

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081722\
 Data File : VD074126.D
 Acq On : 17 Aug 2022 16:09
 Operator : VA/SY
 Sample : N4188-16
 Misc : 10.43G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S10

Quant Time: Aug 18 03:21:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081522S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 01:41:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	248051	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	372681	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	175355	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	59389	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	91027	49.161	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.320%
35) Dibromofluoromethane	7.908	113	119336	50.110	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.220%
50) Toluene-d8	10.332	98	211181	29.206	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	58.420%
62) 4-Bromofluorobenzene	12.620	95	53024	17.758	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	35.520%

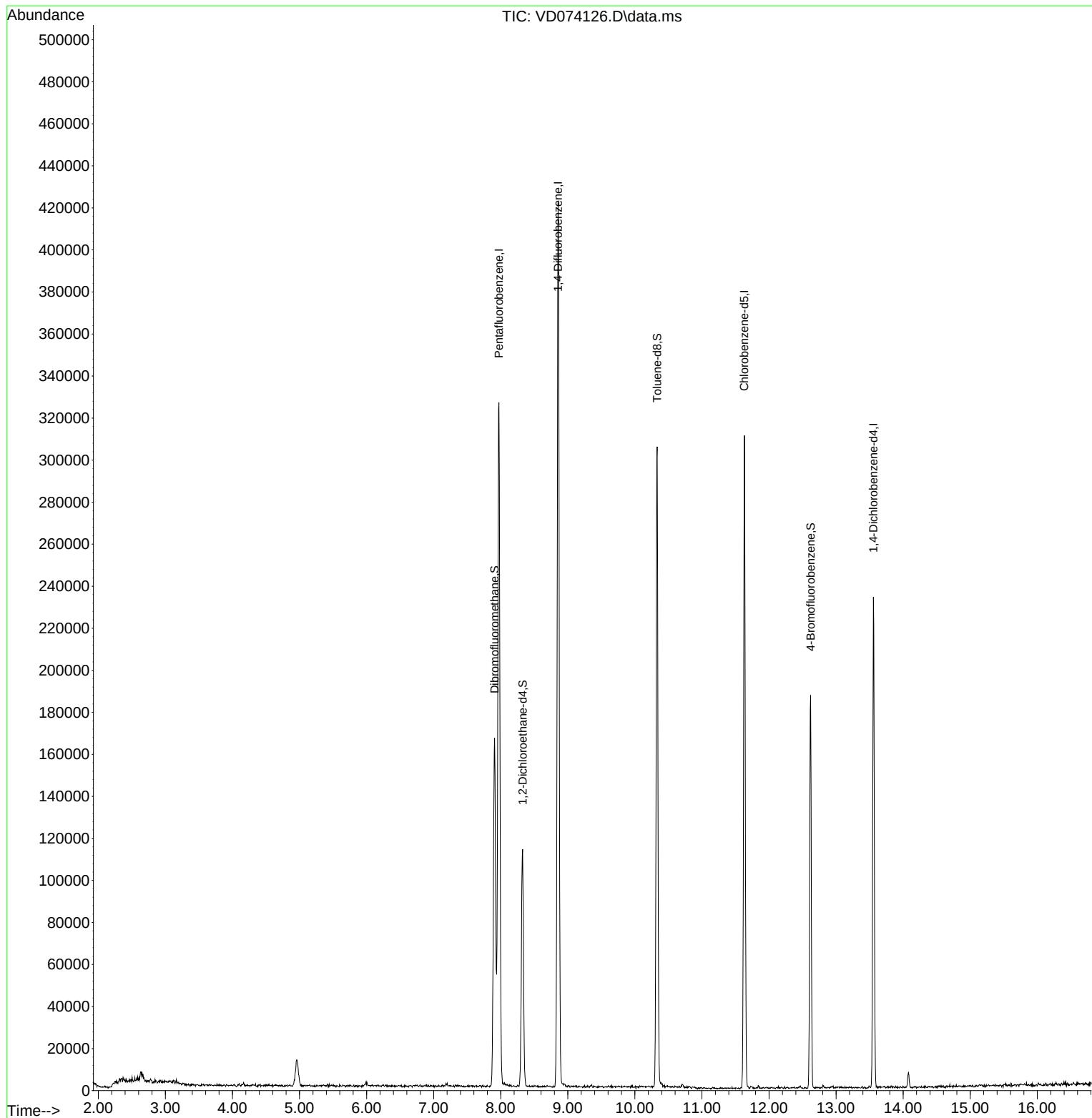
Target Compounds	Qvalue

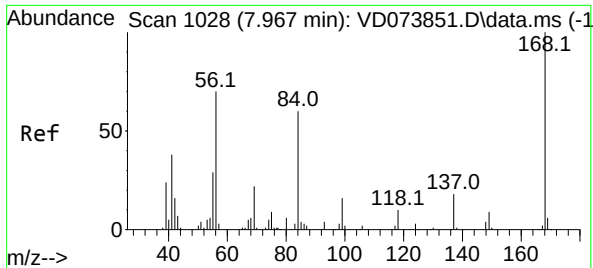
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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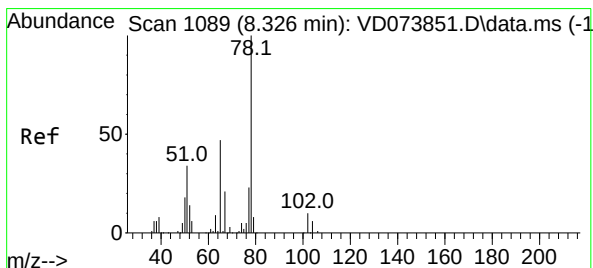
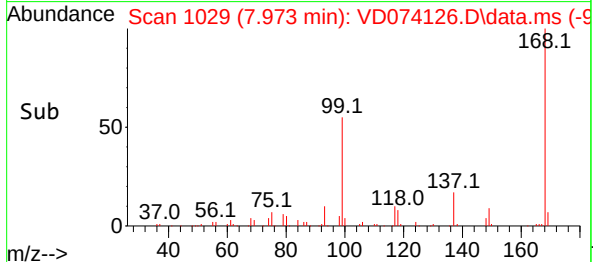
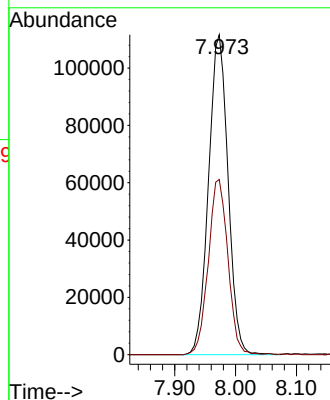
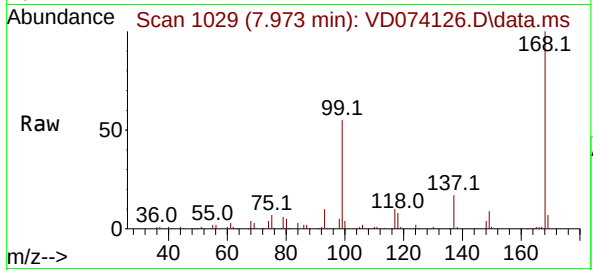




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1028
Delta R.T. 0.006 min
Lab File: VD074126.D
Acq: 17 Aug 2022 16:09

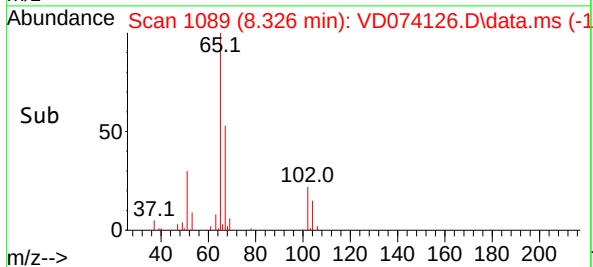
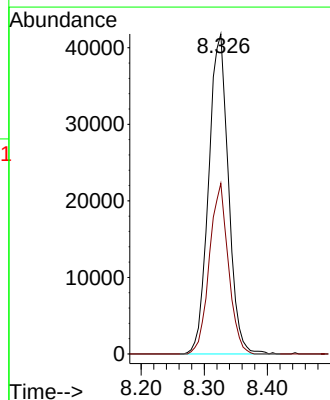
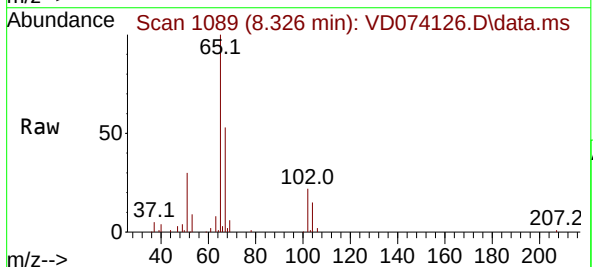
Instrument :
MSVOA_D
ClientSampleId :
S10

