

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070522\
 Data File : VD073775.D
 Acq On : 05 Jul 2022 15:06
 Operator : VA/SY
 Sample : VD0705SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0705SBL01

Quant Time: Jul 06 02:50:39 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	156417	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	295364	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	265642	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	116899	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	72682	47.632	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.260%
35) Dibromofluoromethane	7.908	113	74878	46.666	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.340%
50) Toluene-d8	10.332	98	241509	41.033	ug/l	0.00
Spiked Amount	50.000	Range	78 - 12	Recovery	=	82.060%#
62) 4-Bromofluorobenzene	12.620	95	98014	42.221	ug/l	0.00
Spiked Amount	50.000	Range	50 - 14	Recovery	=	84.440%#

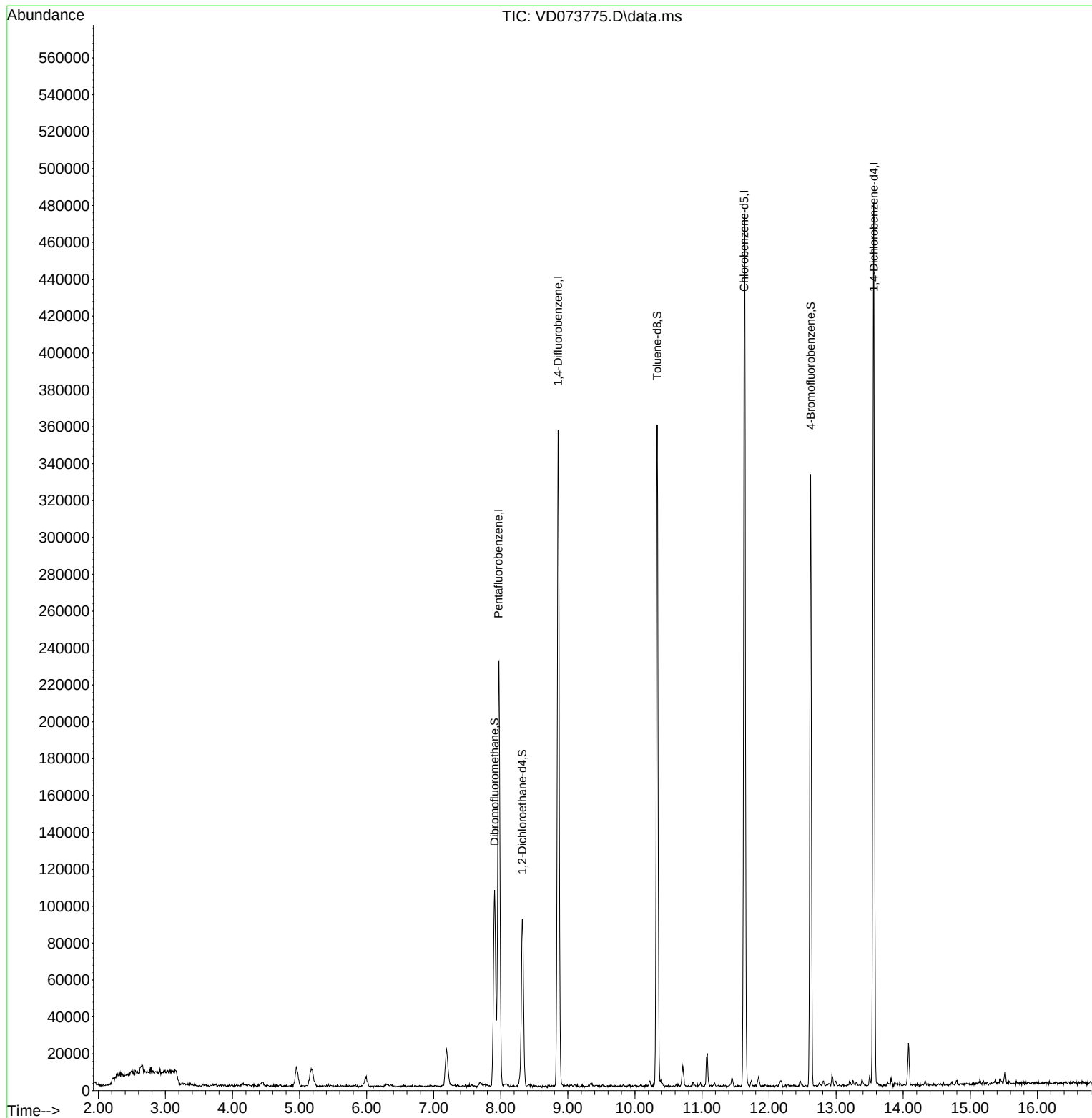
Target Compounds	Qvalue

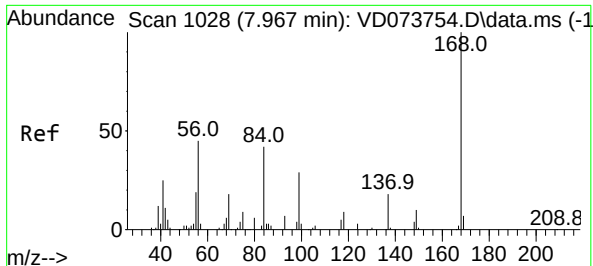
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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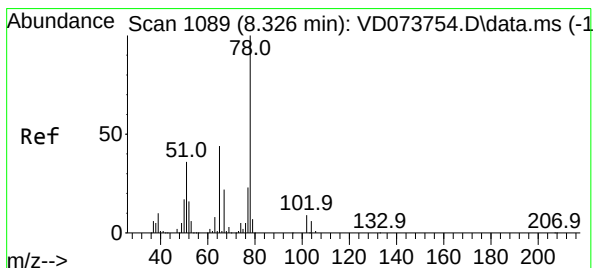
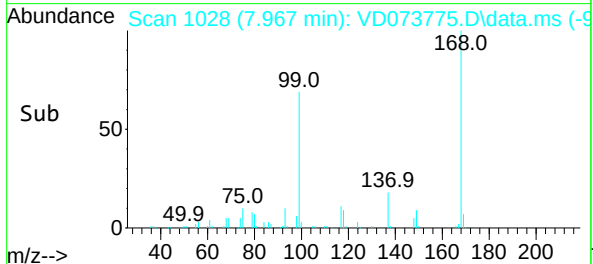
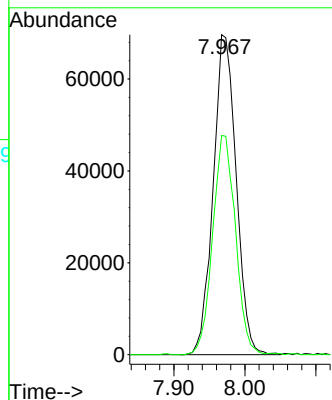
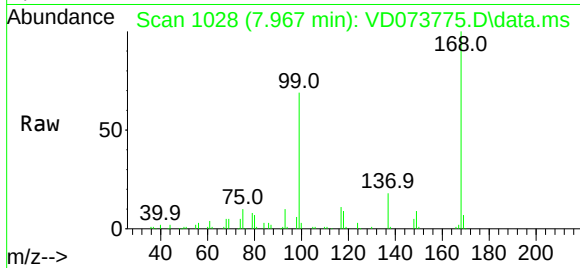




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VD073775.D
Acq: 05 Jul 2022 15:06

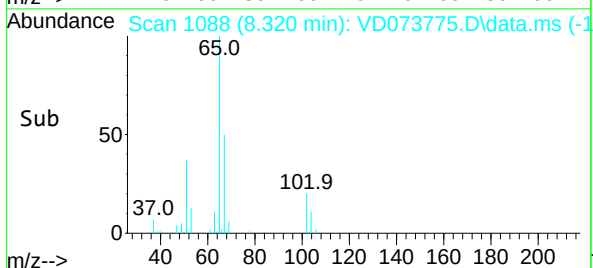
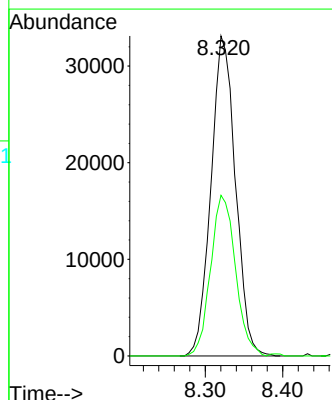
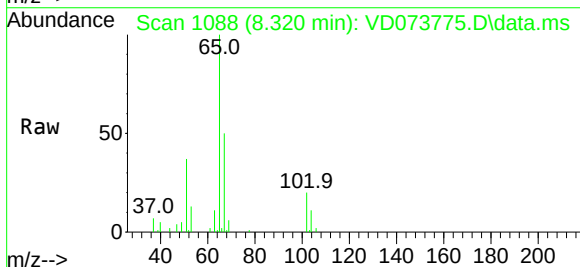
Instrument :
MSVOA_D
ClientSampleId :
VD0705SBL01

