

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053023\
 Data File : VN077973.D
 Acq On : 30 May 2023 16:39
 Operator : JC\MD
 Sample : 02973-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-140B-20230526

Quant Time: May 31 02:09:23 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)

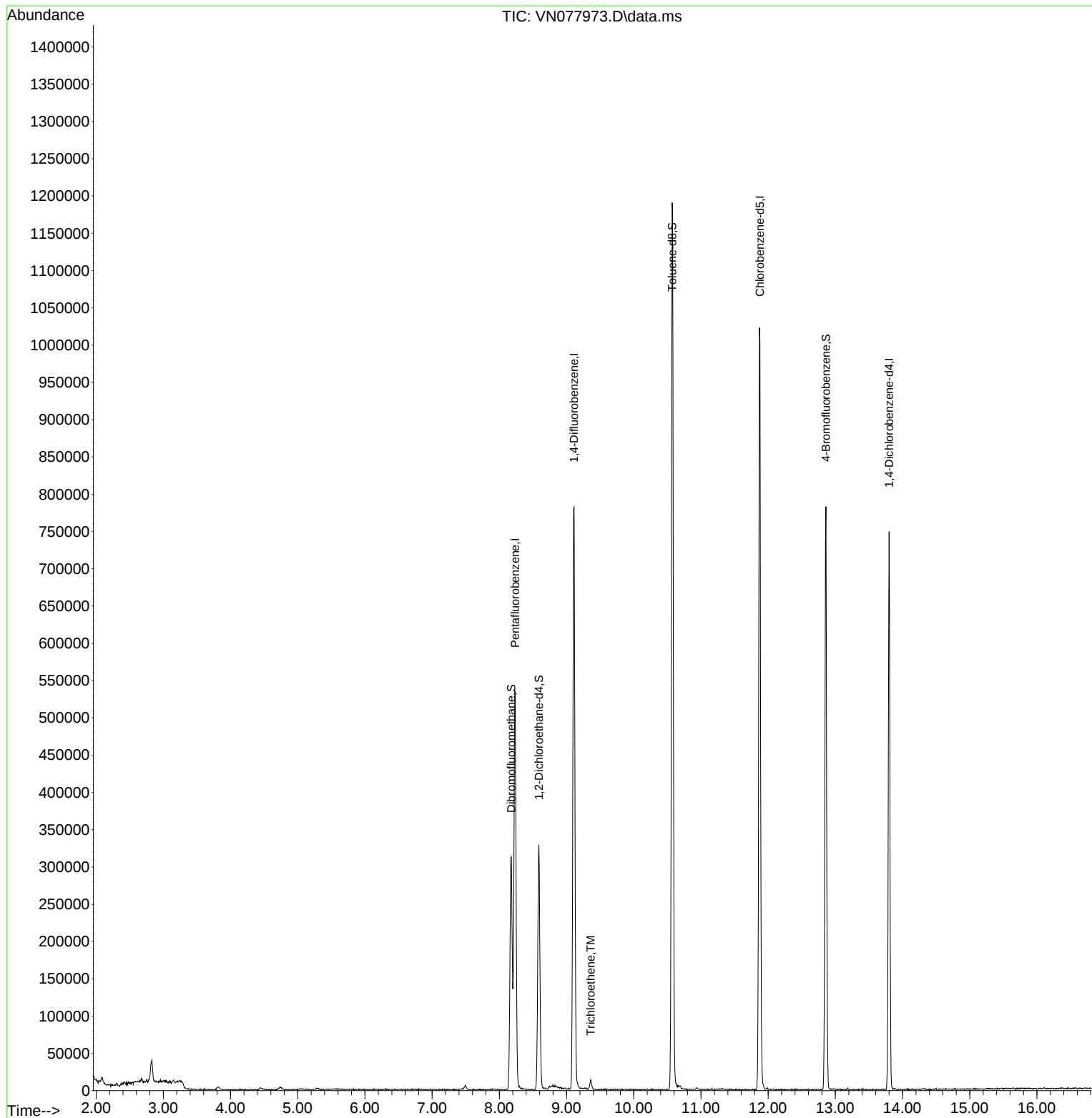
Internal Standards						
1) Pentafluorobenzene	8.236	168	383254	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	709849	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.877	117	620706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	197826	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	266977	46.557	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.120%
35) Dibromofluoromethane	8.177	113	226829	49.003	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.000%
50) Toluene-d8	10.571	98	870399	48.853	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.700%
62) 4-Bromofluorobenzene	12.859	95	282074	44.827	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.660%
Target Compounds						
					Qvalue	
44) Trichloroethene	9.359	130	4272	0.844	ug/l	79