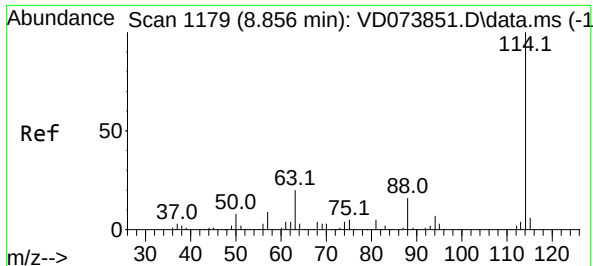
Tgt Ion:168 Resp: 248051
Ion Ratio Lower Upper
168 100
99 54.7 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 49.161 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD074126.D
Acq: 17 Aug 2022 16:09

Tgt Ion: 65 Resp: 91027
Ion Ratio Lower Upper
65 100
67 51.0 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD074126.D

Acq: 17 Aug 2022 16:09

Instrument :

MSVOA_D

ClientSampleId :

S10

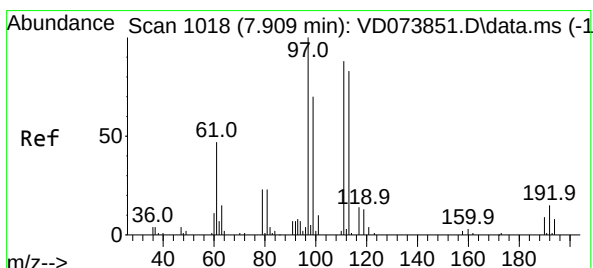
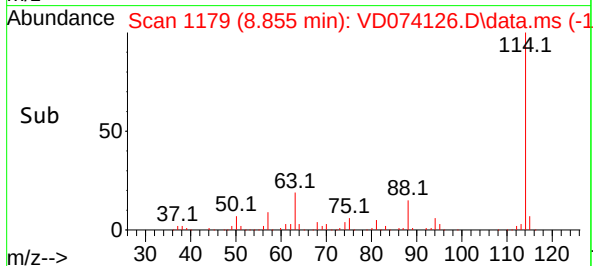
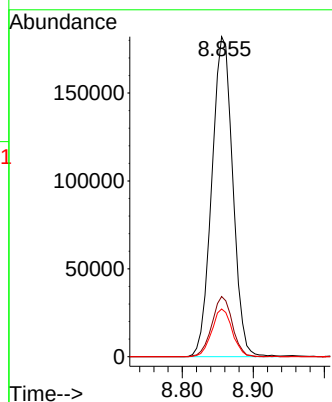
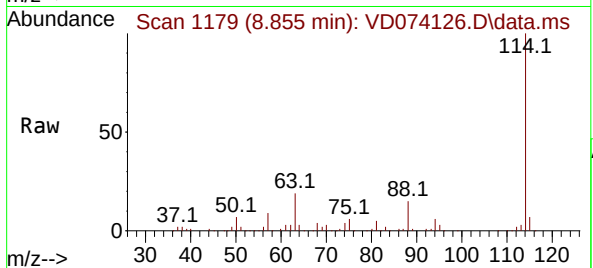
Tgt Ion:114 Resp: 372681

Ion Ratio Lower Upper

114 100

63 18.8 0.0 46.6

88 14.9 0.0 33.2



#35

Dibromofluoromethane

Concen: 50.110 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD074126.D

Acq: 17 Aug 2022 16:09

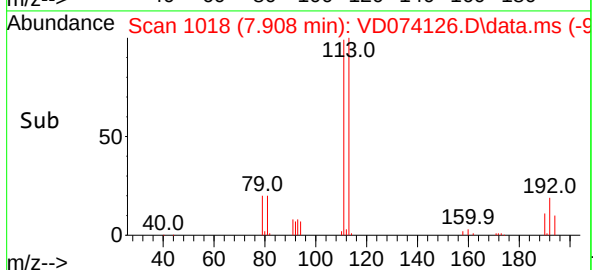
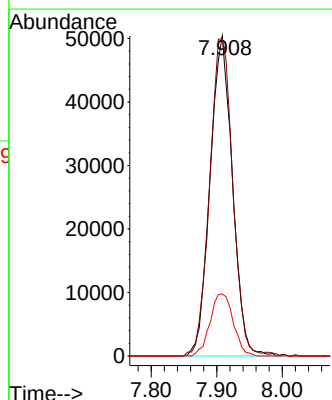
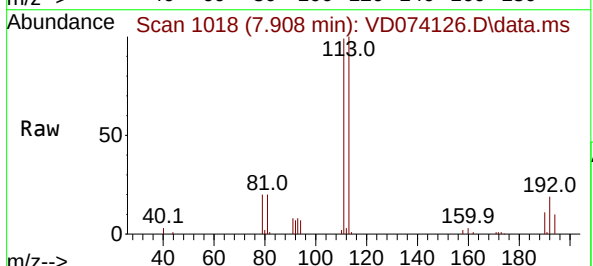
Tgt Ion:113 Resp: 119336