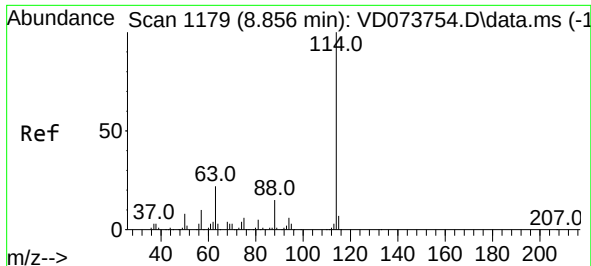
Tgt Ion:168 Resp: 156417
Ion Ratio Lower Upper
168 100
99 68.5 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 47.632 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD073775.D
Acq: 05 Jul 2022 15:06

Tgt Ion: 65 Resp: 72682
Ion Ratio Lower Upper
65 100
67 51.0 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: VD073775.D

Acq: 05 Jul 2022 15:06

Instrument :

MSVOA_D

ClientSampleId :

VD0705SBL01

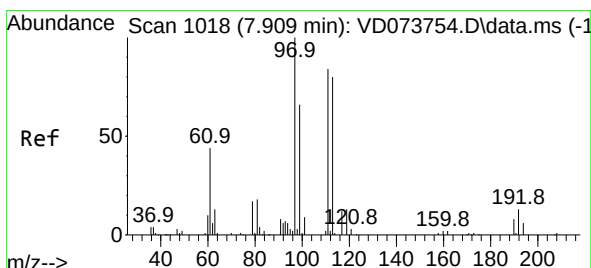
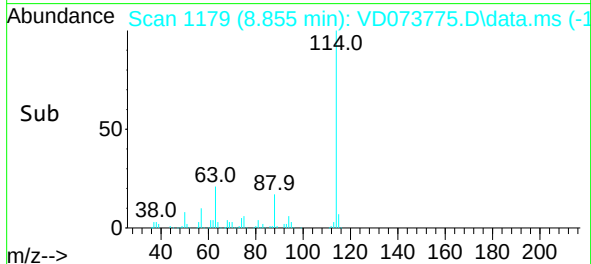
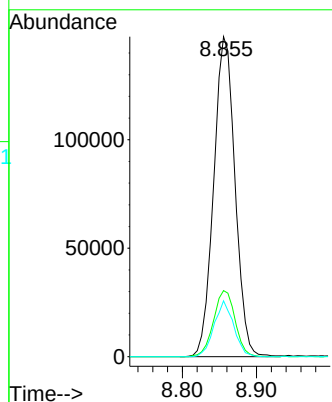
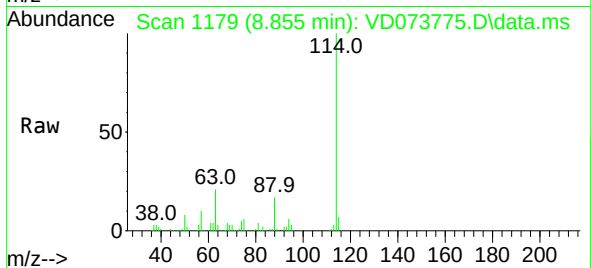
Tgt Ion:114 Resp: 295364

Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.2

88 17.4 0.0 29.4



#35

Dibromofluoromethane

Concen: 46.666 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD073775.D

Acq: 05 Jul 2022 15:06

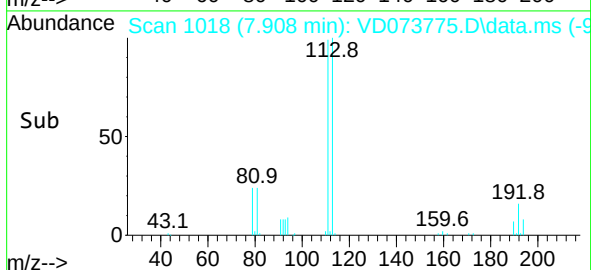
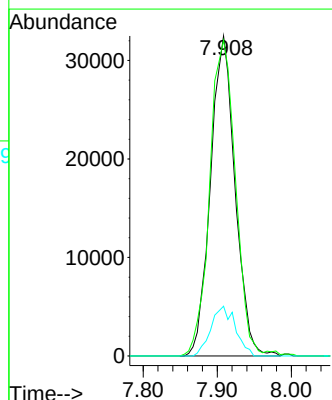
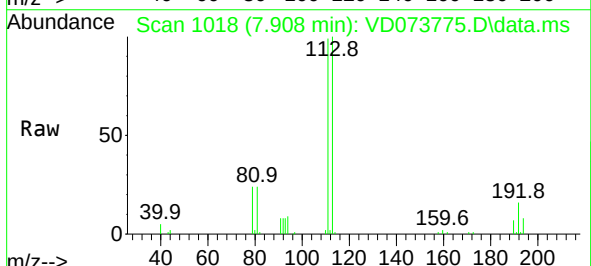
Tgt Ion:113 Resp: 74878

