

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052223\
 Data File : VN077793.D
 Acq On : 22 May 2023 16:41
 Operator : JC\MD
 Sample : 02880-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW8-MW01D2-20230518

Quant Time: May 23 04:20:32 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)

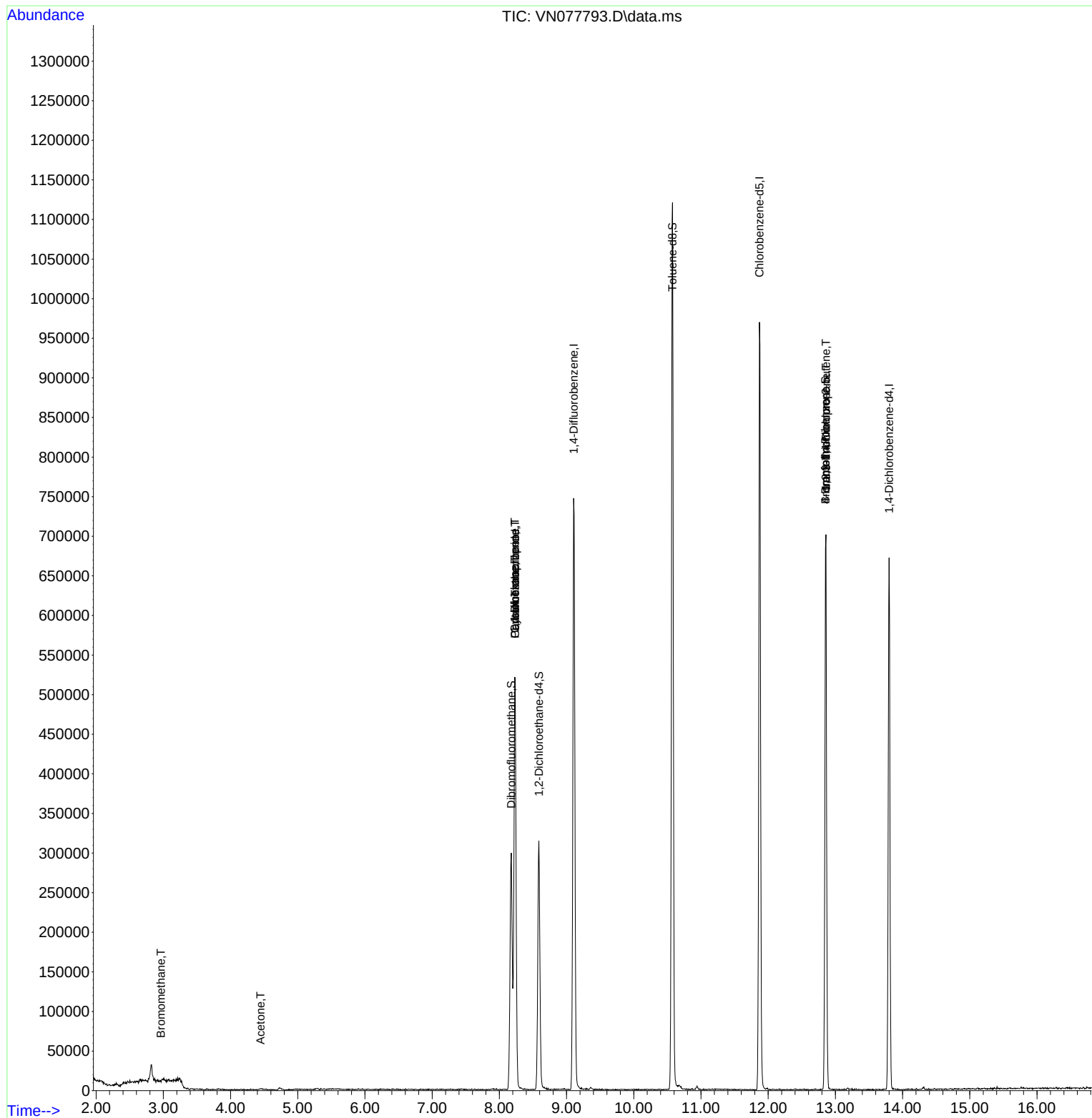
Internal Standards						
1) Pentafluorobenzene	8.235	168	375485	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	665281	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	580306	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	182129	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	250024	44.502	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.000%		
35) Dibromofluoromethane	8.177	113	213406	49.192	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.380%		
50) Toluene-d8	10.576	98	818343	49.008	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.020%		
62) 4-Bromofluorobenzene	12.853	95	254789	43.203	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.400%		
Target Compounds						
3) Chloromethane	2.371	50	1059	Below Cal	Qvalue	92
5) Bromomethane	2.965	94	2032	0.510 ug/l #		34
13) Acrolein	4.200	56	229	Below Cal #		82
16) Acetone	4.447	43	2237	1.266 ug/l		96
20) Methylene Chloride	5.271	84	419	Below Cal #		60
31) Cyclohexane	8.230	56	8613	1.128 ug/l #		1
36) 1,1-Dichloropropene	8.230	75	31150	4.909 ug/l #		48
38) Carbon Tetrachloride	8.235	117	39622	6.184 ug/l #		16
71) Bromoform	12.853	173	1369	0.473 ug/l #		28
76) 1,2,3-Trichloropropane	12.859	75	134142	29.410 ug/l #		1
81) trans-1,4-Dichloro-2-b...	12.859	75	134142	94.008 ug/l #		15