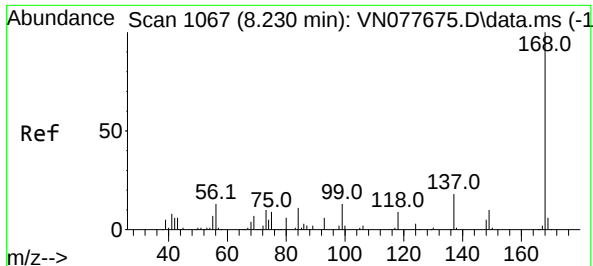
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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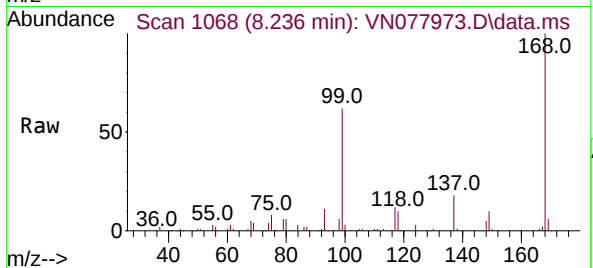
Quant Time: May 31 02:09:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
Quant Title : SW846 8260
QLast Update : Tue May 16 04:07:42 2023
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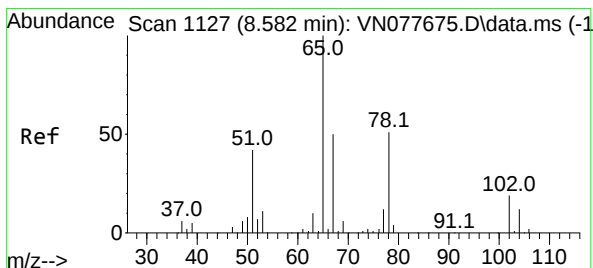
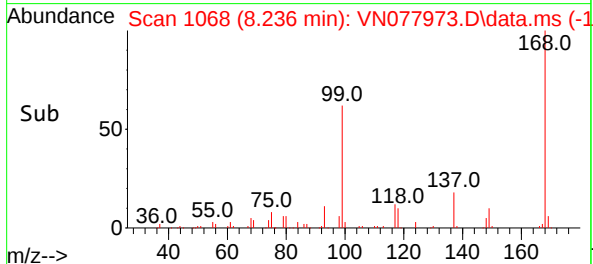
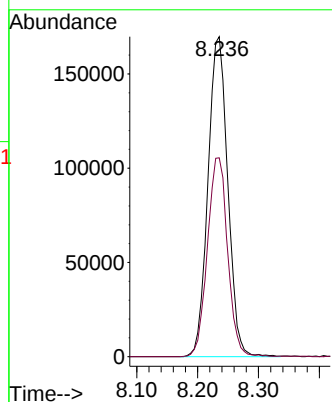


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN077973.D
Acq: 30 May 2023 16:39

Instrument :
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ClientSampleId :
MH-140B-20230526

