

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051723\
 Data File : VN077722.D
 Acq On : 17 May 2023 18:30
 Operator : JC\MD
 Sample : 02831-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MP-6D

Quant Time: May 18 01:40:43 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)

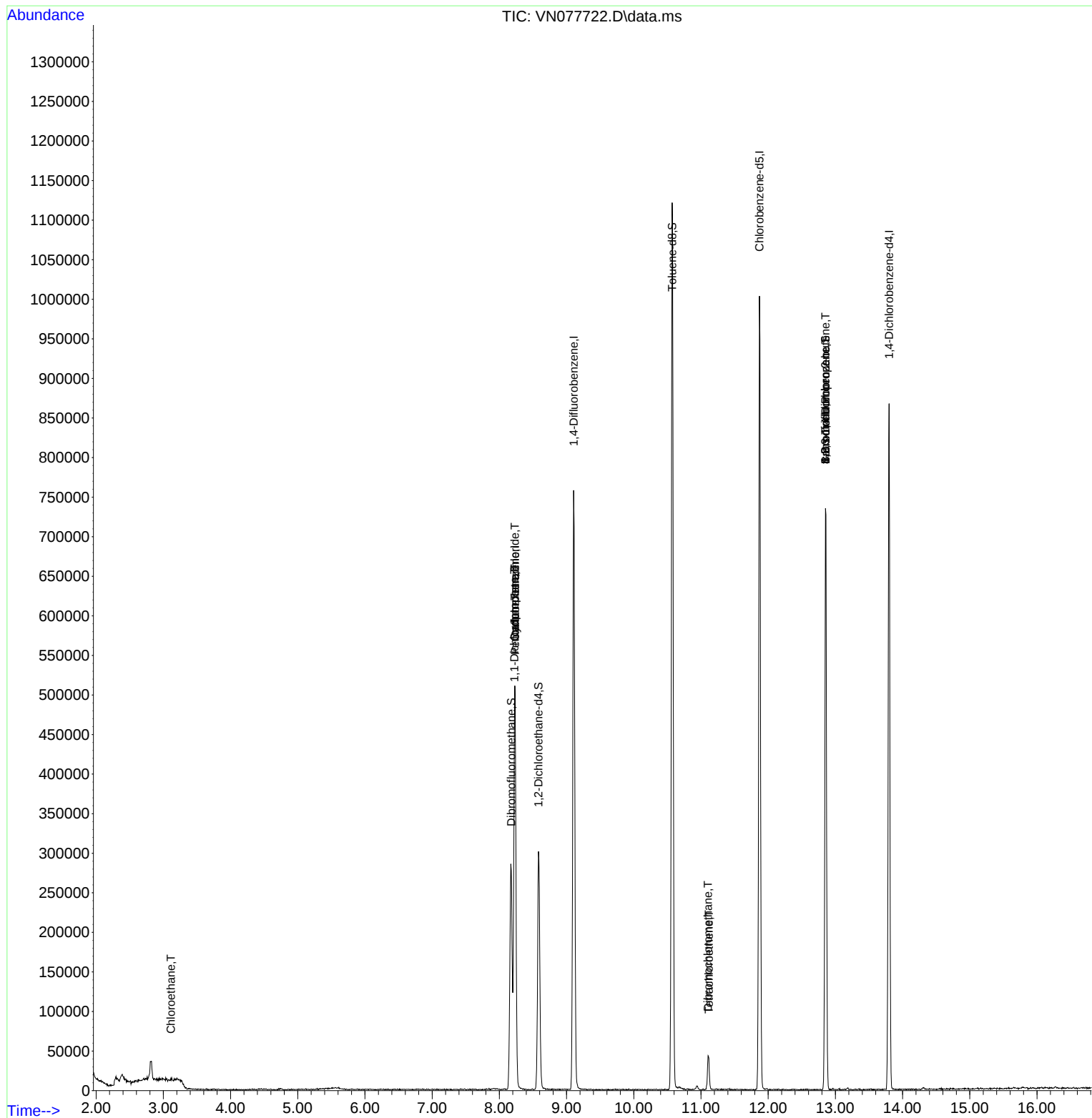
Internal Standards						
1) Pentafluorobenzene	8.235	168	362647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	658026	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	584535	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	227975	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	250753	46.212	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.420%
35) Dibromofluoromethane	8.177	113	208187	48.518	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.040%
50) Toluene-d8	10.571	98	815625	49.384	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.760%
62) 4-Bromofluorobenzene	12.853	95	265605	45.534	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.060%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	1725	Below Cal		89
6) Chloroethane	3.112	64	927	0.247 ug/l	#	43
20) Methylene Chloride	5.283	84	200	Below Cal	#	13
31) Cyclohexane	8.230	56	8748	1.186 ug/l	#	35
36) 1,1-Dichloropropene	8.224	75	34088	5.431 ug/l	#	48
38) Carbon Tetrachloride	8.230	117	40027	6.316 ug/l	#	17
60) Dibromochloromethane	11.106	129	10379	2.196 ug/l	#	11
64) Tetrachloroethene	11.118	164	9133	2.234 ug/l		91
71) Bromoform	12.853	173	1563	0.536 ug/l	#	1
76) 1,2,3-Trichloropropane	12.853	75	141365	24.760 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.853	75	141365	79.147 ug/l	#	15

