

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072823\
 Data File : VN078691.D
 Acq On : 28 Jul 2023 17:42
 Operator : JC\MD
 Sample : 03834-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-20230728

Quant Time: Jul 29 00:52:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	670519	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	1206040	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	1073865	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	379554	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	436841	48.597	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.200%
35) Dibromofluoromethane	8.177	113	422346	51.588	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.180%
50) Toluene-d8	10.577	98	1441671	46.614	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.220%
62) 4-Bromofluorobenzene	12.853	95	490291	51.466	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.940%

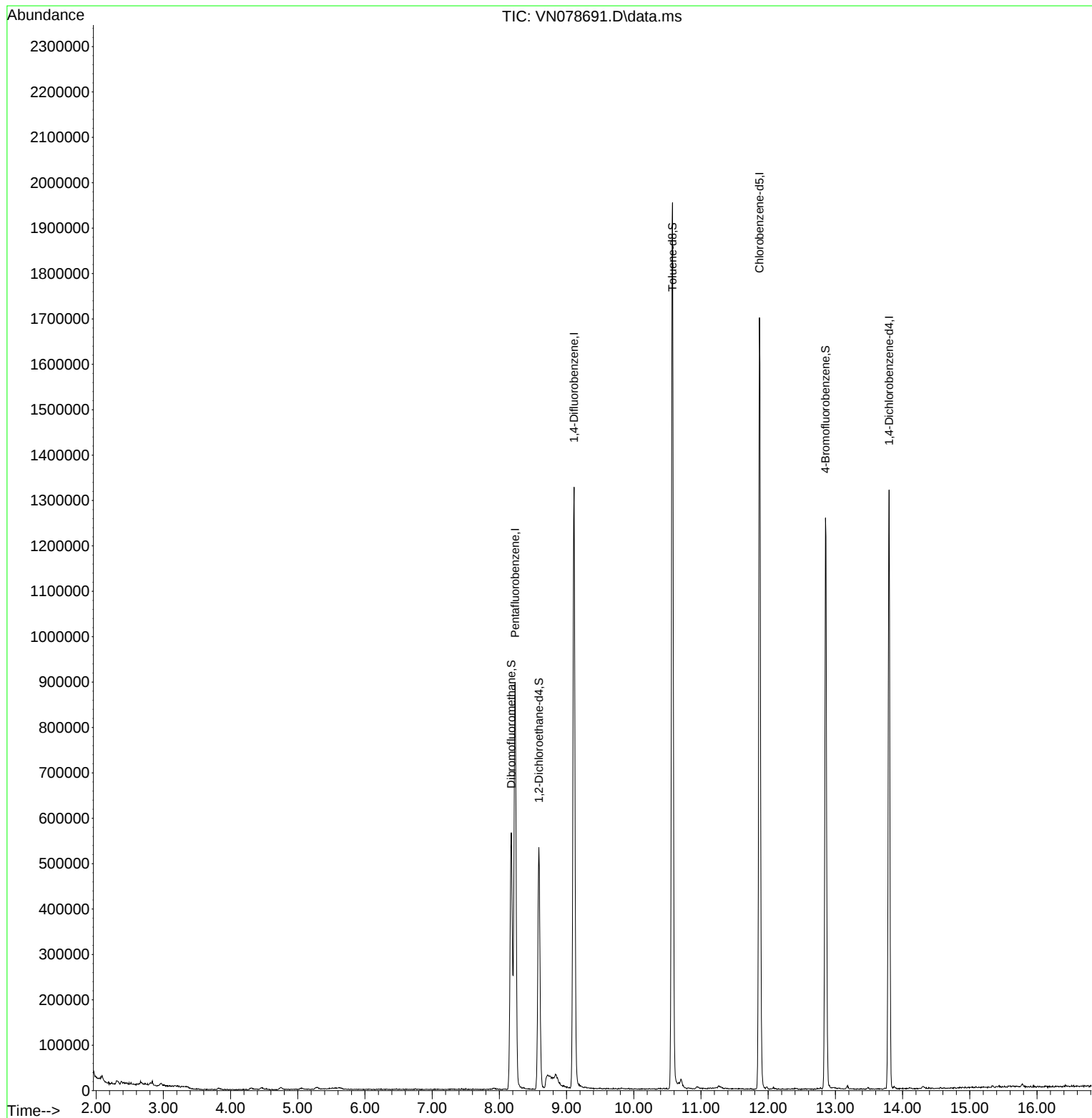
Target Compounds	Qvalue

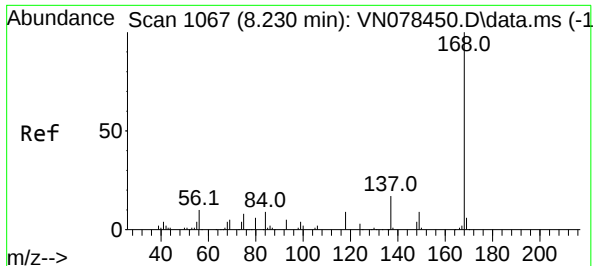
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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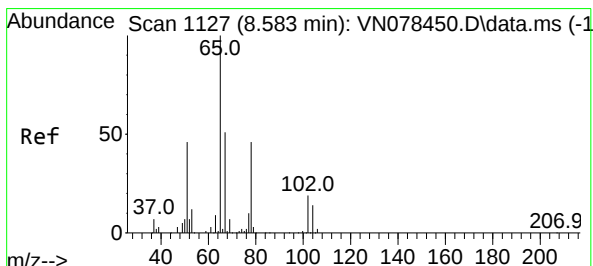
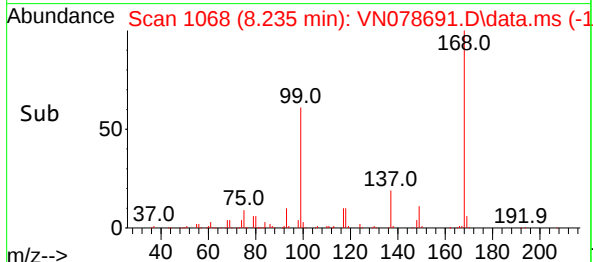
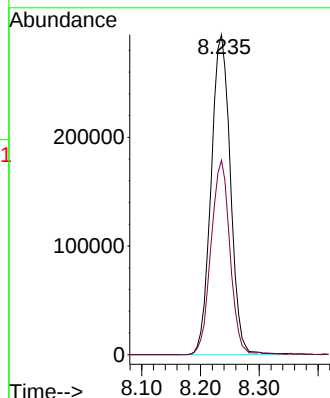
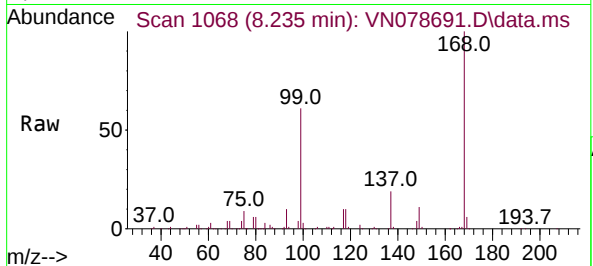




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078691.D
Acq: 28 Jul 2023 17:42

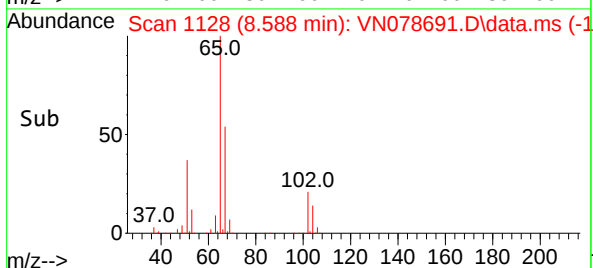
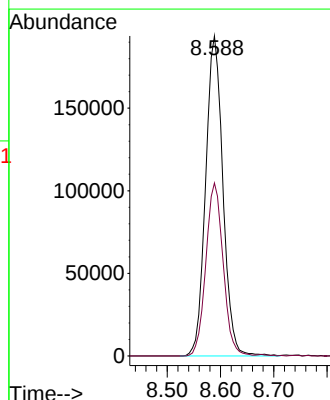
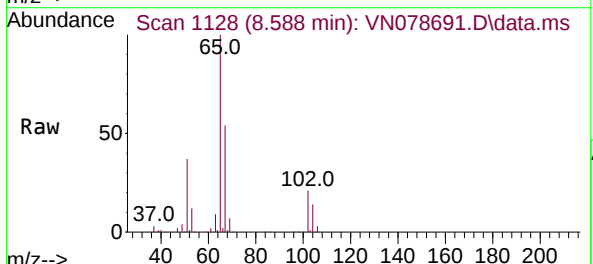
Instrument :
MSVOA_N
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TB-20230728

