

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070122\
 Data File : VD073766.D
 Acq On : 01 Jul 2022 16:07
 Operator : VA/SY
 Sample : N3562-03
 Misc : 4.48G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-8A

Quant Time: Jul 05 05:08:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D063022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 05 04:59:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	168415	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	344291	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	308514	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	130779	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	113148	68.869	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	137.740%
35) Dibromofluoromethane	7.903	113	108898	58.224	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.440%
50) Toluene-d8	10.332	98	425459	62.013	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	124.020%
62) 4-Bromofluorobenzene	12.620	95	146559	54.161	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.320%

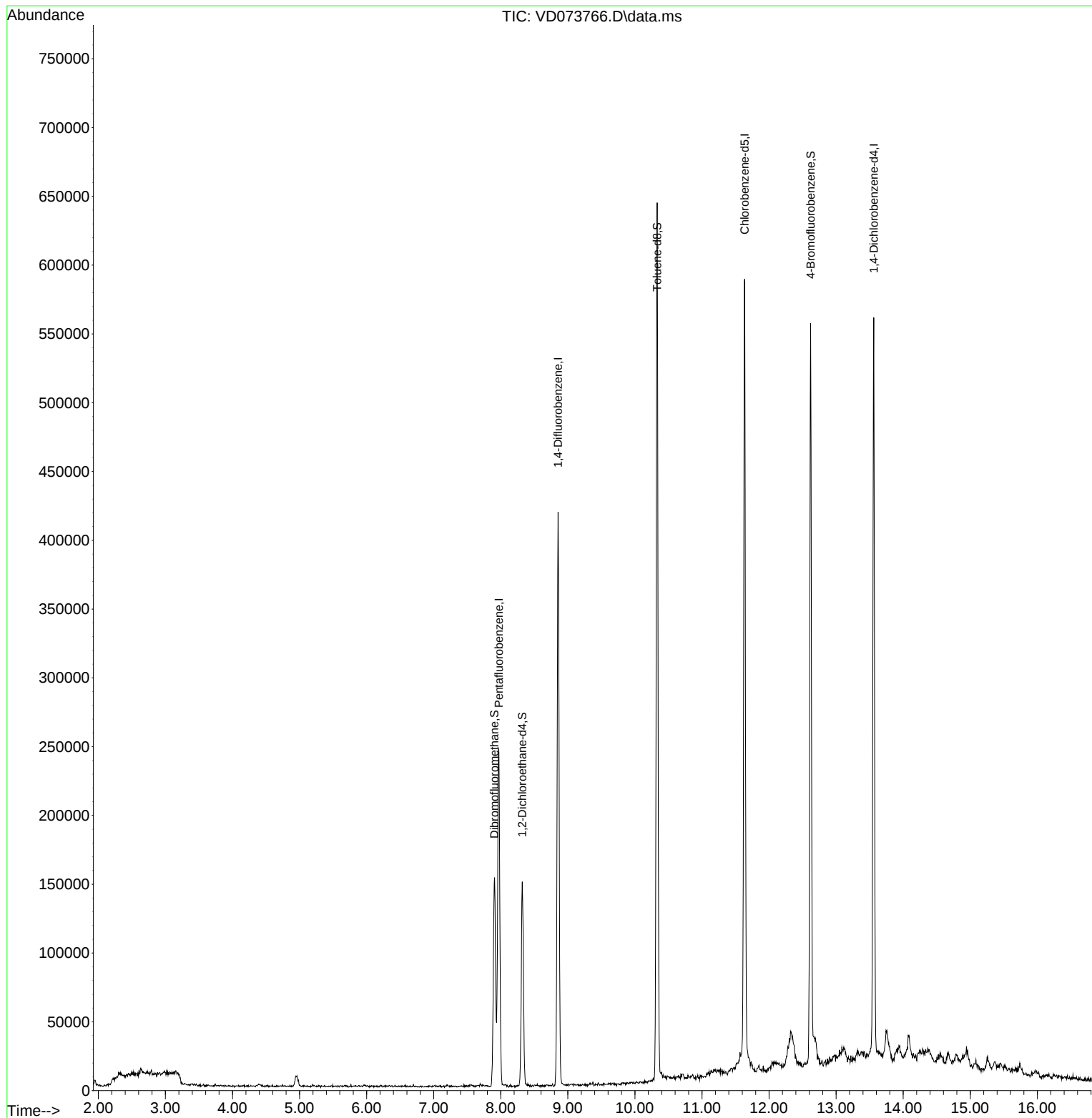
Target Compounds	Qvalue

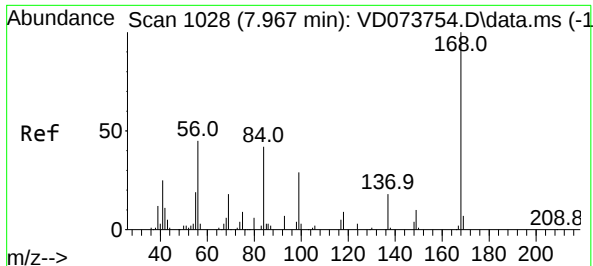
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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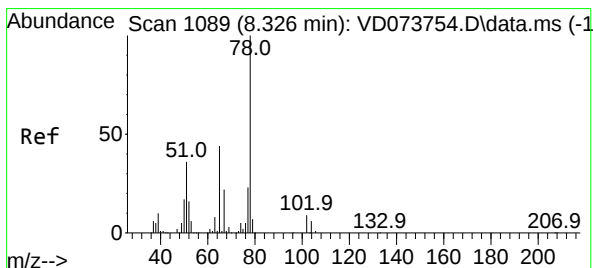
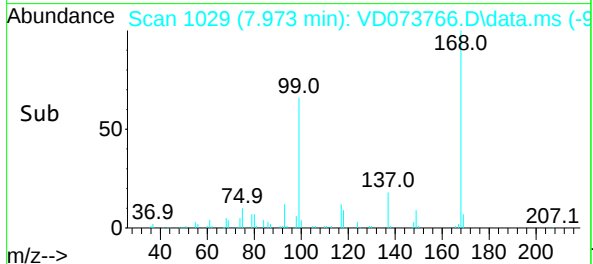
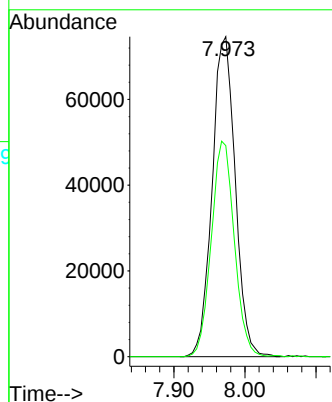
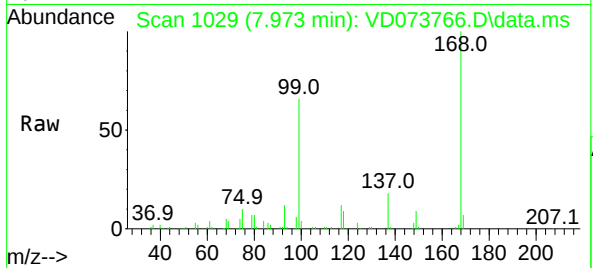




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1028
Delta R.T. 0.006 min
Lab File: VD073766.D
Acq: 01 Jul 2022 16:07

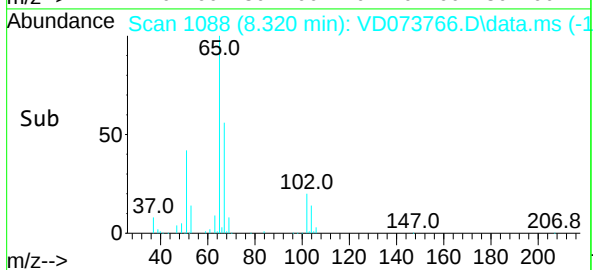
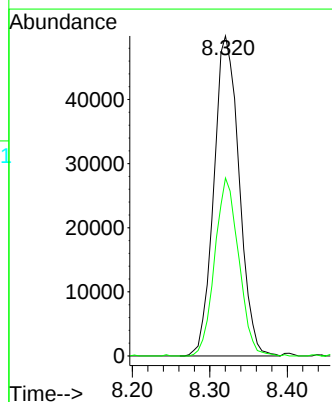
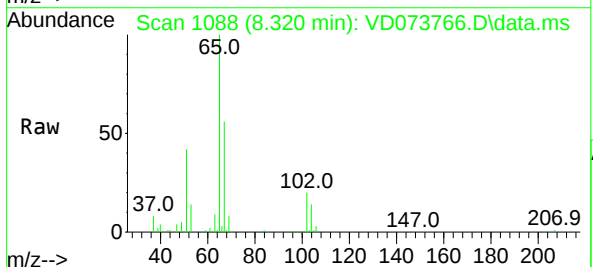
Instrument :
MSVOA_D
ClientSampleId :
SB-8A

