

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061322\
 Data File : VD073556.D
 Acq On : 13 Jun 2022 20:09
 Operator : VA/SY
 Sample : N3328-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BU-02-061022

Quant Time: Jun 14 01:29:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 12:33:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	10275	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	17890	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	23712	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	11927	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	8760	79.445	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	158.900%
35) Dibromofluoromethane	7.909	113	7808	67.872	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	135.740%
50) Toluene-d8	10.326	98	21144	48.612	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.220%
62) 4-Bromofluorobenzene	12.626	95	9606	60.836	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	121.680%

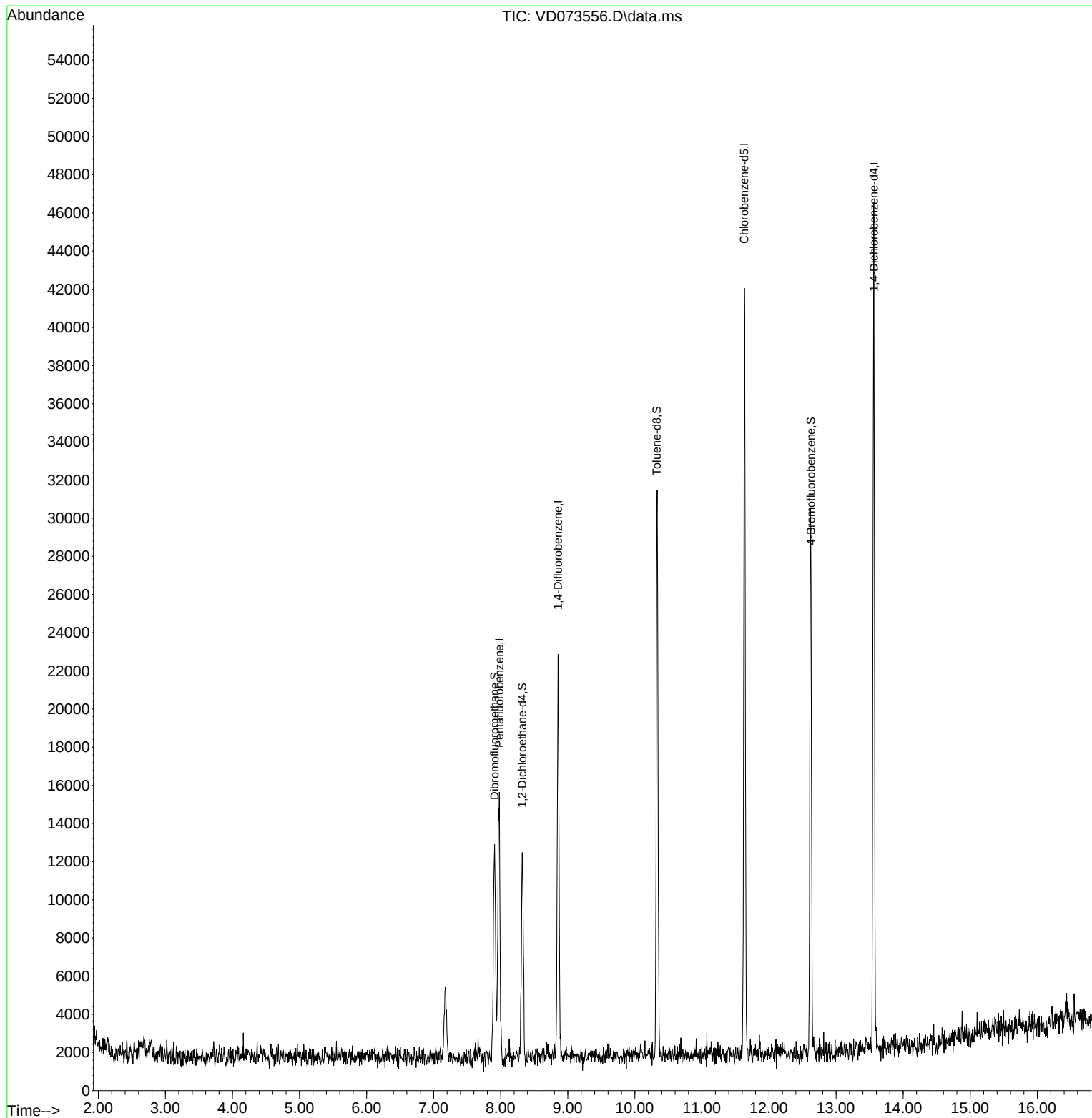
Target Compounds	Qvalue

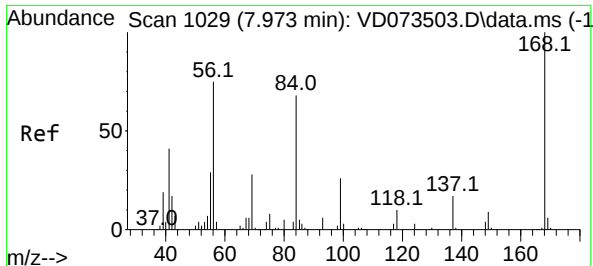
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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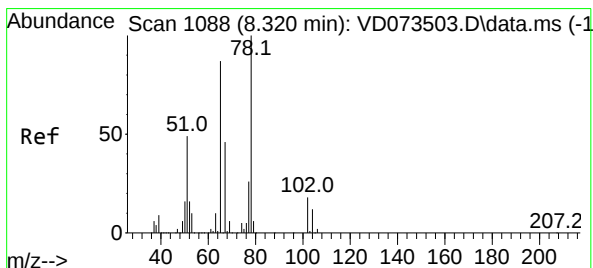
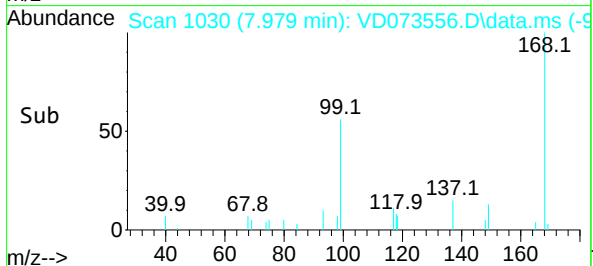
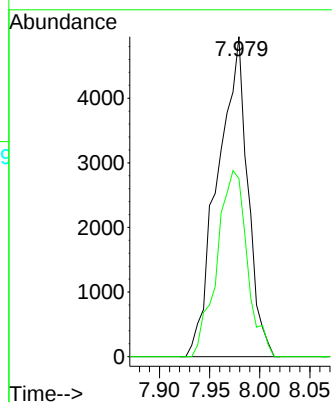
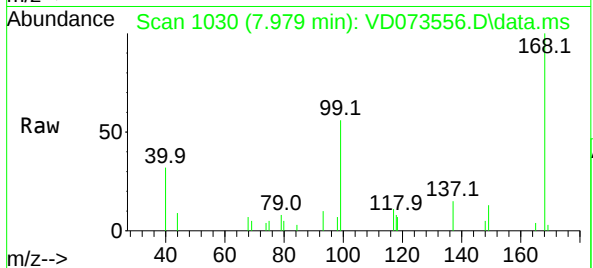




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD073556.D
Acq: 13 Jun 2022 20:09

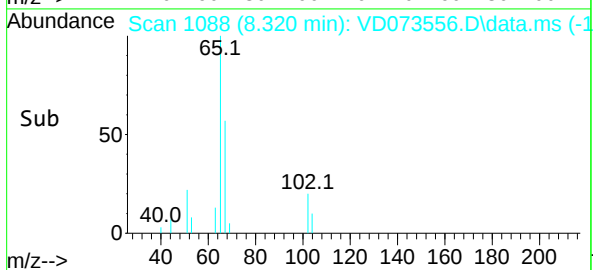
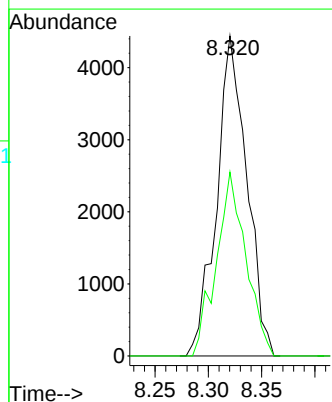
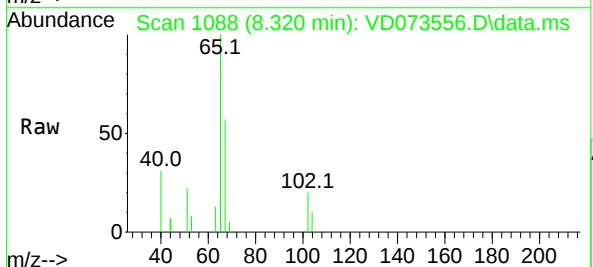
Instrument :
MSVOA_D
ClientSampleId :
BU-02-061022

