

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053023\
 Data File : VN077971.D
 Acq On : 30 May 2023 15:51
 Operator : JC\MD
 Sample : 02973-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-121.5N-20230526

Quant Time: May 31 02:08:42 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)

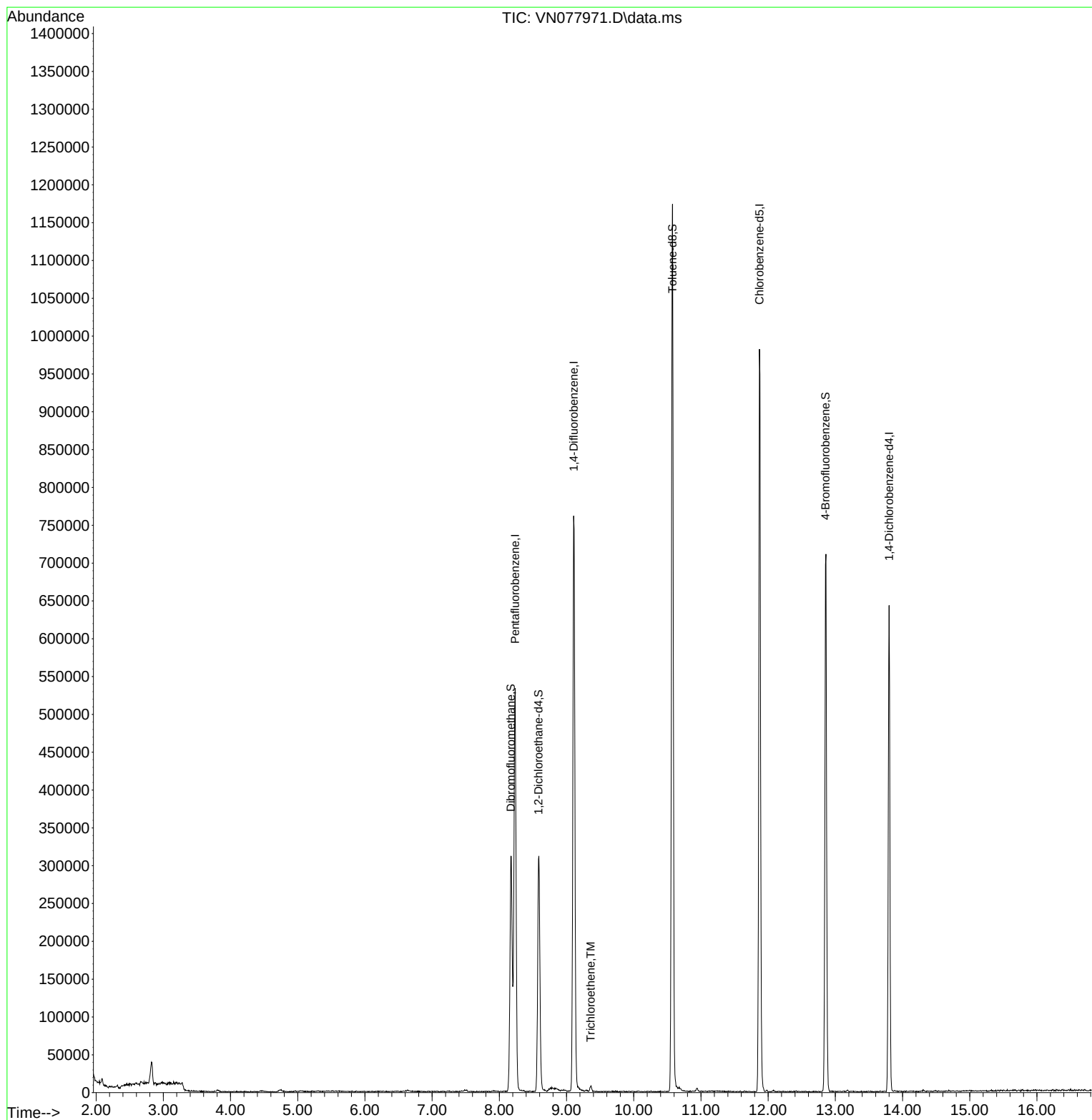
Internal Standards						
1) Pentafluorobenzene	8.236	168	375482	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	684271	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	590166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	173040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	261983	46.631	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.260%
35) Dibromofluoromethane	8.171	113	224592	50.334	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.660%
50) Toluene-d8	10.577	98	849645	49.471	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.940%
62) 4-Bromofluorobenzene	12.853	95	262345	43.250	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.500%
Target Compounds						
44) Trichloroethene	9.359	130	2067	0.424	ug/l	Qvalue 86

