

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053023\
 Data File : VN077970.D
 Acq On : 30 May 2023 15:27
 Operator : JC\MD
 Sample : 02973-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-118.5N-20230526

Quant Time: May 31 02:08:23 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)

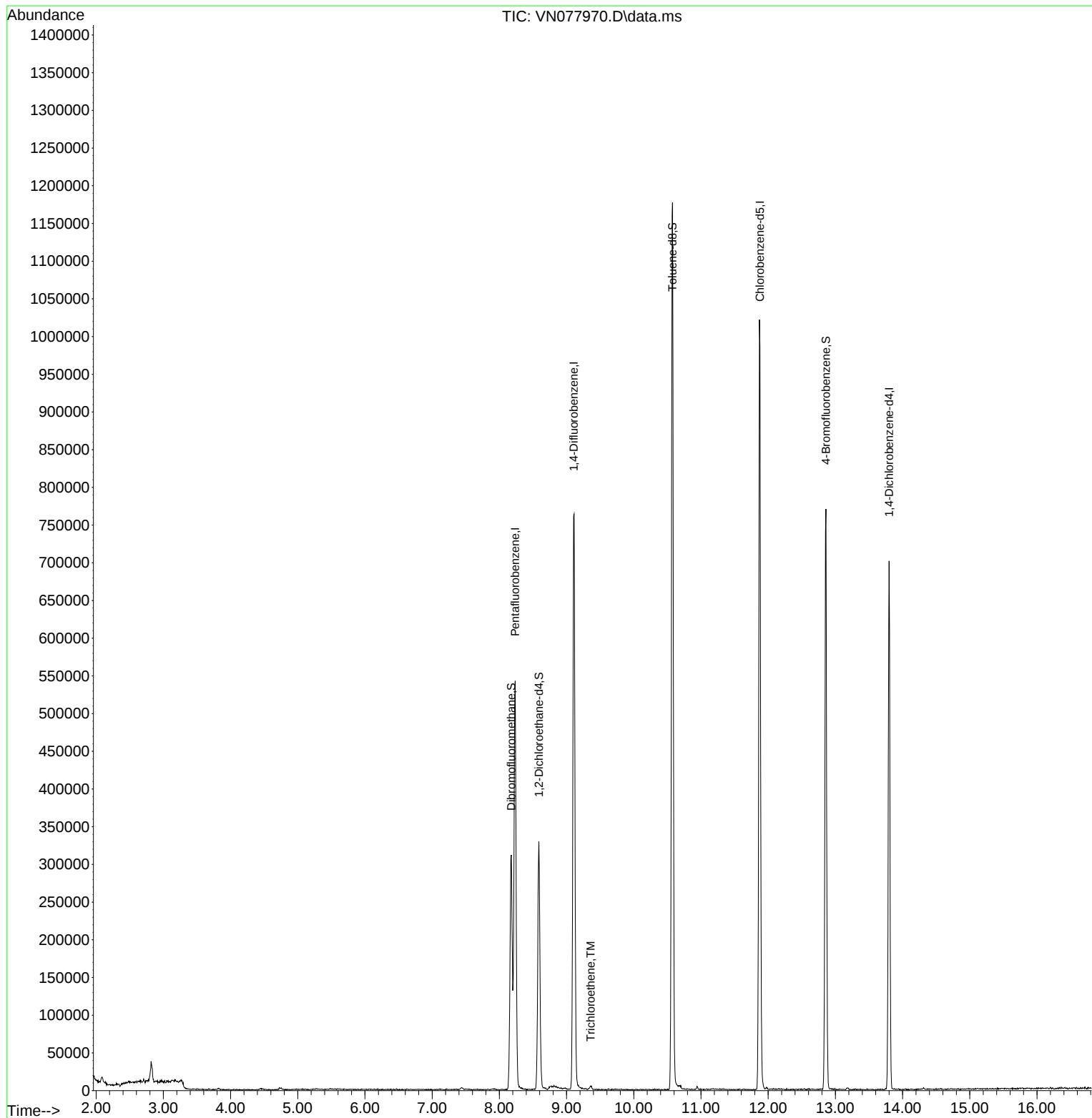
Internal Standards						
1) Pentafluorobenzene	8.236	168	373376	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	698142	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.876	117	616108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	185743	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	271256	48.554	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.100%
35) Dibromofluoromethane	8.177	113	228299	50.148	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.300%
50) Toluene-d8	10.577	98	860552	49.110	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.220%
62) 4-Bromofluorobenzene	12.859	95	274759	44.397	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.800%
Target Compounds						
44) Trichloroethene	9.359	130	1816	0.365	ug/l	39

