

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012423\
 Data File : VN076384.D
 Acq On : 24 Jan 2023 15:53
 Operator : JC\MD
 Sample : 01280-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 22-MW-3S

Quant Time: Jan 25 00:40:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	358102	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	573780	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	502653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	206887	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	206635	51.535	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.060%
35) Dibromofluoromethane	8.171	113	177137	49.352	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.700%
50) Toluene-d8	10.571	98	668002	50.395	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.780%
62) 4-Bromofluorobenzene	12.853	95	208117	48.094	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.180%

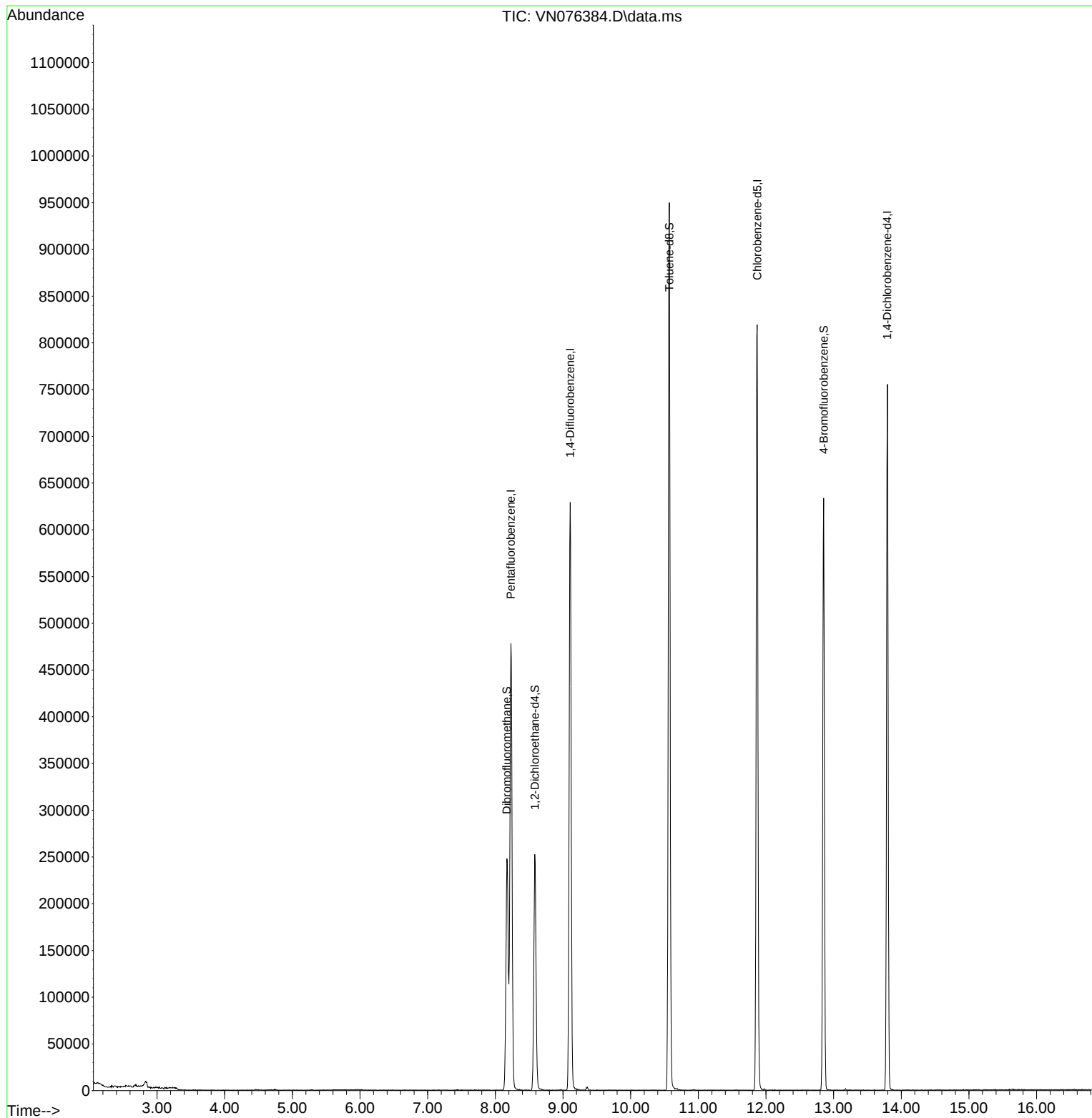
Target Compounds	Qvalue

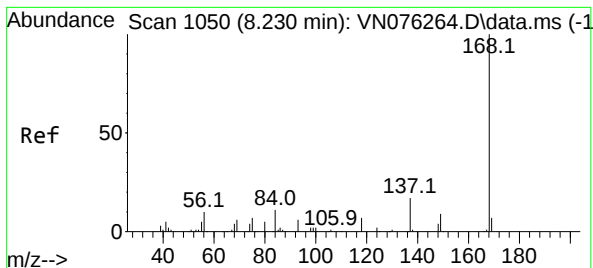
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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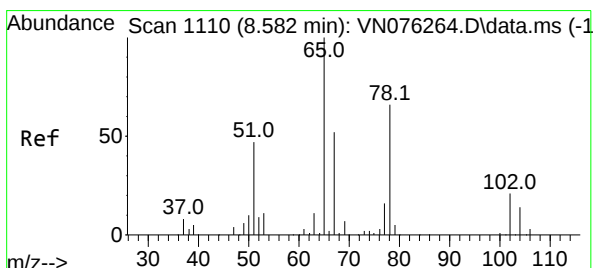
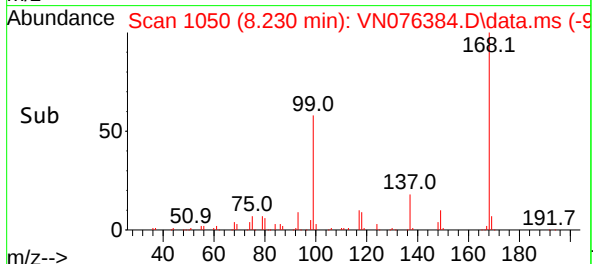
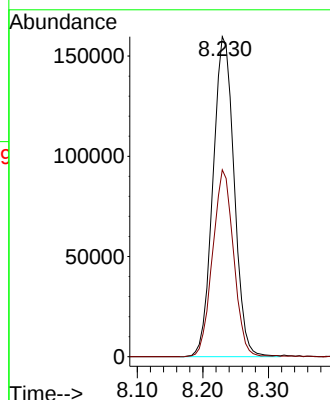
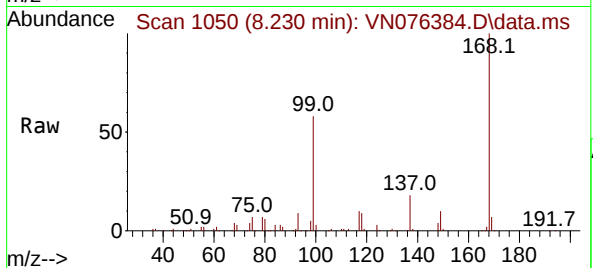




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN076384.D
Acq: 24 Jan 2023 15:53

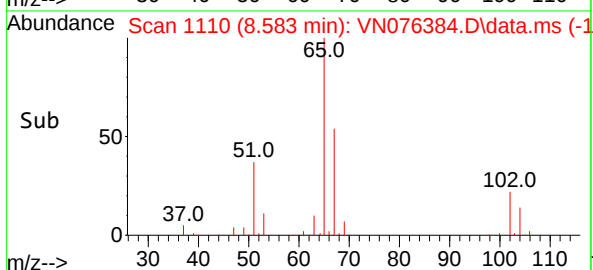
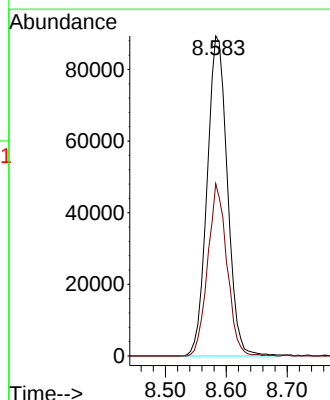
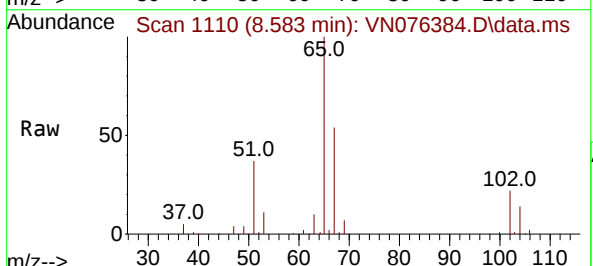
Instrument :
MSVOA_N
ClientSampleId :
22-MW-3S