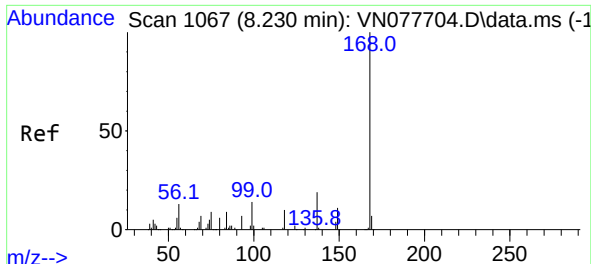
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

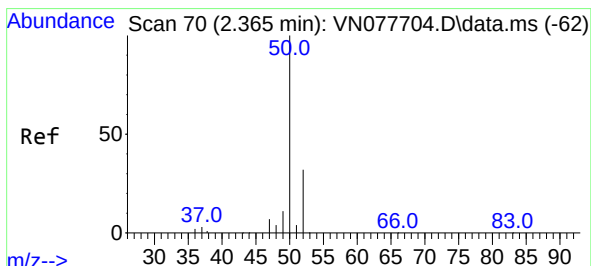
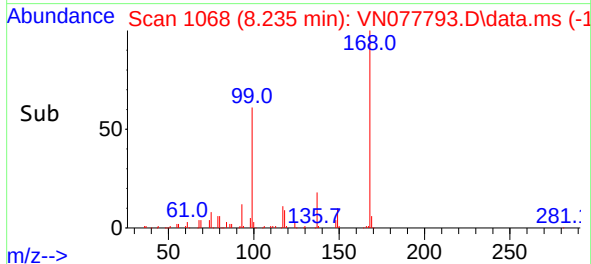
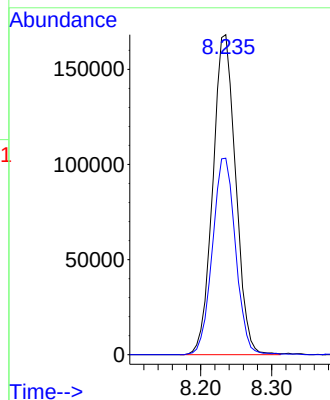
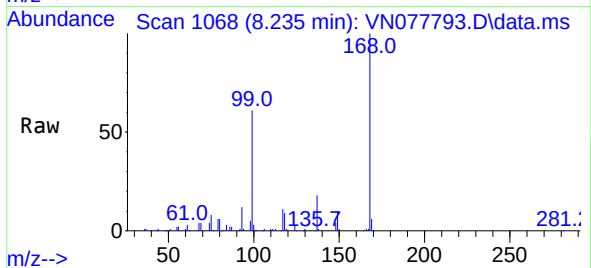




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN077793.D
Acq: 22 May 2023 16:41

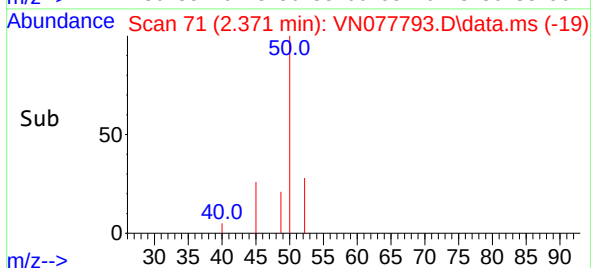
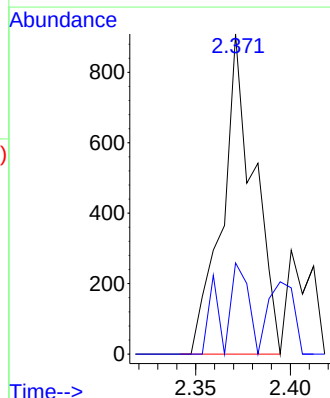
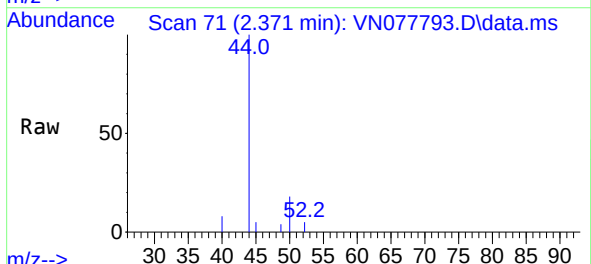
Instrument :
MSVOA_N
ClientSampleId :
RW8-MW01D2-20230518