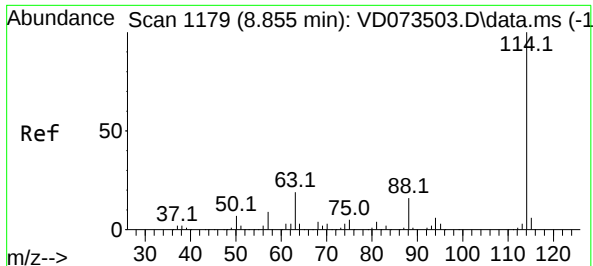
Tgt Ion:168 Resp: 10275
Ion Ratio Lower Upper
168 100
99 55.7 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 79.445 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073556.D
Acq: 13 Jun 2022 20:09

Tgt Ion: 65 Resp: 8760
Ion Ratio Lower Upper
65 100
67 56.4 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.001 min

Lab File: VD073556.D

Acq: 13 Jun 2022 20:09

Instrument :

MSVOA_D

ClientSampleId :

BU-02-061022

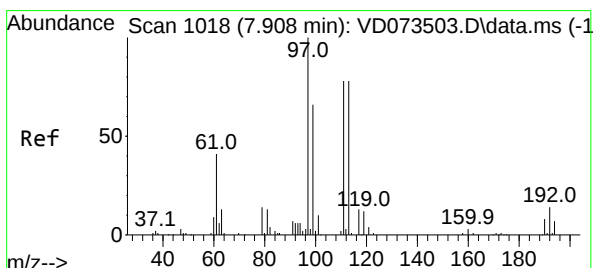
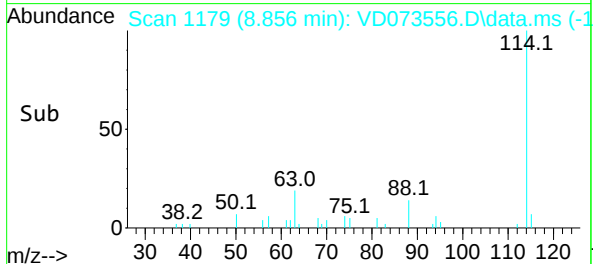
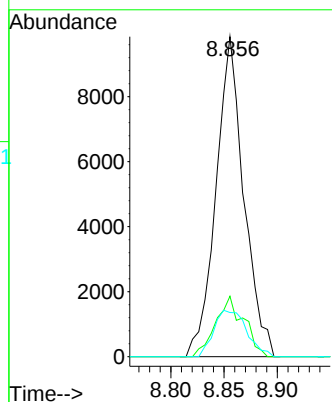
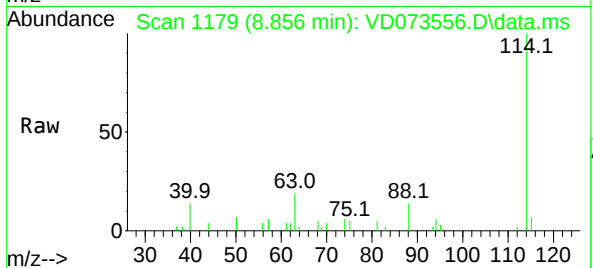
Tgt Ion:114 Resp: 17890

Ion Ratio Lower Upper

114 100

63 18.9 0.0 46.6

88 13.8 0.0 33.2



#35

Dibromofluoromethane

Concen: 67.872 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.001 min

Lab File: VD073556.D

Acq: 13 Jun 2022 20:09

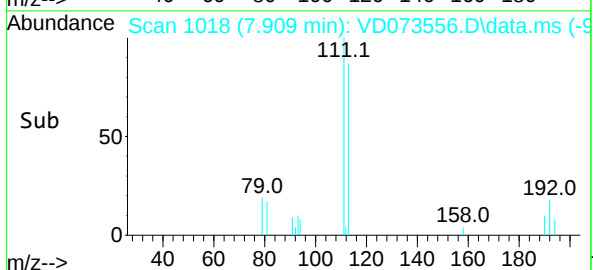
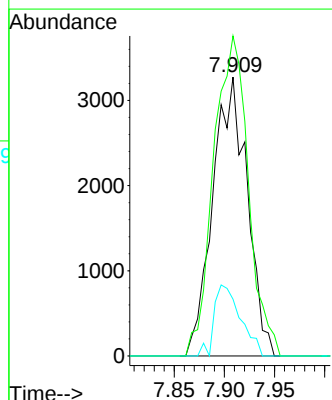
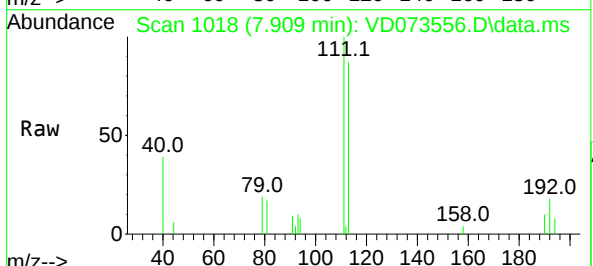
Tgt Ion:113 Resp: 7808

