

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080222\
 Data File : VD073925.D
 Acq On : 02 Aug 2022 14:28
 Operator : VA/SY
 Sample : N3996-01
 Misc : 5.33G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-CS

Quant Time: Aug 03 04:12:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 02 05:13:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	14518	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	30537	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	34362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	16379	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	14889	132.238	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	264.480%#
35) Dibromofluoromethane	7.914	113	12194	64.270	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	128.540%
50) Toluene-d8	10.326	98	37150	58.128	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	116.260%
62) 4-Bromofluorobenzene	12.620	95	15404	65.542	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	131.080%

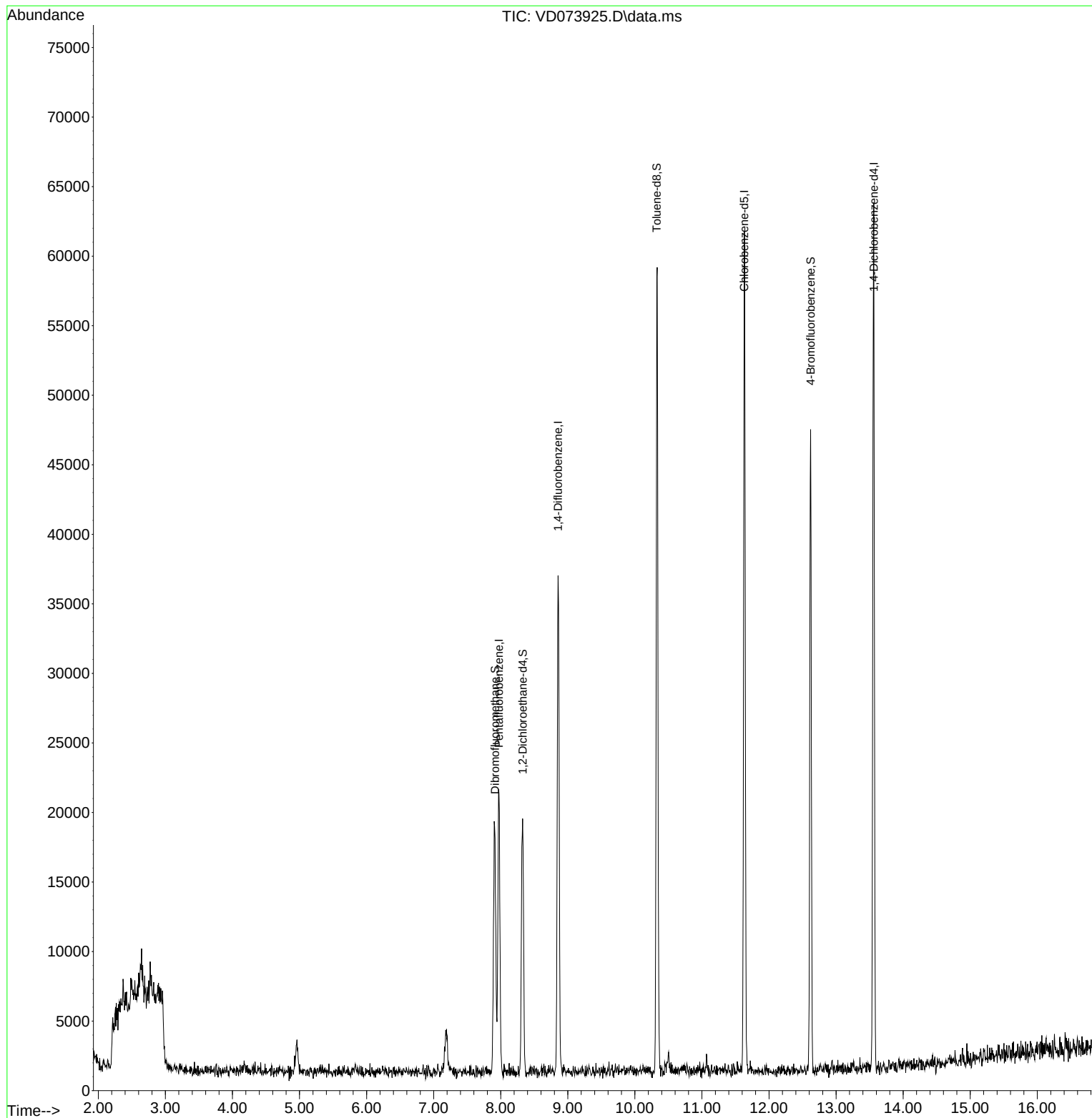
Target Compounds	Qvalue

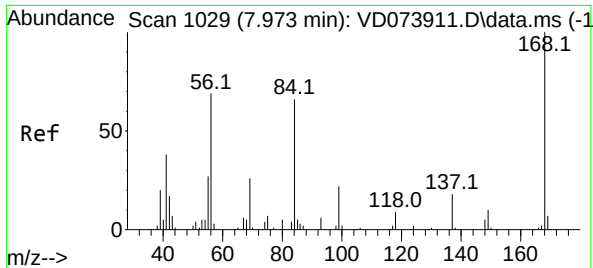
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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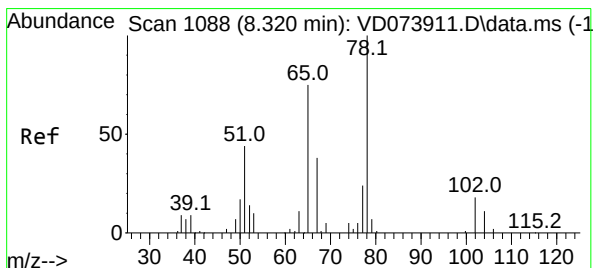
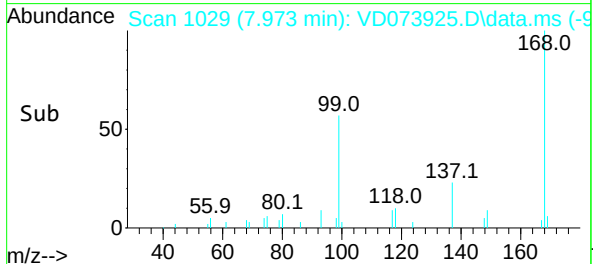
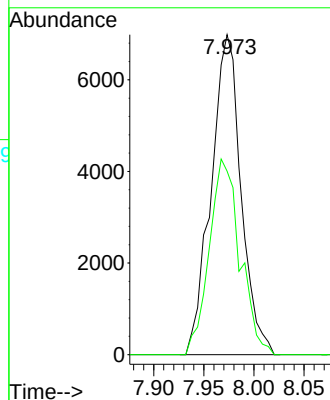
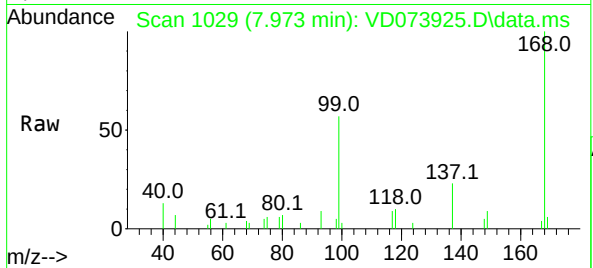




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073925.D
Acq: 02 Aug 2022 14:28

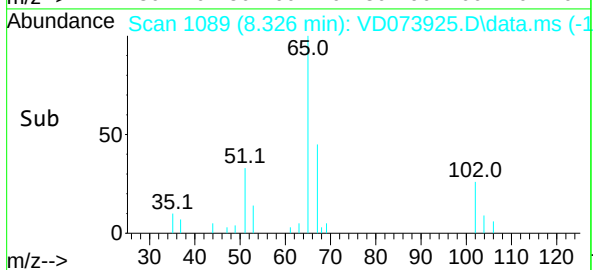
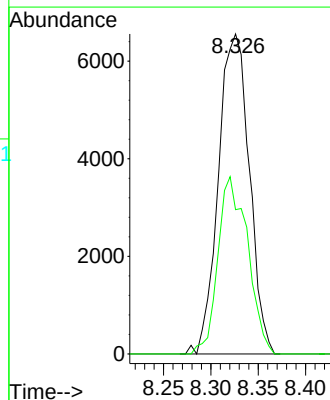
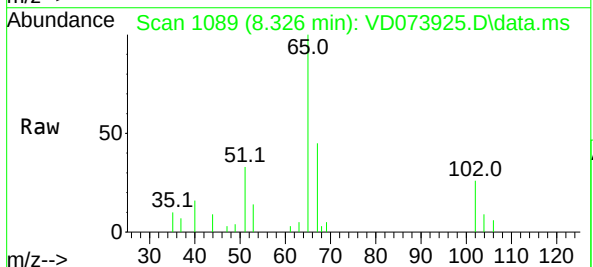
Instrument :
MSVOA_D
ClientSampleId :
MH-CS