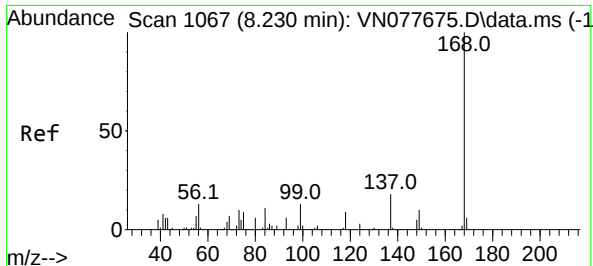
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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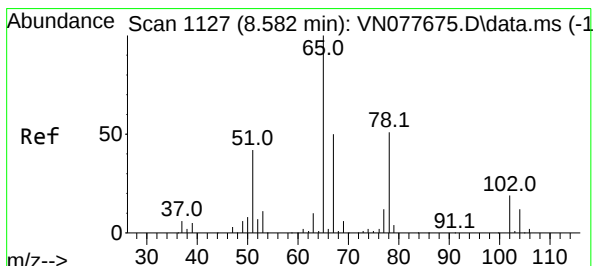
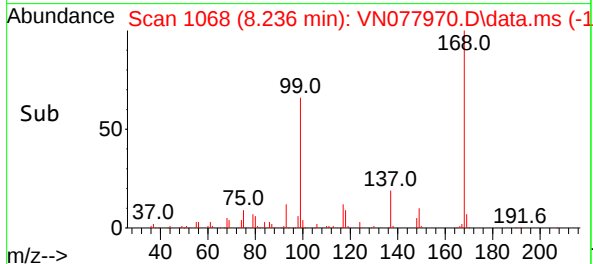
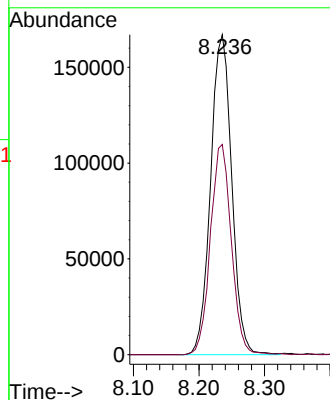
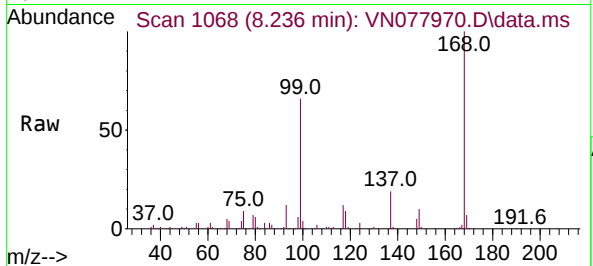




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN077970.D
Acq: 30 May 2023 15:27

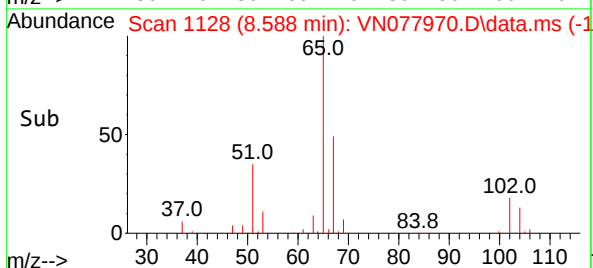
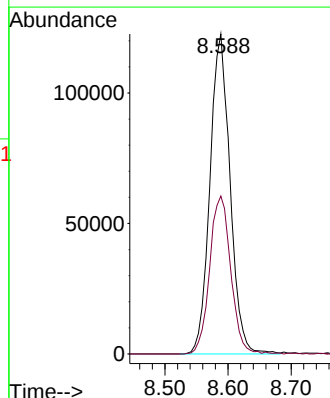
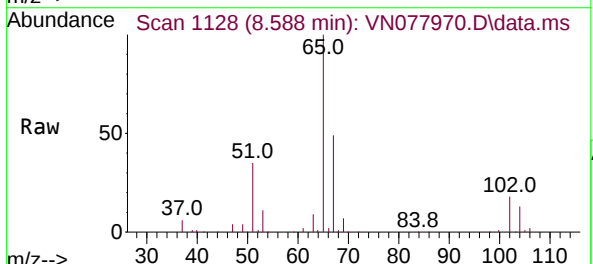
Instrument :
MSVOA_N
ClientSampleId :
MH-118.5N-20230526