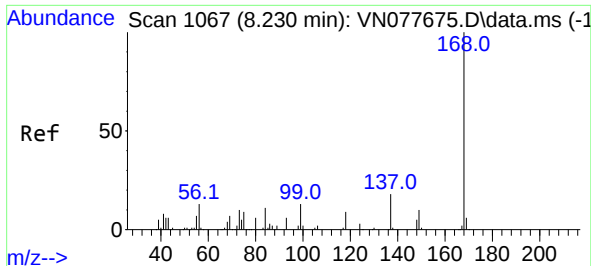
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
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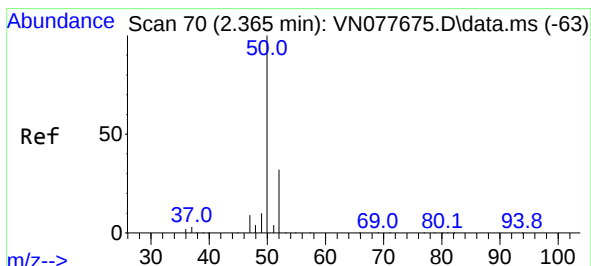
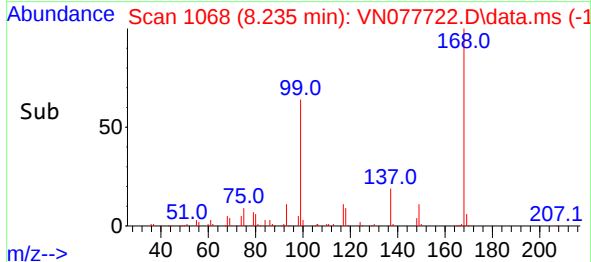
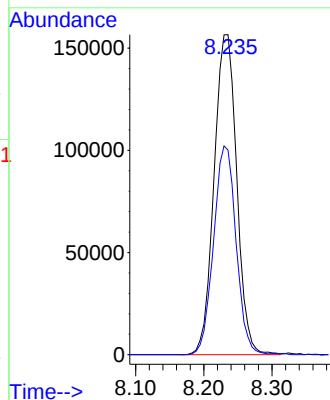
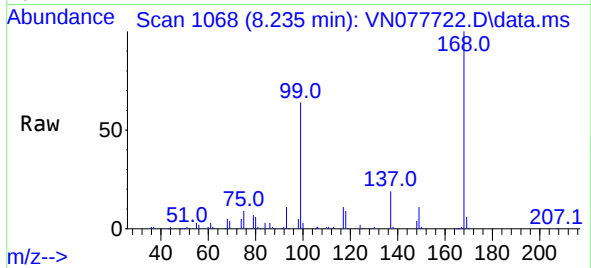




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN077722.D
Acq: 17 May 2023 18:30

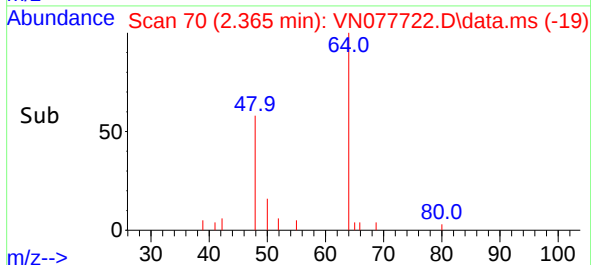
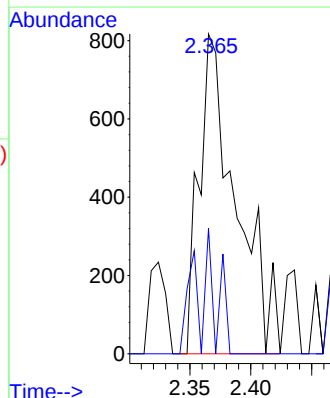
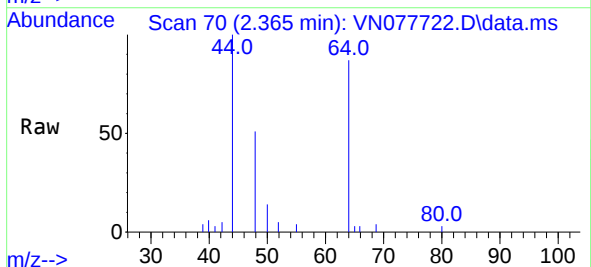
Instrument :
MSVOA_N
ClientSampleId :
MP-6D

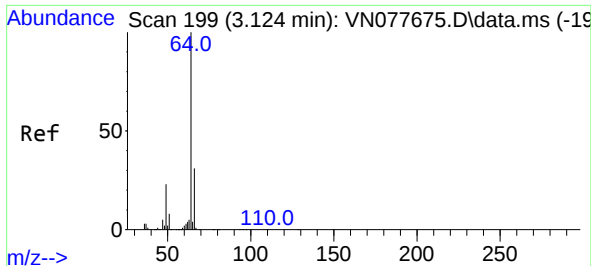
Tgt Ion:168 Resp: 362647
Ion Ratio Lower Upper
168 100
99 63.9 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN077722.D
Acq: 17 May 2023 18:30

Tgt Ion: 50 Resp: 1725
Ion Ratio Lower Upper
50 100
52 39.3 26.5 39.7

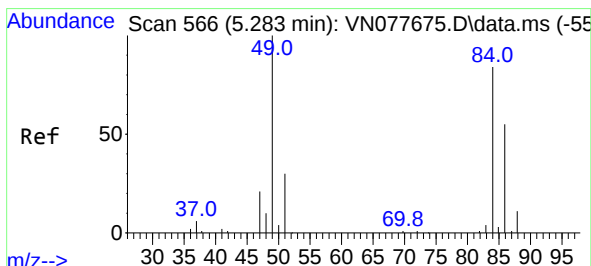
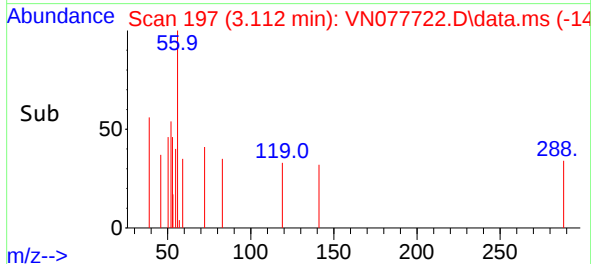
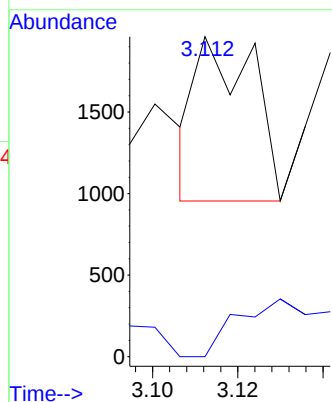
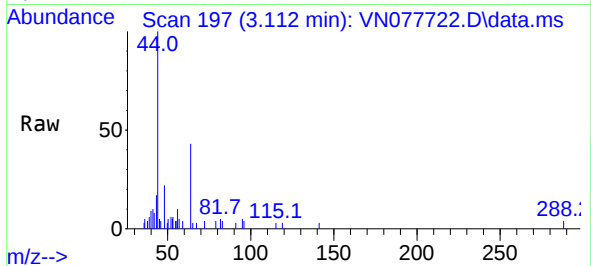