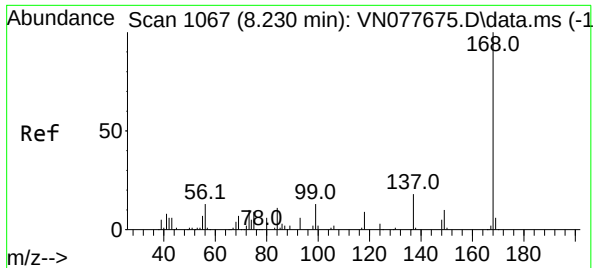
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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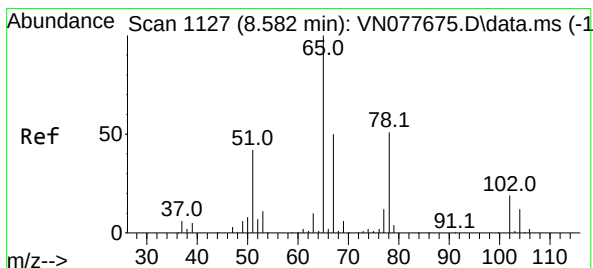
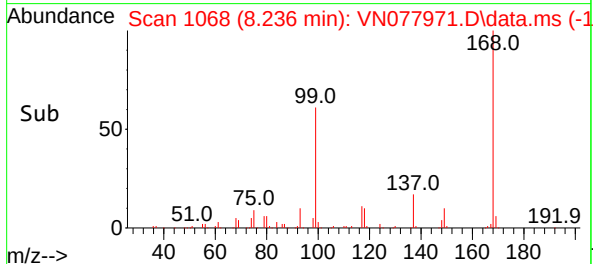
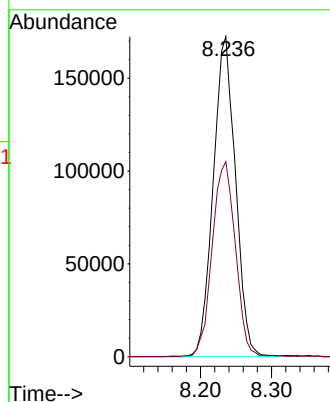
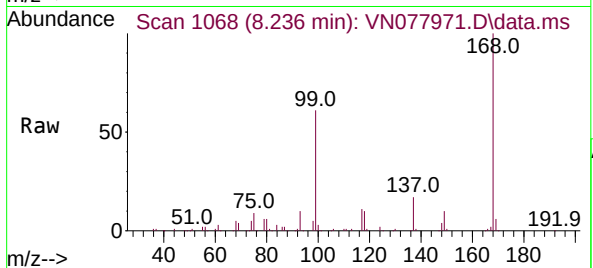




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VN077971.D
Acq: 30 May 2023 15:51

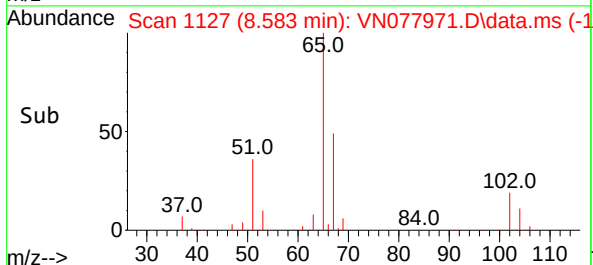
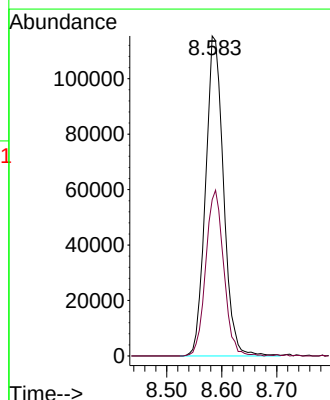
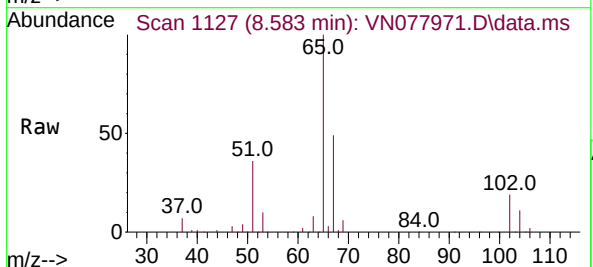
Instrument :
MSVOA_N
ClientSampleId :
MH-121.5N-20230526