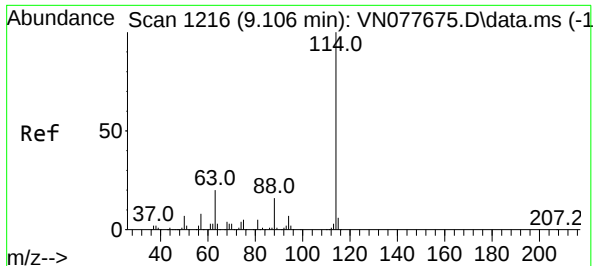
Tgt Ion:168 Resp: 373376
Ion Ratio Lower Upper
168 100
99 65.7 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 48.554 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077970.D
Acq: 30 May 2023 15:27

Tgt Ion: 65 Resp: 271256
Ion Ratio Lower Upper
65 100
67 51.8 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN077970.D

Acq: 30 May 2023 15:27

Instrument :

MSVOA_N

ClientSampleId :

MH-118.5N-20230526

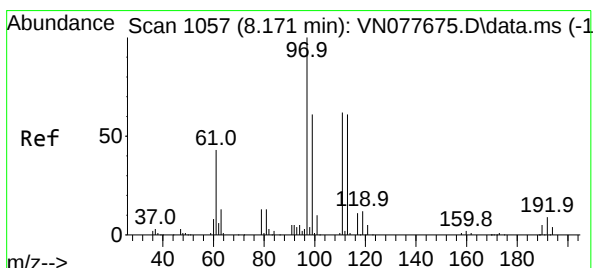
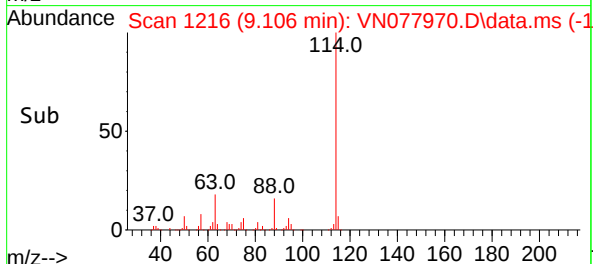
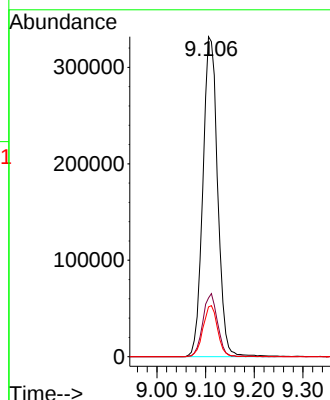
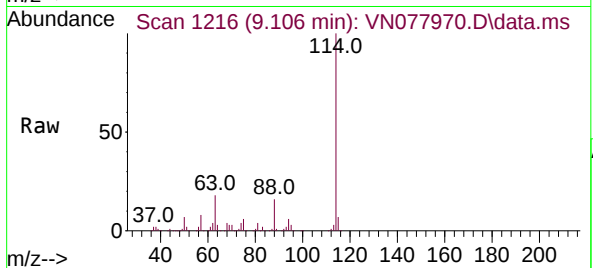
Tgt Ion:114 Resp: 698142

Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.4

88 15.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.148 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077970.D