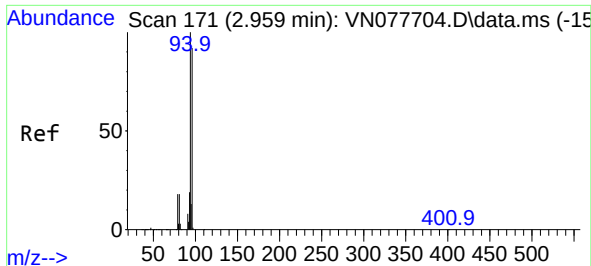
Tgt Ion:168 Resp: 375485
Ion Ratio Lower Upper
168 100
99 61.4 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077793.D
Acq: 22 May 2023 16:41

Tgt Ion: 50 Resp: 1059
Ion Ratio Lower Upper
50 100
52 28.5 26.5 39.7

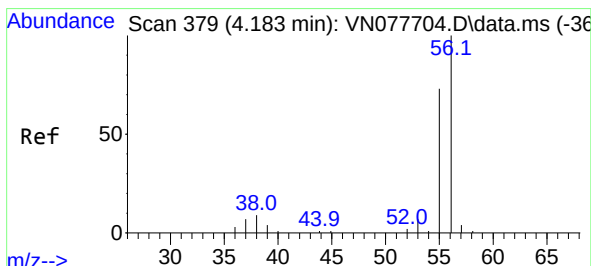
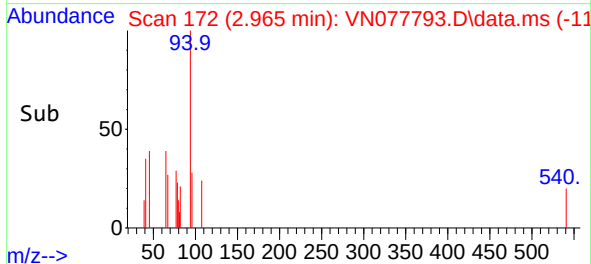
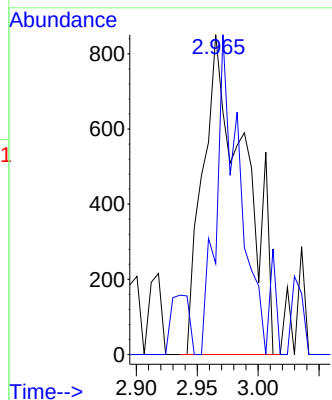
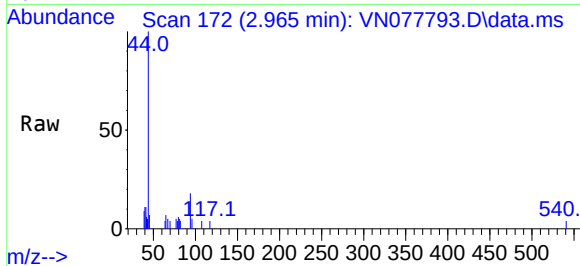




#5
Bromomethane
Concen: 0.510 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN077793.D
Acq: 22 May 2023 16:41

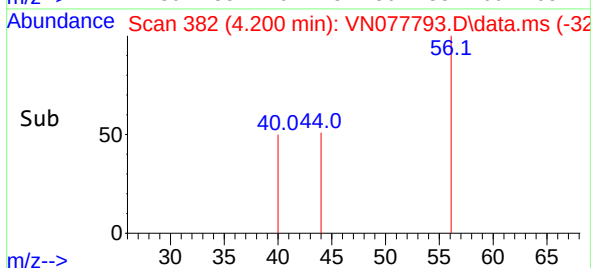
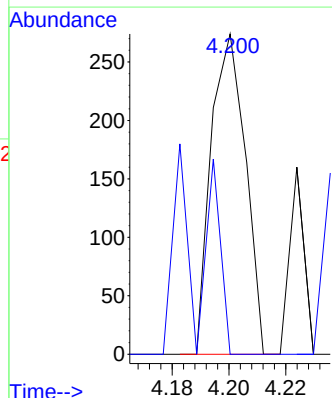
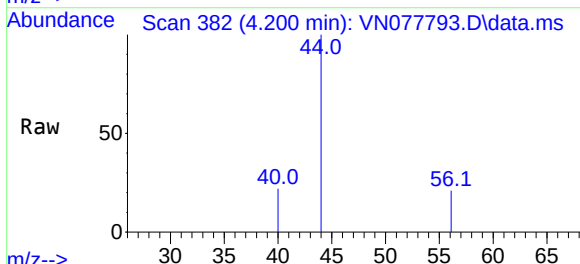
Instrument :
MSVOA_N
ClientSampleId :
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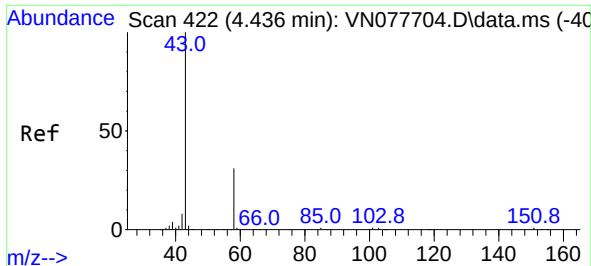
Tgt Ion: 94 Resp: 2032
Ion Ratio Lower Upper
94 100
96 28.4 73.1 109.7#



