

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070522\
 Data File : VD073778.D
 Acq On : 05 Jul 2022 17:06
 Operator : VA/SY
 Sample : N3562-07
 Misc : 3.64G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-10A

Quant Time: Jul 06 02:51:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D063022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 05 10:05:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	124360	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.855	114	250694	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	216009	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	78134	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	71004	58.528	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.060%
35) Dibromofluoromethane	7.903	113	71356	52.395	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.800%
50) Toluene-d8	10.332	98	206807	41.397	ug/l	0.00
Spiked Amount	50.000	Range	78 - 12	Recovery	=	82.800%#
62) 4-Bromofluorobenzene	12.620	95	80282	40.745	ug/l	0.00
Spiked Amount	50.000	Range	50 - 14	Recovery	=	81.480%#

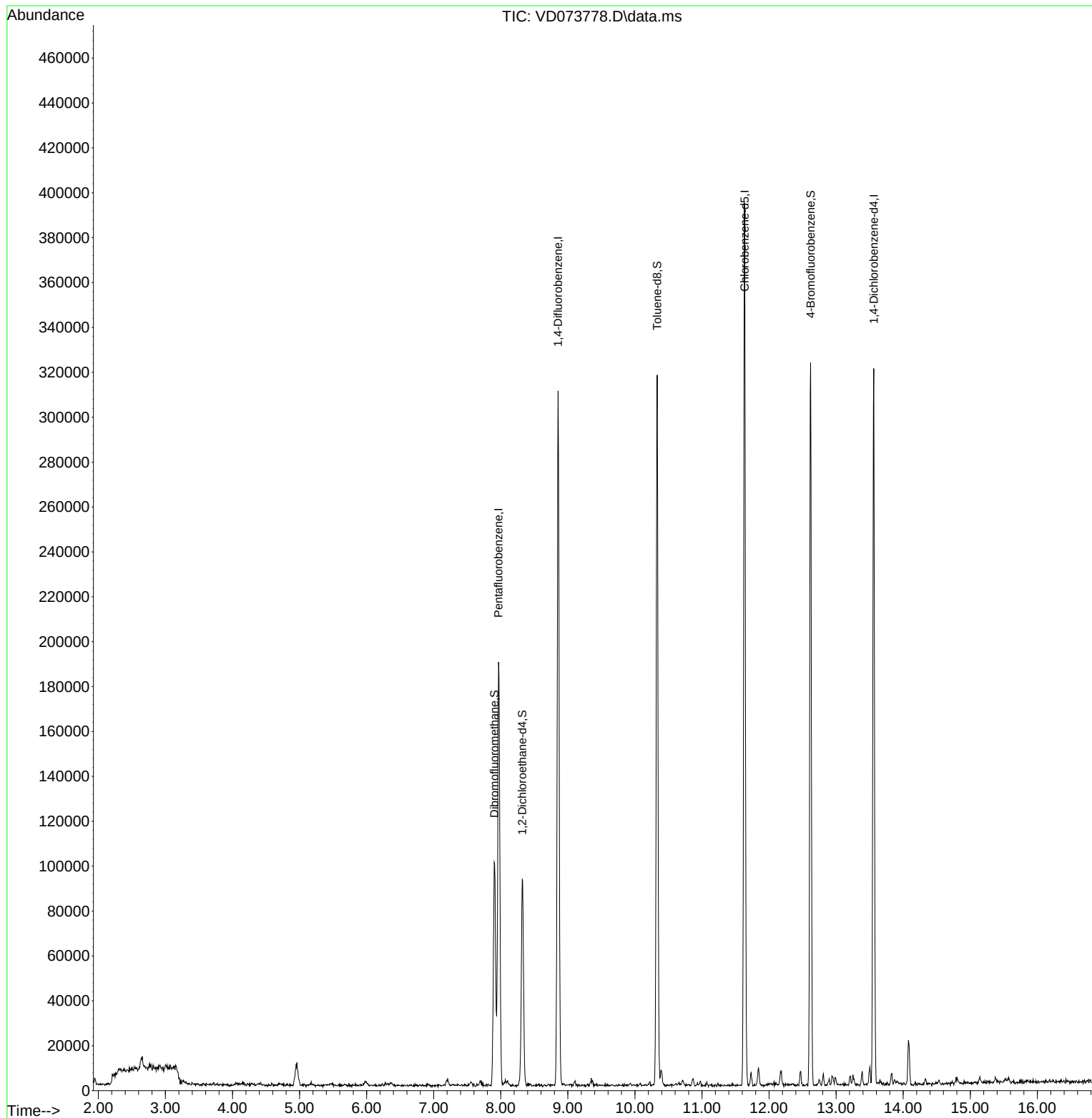
Target Compounds	Qvalue

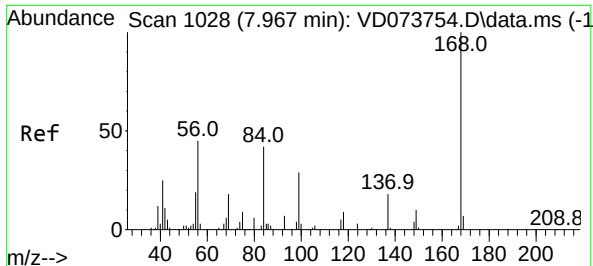
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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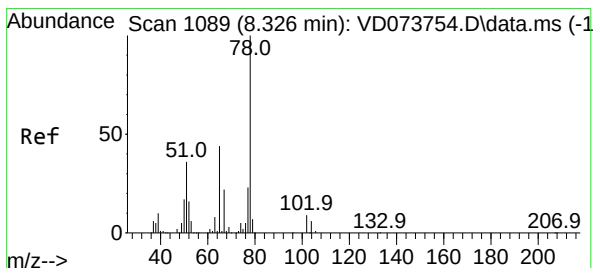
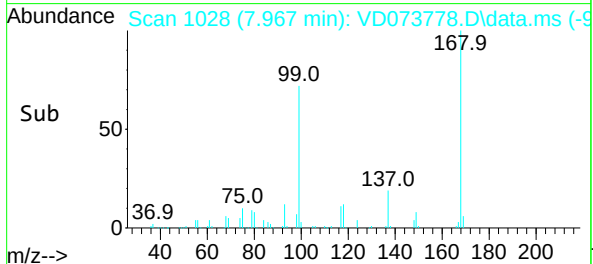
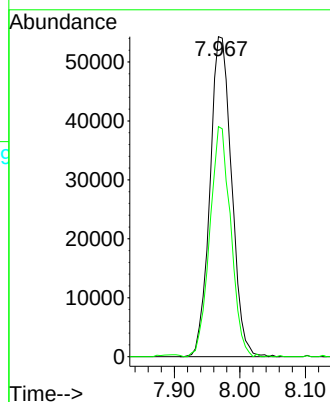
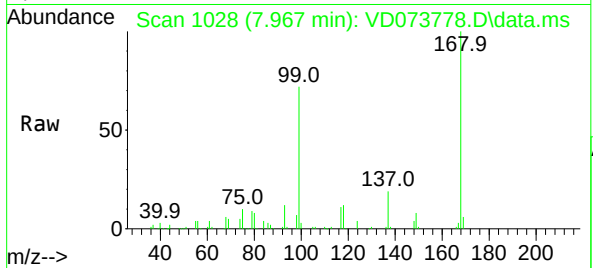




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VD073778.D
Acq: 05 Jul 2022 17:06

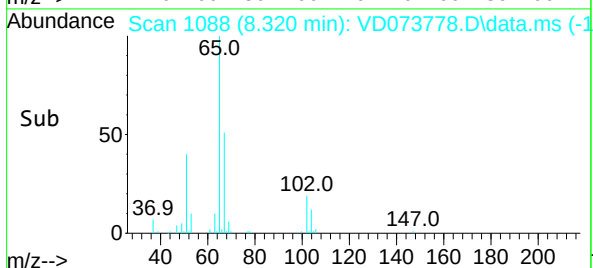
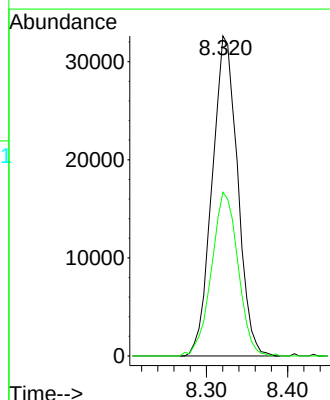
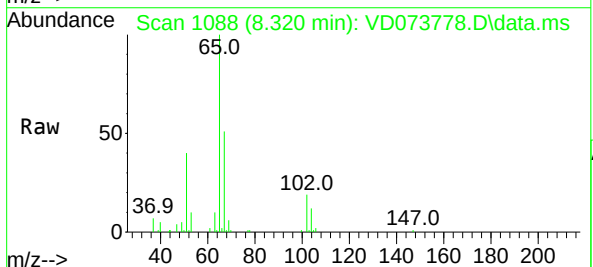
Instrument :
MSVOA_D
ClientSampleId :
SB-10A