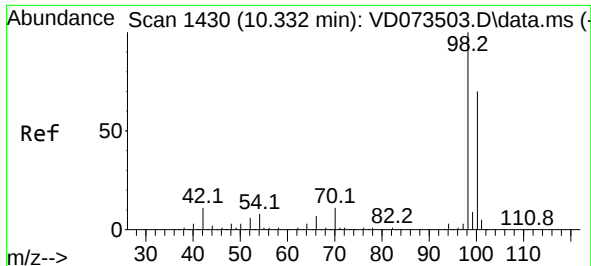
Ion Ratio Lower Upper

113 100

111 116.0 83.8 125.6

192 19.5 14.6 21.8

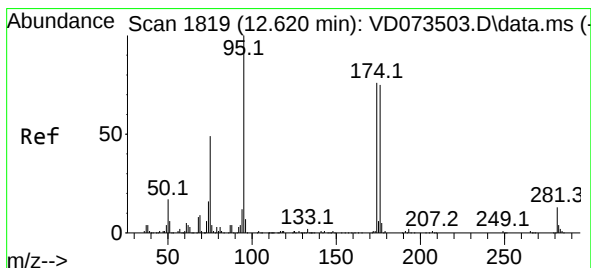
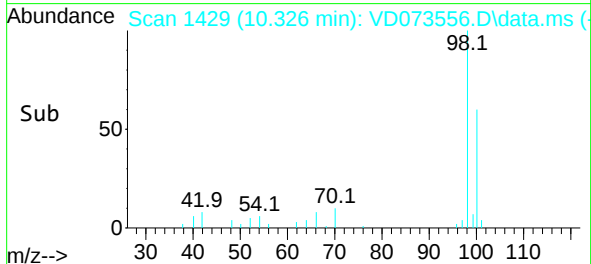
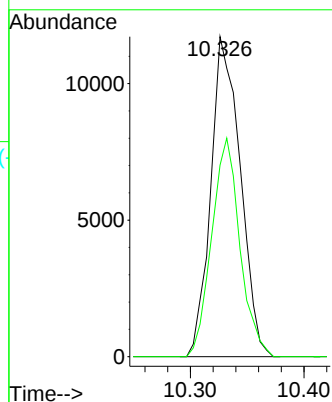
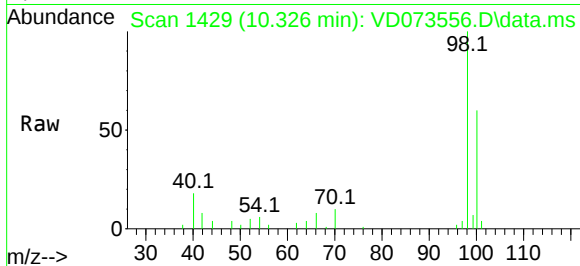




#50
Toluene-d8
Concen: 48.612 ug/l
RT: 10.326 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD073556.D
Acq: 13 Jun 2022 20:09

