

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040822\
 Data File : VD072573.D
 Acq On : 08 Apr 2022 21:41
 Operator : VA/SY
 Sample : N2336-01
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 C150-CU

Quant Time: Apr 09 00:39:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	546559	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1011161	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	945186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	420837	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	314900	47.628	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.260%
35) Dibromofluoromethane	7.909	113	321943	40.969	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.940%
50) Toluene-d8	10.332	98	1230870	45.061	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.120%
62) 4-Bromofluorobenzene	12.620	95	440155	41.260	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.520%

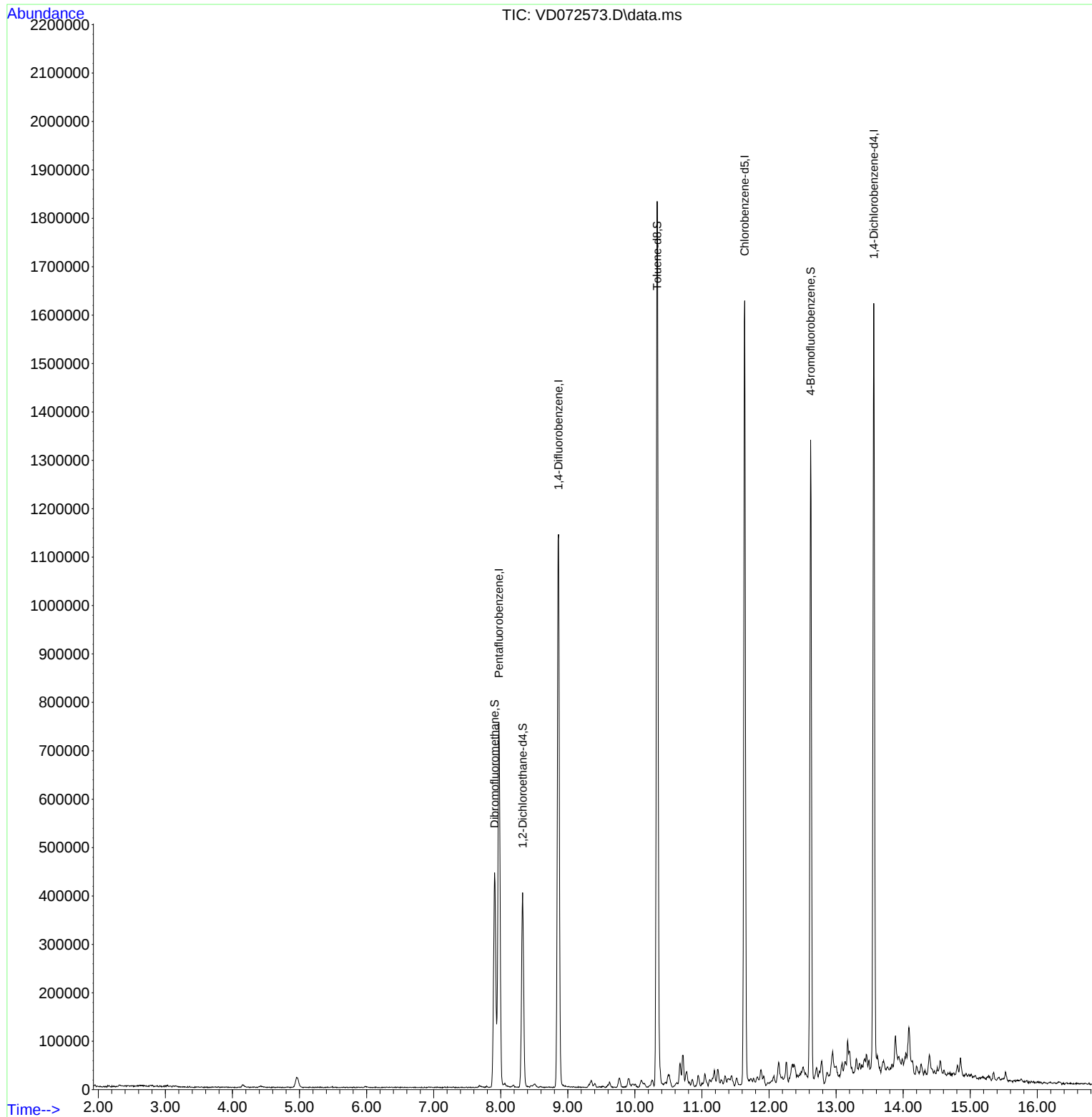
Target Compounds Qvalue

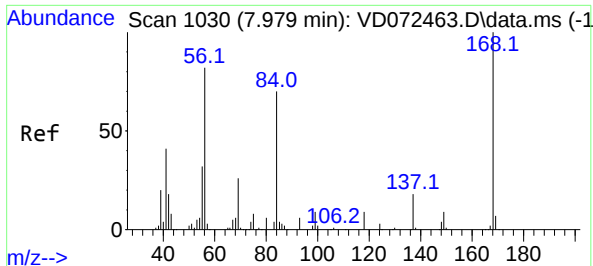
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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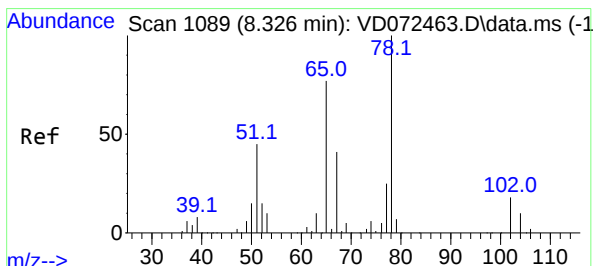
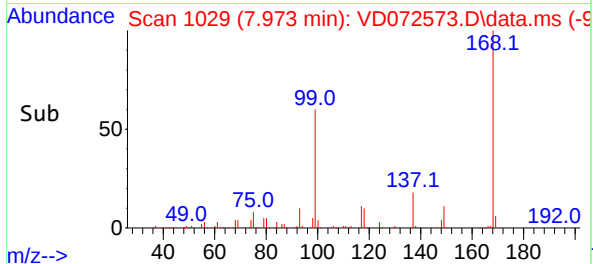
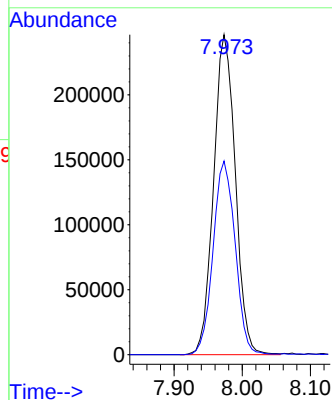
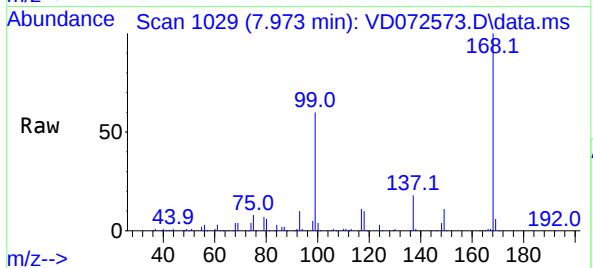




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072573.D
Acq: 08 Apr 2022 21:41

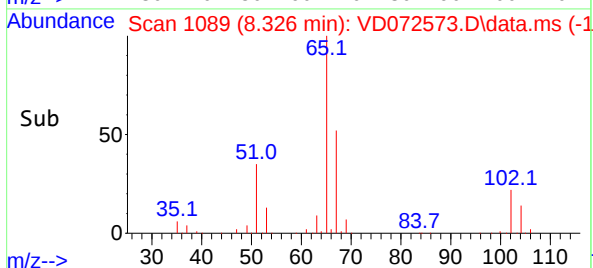
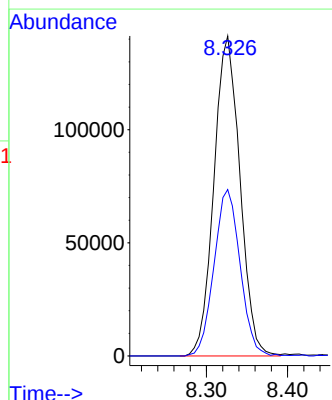
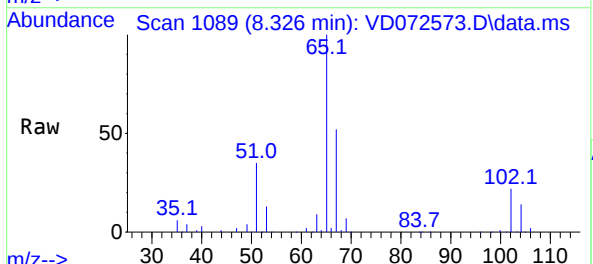
Instrument :
MSVOA_D
ClientSampleId :
C150-CU