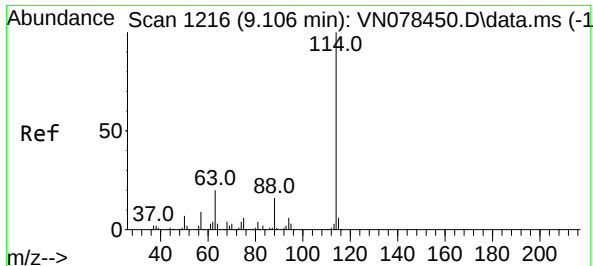
Tgt Ion:168 Resp: 670519
Ion Ratio Lower Upper
168 100
99 60.8 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 48.597 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN078691.D
Acq: 28 Jul 2023 17:42

Tgt Ion: 65 Resp: 436841
Ion Ratio Lower Upper
65 100
67 53.9 0.0 106.6

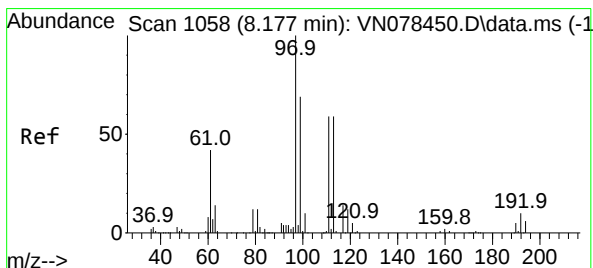
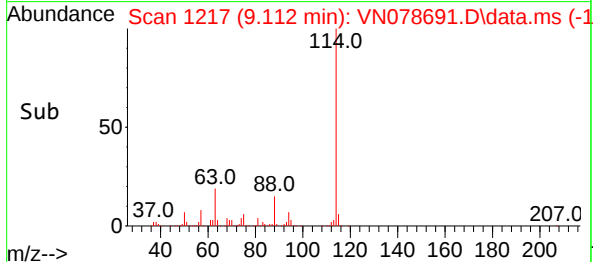
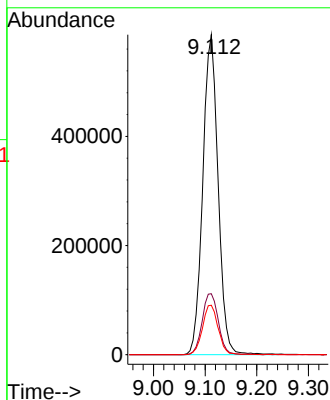
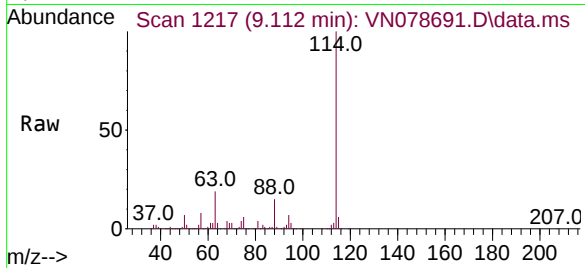




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 114
Delta R.T. 0.006 min
Lab File: VN078691.D
Acq: 28 Jul 2023 17:42