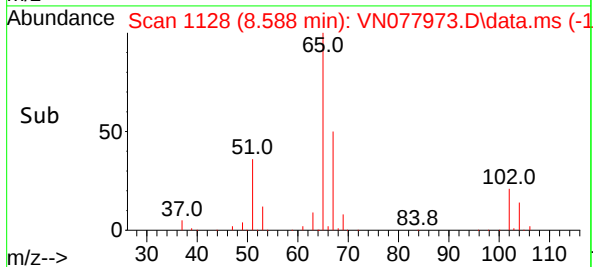
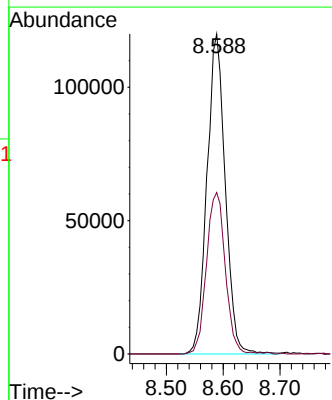
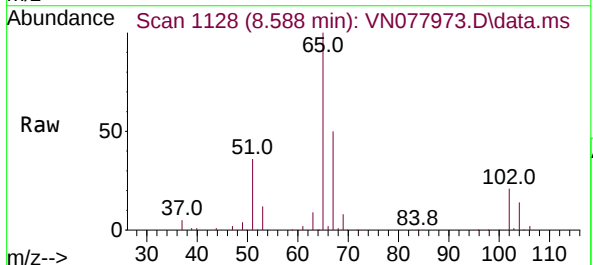


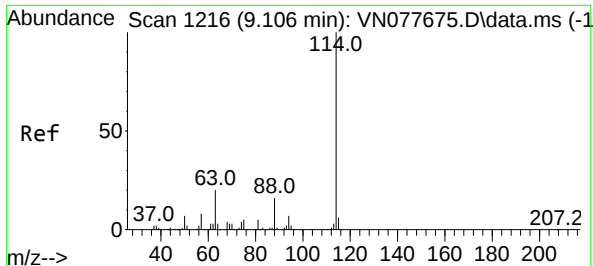
Tgt Ion:168 Resp: 383254
Ion Ratio Lower Upper
168 100
99 62.1 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 46.557 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077973.D
Acq: 30 May 2023 16:39

Tgt Ion: 65 Resp: 266977
Ion Ratio Lower Upper
65 100
67 52.0 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN077973.D

Acq: 30 May 2023 16:39

Instrument :

MSVOA_N

ClientSampleId :

MH-140B-20230526

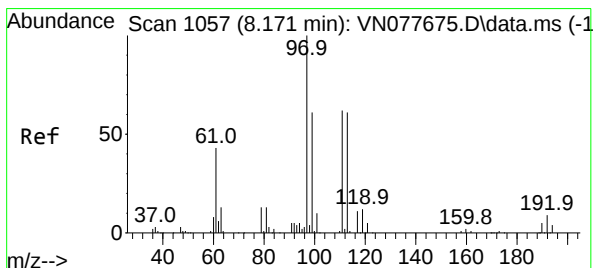
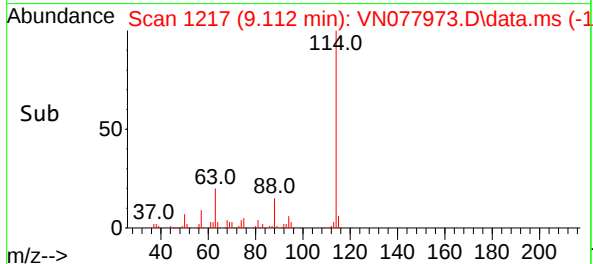
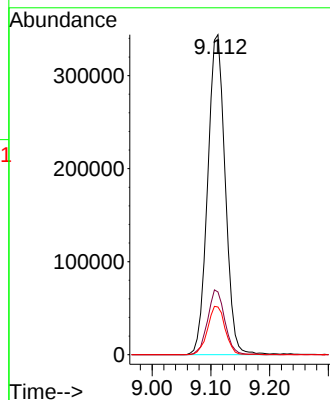
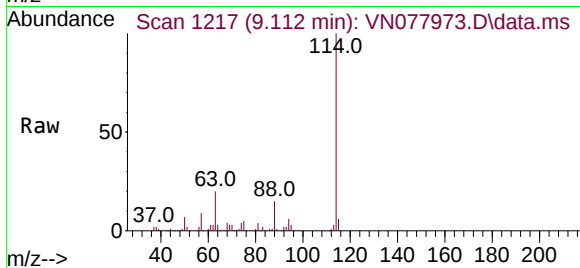
Tgt Ion:114 Resp: 709849

Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.003 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077973.D

