

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053123\
 Data File : VN078000.D
 Acq On : 31 May 2023 18:07
 Operator : JC\MD
 Sample : 02973-13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP-01-20230526

Quant Time: Jun 01 01:57:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

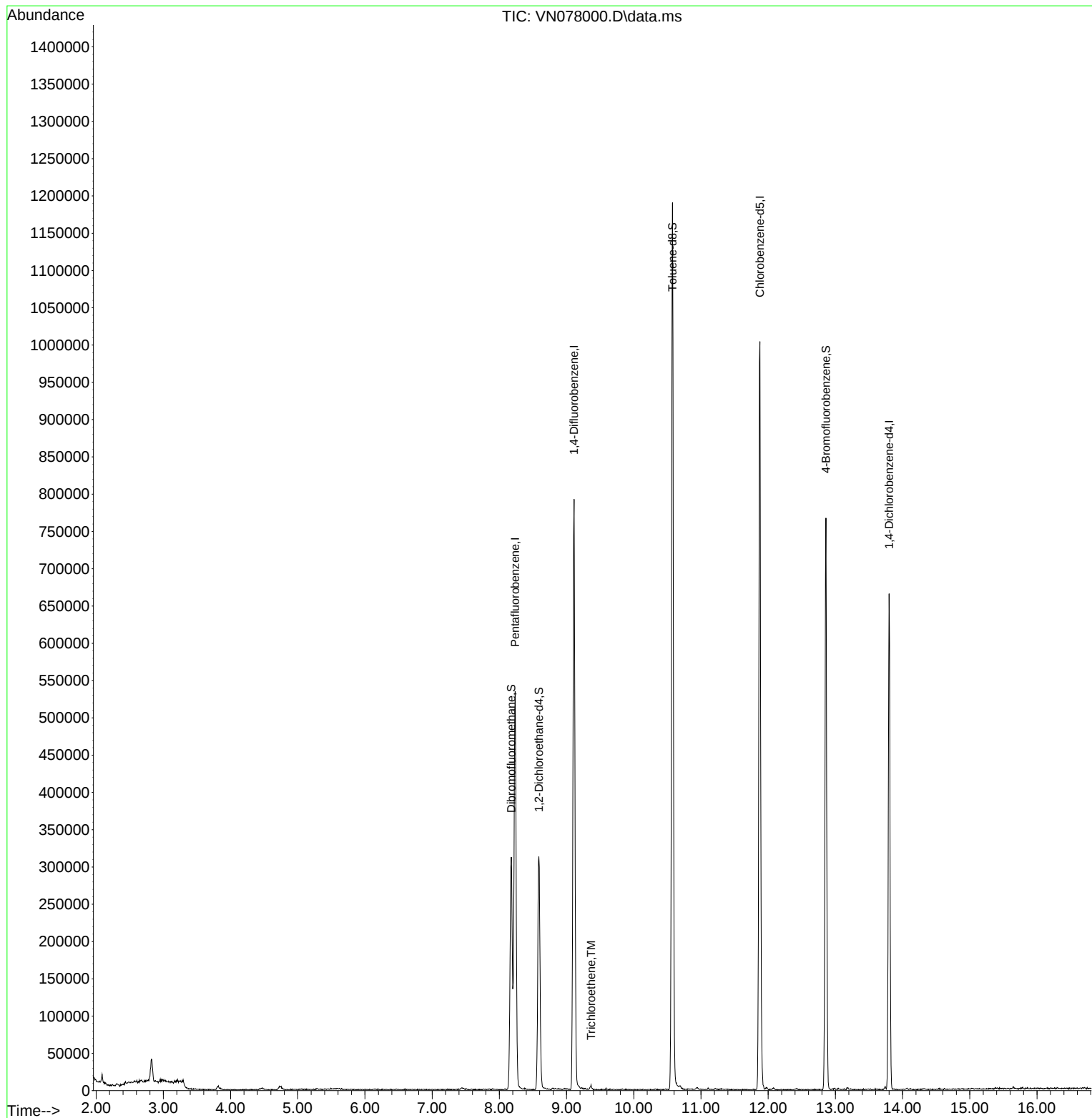
Internal Standards						
1) Pentafluorobenzene	8.235	168	381555	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	692185	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.876	117	604388	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	179179	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	266397	46.662	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.320%
35) Dibromofluoromethane	8.177	113	229715	50.893	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.780%
50) Toluene-d8	10.576	98	855066	49.217	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.440%
62) 4-Bromofluorobenzene	12.859	95	273759	44.616	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.240%
Target Compounds						
					Qvalue	
44) Trichloroethene	9.365	130	1737	0.352	ug/l	76