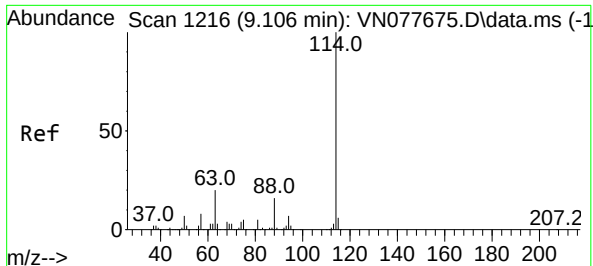
Tgt Ion:168 Resp: 375482
Ion Ratio Lower Upper
168 100
99 60.8 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 46.631 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN077971.D
Acq: 30 May 2023 15:51

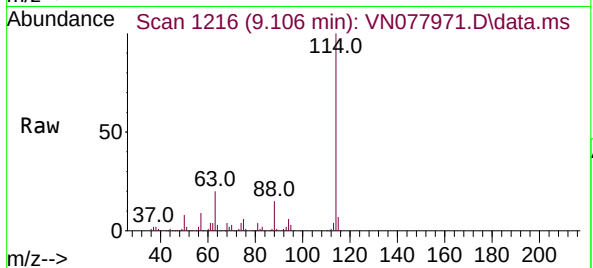
Tgt Ion: 65 Resp: 261983
Ion Ratio Lower Upper
65 100
67 51.8 0.0 106.6



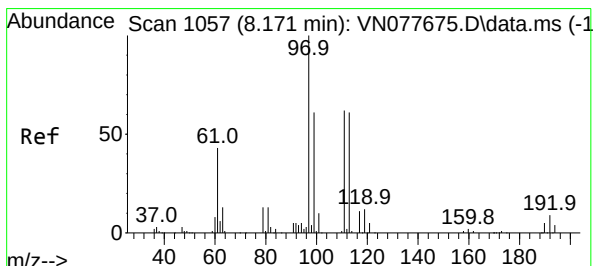
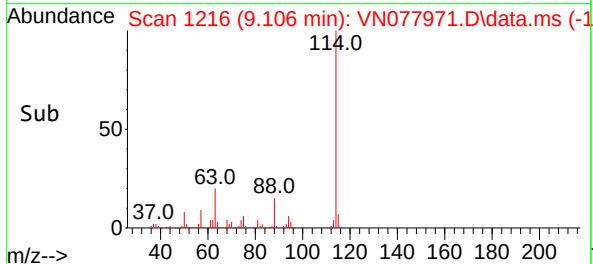
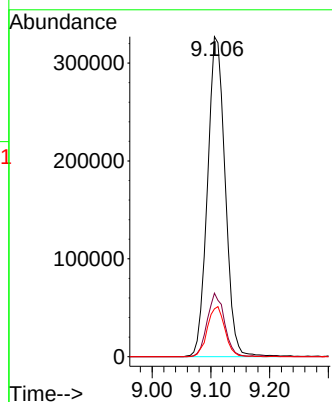


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077971.D
Acq: 30 May 2023 15:51