Acq: 30 May 2023 16:39

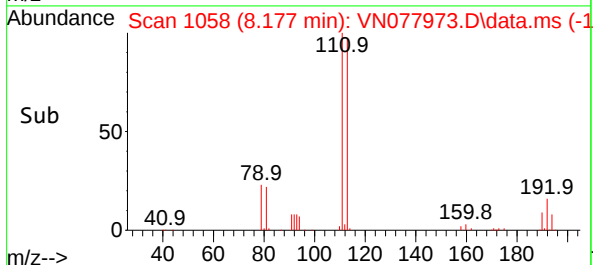
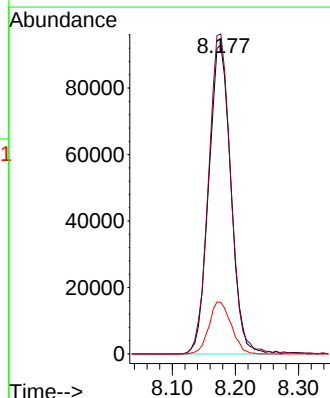
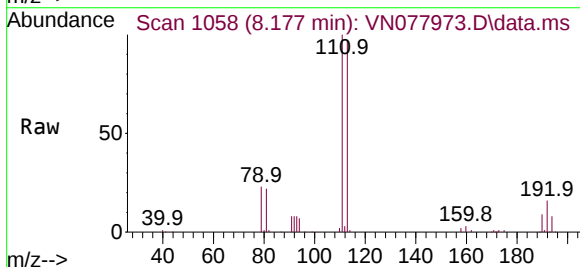
Tgt Ion:113 Resp: 226829

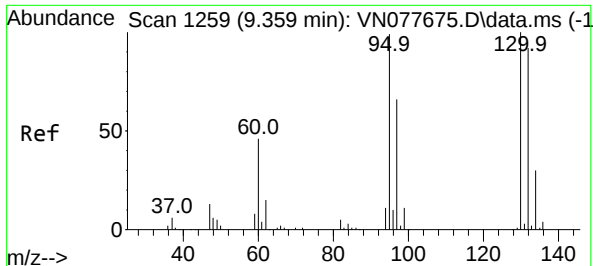
Ion Ratio Lower Upper

113 100

111 103.5 82.6 123.8

192 16.8 12.7 19.1

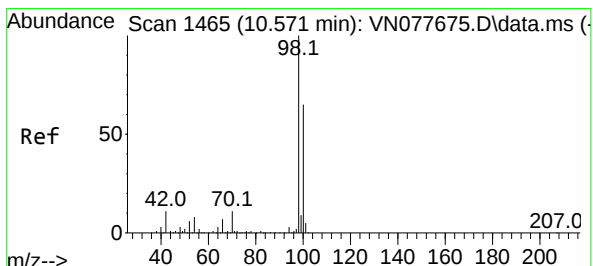
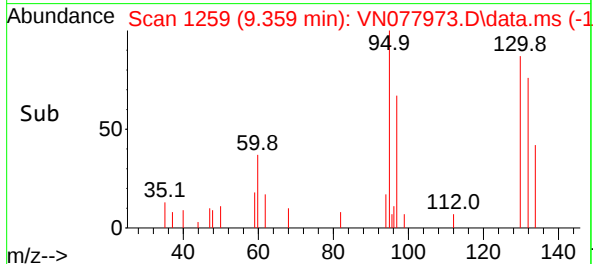
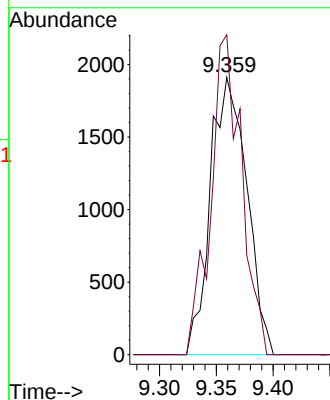
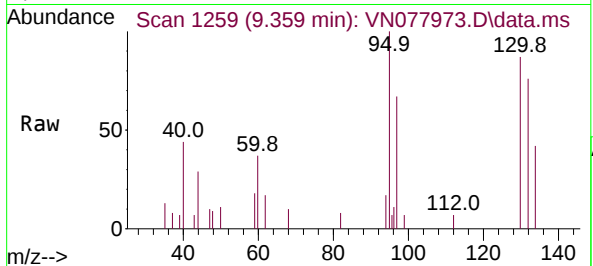