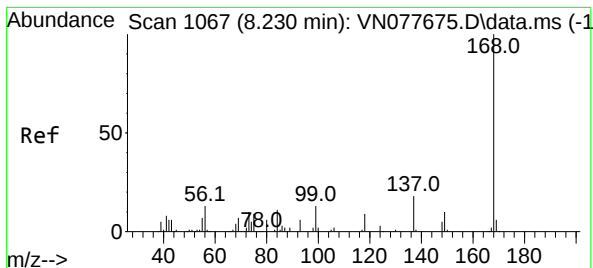
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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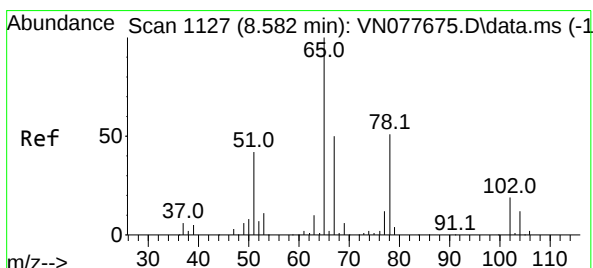
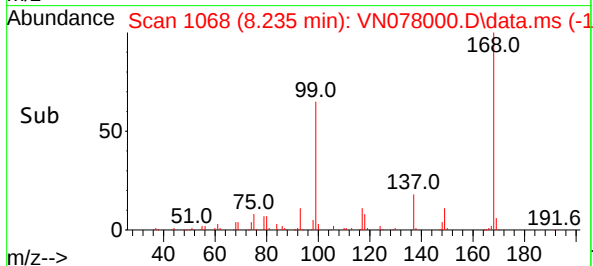
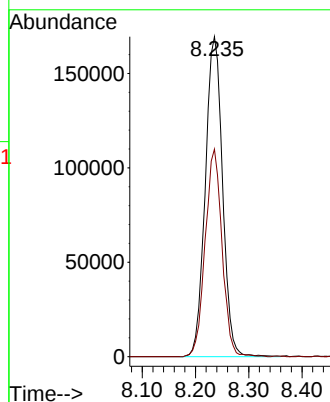
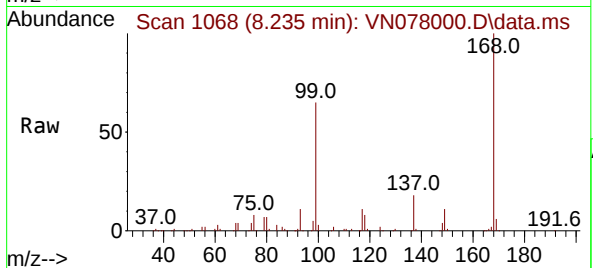




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 110
Delta R.T. 0.005 min
Lab File: VN078000.D
Acq: 31 May 2023 18:07

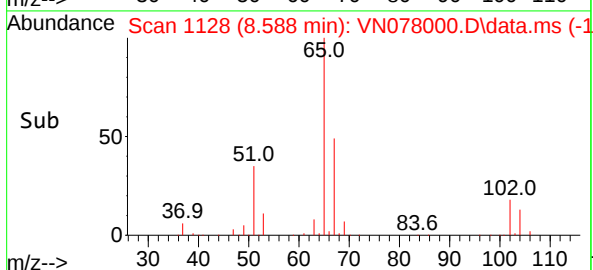
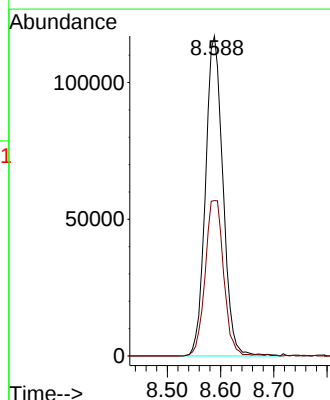
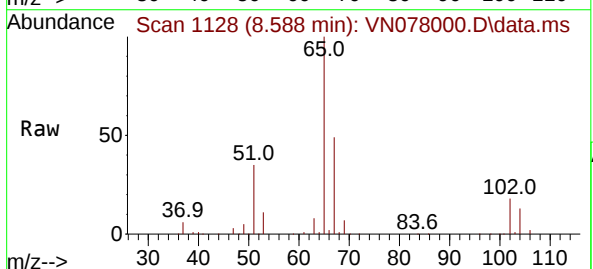
Instrument :
MSVOA_N
ClientSampleId :
DUP-01-20230526