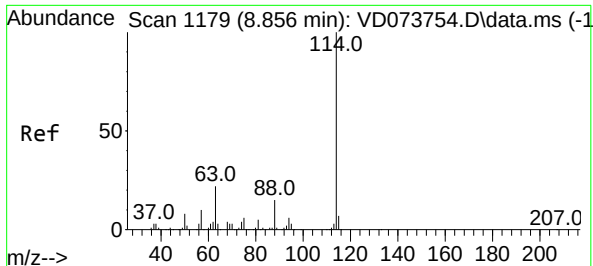
Tgt Ion:168 Resp: 124360
Ion Ratio Lower Upper
168 100
99 71.5 46.4 69.6#



#33
1,2-Dichloroethane-d4
Concen: 58.528 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD073778.D
Acq: 05 Jul 2022 17:06

Tgt Ion: 65 Resp: 71004
Ion Ratio Lower Upper
65 100
67 53.2 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: VD073778.D

Acq: 05 Jul 2022 17:06

Instrument :

MSVOA_D

ClientSampleId :

SB-10A

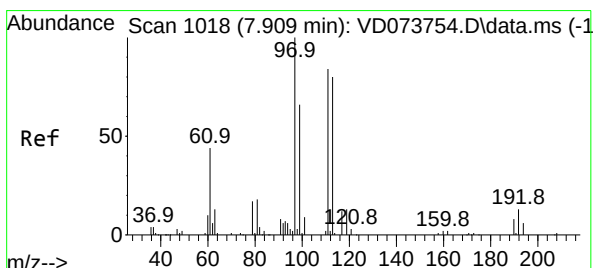
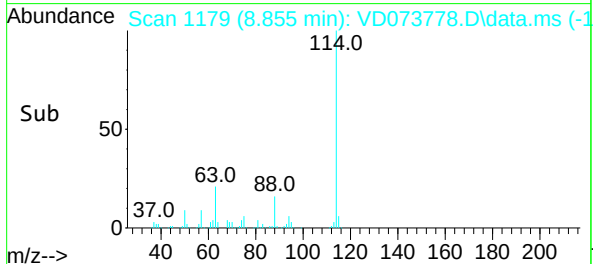
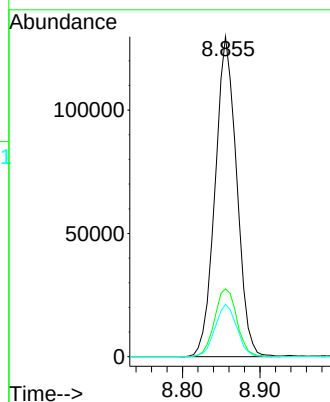
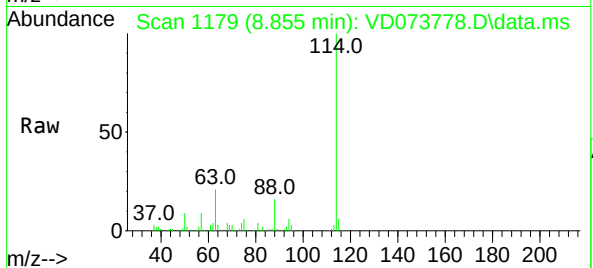
Tgt Ion:114 Resp: 250694