#13
Acrolein
Concen: Below Cal
RT: 4.200 min Scan# 382
Delta R.T. 0.011 min
Lab File: VN077793.D
Acq: 22 May 2023 16:41

Tgt Ion: 56 Resp: 229
Ion Ratio Lower Upper
56 100
55 53.3 54.5 81.7#

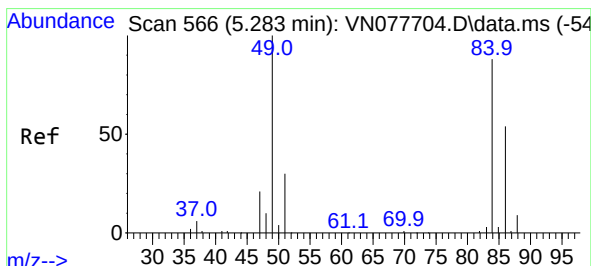
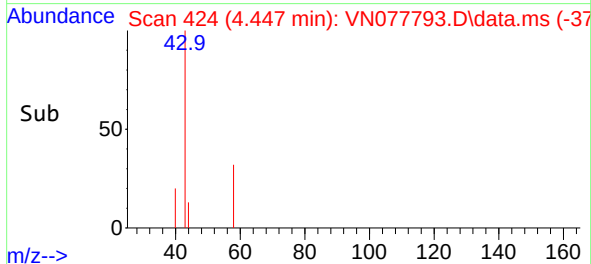
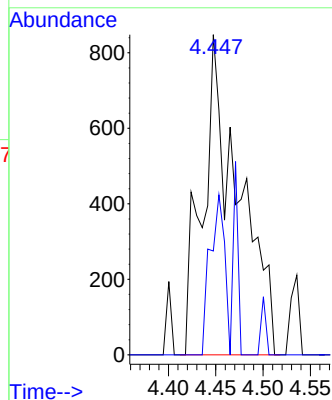
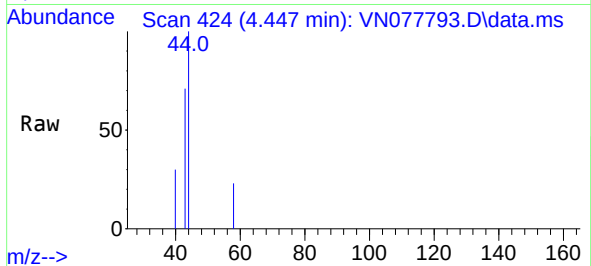




#16
Acetone
Concen: 1.266 ug/l
RT: 4.447 min Scan# 41
Delta R.T. 0.017 min
Lab File: VN077793.D
Acq: 22 May 2023 16:41

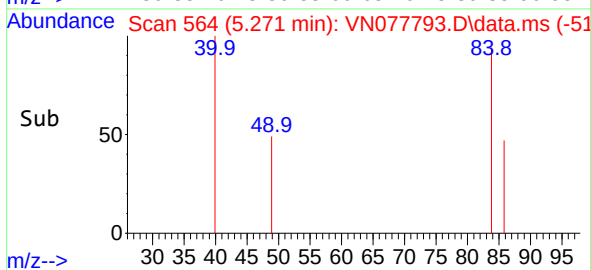
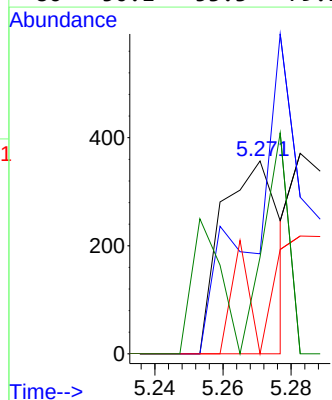
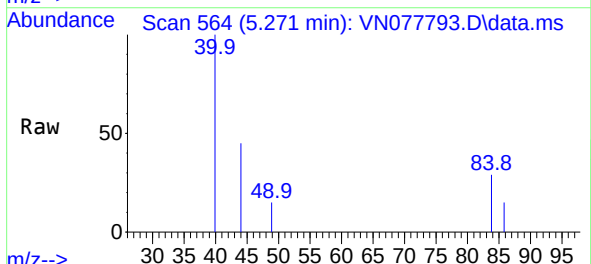
Instrument :
MSVOA_N
ClientSampleId :
RW8-MW01D2-20230518