#44
Trichloroethene
Concen: 0.844 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN077973.D
Acq: 30 May 2023 16:39

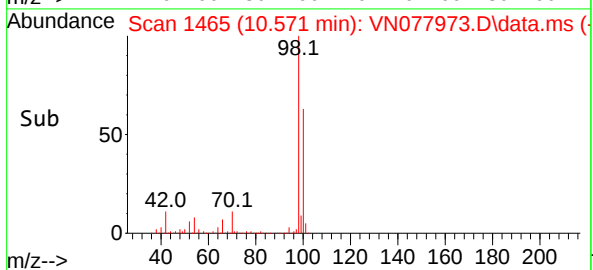
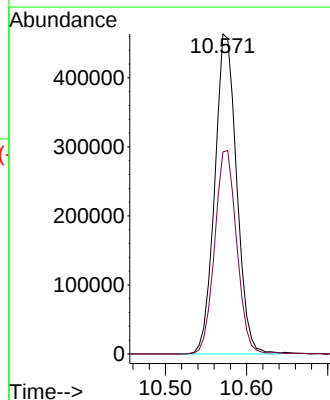
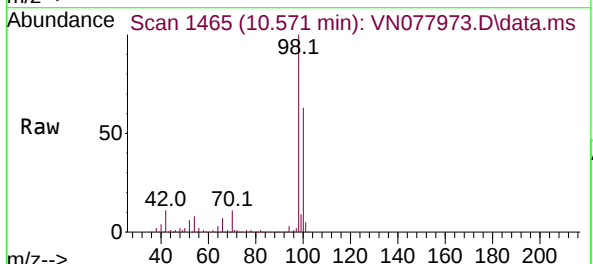
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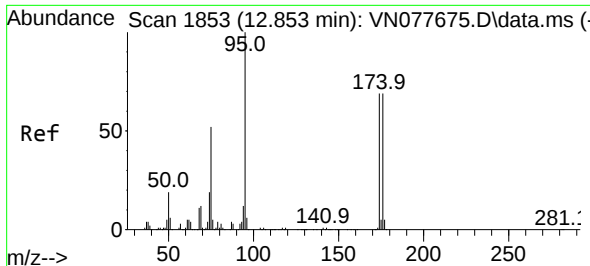
Tgt Ion:130 Resp: 4272
Ion Ratio Lower Upper
130 100
95 123.3 0.0 204.6



#50
Toluene-d8
Concen: 48.853 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077973.D
Acq: 30 May 2023 16:39

Tgt Ion: 98 Resp: 870399
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0

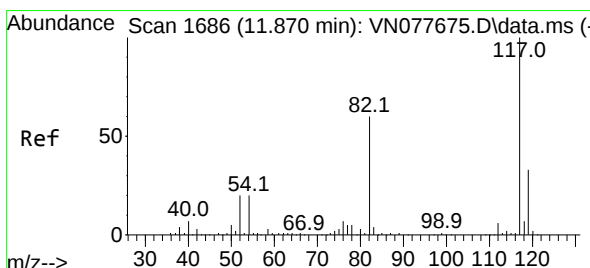
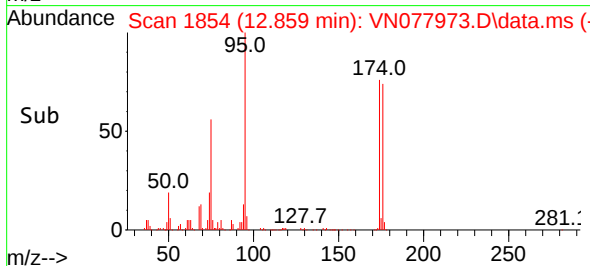
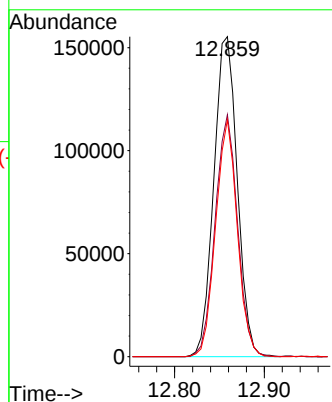
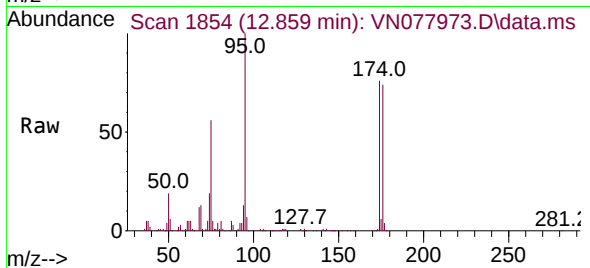