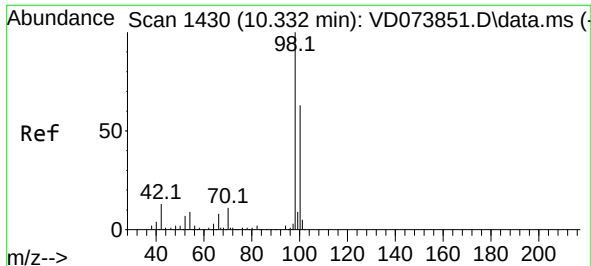
Ion Ratio Lower Upper

113 100

111 101.8 83.8 125.6

192 20.1 14.6 21.8

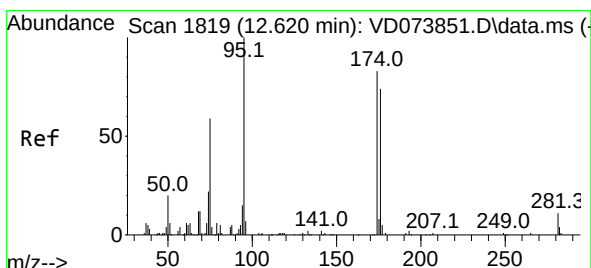
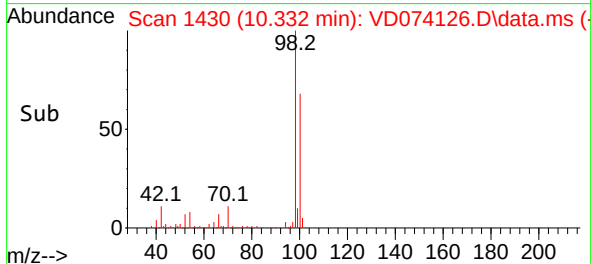
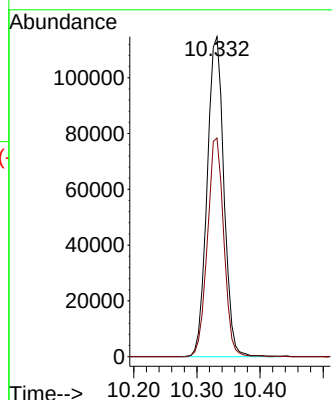
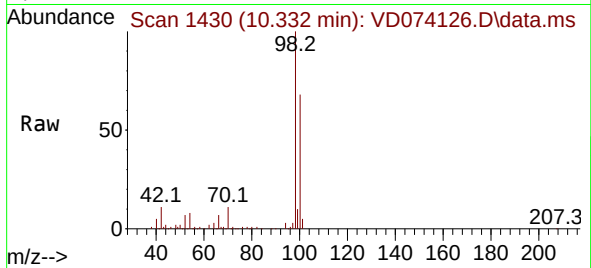




#50
Toluene-d8
Concen: 29.206 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074126.D
Acq: 17 Aug 2022 16:09