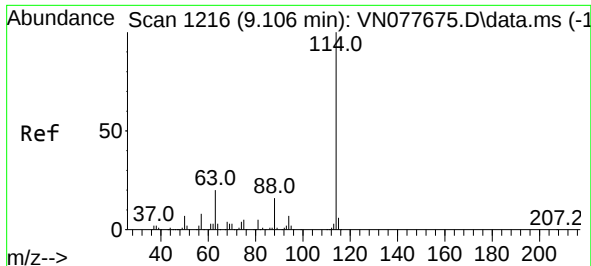
Tgt Ion:168 Resp: 381555
Ion Ratio Lower Upper
168 100
99 64.9 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 46.662 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078000.D
Acq: 31 May 2023 18:07

Tgt Ion: 65 Resp: 266397
Ion Ratio Lower Upper
65 100
67 51.6 0.0 106.6

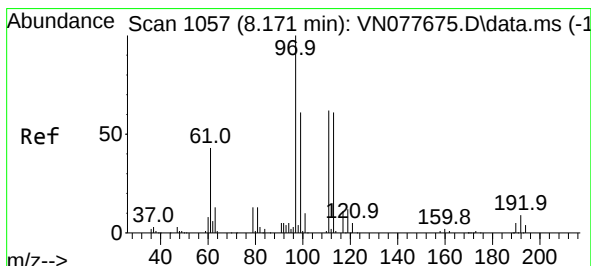
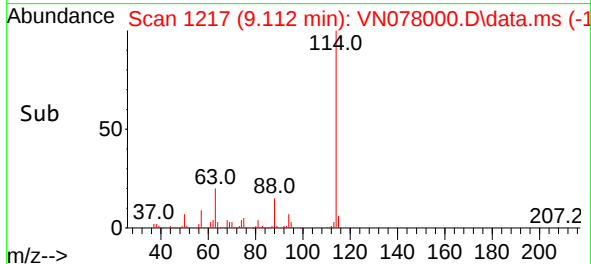
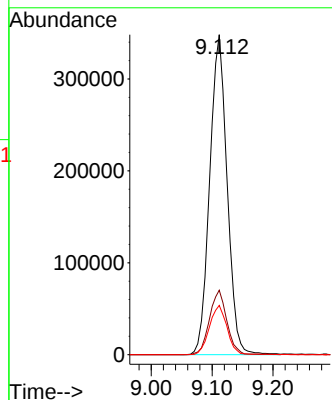
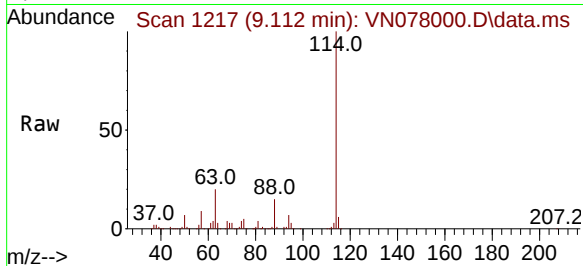




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078000.D
Acq: 31 May 2023 18:07