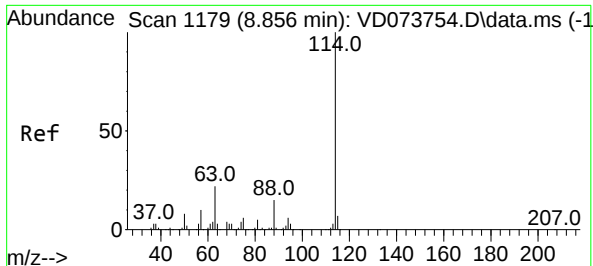
Tgt Ion:168 Resp: 168415
Ion Ratio Lower Upper
168 100
99 66.0 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 68.869 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD073766.D
Acq: 01 Jul 2022 16:07

Tgt Ion: 65 Resp: 113148
Ion Ratio Lower Upper
65 100
67 52.8 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD073766.D

Acq: 01 Jul 2022 16:07

Instrument :

MSVOA_D

ClientSampleId :

SB-8A

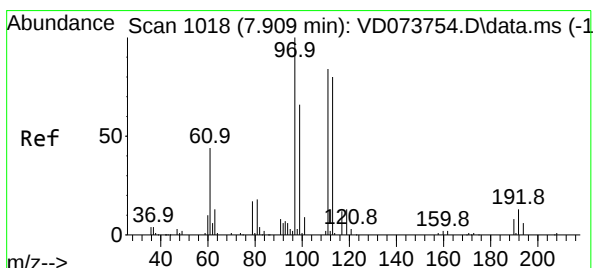
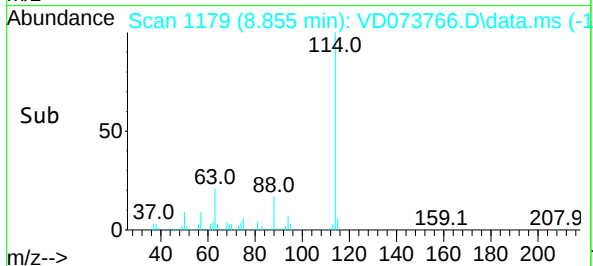
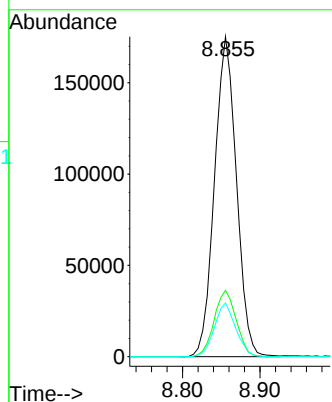
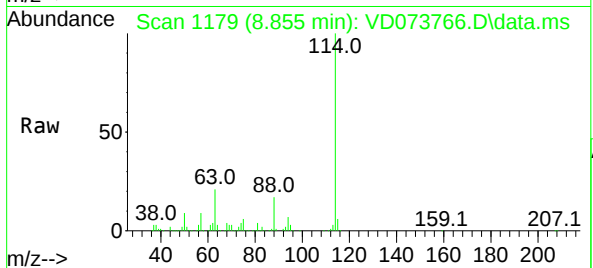
Tgt Ion:114 Resp: 344291

Ion Ratio Lower Upper

114 100

63 20.8 0.0 39.2

88 16.8 0.0 29.4



#35

Dibromofluoromethane

Concen: 58.224 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD073766.D

Acq: 01 Jul 2022 16:07

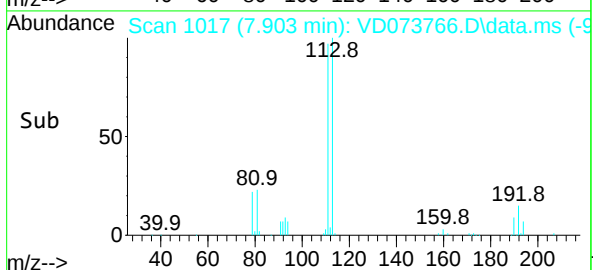
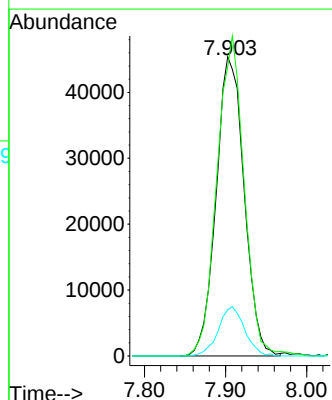
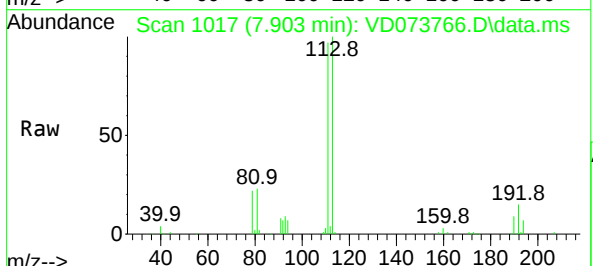
Tgt Ion:113 Resp: 108898