Instrument :
MSVOA_N
ClientSampleId :
MH-121.5N-20230526

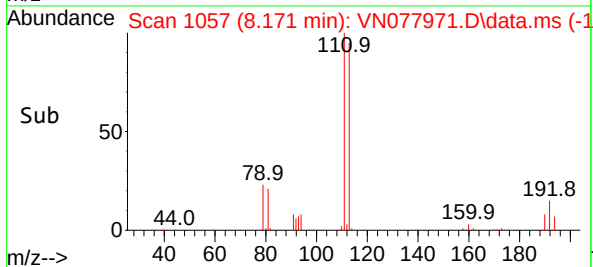
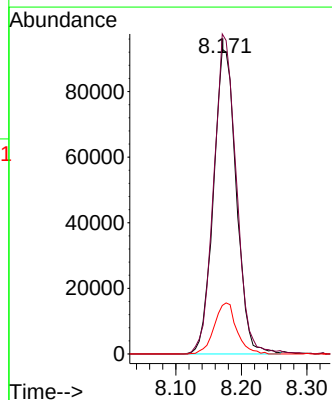
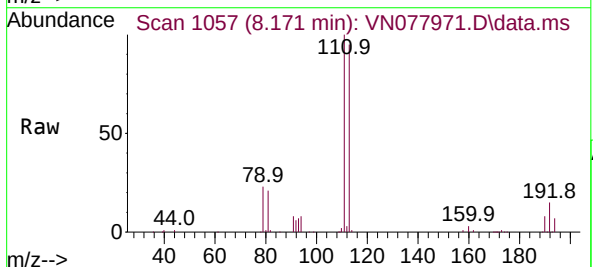


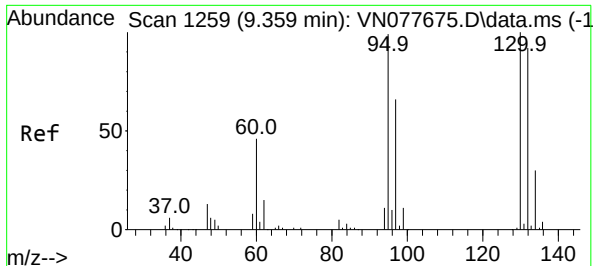
Tgt Ion:114 Resp: 684271
Ion Ratio Lower Upper
114 100
63 19.9 0.0 36.4
88 14.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.334 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN077971.D
Acq: 30 May 2023 15:51

Tgt Ion:113 Resp: 224592
Ion Ratio Lower Upper
113 100
111 103.8 82.6 123.8
192 16.4 12.7 19.1

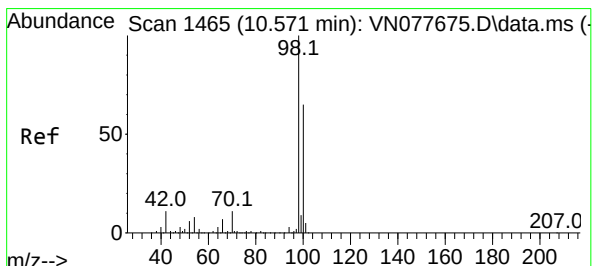
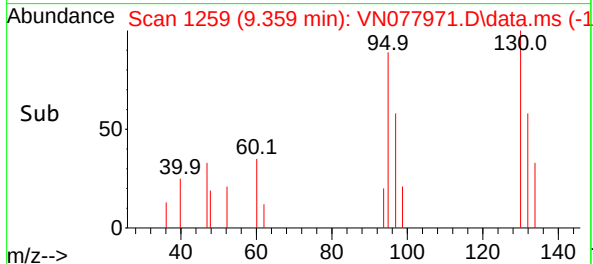
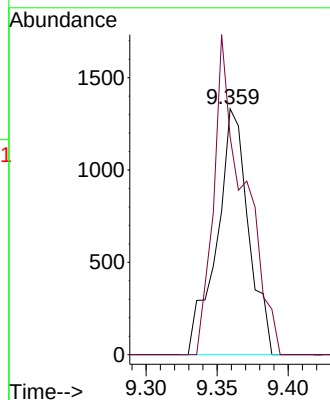
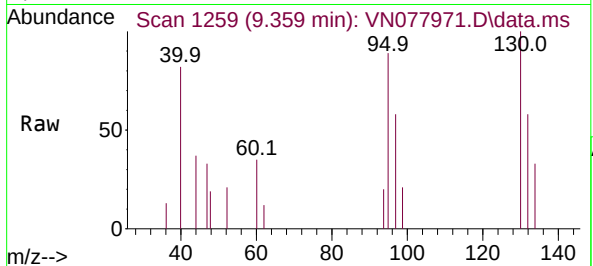