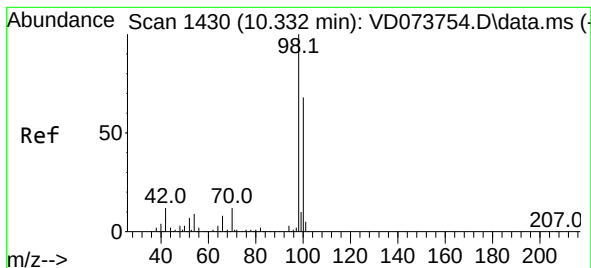
Ion Ratio Lower Upper

113 100

111 103.2 81.8 122.6

192 15.5 14.8 22.2

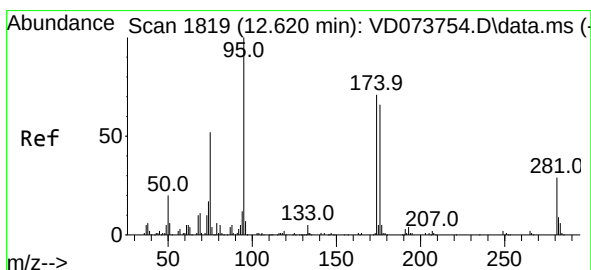
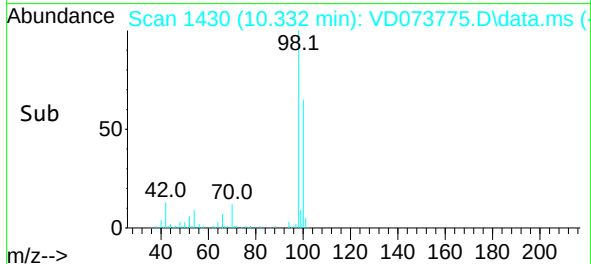
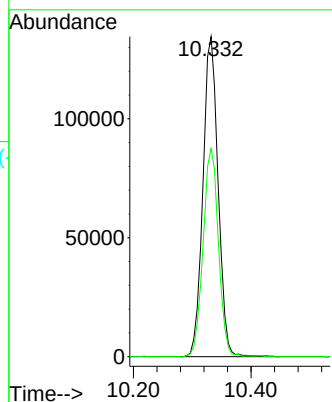
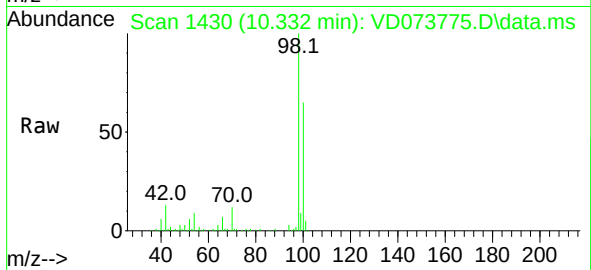




#50
Toluene-d8
Concen: 41.033 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073775.D
Acq: 05 Jul 2022 15:06

