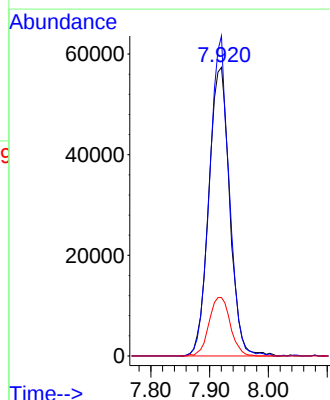
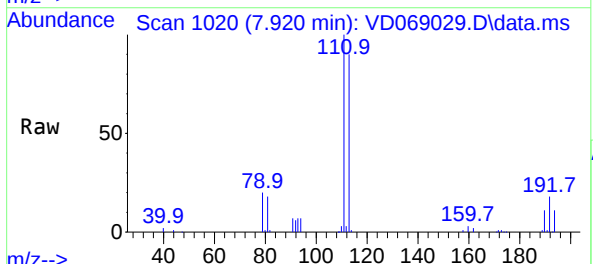
Instrument :
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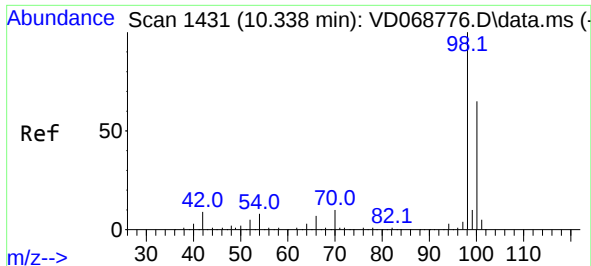
Tgt Ion:114 Resp: 456389
Ion Ratio Lower Upper
114 100
63 17.4 0.0 38.2
88 14.5 0.0 29.4



#35
Dibromofluoromethane
Concen: 47.75 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD069029.D
Acq: 29 Apr 2021 20:20

Tgt Ion:113 Resp: 141748
Ion Ratio Lower Upper
113 100
111 103.0 82.5 123.7
192 20.6 15.1 22.7

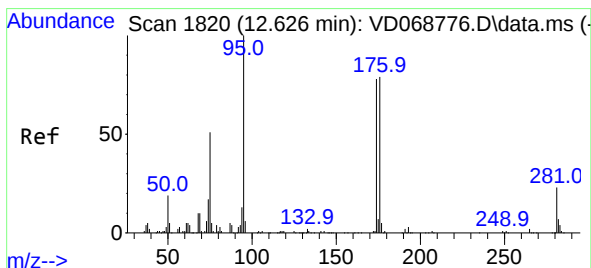
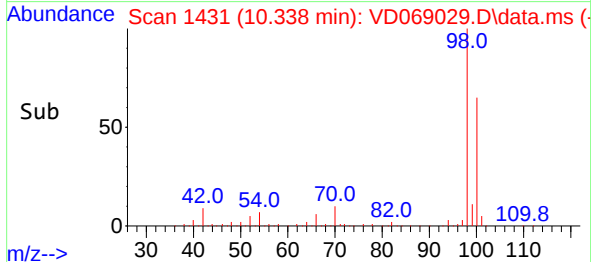
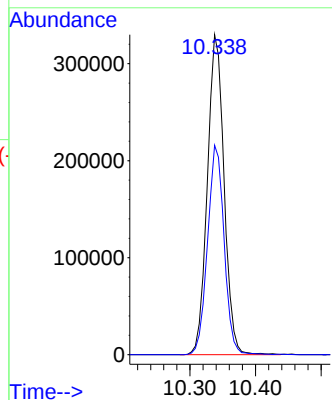
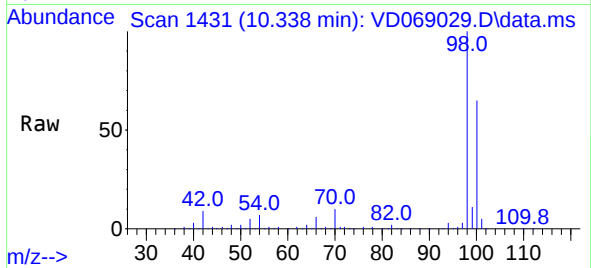




#50
Toluene-d8
Concen: 52.29 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069029.D
Acq: 29 Apr 2021 20:20