#44
Trichloroethene
Concen: 0.424 ug/l
RT: 9.359 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077971.D
Acq: 30 May 2023 15:51

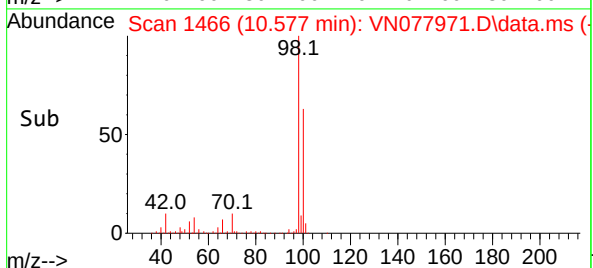
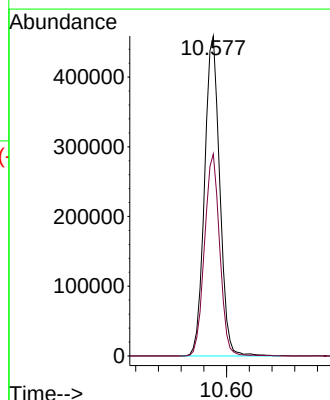
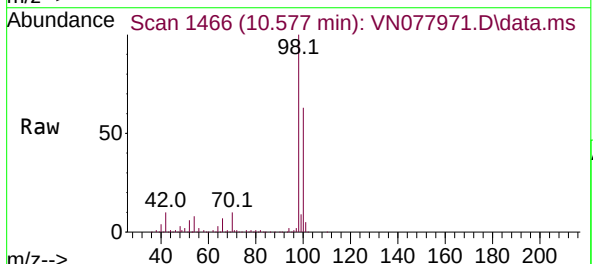
Instrument :
MSVOA_N
ClientSampleId :
MH-121.5N-20230526

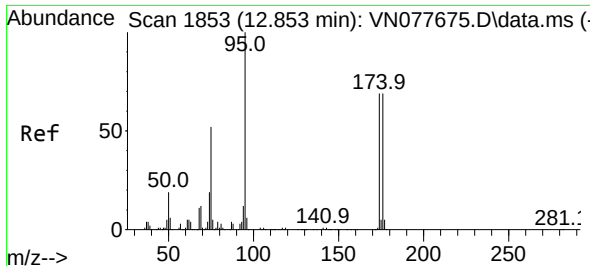
Tgt Ion:130 Resp: 2067
Ion Ratio Lower Upper
130 100
95 88.5 0.0 204.6



#50
Toluene-d8
Concen: 49.471 ug/l
RT: 10.577 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN077971.D
Acq: 30 May 2023 15:51

Tgt Ion: 98 Resp: 849645
Ion Ratio Lower Upper
98 100
100 63.2 52.0 78.0

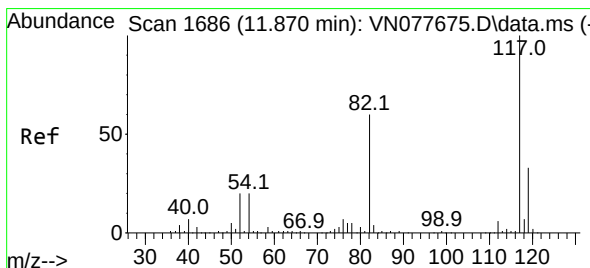
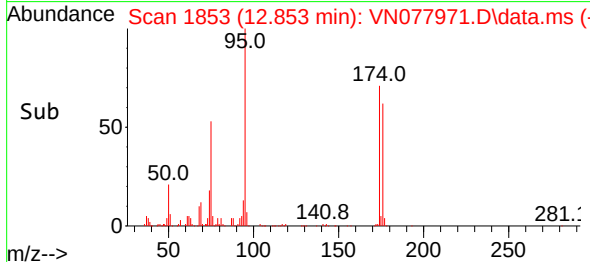
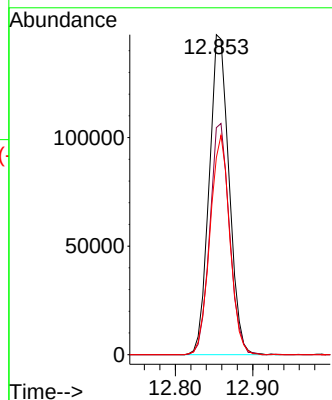
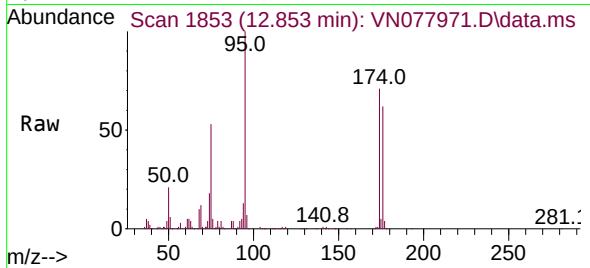