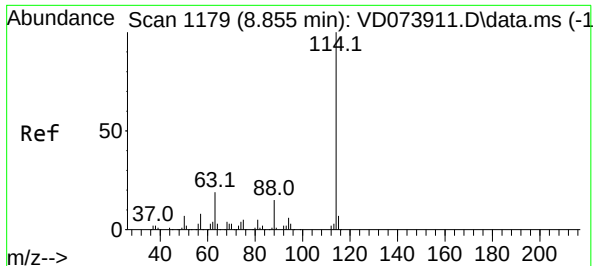
Tgt Ion:168 Resp: 14518
Ion Ratio Lower Upper
168 100
99 57.3 52.2 78.4



#33
1,2-Dichloroethane-d4
Concen: 132.238 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD073925.D
Acq: 02 Aug 2022 14:28

Tgt Ion: 65 Resp: 14889
Ion Ratio Lower Upper
65 100
67 53.2 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073925.D

Acq: 02 Aug 2022 14:28

Instrument :

MSVOA_D

ClientSampleId :

MH-CS

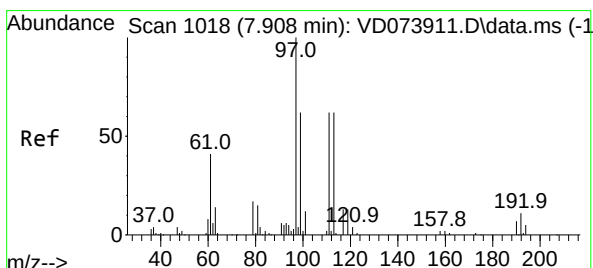
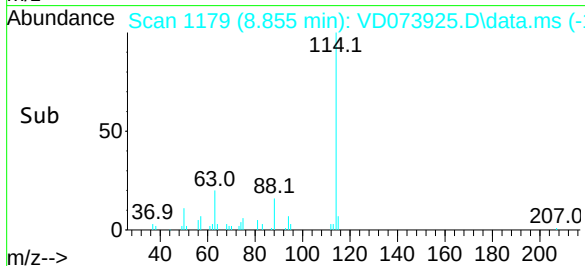
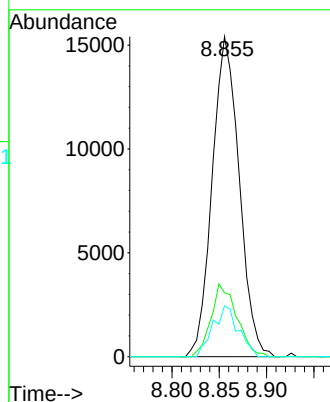
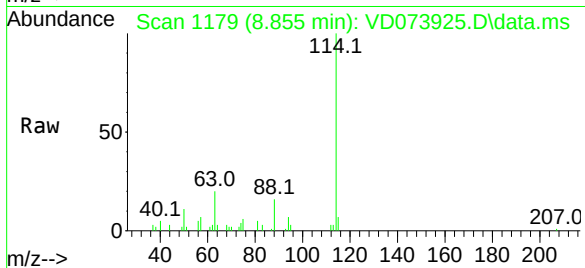
Tgt Ion:114 Resp: 30537

Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.6

88 15.9 0.0 30.2



#35

Dibromofluoromethane

Concen: 64.270 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD073925.D

Acq: 02 Aug 2022 14:28

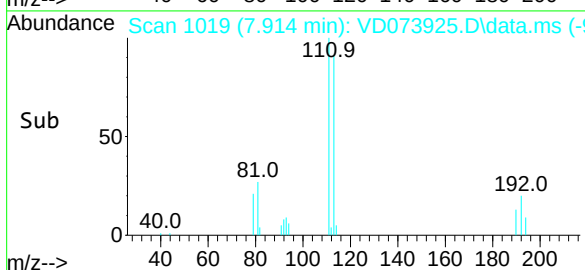
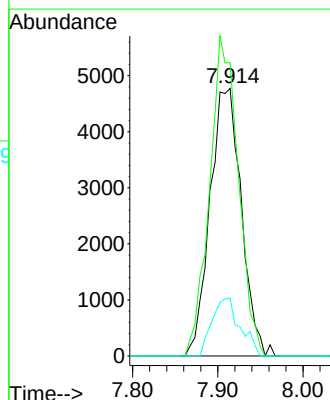
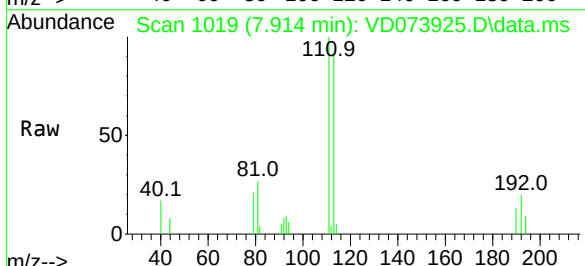
Tgt Ion:113 Resp: 12194