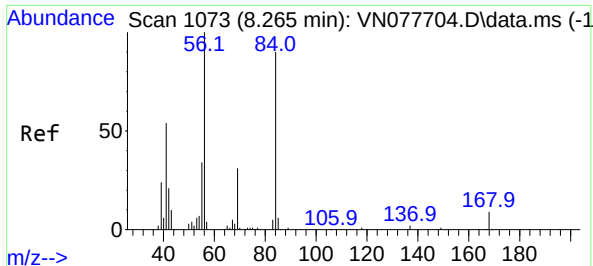
Tgt Ion: 43 Resp: 2237
Ion Ratio Lower Upper
43 100
58 32.4 28.0 42.0



#20
Methylene Chloride
Concen: Below Cal
RT: 5.271 min Scan# 564
Delta R.T. -0.012 min
Lab File: VN077793.D
Acq: 22 May 2023 16:41

Tgt Ion: 84 Resp: 419
Ion Ratio Lower Upper
84 100
49 51.8 79.7 119.5#
51 0.0 25.2 37.8#
86 50.1 53.3 79.9#

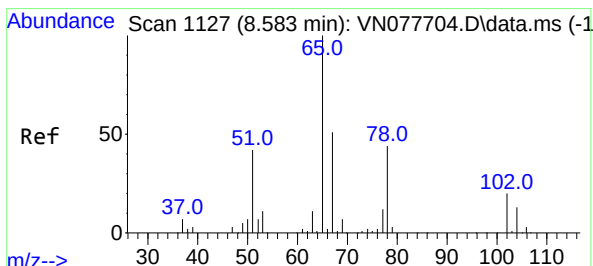
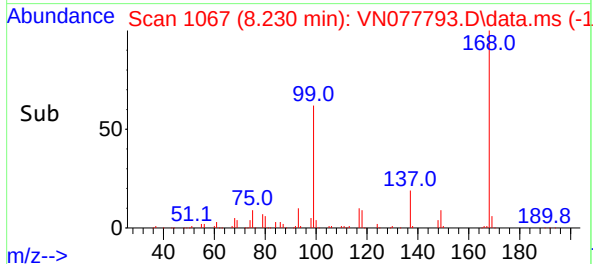
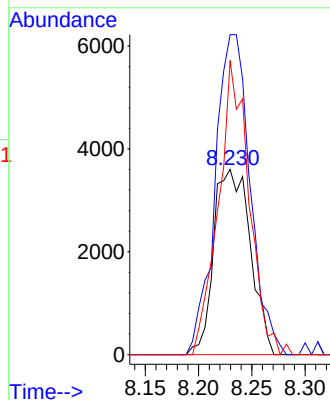
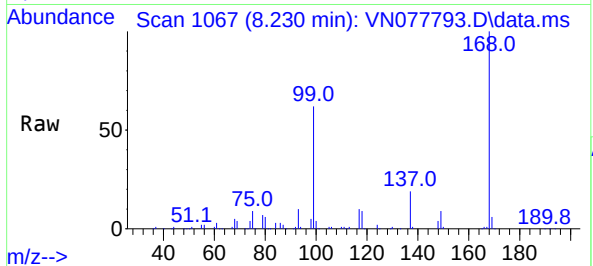




#31
Cyclohexane
Concen: 1.128 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN077793.D
Acq: 22 May 2023 16:41