Ion Ratio Lower Upper

114 100

63 21.2 0.0 39.2

88 16.4 0.0 29.4



#35

Dibromofluoromethane

Concen: 52.395 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD073778.D

Acq: 05 Jul 2022 17:06

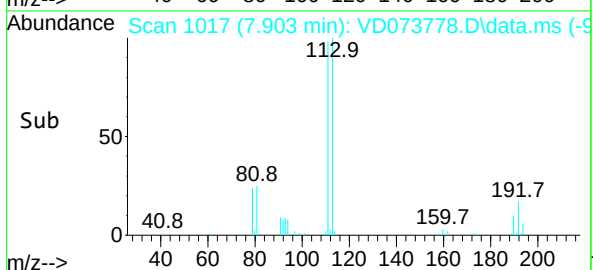
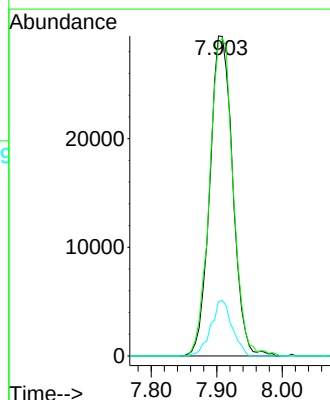
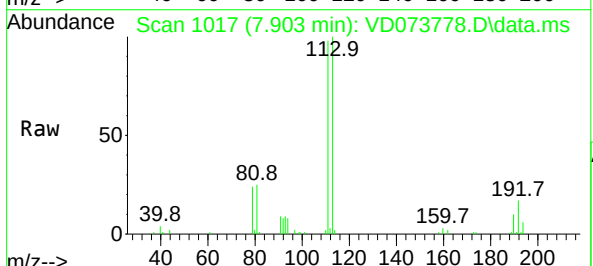
Tgt Ion:113 Resp: 71356

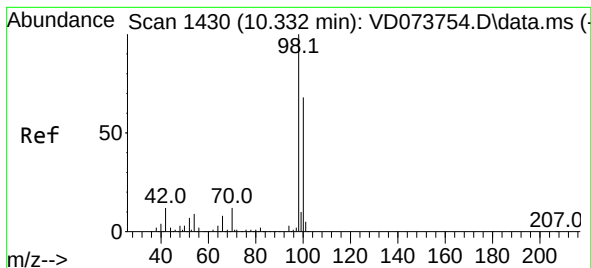
Ion Ratio Lower Upper

113 100

111 102.5 81.8 122.6

192 16.1 14.8 22.2

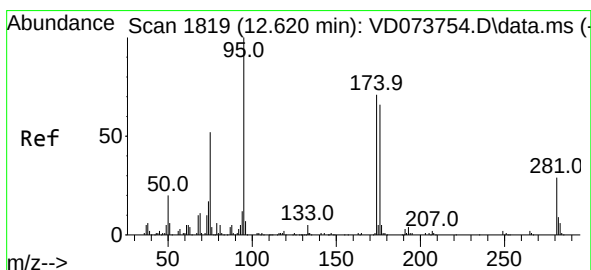
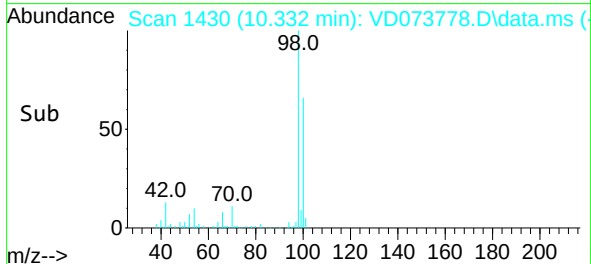
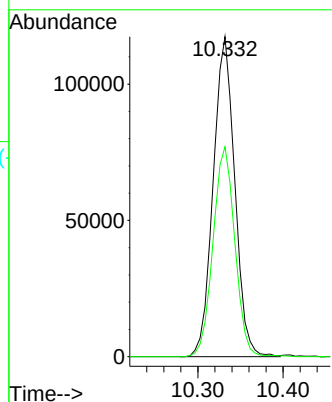
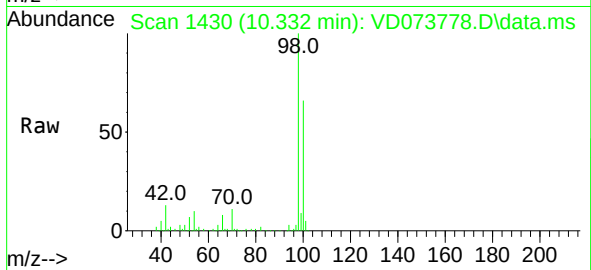




#50
Toluene-d8
Concen: 41.397 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073778.D
Acq: 05 Jul 2022 17:06