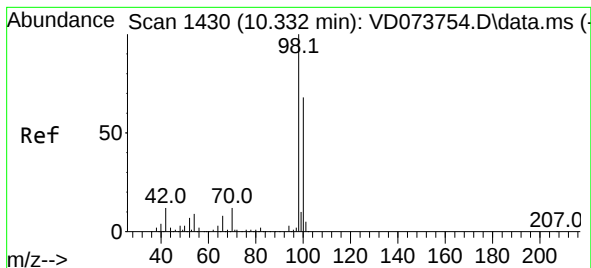
Ion Ratio Lower Upper

113 100

111 103.9 81.8 122.6

192 15.5 14.8 22.2

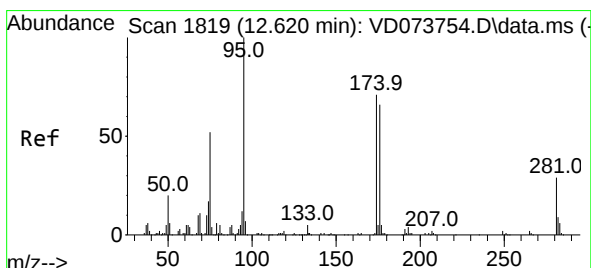
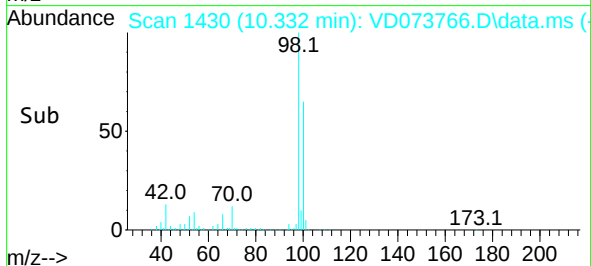
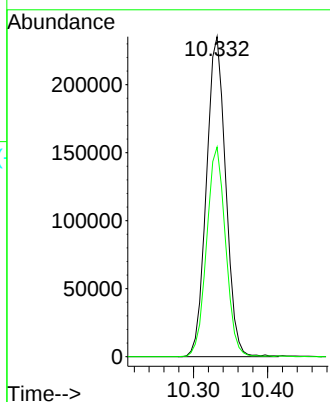
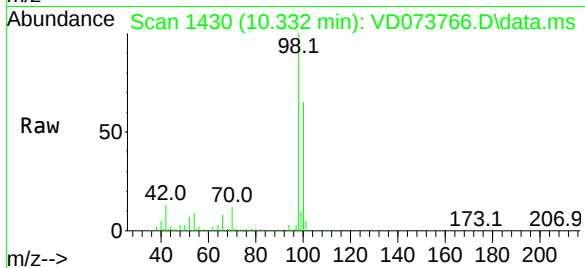




#50
Toluene-d8
Concen: 62.013 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073766.D
Acq: 01 Jul 2022 16:07