#6
Chloroethane
Concen: 0.247 ug/l
RT: 3.112 min Scan# 19
Delta R.T. -0.012 min
Lab File: VN077722.D
Acq: 17 May 2023 18:30

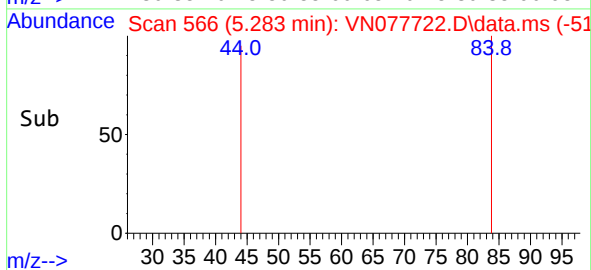
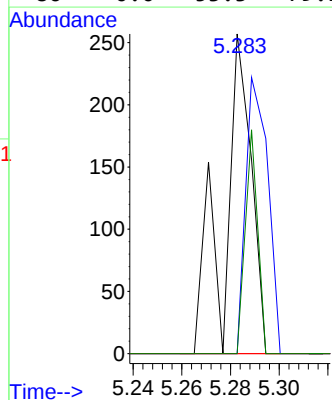
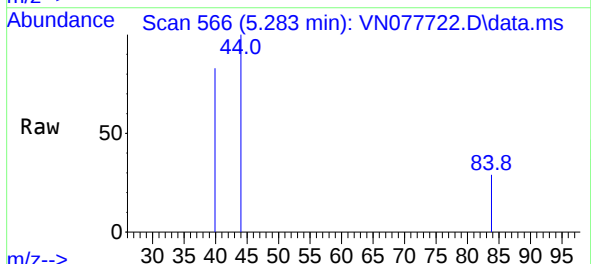
Instrument :
MSVOA_N
ClientSampleId :
MP-6D

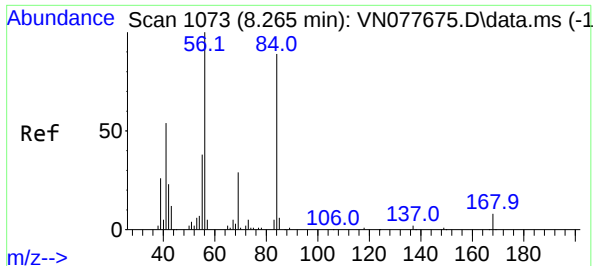
Tgt Ion: 64 Resp: 927
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN077722.D
Acq: 17 May 2023 18:30

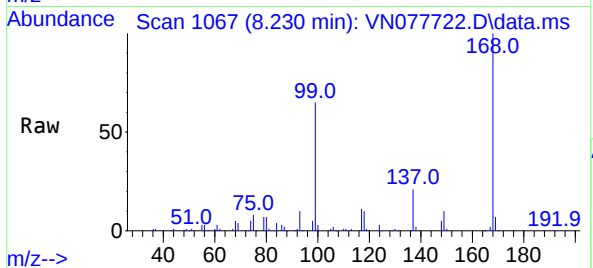
Tgt Ion: 84 Resp: 200
Ion Ratio Lower Upper
84 100
49 0.0 79.7 119.5#
51 0.0 25.2 37.8#
86 0.0 53.3 79.9#



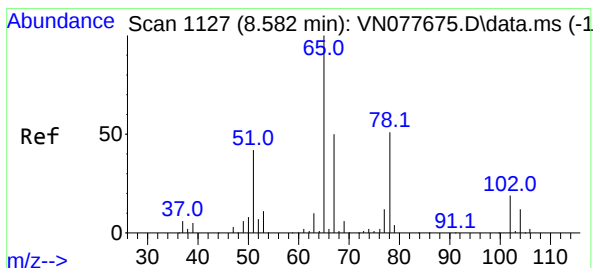
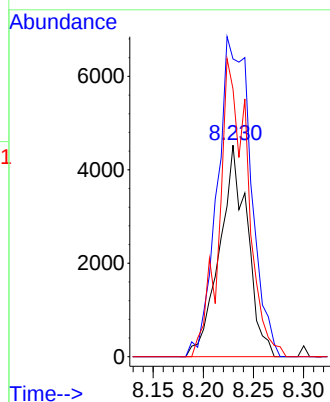
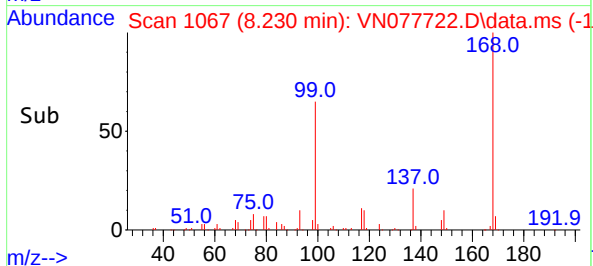


#31
Cyclohexane
Concen: 1.186 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN077722.D
Acq: 17 May 2023 18:30

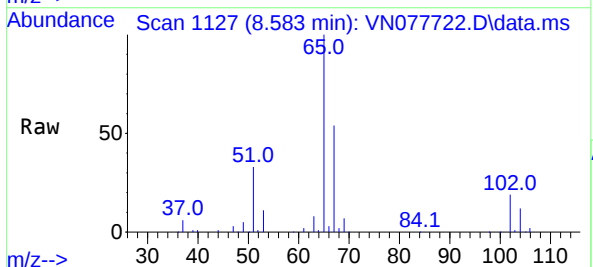
Instrument :
MSVOA_N
ClientSampleId :
MP-6D