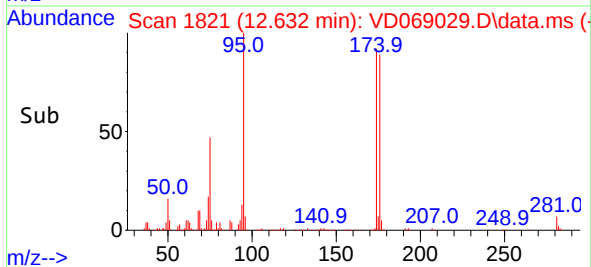
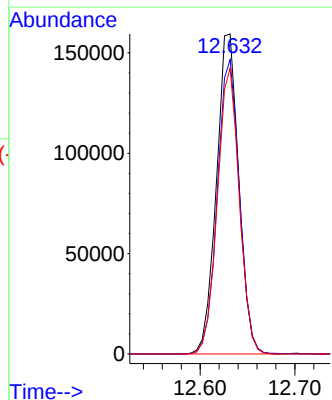
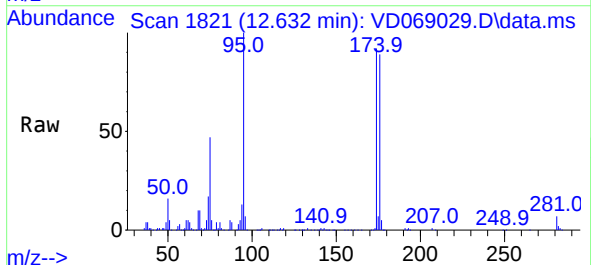
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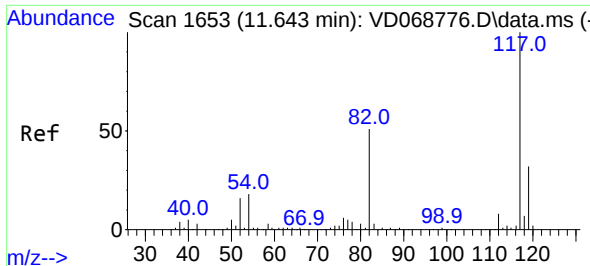
Tgt Ion: 98 Resp: 585512
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 70.28 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD069029.D
Acq: 29 Apr 2021 20:20

Tgt Ion: 95 Resp: 261398
Ion Ratio Lower Upper
95 100
174 91.1 0.0 168.0
176 87.2 0.0 160.2

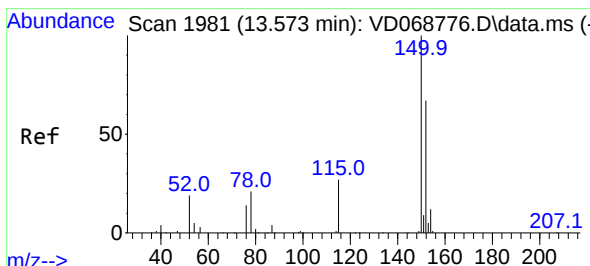
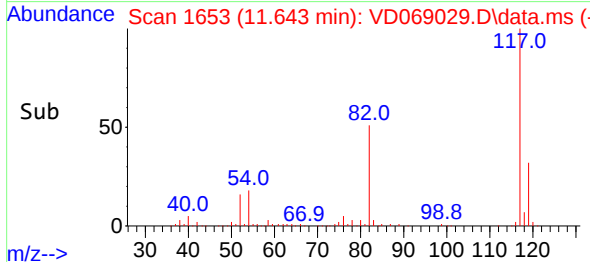
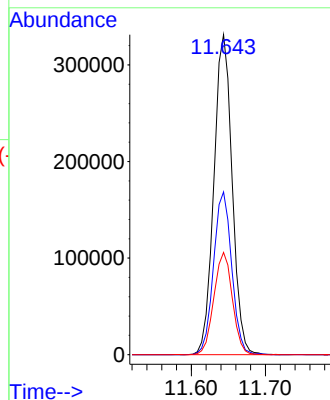
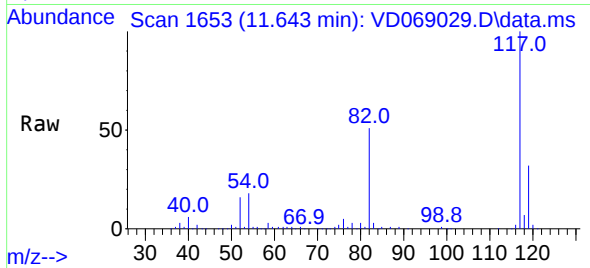




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069029.D
Acq: 29 Apr 2021 20:20

Instrument :
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ClientSampleId :
HTCRV2-COMP-TS04-01

Tgt Ion:117 Resp: 566936
Ion Ratio Lower Upper
117 100
82 50.8 43.5 65.3
119 31.9 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD069029.D
Acq: 29 Apr 2021 20:20

Tgt Ion:152 Resp: 307260
Ion Ratio Lower Upper
152 100
115 56.5 29.3 87.8
150 158.3 0.0 347.6