Acq: 30 May 2023 15:27

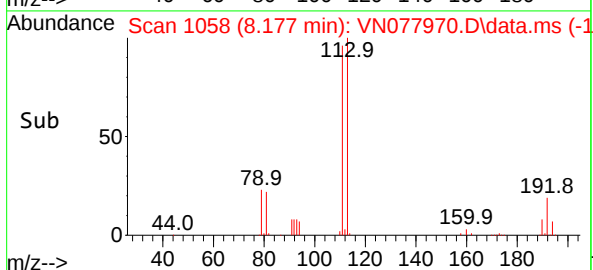
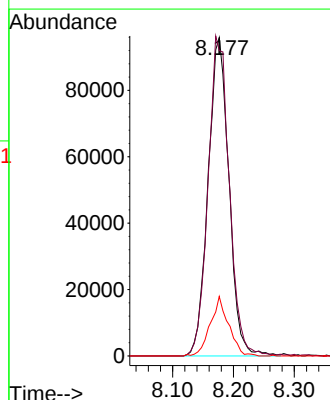
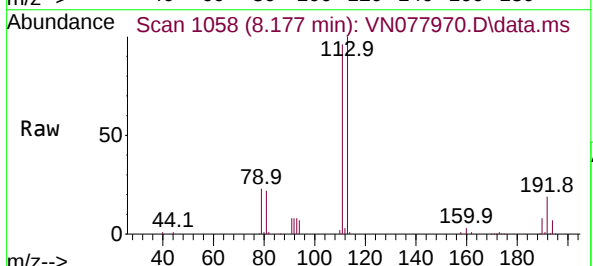
Tgt Ion:113 Resp: 228299

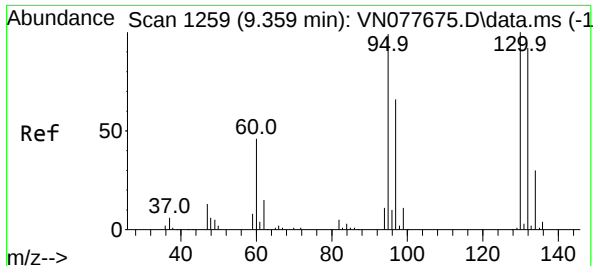
Ion Ratio Lower Upper

113 100

111 101.9 82.6 123.8

192 16.4 12.7 19.1

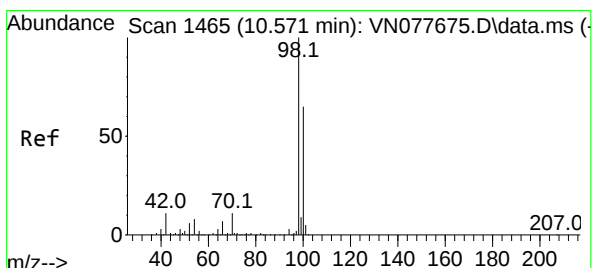
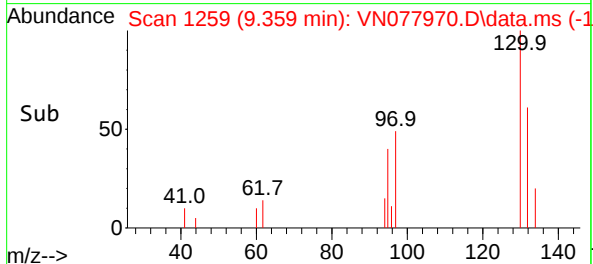
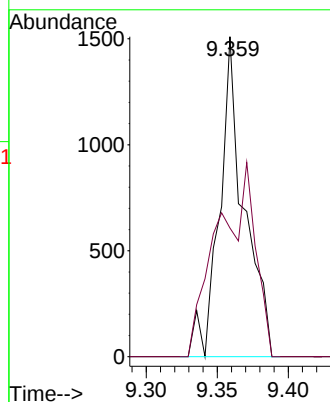
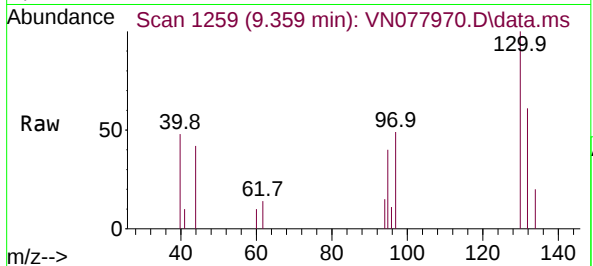