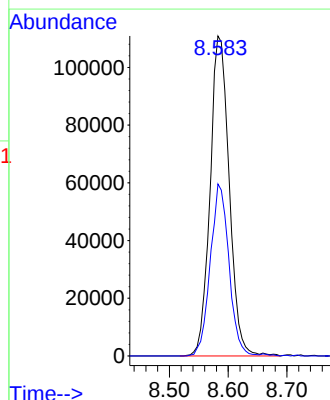
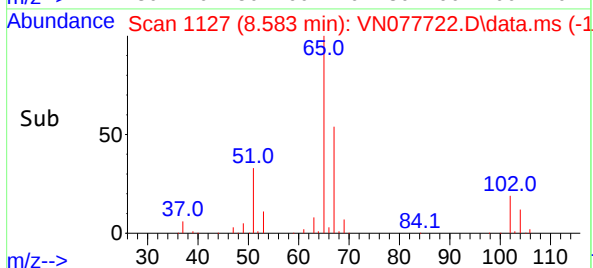
Tgt Ion: 56 Resp: 8748
Ion Ratio Lower Upper
56 100
69 140.8 26.8 40.2#
84 126.5 81.8 122.6#

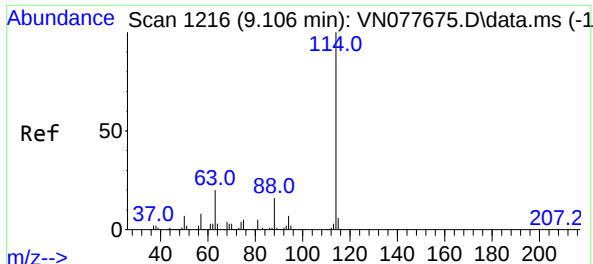


#33
1,2-Dichloroethane-d4
Concen: 46.212 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN077722.D
Acq: 17 May 2023 18:30



Tgt Ion: 65 Resp: 250753
Ion Ratio Lower Upper
65 100
67 52.3 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: VN077722.D

Acq: 17 May 2023 18:30

Instrument :

MSVOA_N

ClientSampleId :

MP-6D

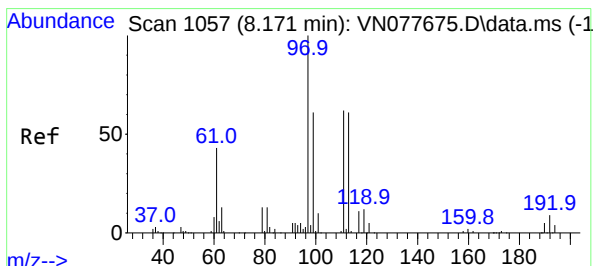
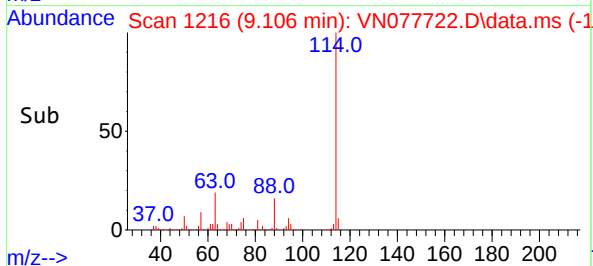
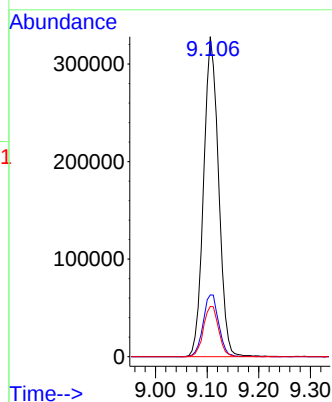
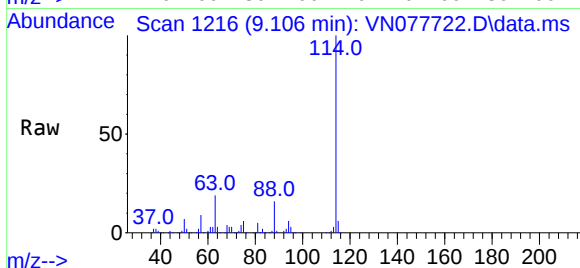
Tgt Ion:114 Resp: 658026

Ion Ratio Lower Upper

114 100

63 19.3 0.0 36.4

88 15.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.518 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077722.D

Acq: 17 May 2023 18:30

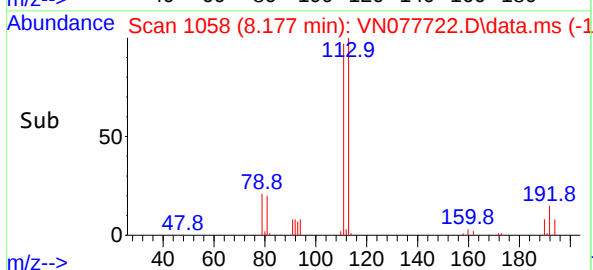
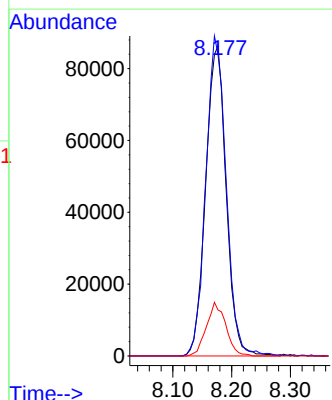
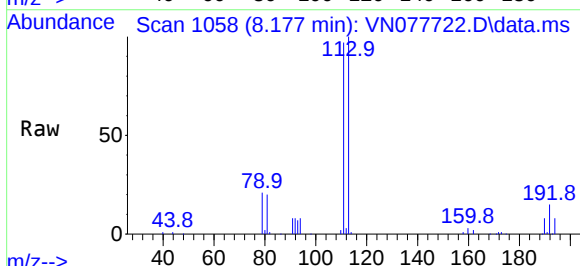
Tgt Ion:113 Resp: 208187