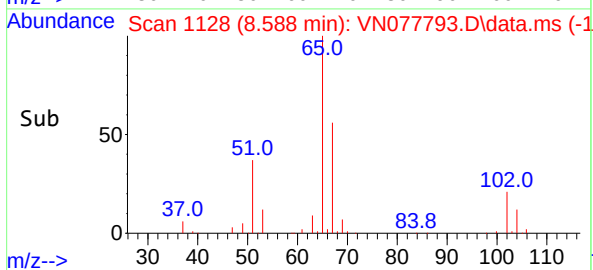
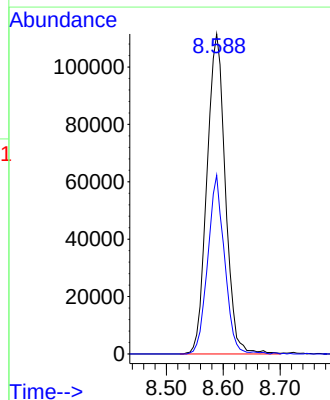
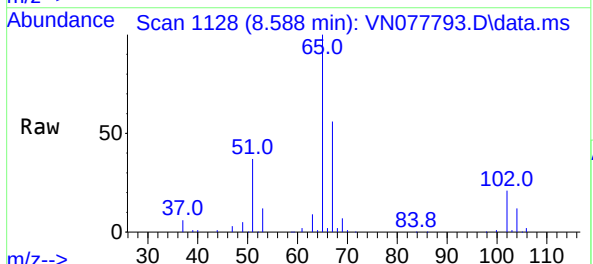
Instrument :
MSVOA_N
ClientSampleId :
RW8-MW01D2-20230518

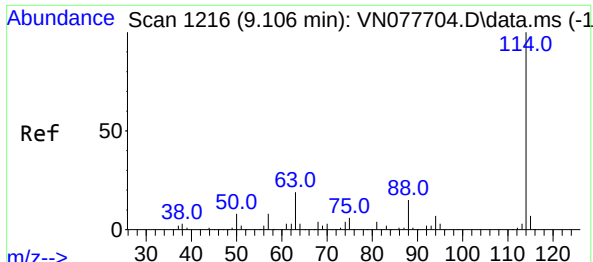
Tgt Ion: 56 Resp: 8613
Ion Ratio Lower Upper
56 100
69 172.8 26.8 40.2#
84 158.8 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 44.502 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077793.D
Acq: 22 May 2023 16:41

Tgt Ion: 65 Resp: 250024
Ion Ratio Lower Upper
65 100
67 50.7 0.0 106.6

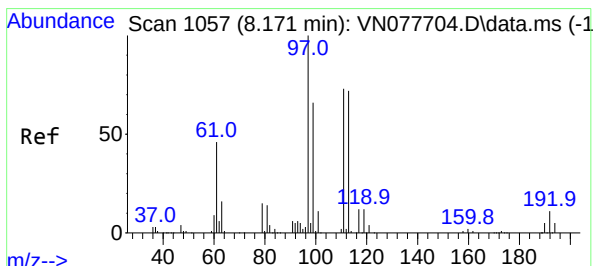
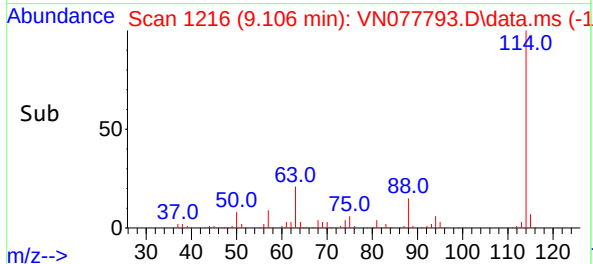
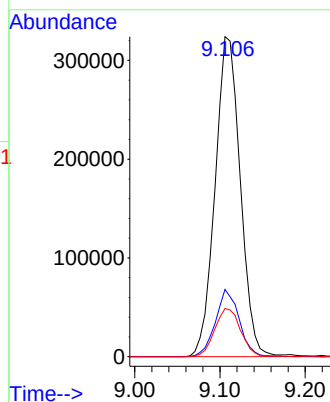
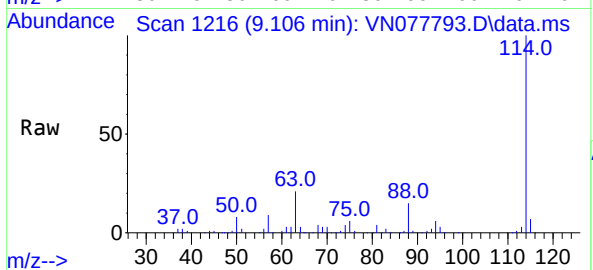




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077793.D
Acq: 22 May 2023 16:41