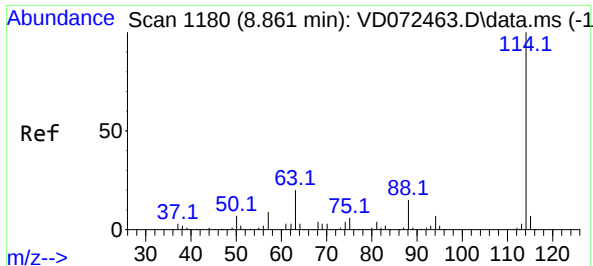
Tgt Ion:168 Resp: 546559
Ion Ratio Lower Upper
168 100
99 60.5 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 47.628 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072573.D
Acq: 08 Apr 2022 21:41

Tgt Ion: 65 Resp: 314900
Ion Ratio Lower Upper
65 100
67 52.2 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072573.D

Acq: 08 Apr 2022 21:41

Instrument :

MSVOA_D

ClientSampleId :

C150-CU

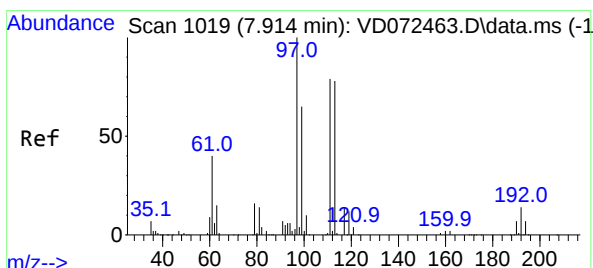
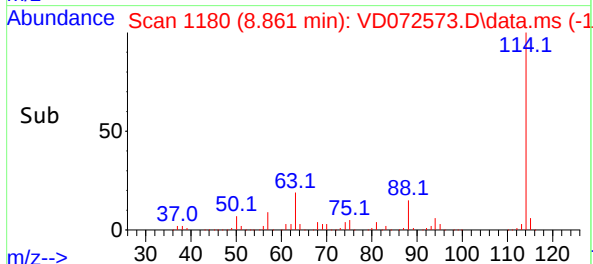
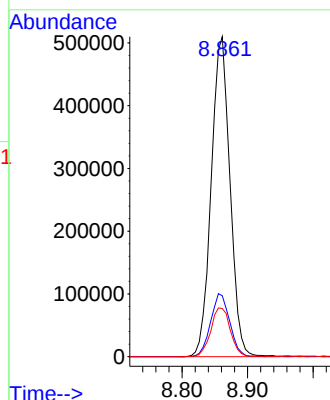
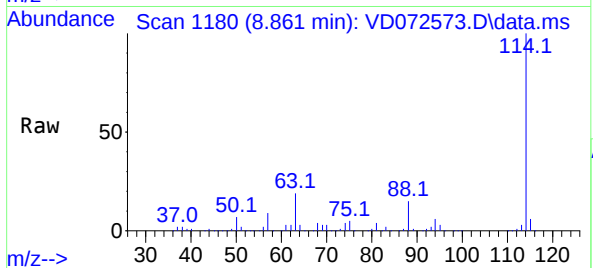
Tgt Ion:114 Resp: 1011161

Ion Ratio Lower Upper

114 100

63 19.0 0.0 46.6

88 15.0 0.0 33.2



#35

Dibromofluoromethane

Concen: 40.969 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD072573.D

Acq: 08 Apr 2022 21:41

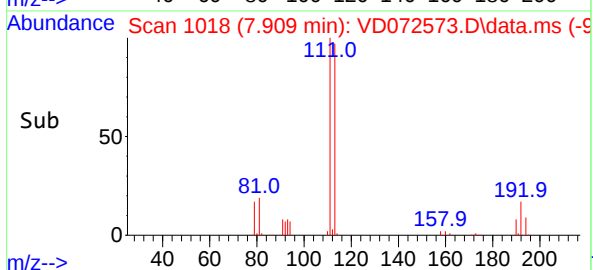
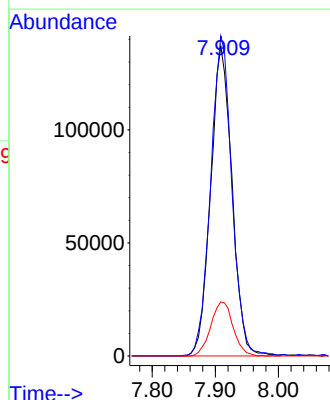
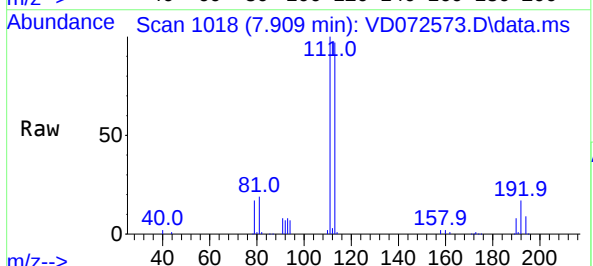
Tgt Ion:113 Resp: 321943