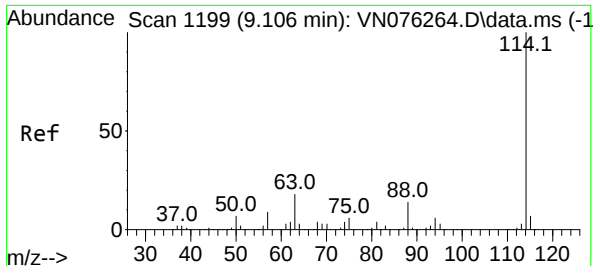
Tgt Ion:168 Resp: 358102
Ion Ratio Lower Upper
168 100
99 58.4 41.6 62.4



#33
1,2-Dichloroethane-d4
Concen: 51.535 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.001 min
Lab File: VN076384.D
Acq: 24 Jan 2023 15:53

Tgt Ion: 65 Resp: 206635
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.6

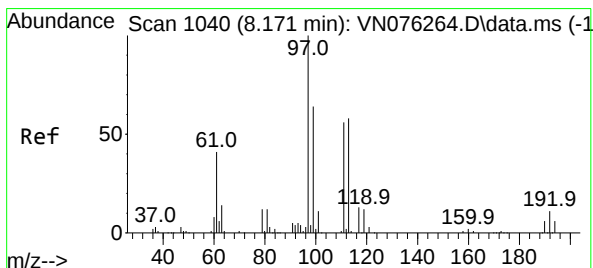
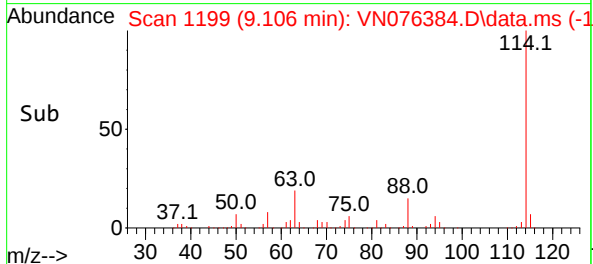
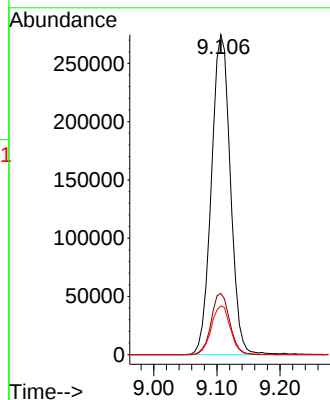
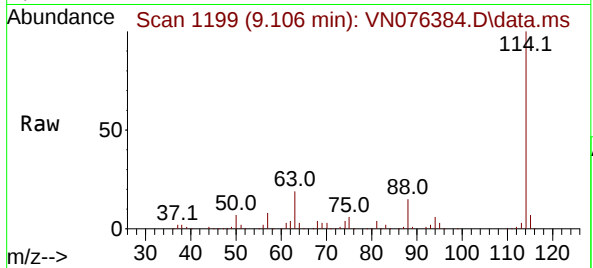




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN076384.D
Acq: 24 Jan 2023 15:53

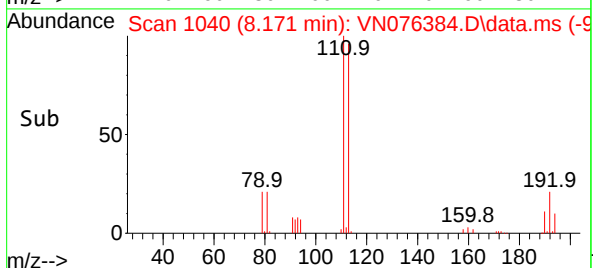
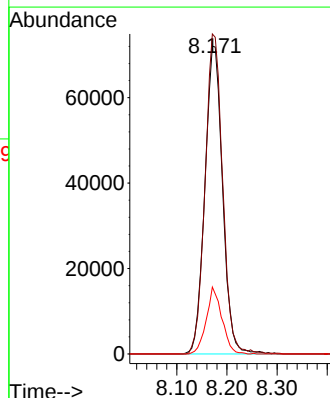
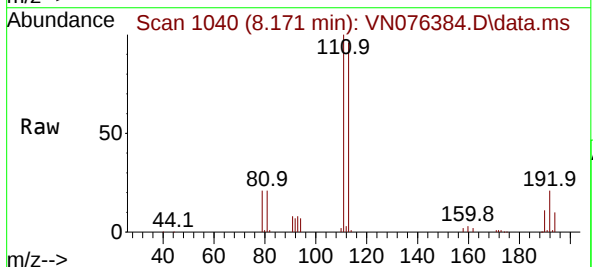
Instrument :
MSVOA_N
ClientSampleId :
22-MW-3S