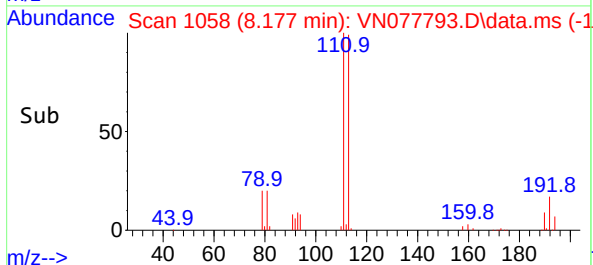
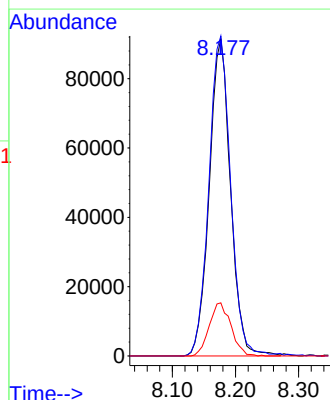
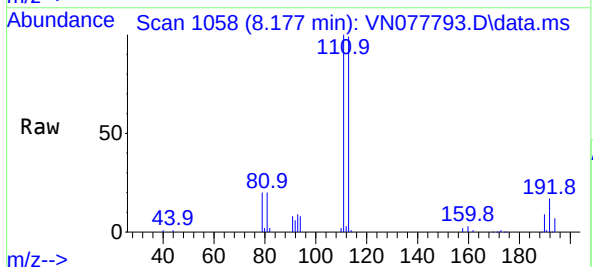
Instrument :
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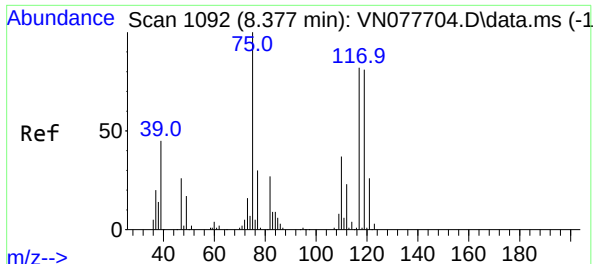
Tgt Ion:114 Resp: 665281
Ion Ratio Lower Upper
114 100
63 21.0 0.0 36.4
88 15.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.192 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077793.D
Acq: 22 May 2023 16:41

Tgt Ion:113 Resp: 213406
Ion Ratio Lower Upper
113 100
111 103.1 82.6 123.8
192 17.2 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.909 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.147 min

Lab File: VN077793.D

Acq: 22 May 2023 16:41

Instrument :

MSVOA_N

ClientSampleId :

RW8-MW01D2-20230518

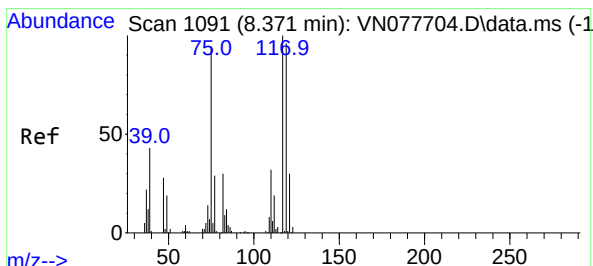
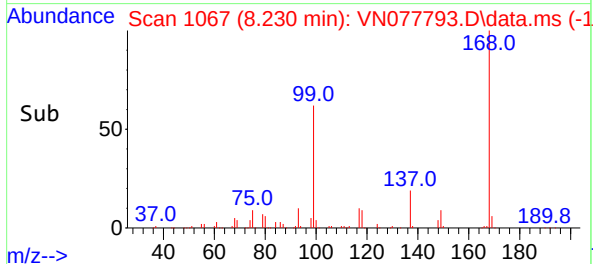
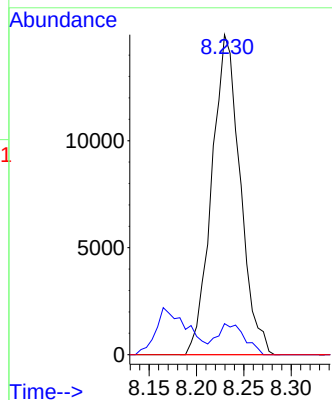
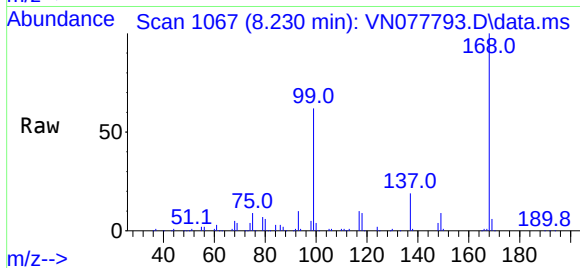
Tgt Ion: 75 Resp: 31150

Ion Ratio Lower Upper

75 100

110 9.3 19.1 57.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.184 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.136 min