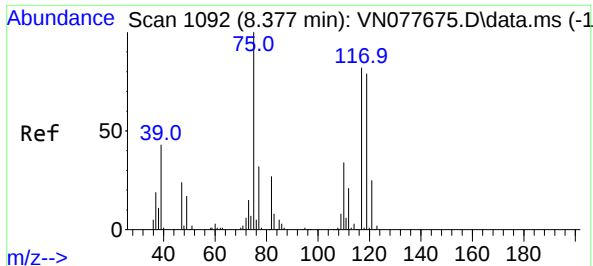
Ion Ratio Lower Upper

113 100

111 103.2 82.6 123.8

192 16.4 12.7 19.1

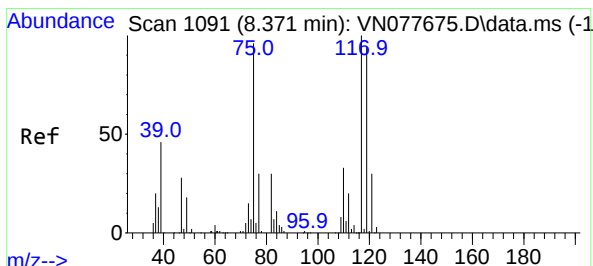
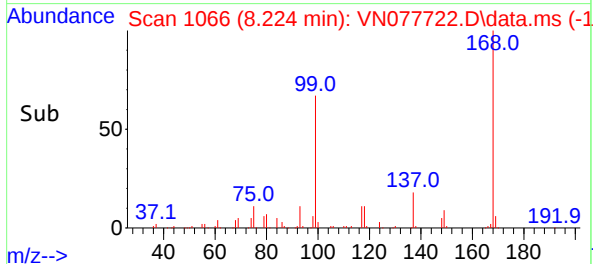
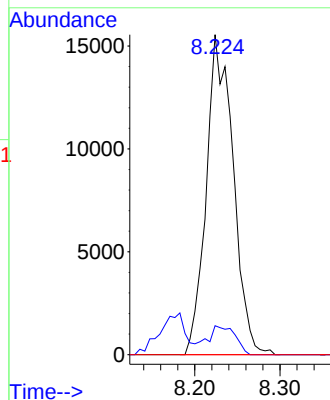
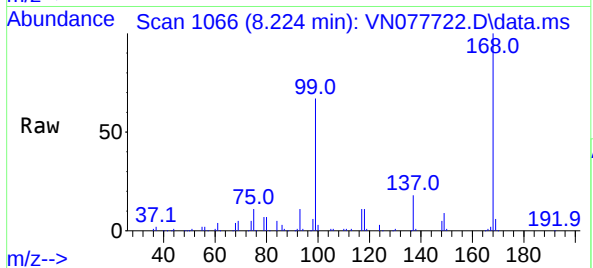




#36
1,1-Dichloropropene
Concen: 5.431 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN077722.D
Acq: 17 May 2023 18:30

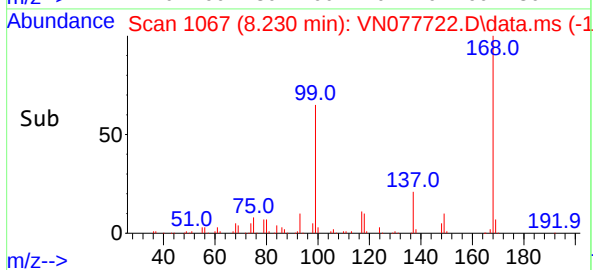
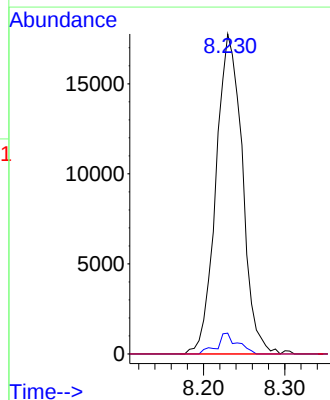
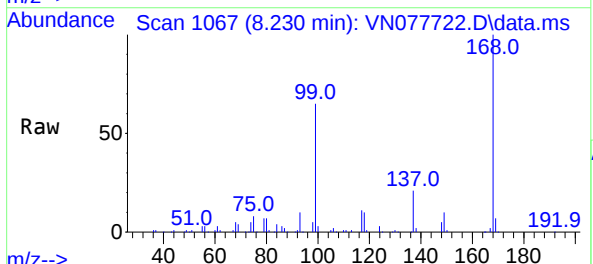
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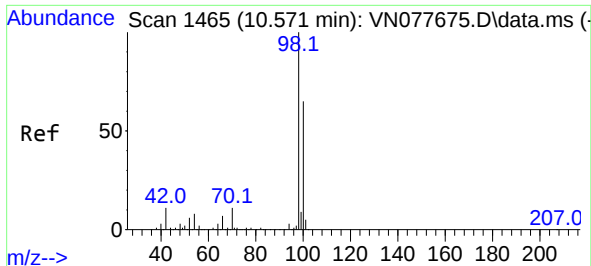
Tgt Ion: 75 Resp: 34088
Ion Ratio Lower Upper
75 100
110 9.3 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.316 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN077722.D
Acq: 17 May 2023 18:30

Tgt Ion: 117 Resp: 40027
Ion Ratio Lower Upper
117 100
119 6.5 77.3 115.9#
121 0.0 23.3 34.9#

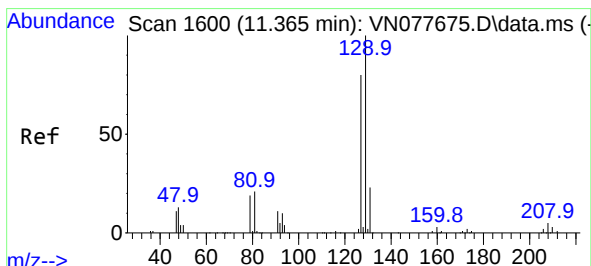
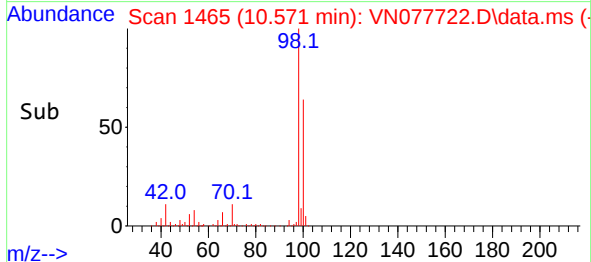
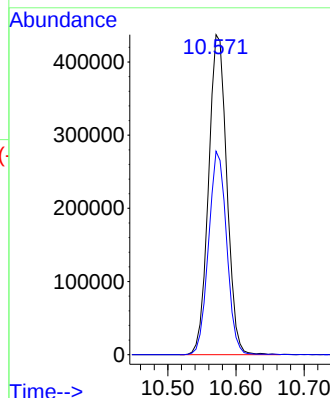
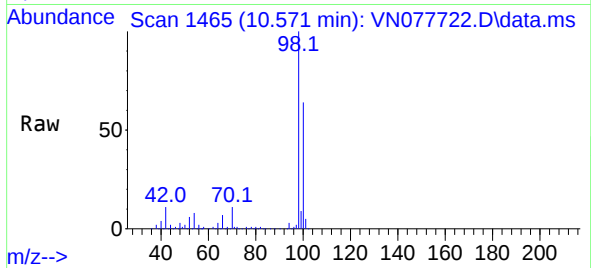