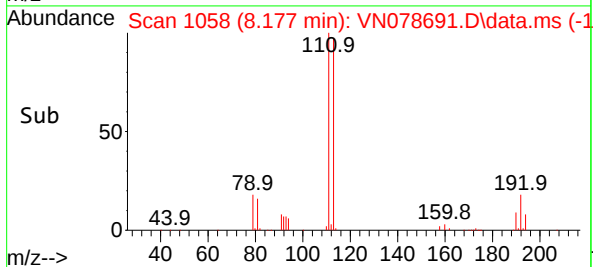
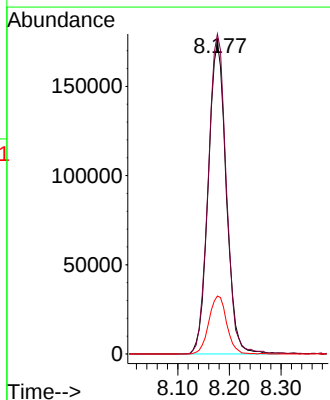
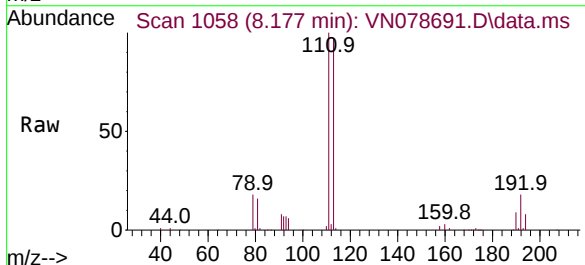
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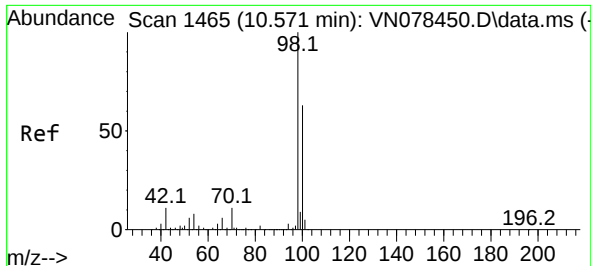
Tgt Ion:114 Resp: 1206040
Ion Ratio Lower Upper
114 100
63 19.0 0.0 36.4
88 15.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 51.588 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078691.D
Acq: 28 Jul 2023 17:42

Tgt Ion:113 Resp: 422346
Ion Ratio Lower Upper
113 100
111 103.0 82.6 123.8
192 18.4 12.7 19.1

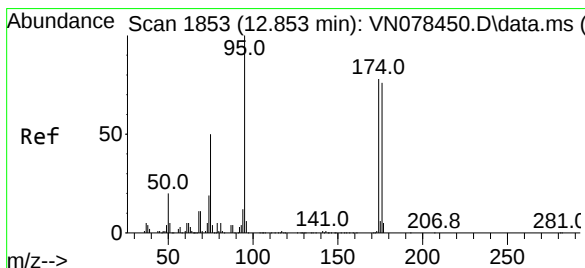
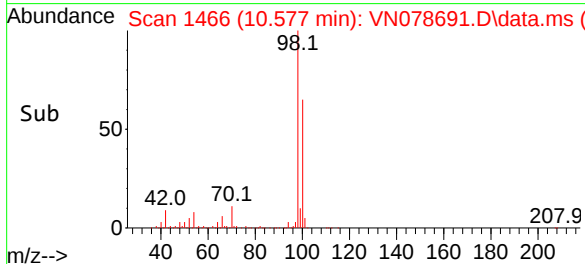
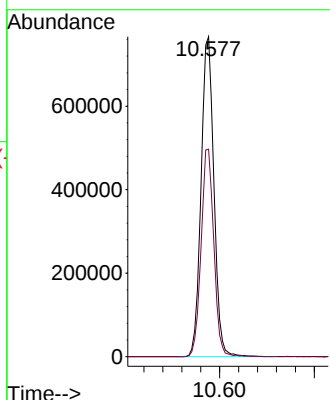
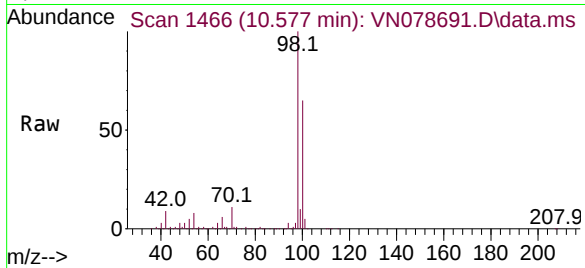




#50
Toluene-d8
Concen: 46.614 ug/l
RT: 10.577 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN078691.D
Acq: 28 Jul 2023 17:42