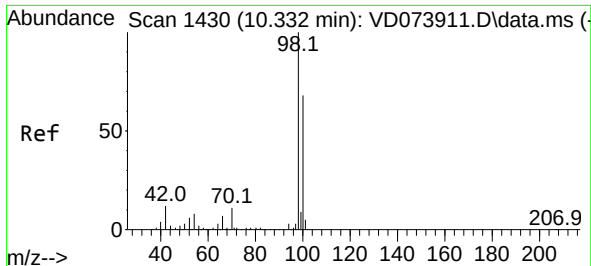
Ion Ratio Lower Upper

113 100

111 109.7 83.7 125.5

192 19.3 15.0 22.6

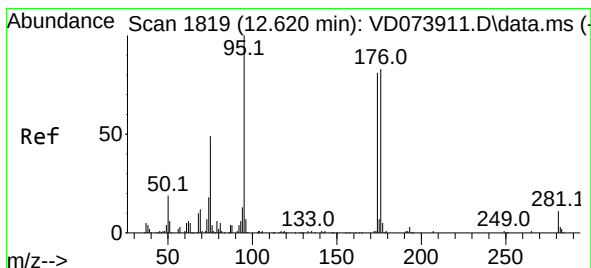
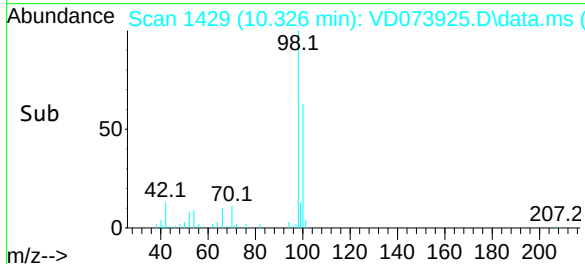
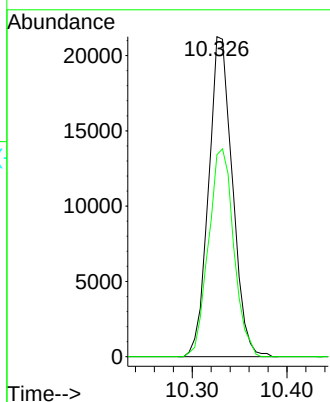
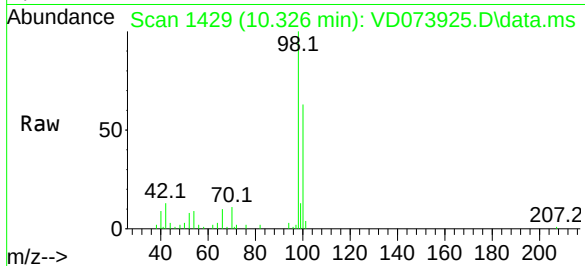




#50
Toluene-d8
Concen: 58.128 ug/l
RT: 10.326 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD073925.D
Acq: 02 Aug 2022 14:28