#50
Toluene-d8
Concen: 49.384 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077722.D
Acq: 17 May 2023 18:30

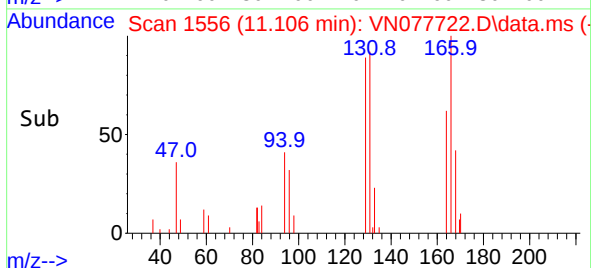
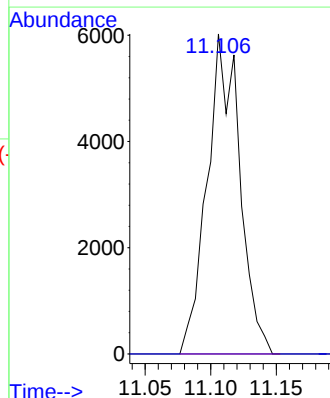
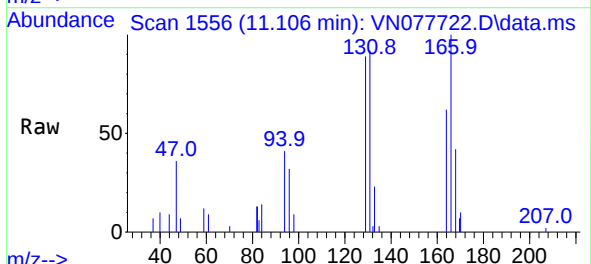
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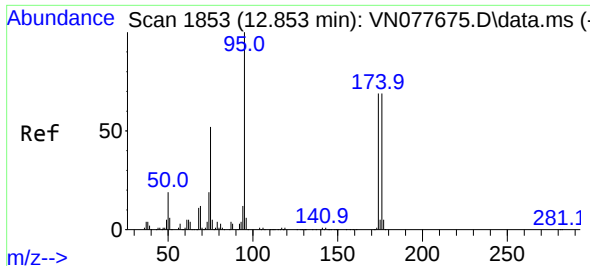
Tgt Ion: 98 Resp: 815625
Ion Ratio Lower Upper
98 100
100 62.8 52.0 78.0



#60
Dibromochloromethane
Concen: 2.196 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.259 min
Lab File: VN077722.D
Acq: 17 May 2023 18:30

Tgt Ion:129 Resp: 10379
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#

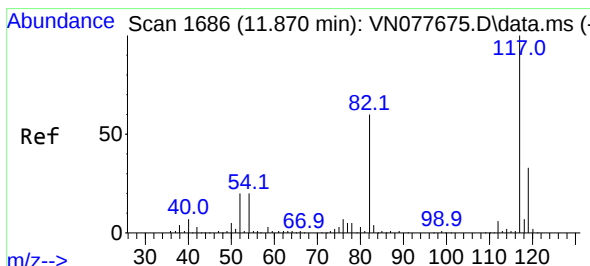
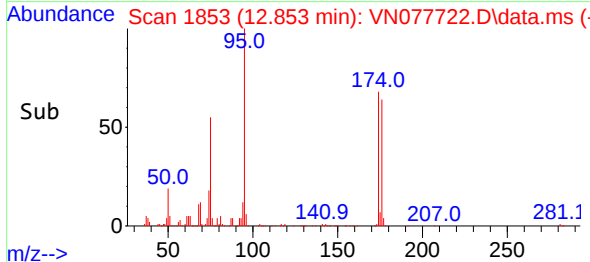
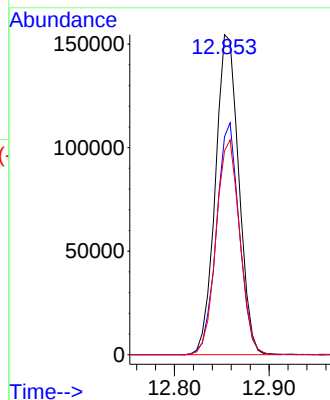
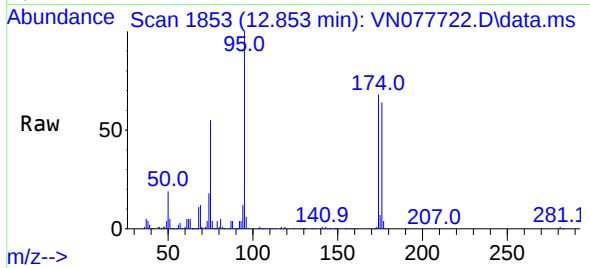




#62
4-Bromofluorobenzene
Concen: 45.534 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077722.D
Acq: 17 May 2023 18:30

