

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070122\
 Data File : VD073771.D
 Acq On : 01 Jul 2022 18:38
 Operator : VA/SY
 Sample : N3562-09
 Misc : 4.72G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-11A

Quant Time: Jul 05 05:10:31 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	109522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	223795	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.631	117	159629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	39335	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	71056	66.506	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.020%
35) Dibromofluoromethane	7.908	113	68090	56.007	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.020%
50) Toluene-d8	10.332	98	163082	36.569	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	73.140%
62) 4-Bromofluorobenzene	12.620	95	53411	30.365	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	60.740%

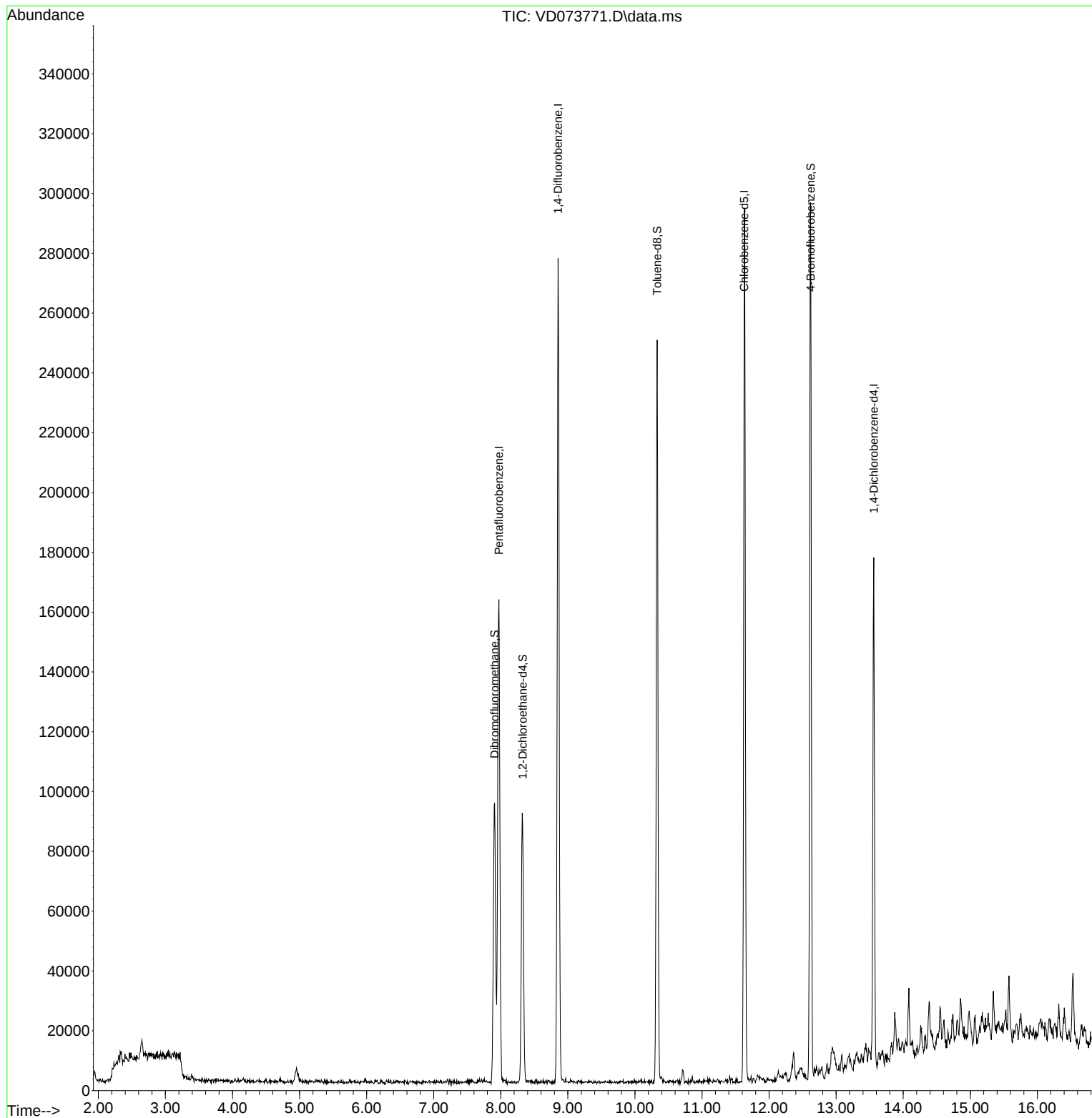
Target Compounds	Qvalue

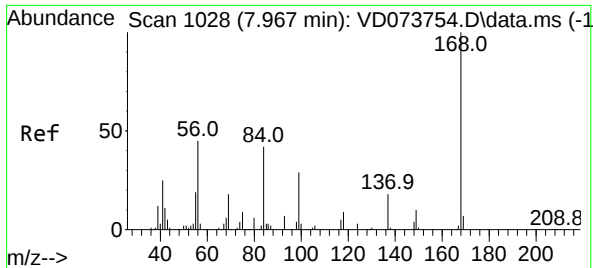
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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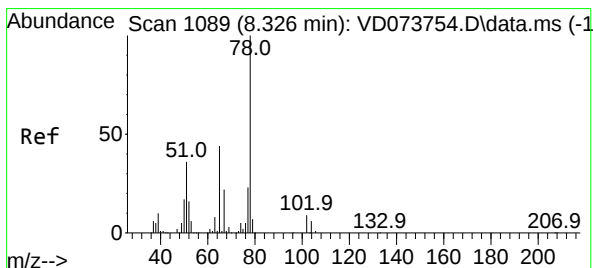
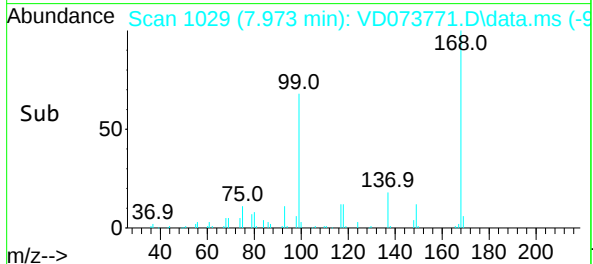
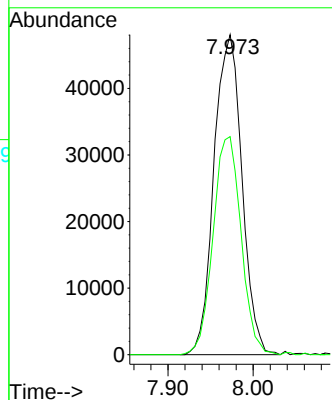
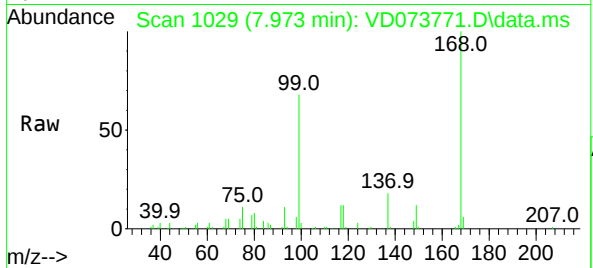




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1028
Delta R.T. 0.006 min
Lab File: VD073771.D
Acq: 01 Jul 2022 18:38

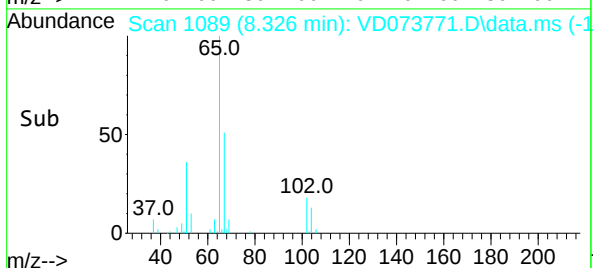
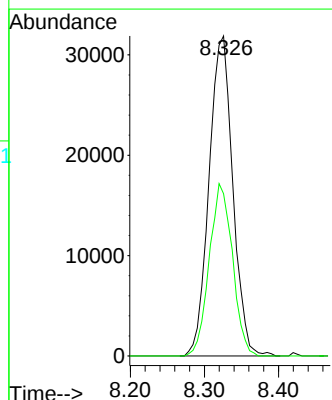
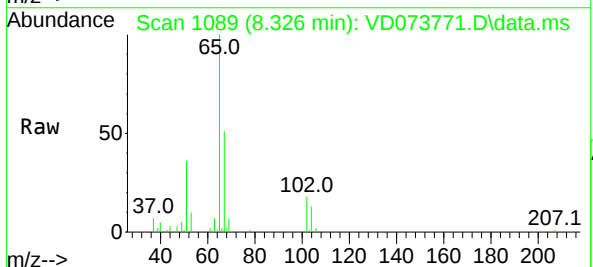
Instrument :
MSVOA_D
ClientSampleId :
SB-11A