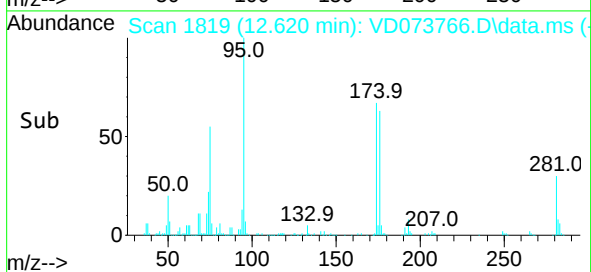
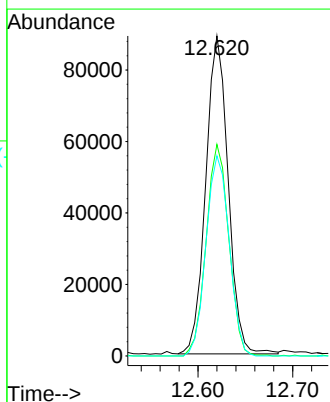
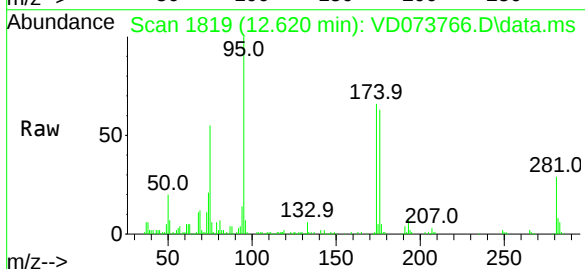
Instrument :
MSVOA_D
ClientSampleId :
SB-8A

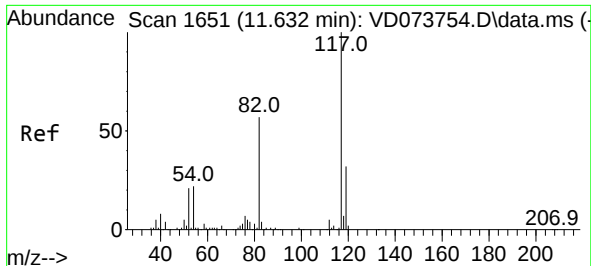
Tgt Ion: 98 Resp: 425459
Ion Ratio Lower Upper
98 100
100 64.3 54.0 81.0



#62
4-Bromofluorobenzene
Concen: 54.161 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073766.D
Acq: 01 Jul 2022 16:07

Tgt Ion: 95 Resp: 146559
Ion Ratio Lower Upper
95 100
174 67.1 0.0 158.4
176 65.0 0.0 154.8

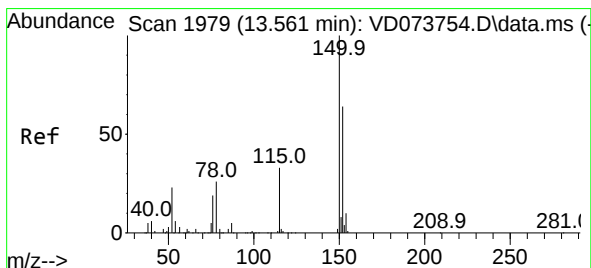
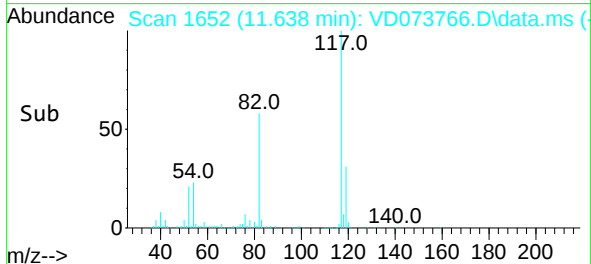
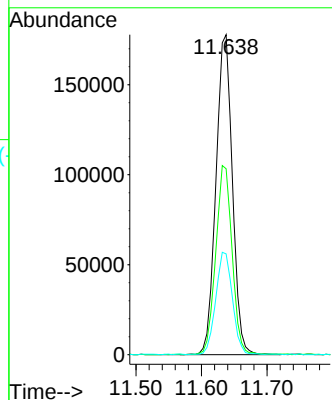
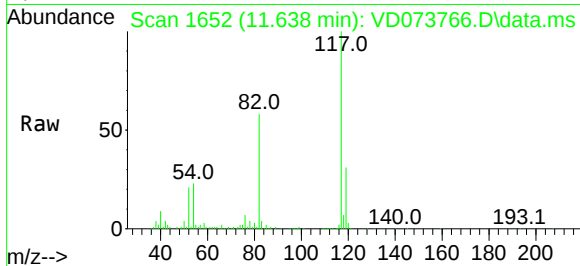




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD073766.D
Acq: 01 Jul 2022 16:07

Instrument :
MSVOA_D
ClientSampleId :
SB-8A

Tgt Ion:117 Resp: 308514
Ion Ratio Lower Upper
117 100
82 57.9 41.5 62.3
119 31.3 27.1 40.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073766.D
Acq: 01 Jul 2022 16:07

Tgt Ion:152 Resp: 130779
Ion Ratio Lower Upper
152 100
115 63.6 30.6 91.6
150 156.7 0.0 355.0