#62
4-Bromofluorobenzene
Concen: 44.827 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077973.D
Acq: 30 May 2023 16:39

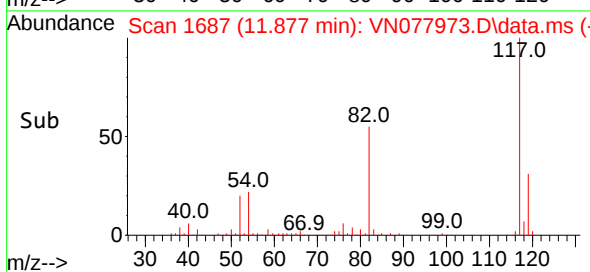
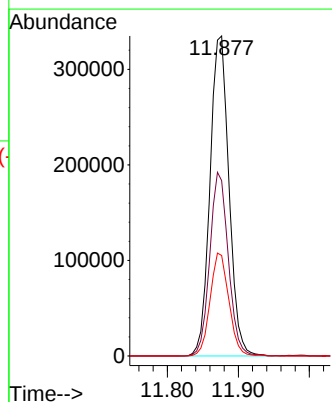
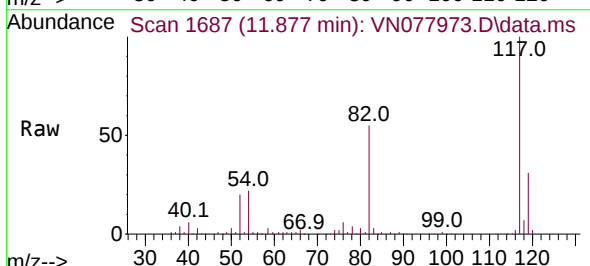
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ClientSampleId :
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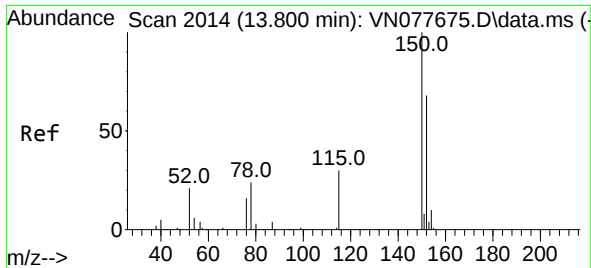
Tgt Ion: 95 Resp: 282074
Ion Ratio Lower Upper
95 100
174 72.3 0.0 143.8
176 68.2 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.877 min Scan# 1687
Delta R.T. 0.007 min
Lab File: VN077973.D
Acq: 30 May 2023 16:39

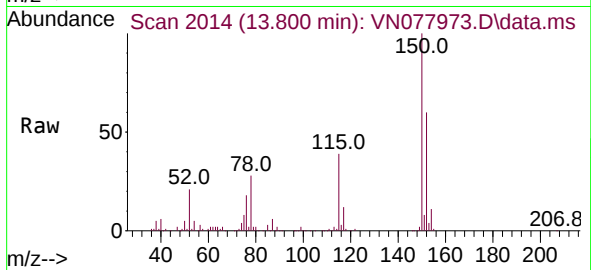
Tgt Ion: 117 Resp: 620706
Ion Ratio Lower Upper
117 100
82 54.8 44.0 66.0
119 31.4 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077973.D
 Acq: 30 May 2023 16:39

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-140B-20230526



Tgt Ion:152 Resp: 197826
 Ion Ratio Lower Upper
 152 100
 115 61.4 32.3 96.8
 150 156.0 0.0 355.8