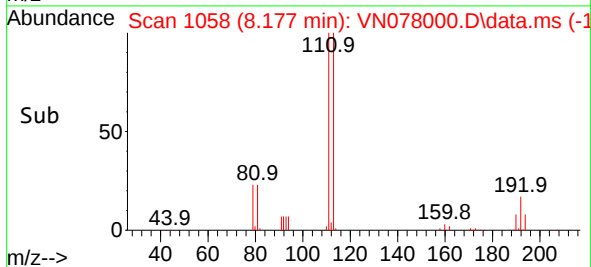
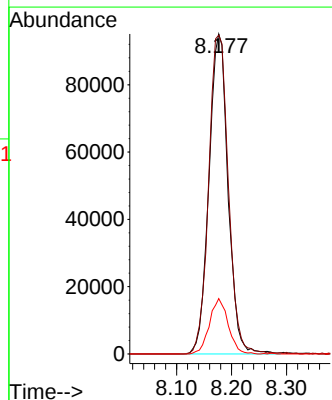
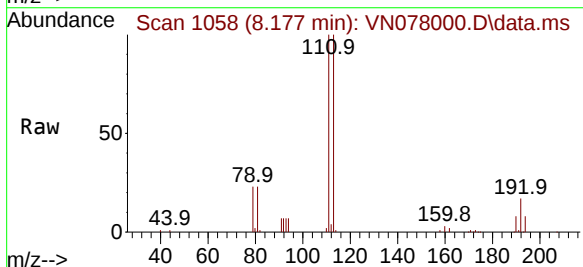
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MSVOA_N
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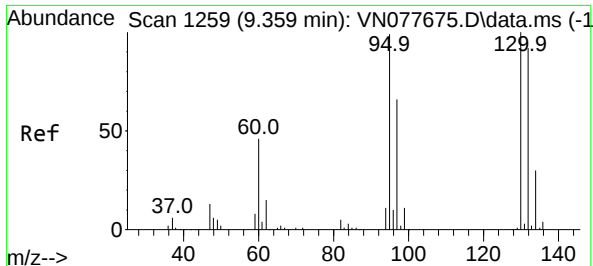
Tgt Ion:114 Resp: 692185
Ion Ratio Lower Upper
114 100
63 20.1 0.0 36.4
88 15.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.893 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN078000.D
Acq: 31 May 2023 18:07

Tgt Ion:113 Resp: 229715
Ion Ratio Lower Upper
113 100
111 102.7 82.6 123.8
192 17.0 12.7 19.1

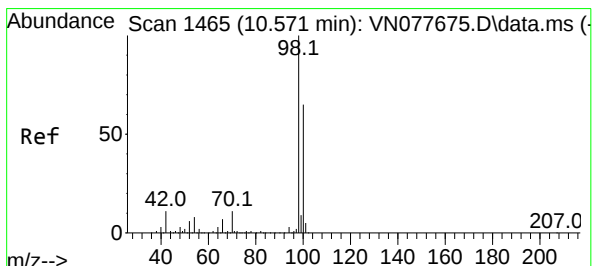
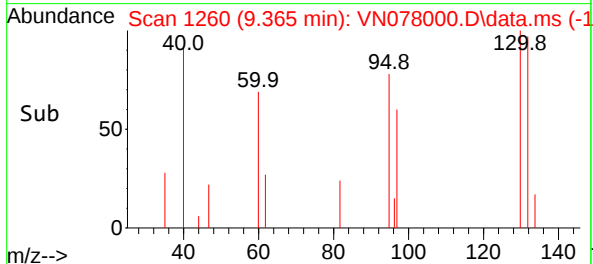
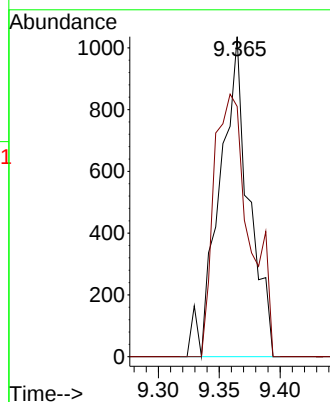
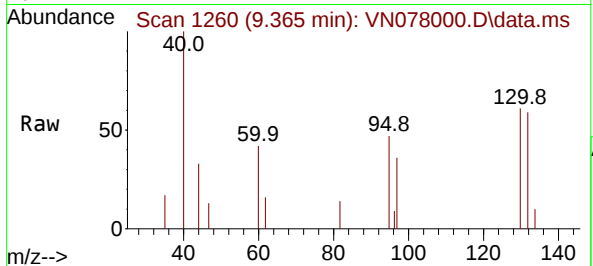