#44
Trichloroethene
Concen: 0.365 ug/l
RT: 9.359 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077970.D
Acq: 30 May 2023 15:27

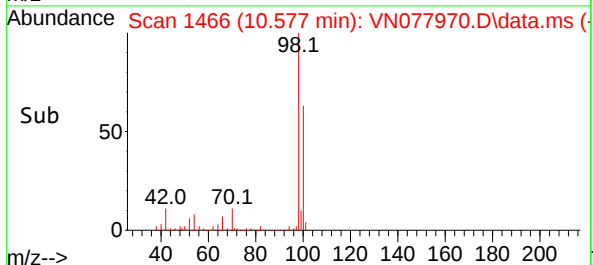
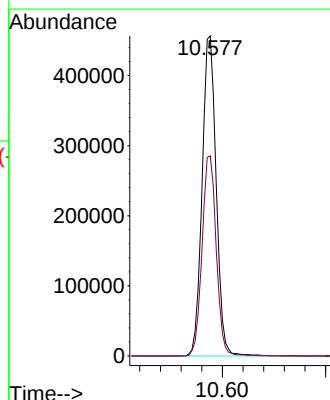
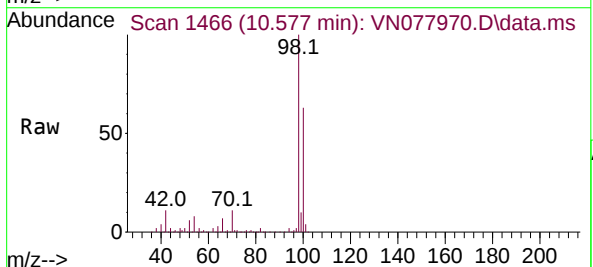
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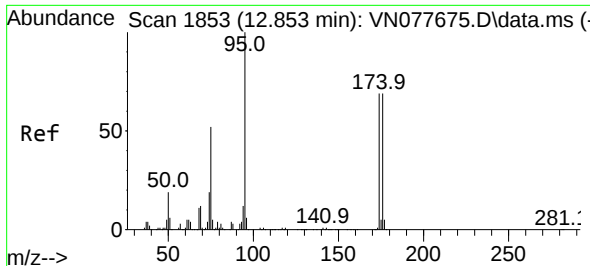
Tgt Ion:130 Resp: 1816
Ion Ratio Lower Upper
130 100
95 40.2 0.0 204.6



#50
Toluene-d8
Concen: 49.110 ug/l
RT: 10.577 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN077970.D
Acq: 30 May 2023 15:27

Tgt Ion: 98 Resp: 860552
Ion Ratio Lower Upper
98 100
100 63.1 52.0 78.0

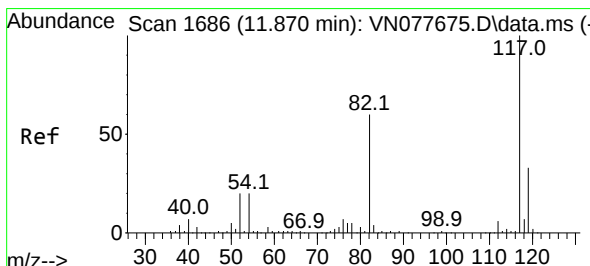
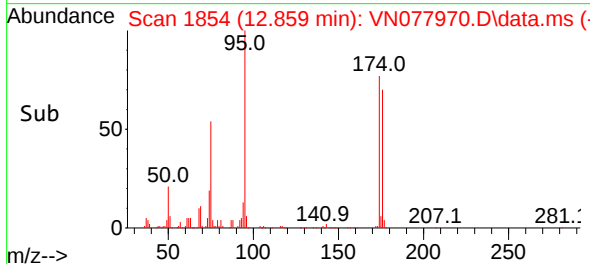
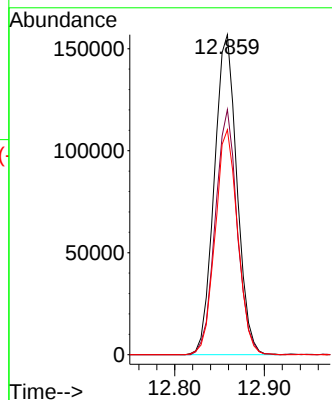
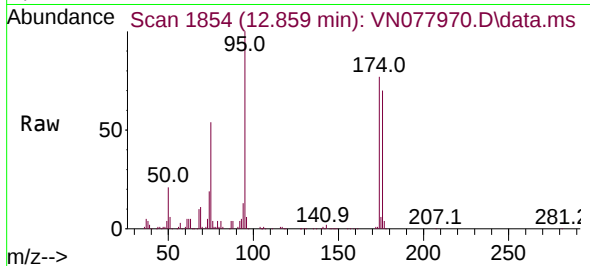