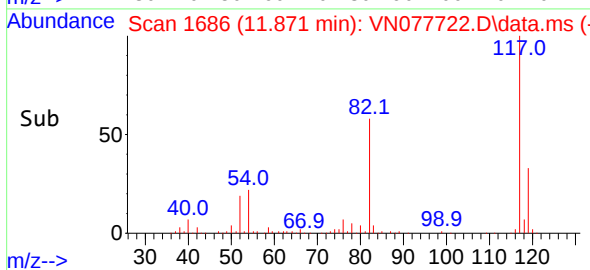
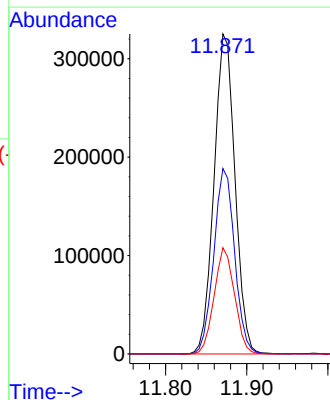
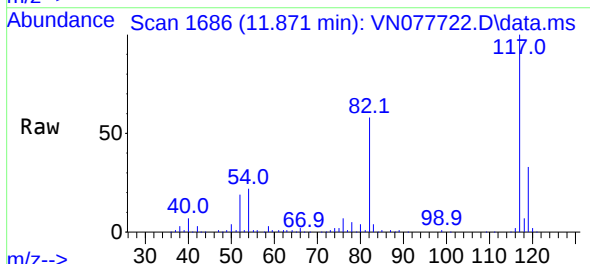
Instrument :
MSVOA_N
ClientSampleId :
MP-6D

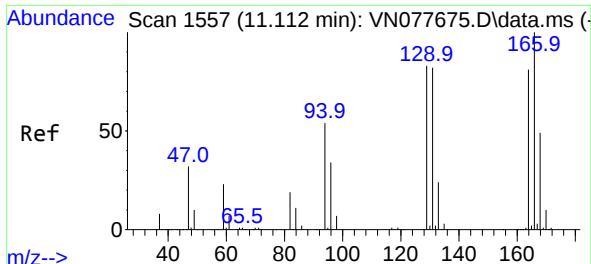
Tgt Ion: 95 Resp: 265605
Ion Ratio Lower Upper
95 100
174 70.6 0.0 143.8
176 68.0 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077722.D
Acq: 17 May 2023 18:30

Tgt Ion: 117 Resp: 584535
Ion Ratio Lower Upper
117 100
82 57.9 44.0 66.0
119 33.2 25.6 38.4

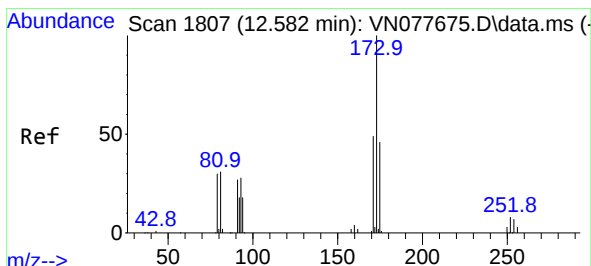
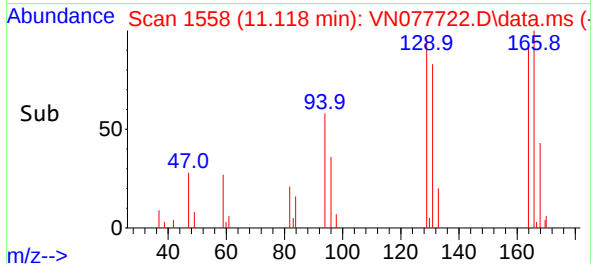
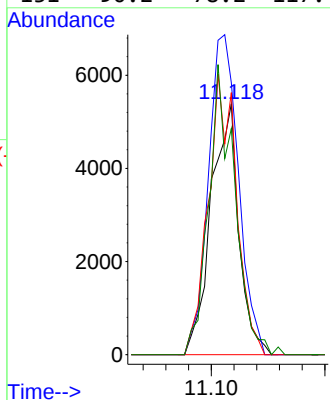
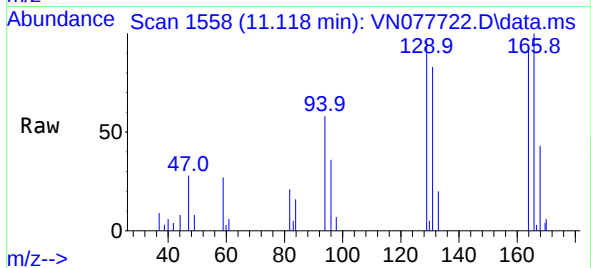




#64
Tetrachloroethene
Concen: 2.234 ug/l
RT: 11.118 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077722.D
Acq: 17 May 2023 18:30

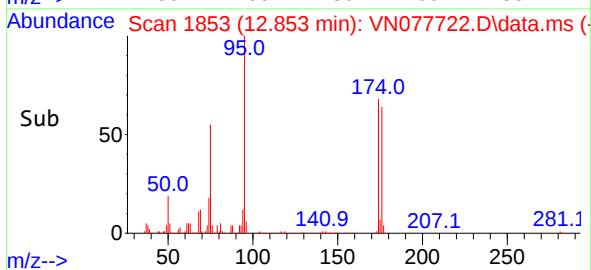
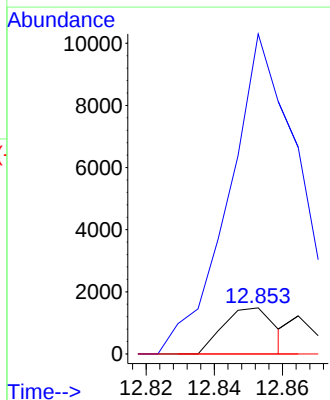
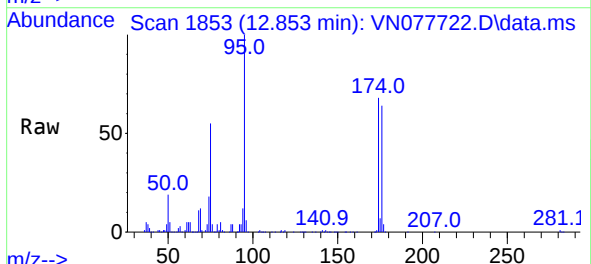
Instrument :
MSVOA_N
ClientSampleId :
MP-6D

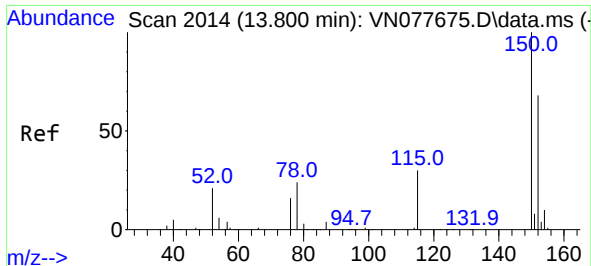
Tgt Ion:164 Resp: 9133
Ion Ratio Lower Upper
164 100
166 108.5 101.4 152.0
129 104.6 82.4 123.6
131 90.2 78.2 117.4