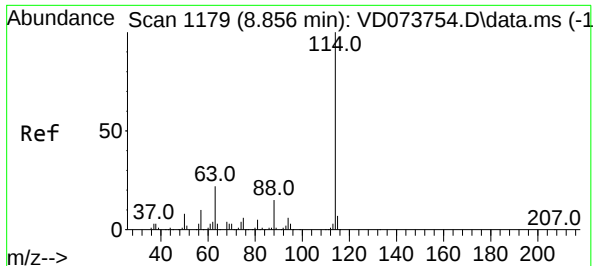
Tgt Ion:168 Resp: 109522
Ion Ratio Lower Upper
168 100
99 68.2 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 66.506 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD073771.D
Acq: 01 Jul 2022 18:38

Tgt Ion: 65 Resp: 71056
Ion Ratio Lower Upper
65 100
67 52.5 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: VD073771.D

Acq: 01 Jul 2022 18:38

Instrument :

MSVOA_D

ClientSampleId :

SB-11A

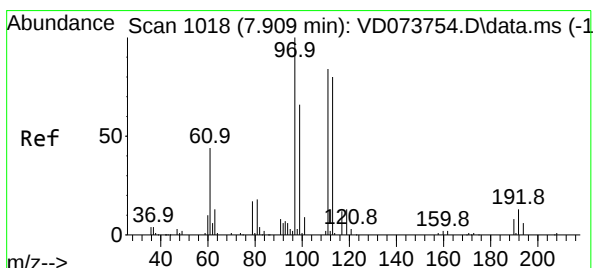
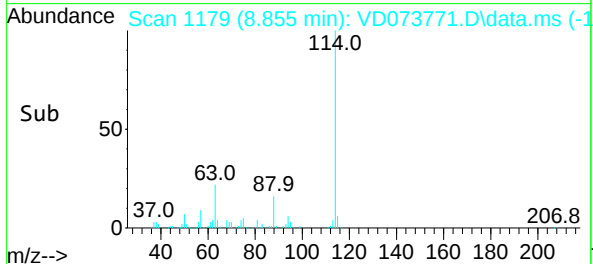
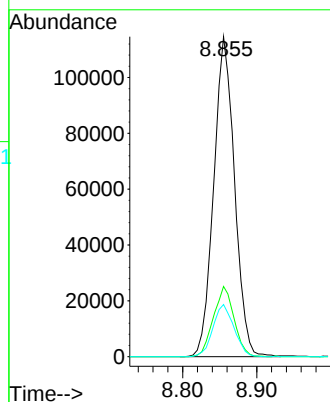
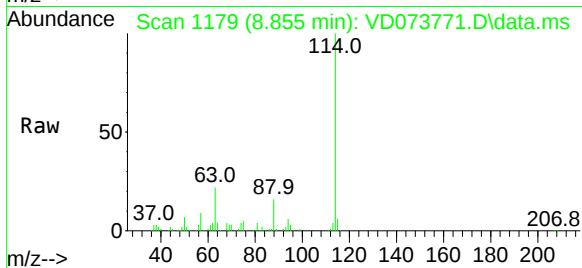
Tgt Ion:114 Resp: 223795

Ion Ratio Lower Upper

114 100

63 22.0 0.0 39.2

88 16.3 0.0 29.4



#35

Dibromofluoromethane

Concen: 56.007 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD073771.D

Acq: 01 Jul 2022 18:38

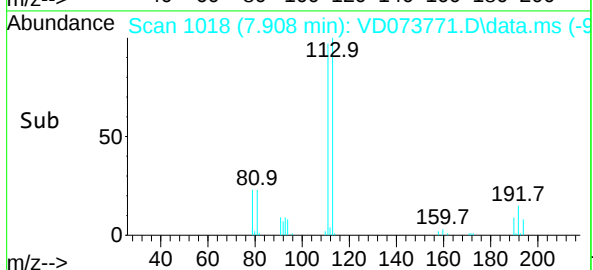
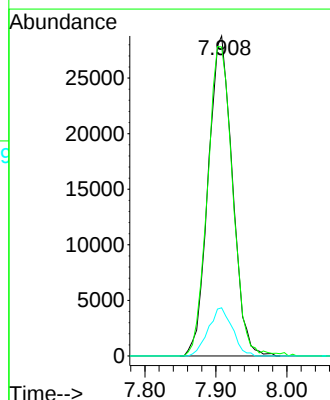
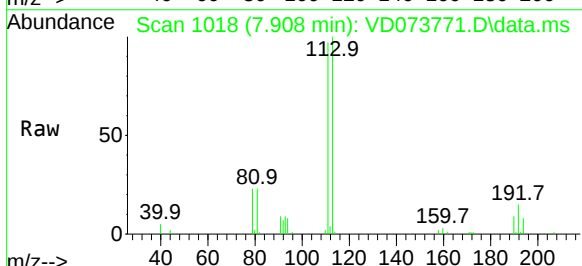
Tgt Ion:113 Resp: 68090