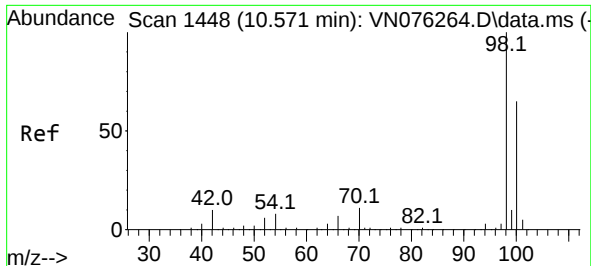
Tgt Ion:114 Resp: 573780
Ion Ratio Lower Upper
114 100
63 19.1 0.0 35.8
88 15.3 0.0 28.0



#35
Dibromofluoromethane
Concen: 49.352 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN076384.D
Acq: 24 Jan 2023 15:53

Tgt Ion:113 Resp: 177137
Ion Ratio Lower Upper
113 100
111 103.0 82.7 124.1
192 19.2 15.6 23.4

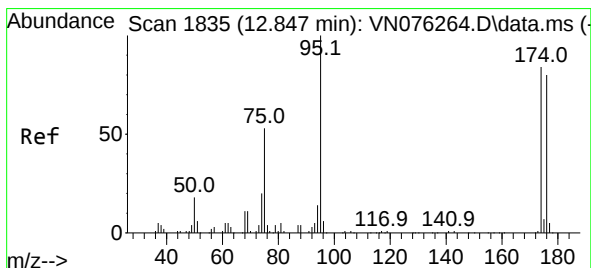
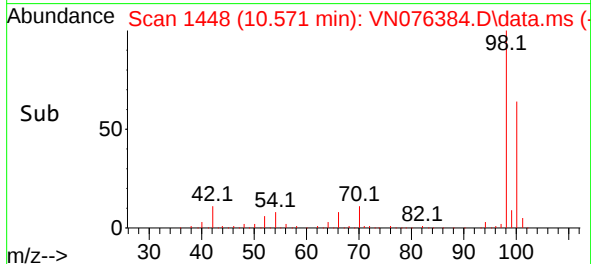
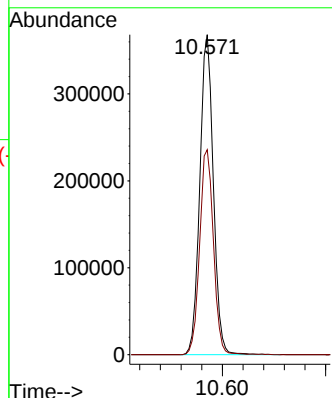
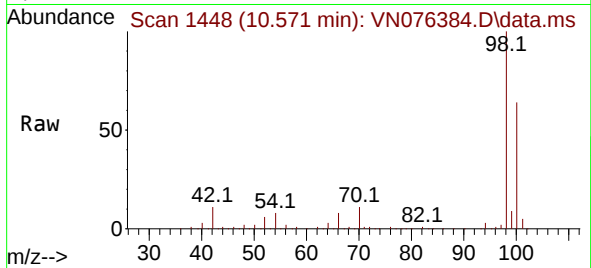




#50
Toluene-d8
Concen: 50.395 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076384.D
Acq: 24 Jan 2023 15:53