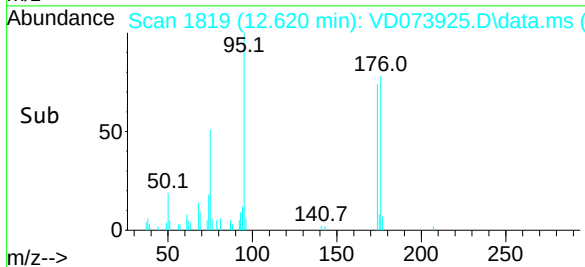
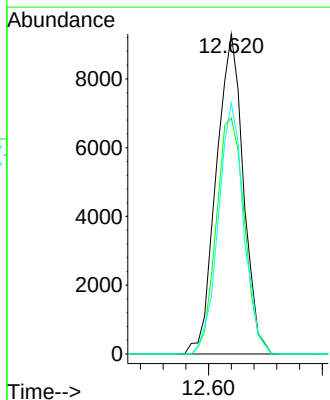
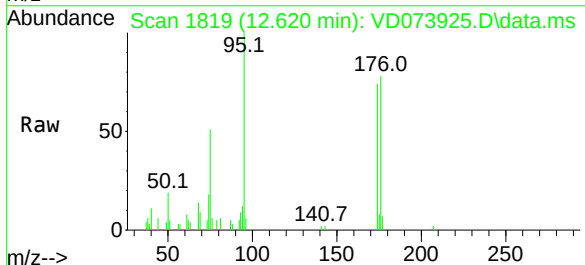
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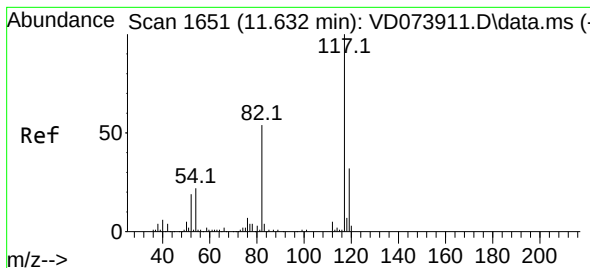
Tgt Ion: 98 Resp: 37150
Ion Ratio Lower Upper
98 100
100 68.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 65.542 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073925.D
Acq: 02 Aug 2022 14:28

Tgt Ion: 95 Resp: 15404
Ion Ratio Lower Upper
95 100
174 76.6 0.0 164.2
176 73.8 0.0 161.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.632 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD073925.D

Acq: 02 Aug 2022 14:28

Instrument :

MSVOA_D

ClientSampleId :

MH-CS

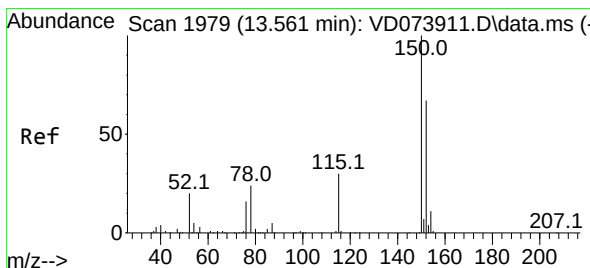
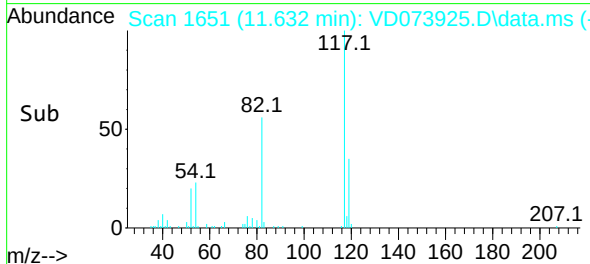
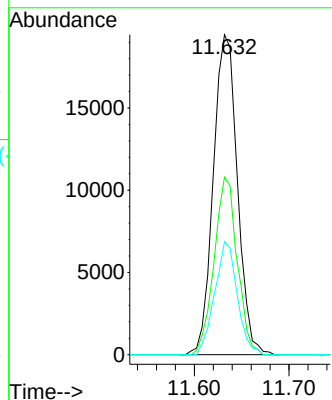
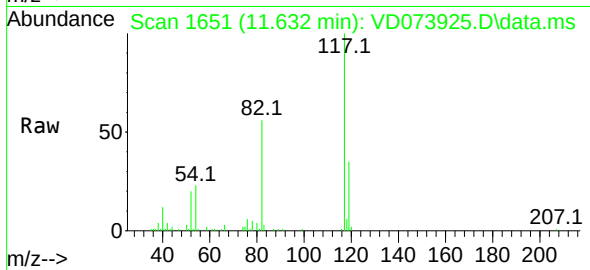
Tgt Ion:117 Resp: 34362

Ion Ratio Lower Upper

117 100

82 55.5 43.3 64.9

119 35.4 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VD073925.D

Acq: 02 Aug 2022 14:28

Tgt Ion:152 Resp: 16379

Ion Ratio Lower Upper

152 100

115 64.8 29.1 87.3

150 153.4 0.0 338.2