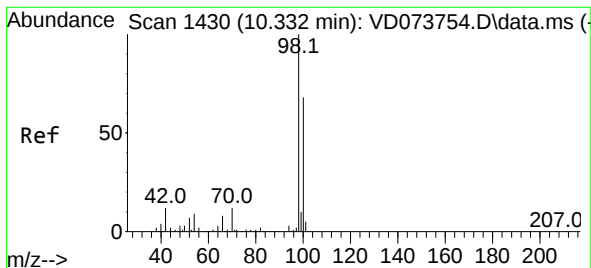
Ion Ratio Lower Upper

113 100

111 100.7 81.8 122.6

192 14.9 14.8 22.2





#50

Toluene-d8

Concen: 36.569 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.001 min

Lab File: VD073771.D

Acq: 01 Jul 2022 18:38

Instrument :

MSVOA_D

ClientSampleId :

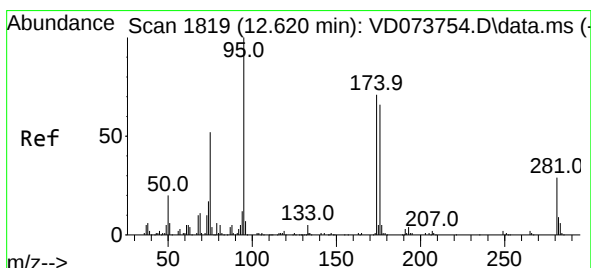
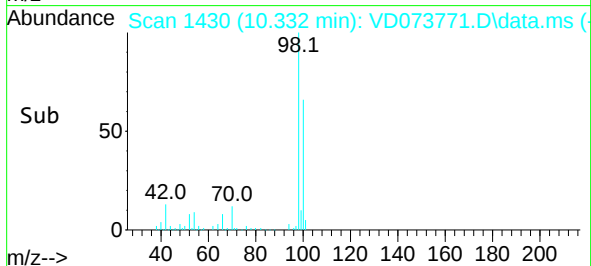
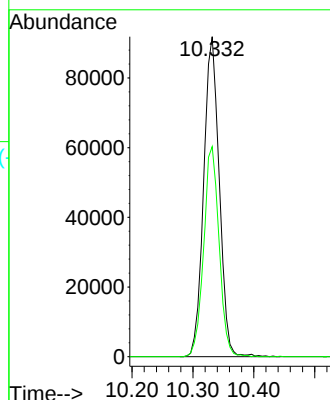
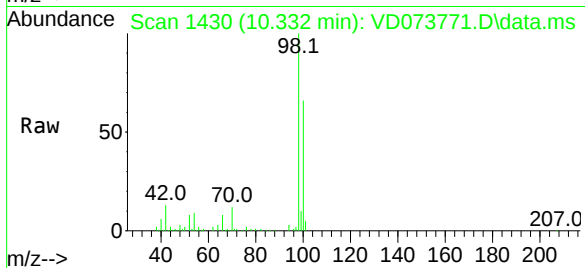
SB-11A