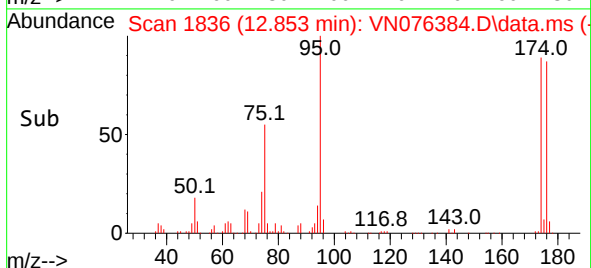
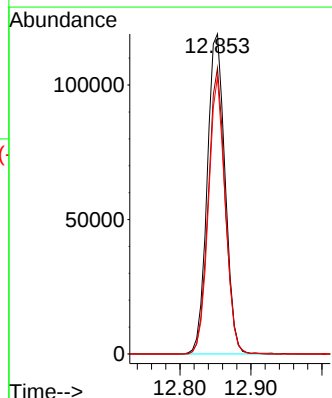
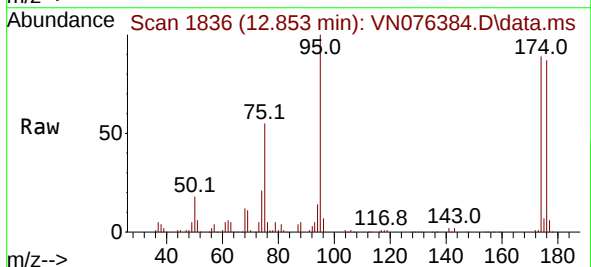
Instrument :
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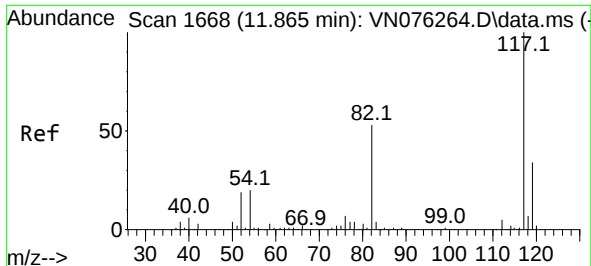
Tgt Ion: 98 Resp: 668002
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 48.094 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076384.D
Acq: 24 Jan 2023 15:53

Tgt Ion: 95 Resp: 208117
Ion Ratio Lower Upper
95 100
174 84.7 0.0 174.6
176 81.1 0.0 167.8

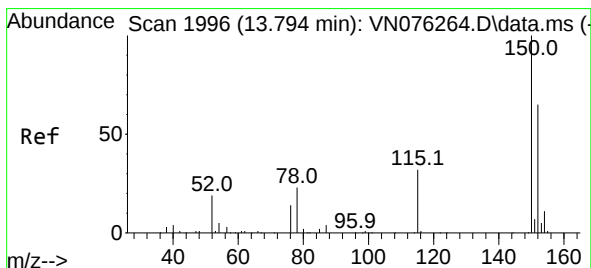
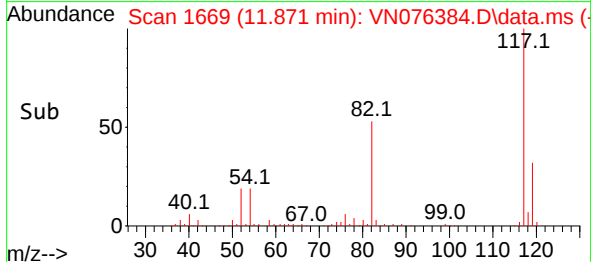
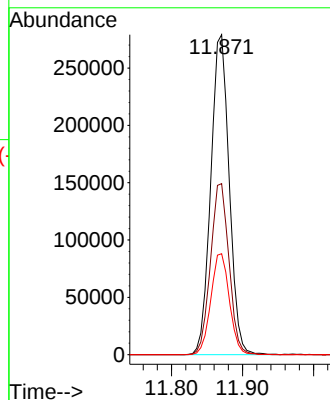
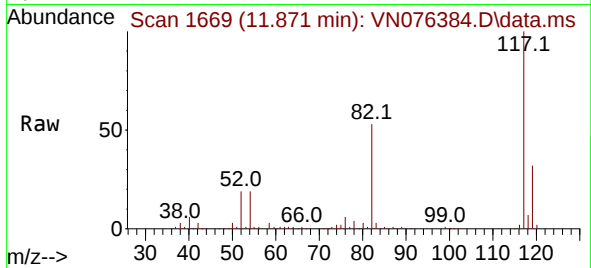




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076384.D
Acq: 24 Jan 2023 15:53

Instrument :
MSVOA_N
ClientSampleId :
22-MW-3S

Tgt Ion:117 Resp: 502653
Ion Ratio Lower Upper
117 100
82 53.5 42.2 63.2
119 31.6 26.9 40.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076384.D
Acq: 24 Jan 2023 15:53

Tgt Ion:152 Resp: 206887
Ion Ratio Lower Upper
152 100
115 59.0 29.6 88.9
150 155.8 0.0 351.4