#44
Trichloroethene
Concen: 0.352 ug/l
RT: 9.365 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078000.D
Acq: 31 May 2023 18:07

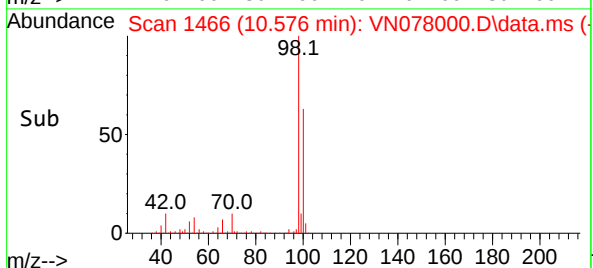
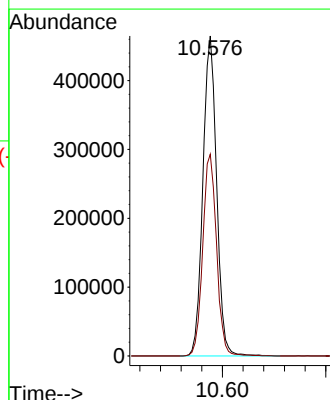
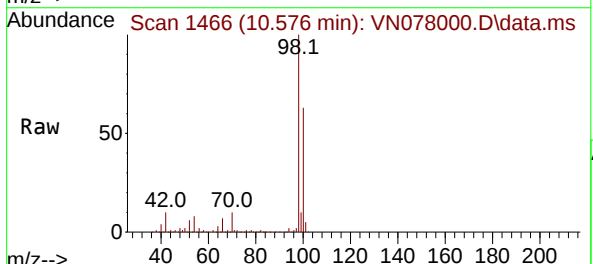
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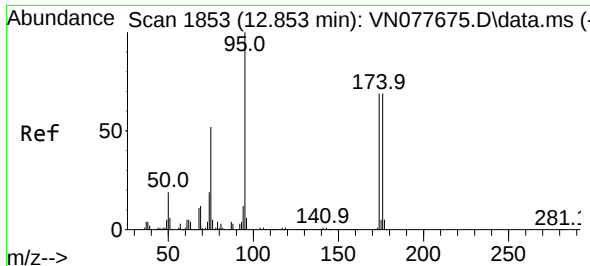
Tgt Ion:130 Resp: 1737
Ion Ratio Lower Upper
130 100
95 78.2 0.0 204.6



#50
Toluene-d8
Concen: 49.217 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.005 min
Lab File: VN078000.D
Acq: 31 May 2023 18:07

Tgt Ion: 98 Resp: 855066
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0

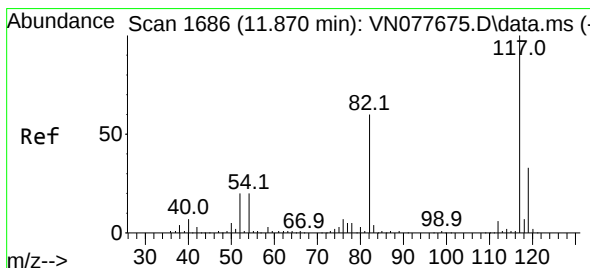
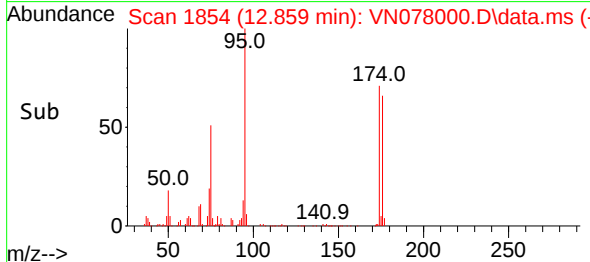
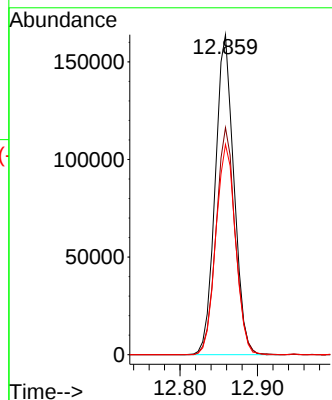
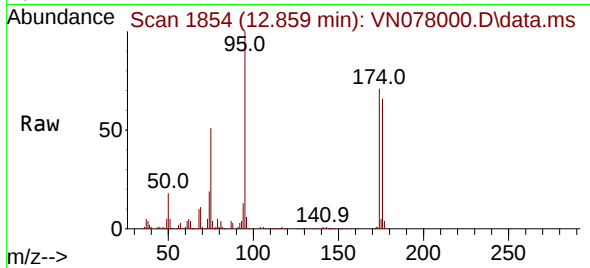