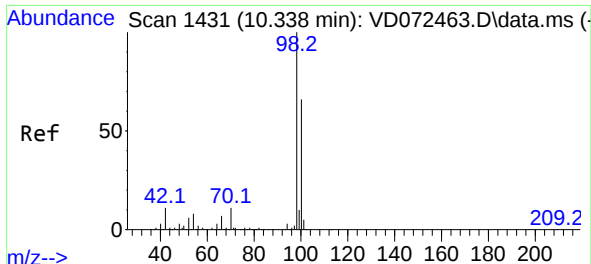
Ion Ratio Lower Upper

113 100

111 103.0 83.8 125.6

192 18.2 14.6 21.8

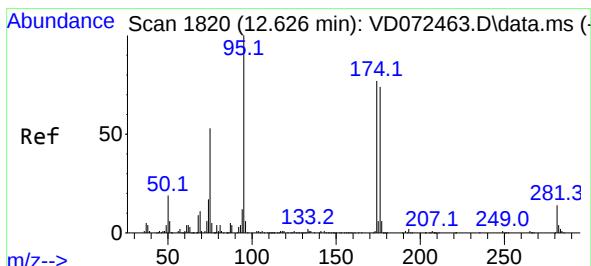
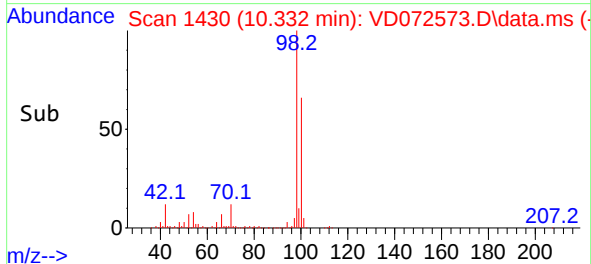
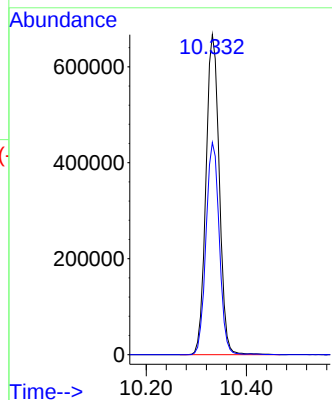
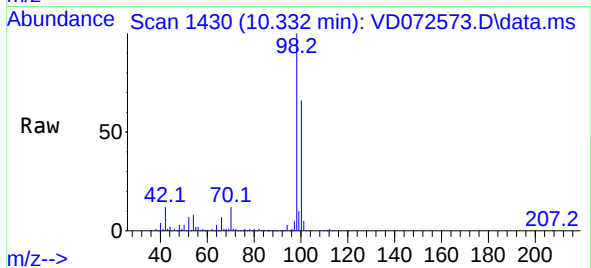




#50
Toluene-d8
Concen: 45.061 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072573.D
Acq: 08 Apr 2022 21:41