Tgt Ion: 98 Resp: 163082

Ion Ratio Lower Upper

98 100

100 64.9 54.0 81.0



#62

4-Bromofluorobenzene

Concen: 30.365 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.000 min

Lab File: VD073771.D

Acq: 01 Jul 2022 18:38

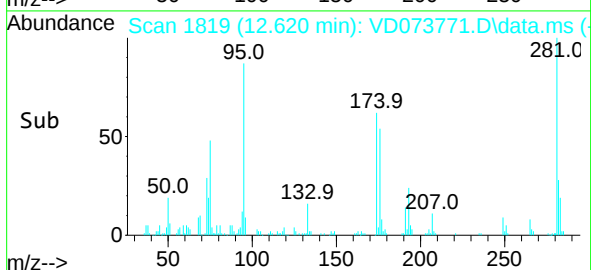
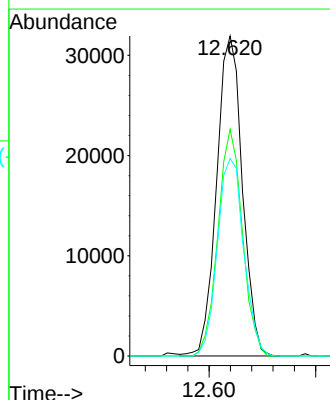
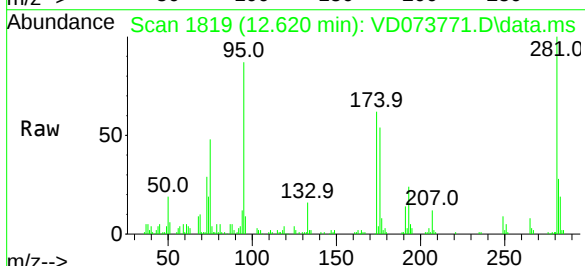
Tgt Ion: 95 Resp: 53411

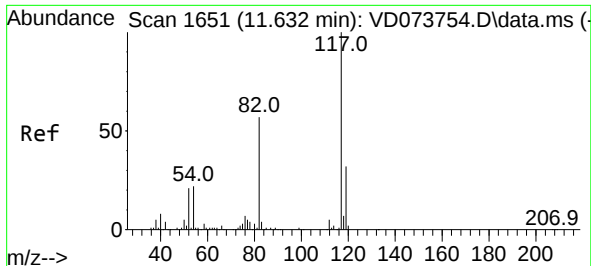
Ion Ratio Lower Upper

95 100

174 67.5 0.0 158.4

176 63.4 0.0 154.8

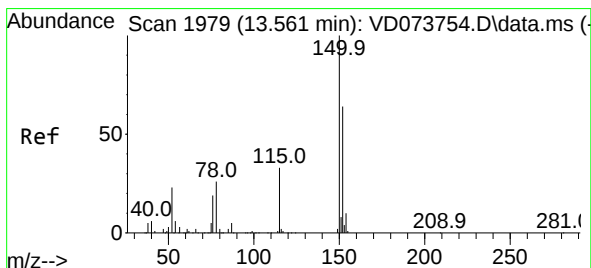
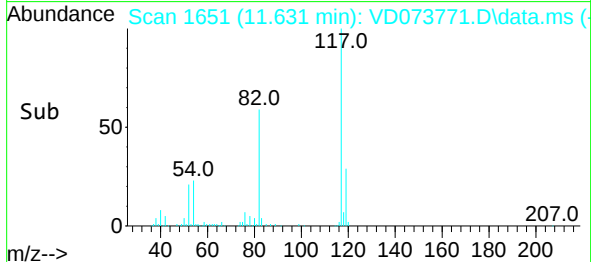
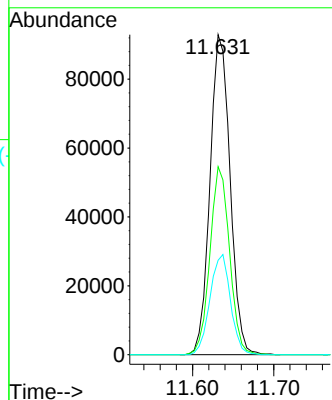
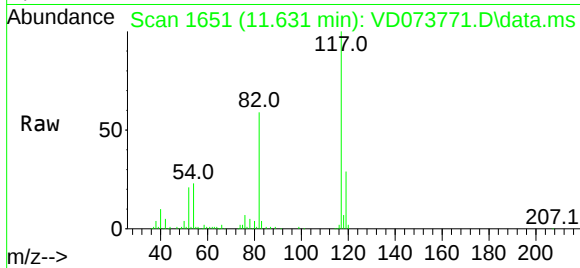




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.631 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073771.D
Acq: 01 Jul 2022 18:38

Instrument :
MSVOA_D
ClientSampleId :
SB-11A

Tgt Ion:117 Resp: 159629
Ion Ratio Lower Upper
117 100
82 58.7 41.5 62.3
119 29.5 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: VD073771.D
Acq: 01 Jul 2022 18:38

Tgt Ion:152 Resp: 39335
Ion Ratio Lower Upper
152 100
115 64.6 30.6 91.6
150 155.7 0.0 355.0