#71
Bromoform
Concen: 0.536 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.271 min
Lab File: VN077722.D
Acq: 17 May 2023 18:30

Tgt Ion:173 Resp: 1563
Ion Ratio Lower Upper
173 100
175 698.4 24.3 73.0#
254 0.0 0.0 0.0

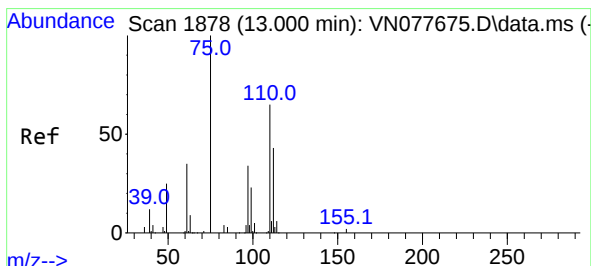
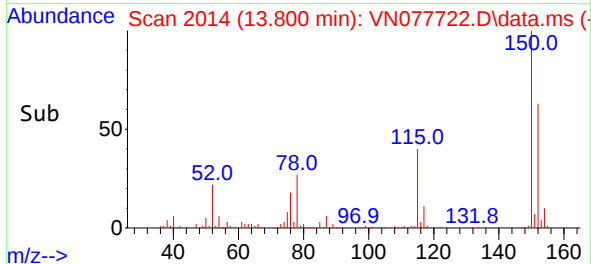
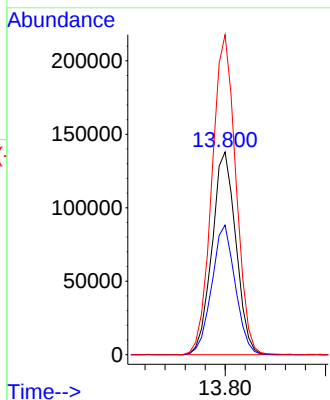
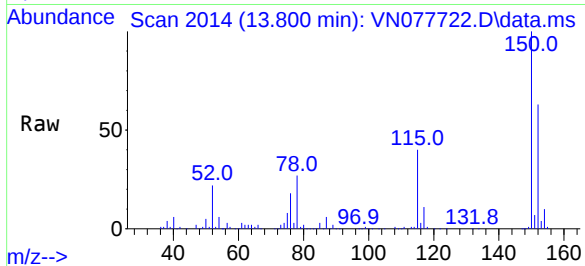




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077722.D
 Acq: 17 May 2023 18:30

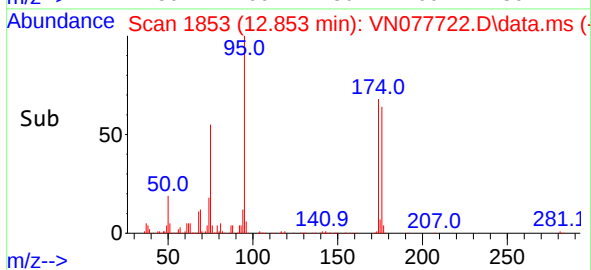
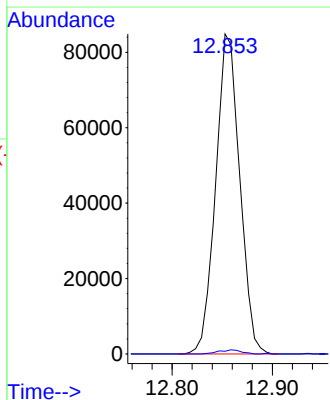
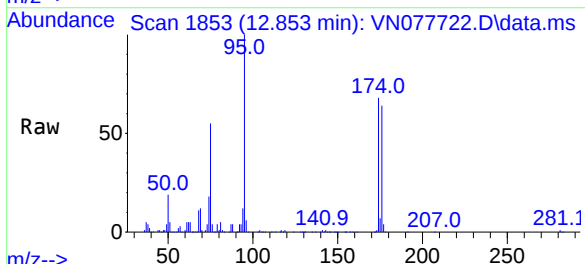
Instrument :
 MSVOA_N
 ClientSampleId :
 MP-6D

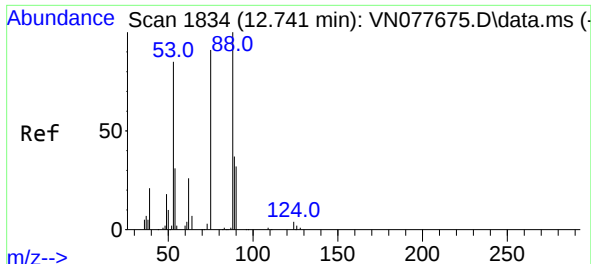
Tgt Ion:152 Resp: 227975
 Ion Ratio Lower Upper
 152 100
 115 63.1 32.3 96.8
 150 158.3 0.0 355.8



#76
 1,2,3-Trichloropropane
 Concen: 24.760 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.147 min
 Lab File: VN077722.D
 Acq: 17 May 2023 18:30

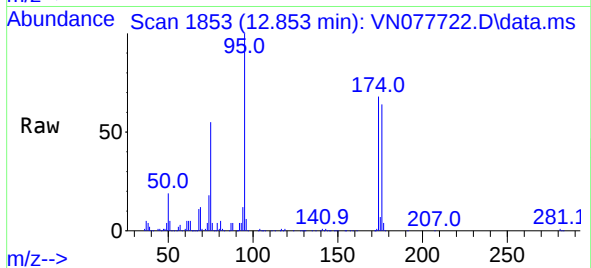
Tgt Ion: 75 Resp: 141365
 Ion Ratio Lower Upper
 75 100
 77 1.2 84.5 253.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 79.147 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN077722.D
Acq: 17 May 2023 18:30

Instrument :
MSVOA_N
ClientSampleId :
MP-6D



Tgt Ion: 75 Resp: 141365
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#