#62
4-Bromofluorobenzene
Concen: 44.616 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN078000.D
Acq: 31 May 2023 18:07

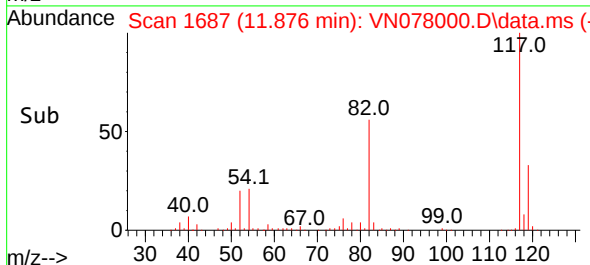
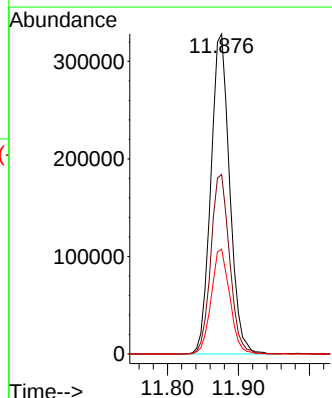
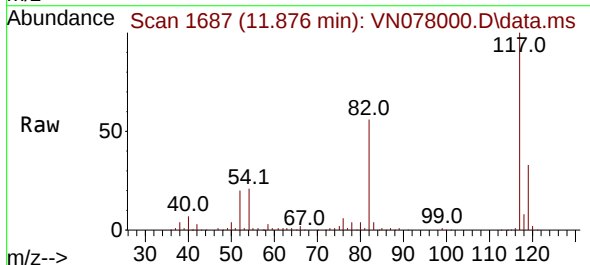
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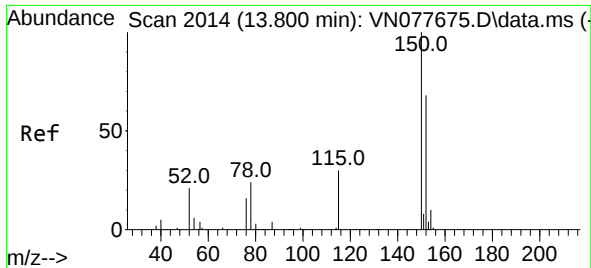
Tgt Ion: 95 Resp: 273759
Ion Ratio Lower Upper
95 100
174 73.0 0.0 143.8
176 69.2 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.876 min Scan# 1687
Delta R.T. 0.006 min
Lab File: VN078000.D
Acq: 31 May 2023 18:07

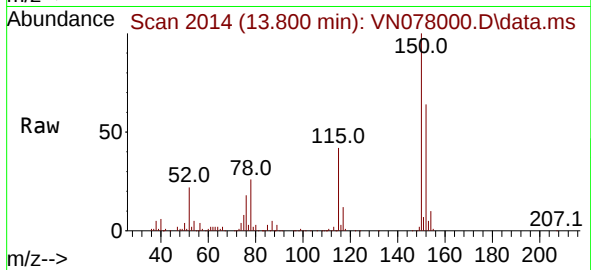
Tgt Ion: 117 Resp: 604388
Ion Ratio Lower Upper
117 100
82 56.1 44.0 66.0
119 32.7 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN078000.D
 Acq: 31 May 2023 18:07

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP-01-20230526



Tgt Ion:152 Resp: 179179
 Ion Ratio Lower Upper
 152 100
 115 65.2 32.3 96.8
 150 156.9 0.0 355.8