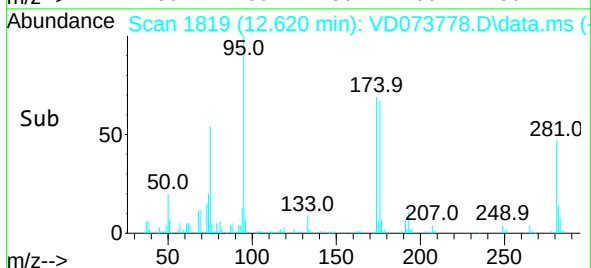
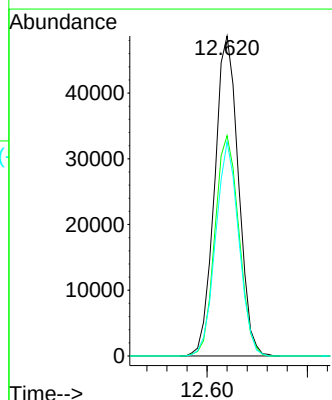
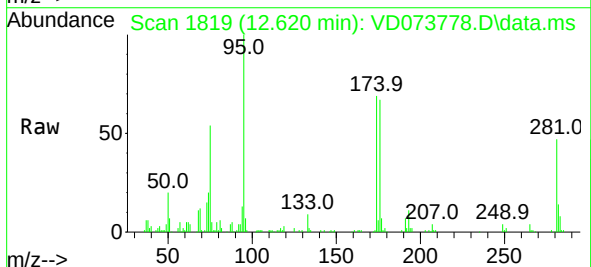
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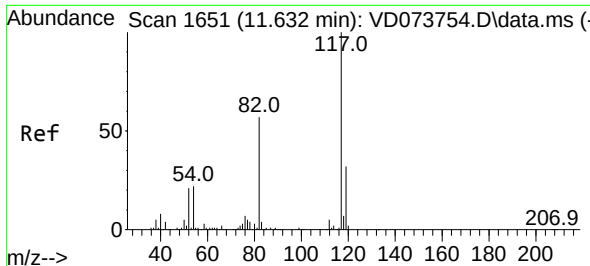
Tgt Ion: 98 Resp: 206807
Ion Ratio Lower Upper
98 100
100 66.4 54.0 81.0



#62
4-Bromofluorobenzene
Concen: 40.745 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073778.D
Acq: 05 Jul 2022 17:06

Tgt Ion: 95 Resp: 80282
Ion Ratio Lower Upper
95 100
174 69.3 0.0 158.4
176 65.0 0.0 154.8

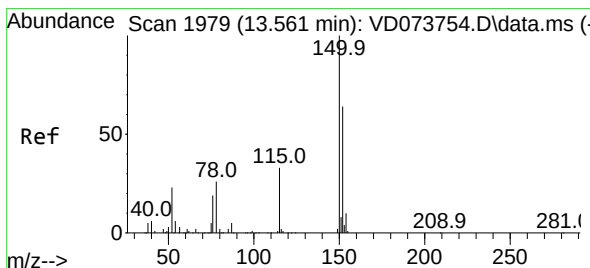
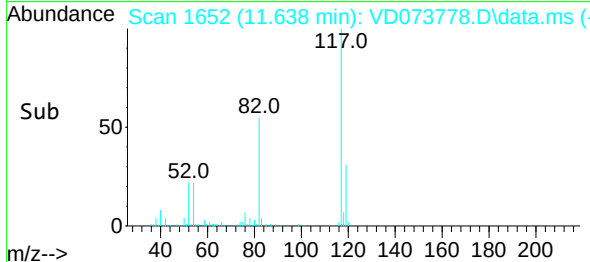
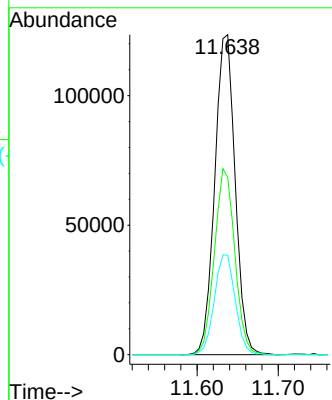
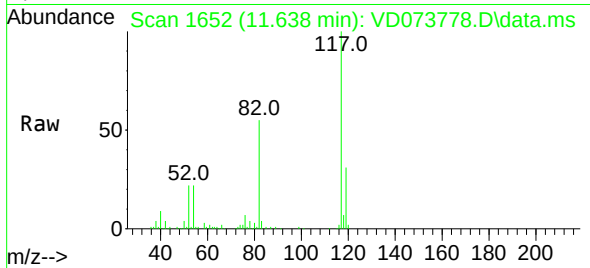




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD073778.D
Acq: 05 Jul 2022 17:06

Instrument :
MSVOA_D
ClientSampleId :
SB-10A

Tgt Ion:117 Resp: 216009
Ion Ratio Lower Upper
117 100
82 55.4 41.5 62.3
119 31.1 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: VD073778.D
Acq: 05 Jul 2022 17:06

Tgt Ion:152 Resp: 78134
Ion Ratio Lower Upper
152 100
115 63.1 30.6 91.6
150 157.7 0.0 355.0