#62
4-Bromofluorobenzene
Concen: 43.250 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077971.D
Acq: 30 May 2023 15:51

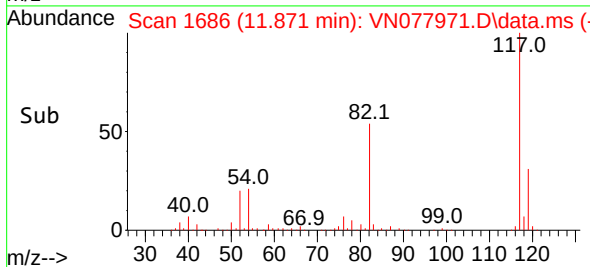
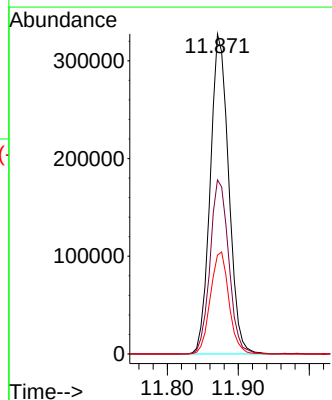
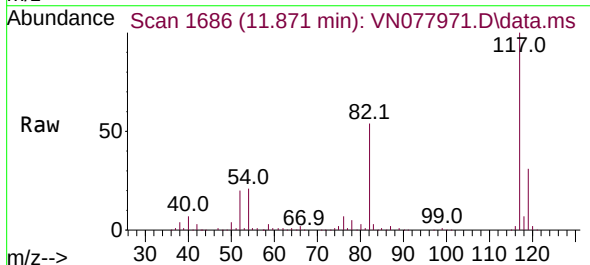
Instrument :
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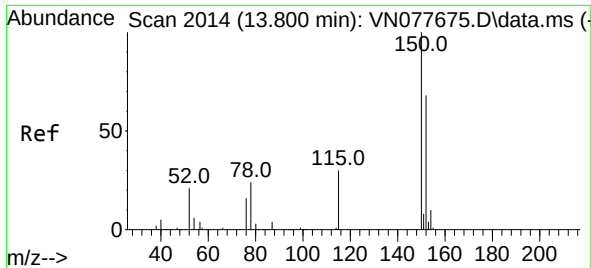
Tgt Ion: 95 Resp: 262345
Ion Ratio Lower Upper
95 100
174 71.6 0.0 143.8
176 68.3 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077971.D
Acq: 30 May 2023 15:51

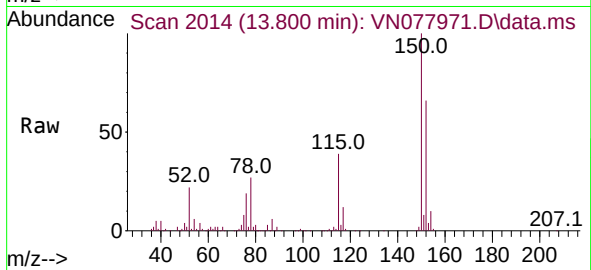
Tgt Ion: 117 Resp: 590166
Ion Ratio Lower Upper
117 100
82 54.4 44.0 66.0
119 30.9 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077971.D
 Acq: 30 May 2023 15:51

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-121.5N-20230526



Tgt Ion:152 Resp: 173040
 Ion Ratio Lower Upper
 152 100
 115 59.8 32.3 96.8
 150 153.8 0.0 355.8