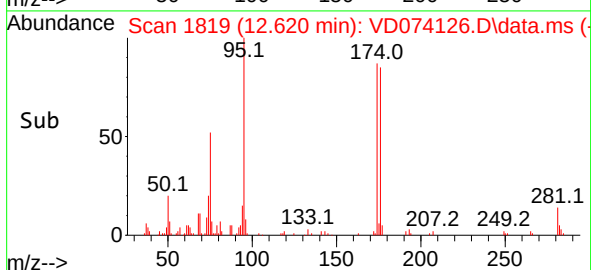
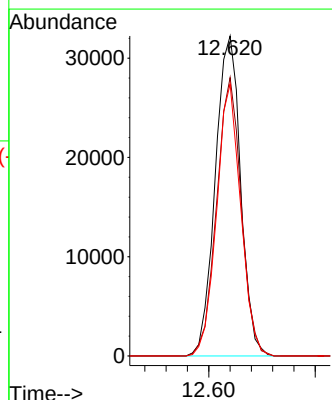
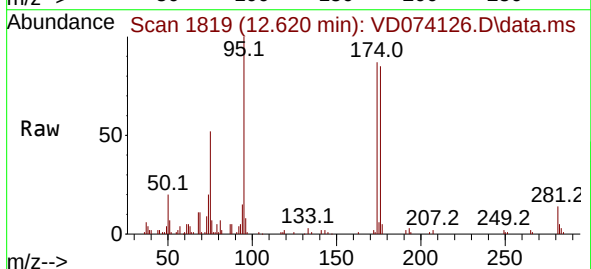
Instrument :
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S10

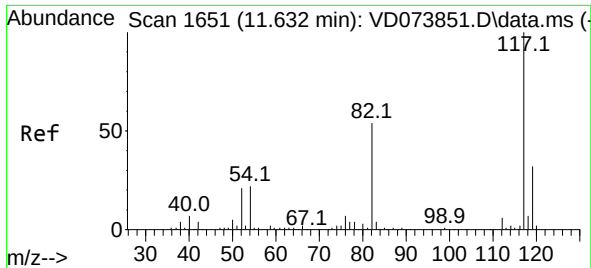
Tgt Ion: 98 Resp: 211181
Ion Ratio Lower Upper
98 100
100 66.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 17.758 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074126.D
Acq: 17 Aug 2022 16:09

Tgt Ion: 95 Resp: 53024
Ion Ratio Lower Upper
95 100
174 84.8 0.0 152.8
176 80.8 0.0 145.4

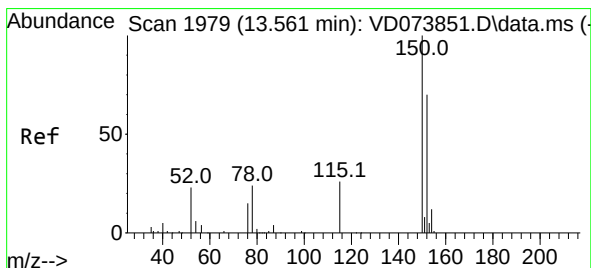
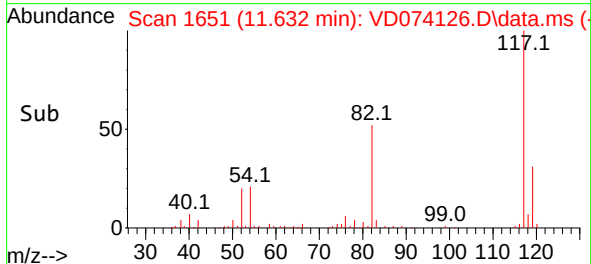
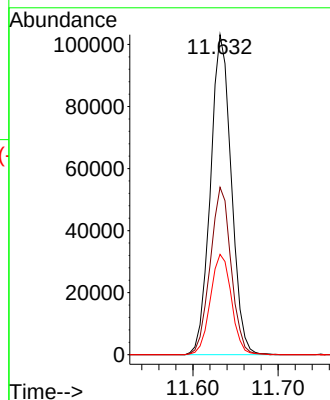
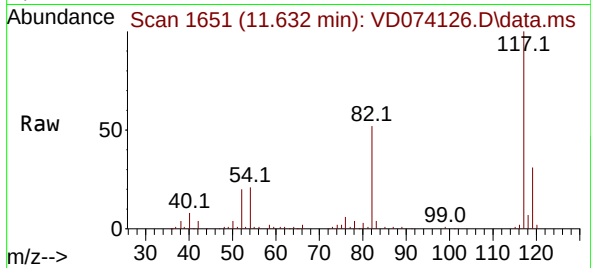




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074126.D
Acq: 17 Aug 2022 16:09

Instrument :
MSVOA_D
ClientSampleId :
S10

Tgt Ion:117 Resp: 175355
Ion Ratio Lower Upper
117 100
82 52.3 45.3 67.9
119 31.3 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. -0.006 min
Lab File: VD074126.D
Acq: 17 Aug 2022 16:09

Tgt Ion:152 Resp: 59389
Ion Ratio Lower Upper
152 100
115 61.5 31.3 93.8
150 160.3 0.0 348.6