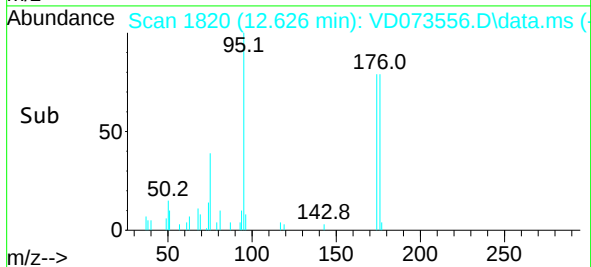
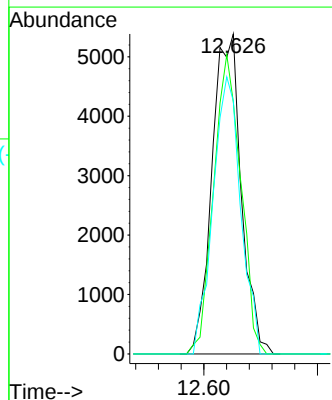
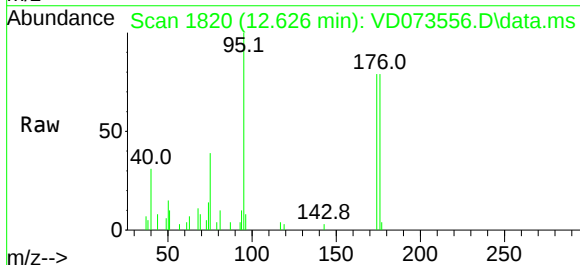
Instrument :
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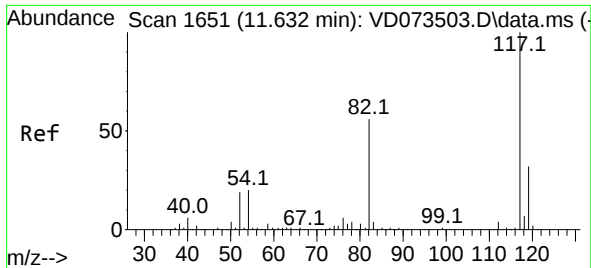
Tgt Ion: 98 Resp: 21144
Ion Ratio Lower Upper
98 100
100 65.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 60.836 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD073556.D
Acq: 13 Jun 2022 20:09

Tgt Ion: 95 Resp: 9606
Ion Ratio Lower Upper
95 100
174 87.2 0.0 152.8
176 82.3 0.0 145.4

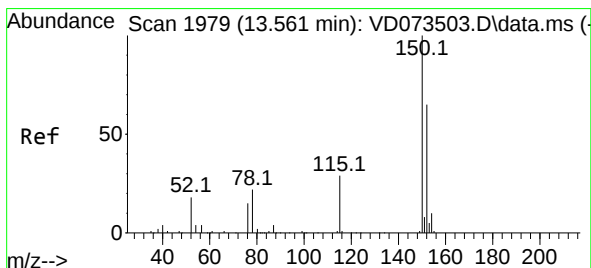
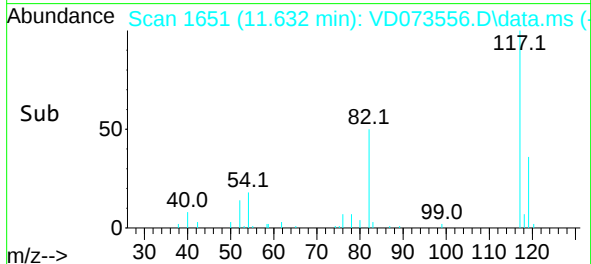
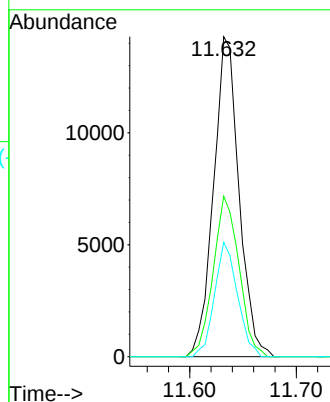
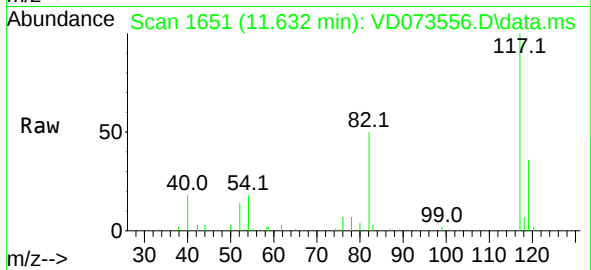




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073556.D
Acq: 13 Jun 2022 20:09

Instrument :
MSVOA_D
ClientSampleId :
BU-02-061022

Tgt Ion:117 Resp: 23712
Ion Ratio Lower Upper
117 100
82 50.1 45.3 67.9
119 35.7 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073556.D
Acq: 13 Jun 2022 20:09

Tgt Ion:152 Resp: 11927
Ion Ratio Lower Upper
152 100
115 55.8 31.3 93.8
150 155.4 0.0 348.6