#62
4-Bromofluorobenzene
Concen: 44.397 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077970.D
Acq: 30 May 2023 15:27

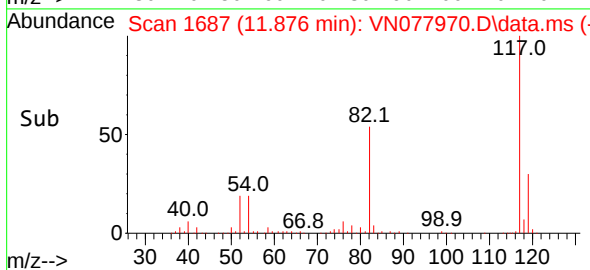
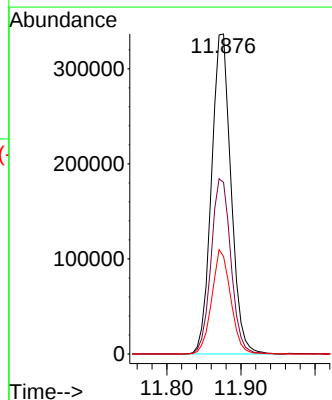
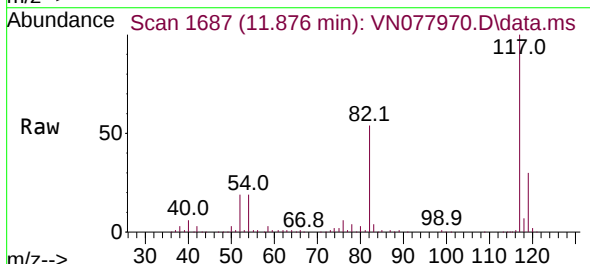
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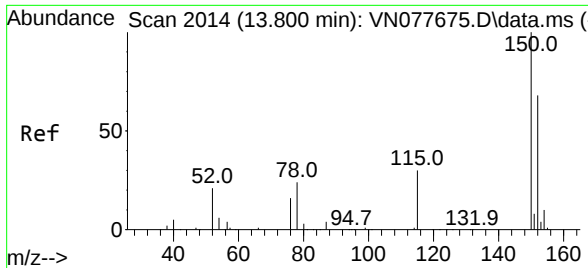
Tgt Ion: 95 Resp: 274759
Ion Ratio Lower Upper
95 100
174 74.2 0.0 143.8
176 69.7 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.876 min Scan# 1687
Delta R.T. 0.006 min
Lab File: VN077970.D
Acq: 30 May 2023 15:27

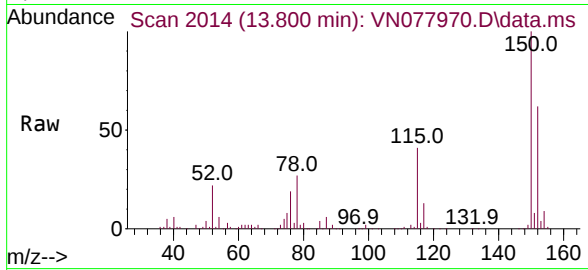
Tgt Ion: 117 Resp: 616108
Ion Ratio Lower Upper
117 100
82 53.6 44.0 66.0
119 30.4 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077970.D
 Acq: 30 May 2023 15:27

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-118.5N-20230526



Tgt Ion:152 Resp: 185743
 Ion Ratio Lower Upper
 152 100
 115 64.1 32.3 96.8
 150 160.9 0.0 355.8