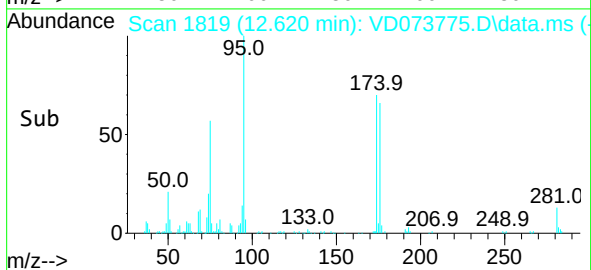
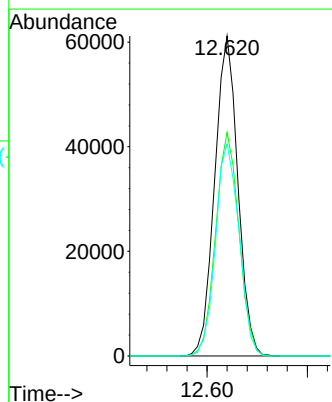
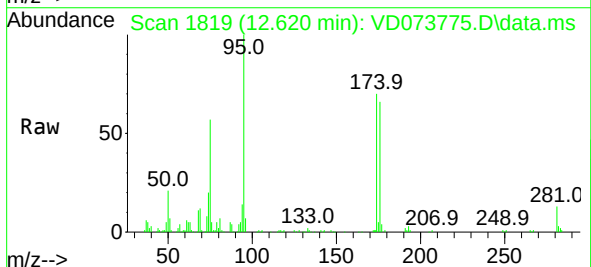
Instrument :
MSVOA_D
ClientSampleId :
VD0705SBL01

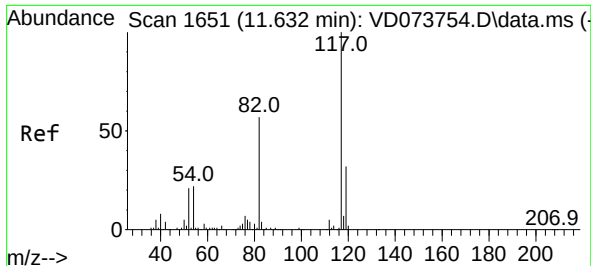
Tgt Ion: 98 Resp: 241509
Ion Ratio Lower Upper
98 100
100 65.9 54.0 81.0



#62
4-Bromofluorobenzene
Concen: 42.221 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073775.D
Acq: 05 Jul 2022 15:06

Tgt Ion: 95 Resp: 98014
Ion Ratio Lower Upper
95 100
174 70.3 0.0 158.4
176 67.3 0.0 154.8

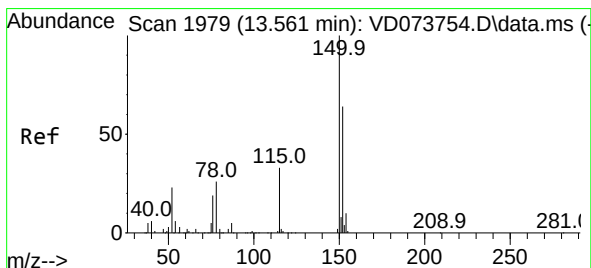
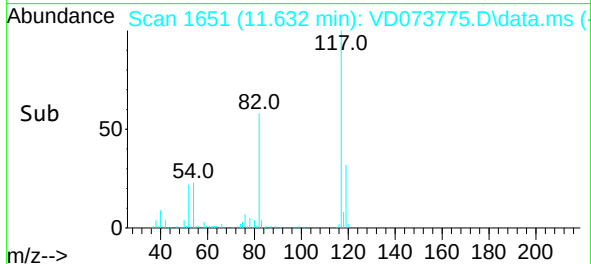
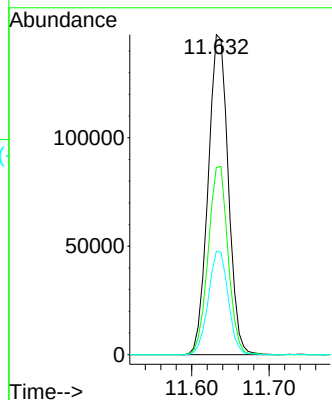
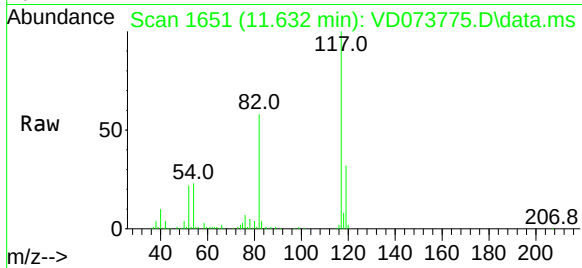




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073775.D
Acq: 05 Jul 2022 15:06

Instrument :
MSVOA_D
ClientSampleId :
VD0705SBL01

Tgt Ion:117 Resp: 265642
Ion Ratio Lower Upper
117 100
82 58.5 41.5 62.3
119 32.4 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: VD073775.D
Acq: 05 Jul 2022 15:06

Tgt Ion:152 Resp: 116899
Ion Ratio Lower Upper
152 100
115 65.6 30.6 91.6
150 157.2 0.0 355.0