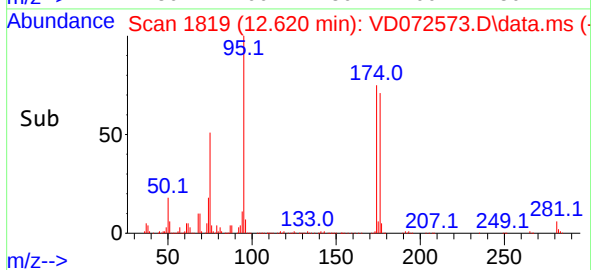
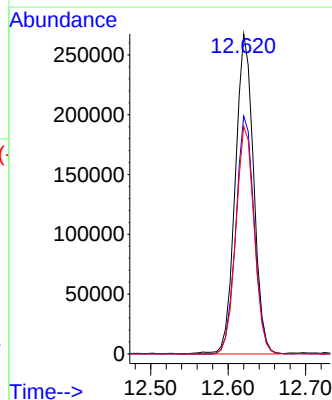
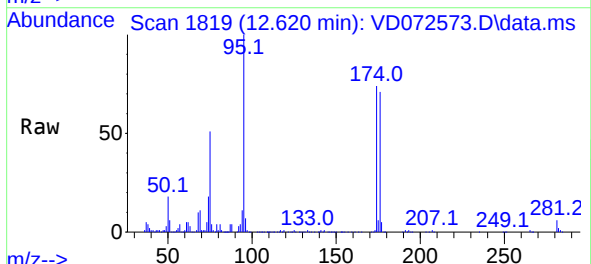
Instrument :
MSVOA_D
ClientSampleId :
C150-CU

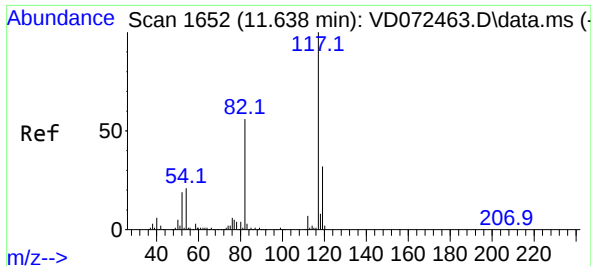
Tgt Ion: 98 Resp: 1230870
Ion Ratio Lower Upper
98 100
100 66.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 41.260 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072573.D
Acq: 08 Apr 2022 21:41

Tgt Ion: 95 Resp: 440155
Ion Ratio Lower Upper
95 100
174 74.7 0.0 152.8
176 71.2 0.0 145.4

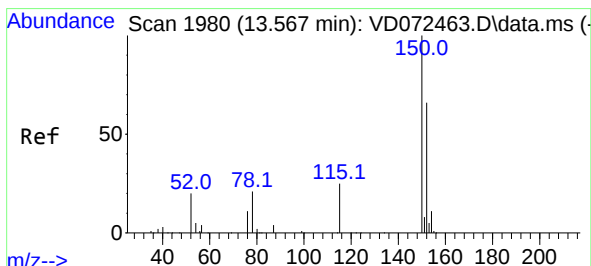
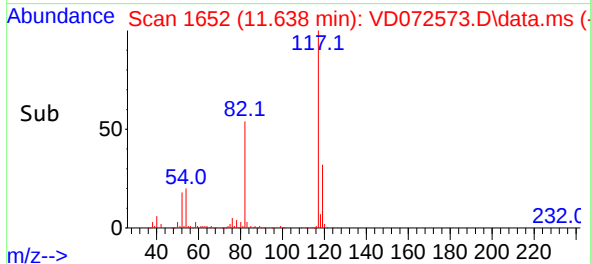
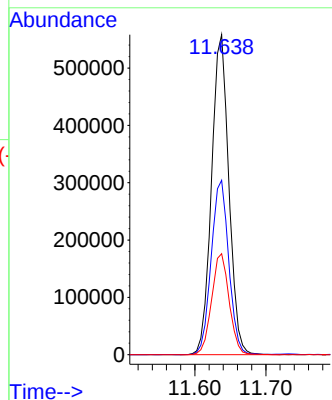
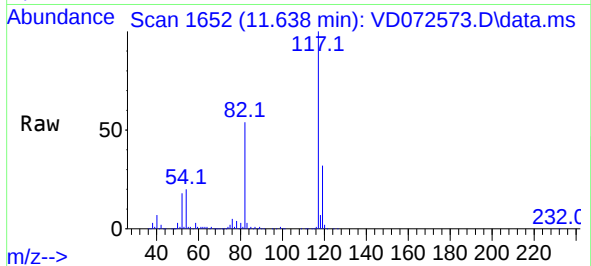




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD072573.D
Acq: 08 Apr 2022 21:41

Instrument :
MSVOA_D
ClientSampleId :
C150-CU

Tgt Ion:117 Resp: 945186
Ion Ratio Lower Upper
117 100
82 54.5 45.3 67.9
119 31.6 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072573.D
Acq: 08 Apr 2022 21:41

Tgt Ion:152 Resp: 420837
Ion Ratio Lower Upper
152 100
115 61.5 31.3 93.8
150 159.2 0.0 348.6