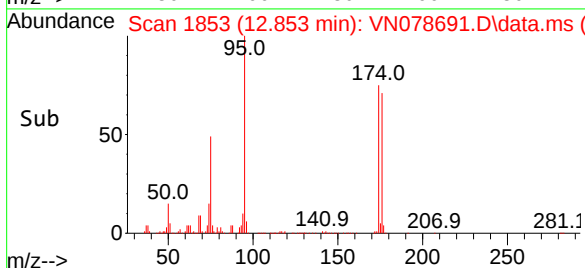
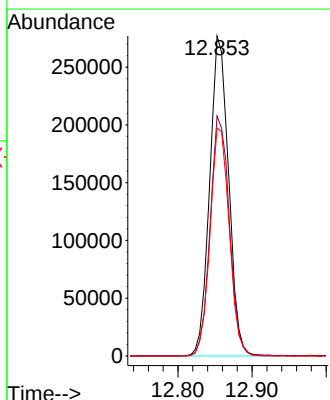
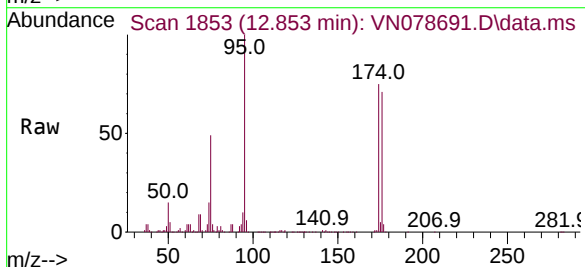
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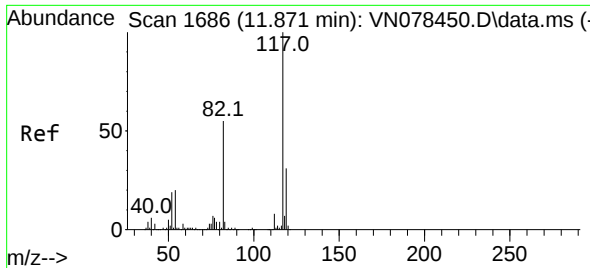
Tgt Ion: 98 Resp: 1441671
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.466 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078691.D
Acq: 28 Jul 2023 17:42

Tgt Ion: 95 Resp: 490291
Ion Ratio Lower Upper
95 100
174 76.3 0.0 143.8
176 72.4 0.0 135.8

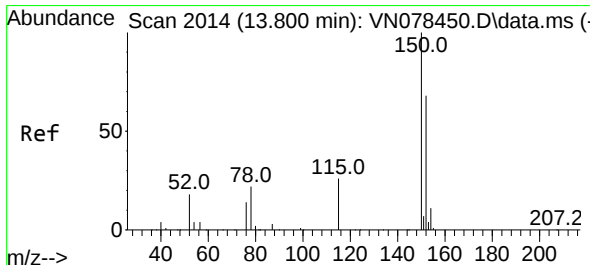
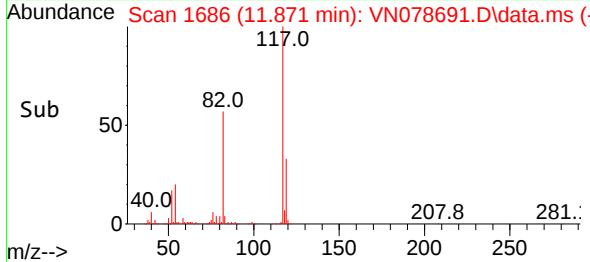
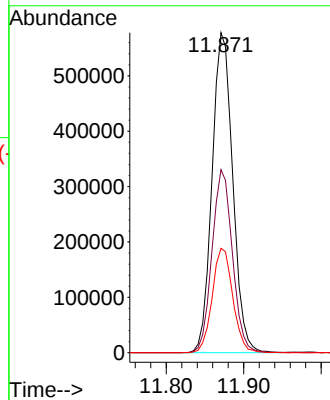
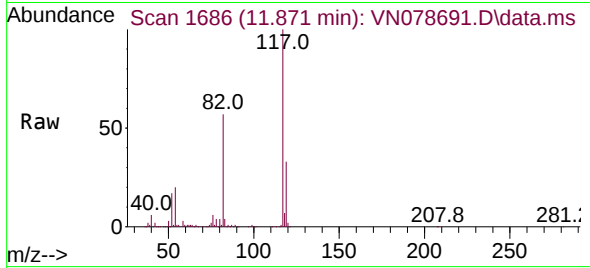




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN078691.D
Acq: 28 Jul 2023 17:42

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:117 Resp: 1073865
Ion Ratio Lower Upper
117 100
82 57.2 44.0 66.0
119 32.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078691.D
Acq: 28 Jul 2023 17:42

Tgt Ion:152 Resp: 379554
Ion Ratio Lower Upper
152 100
115 60.8 32.3 96.8
150 154.2 0.0 355.8