Lab File: VN077793.D

Acq: 22 May 2023 16:41

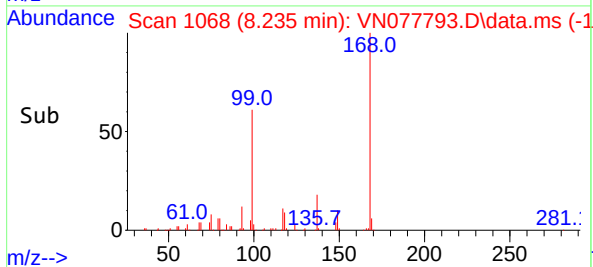
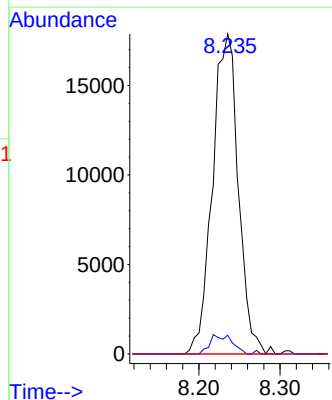
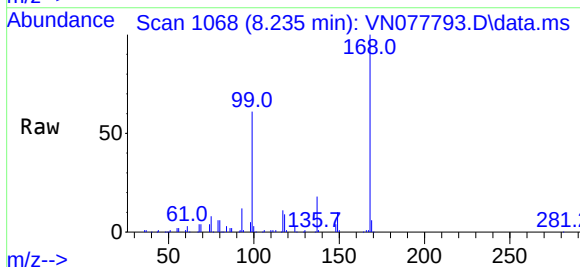
Tgt Ion: 117 Resp: 39622

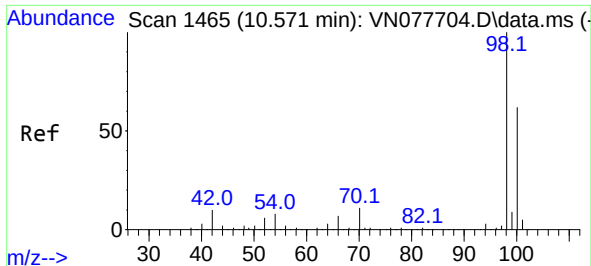
Ion Ratio Lower Upper

117 100

119 5.9 77.3 115.9#

121 0.0 23.3 34.9#

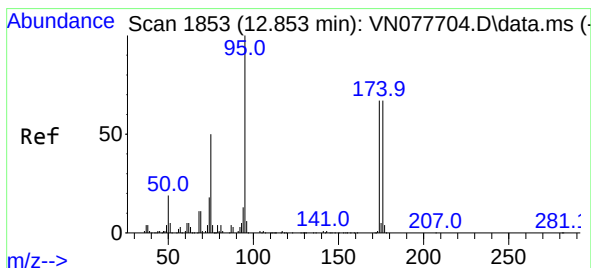
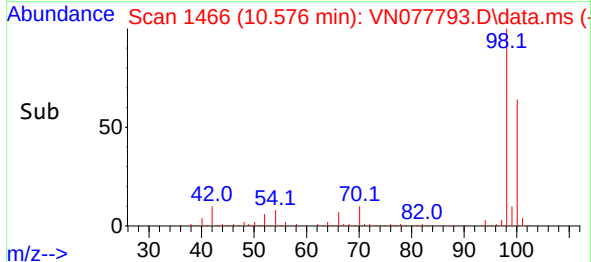
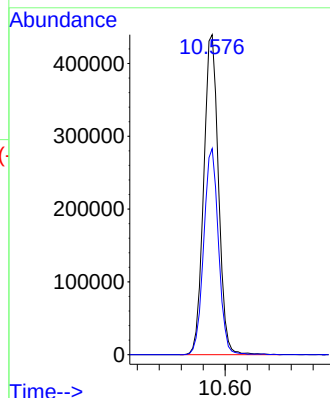
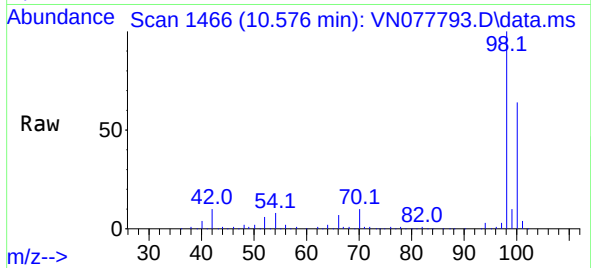




#50
Toluene-d8
Concen: 49.008 ug/l
RT: 10.576 min Scan# 1465
Delta R.T. 0.005 min
Lab File: VN077793.D
Acq: 22 May 2023 16:41

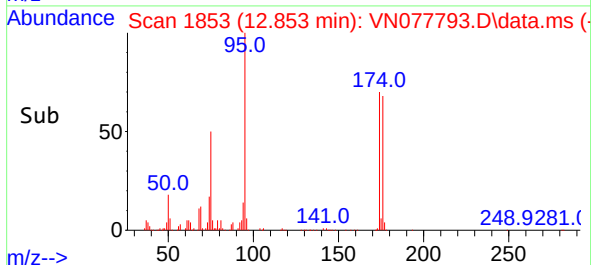
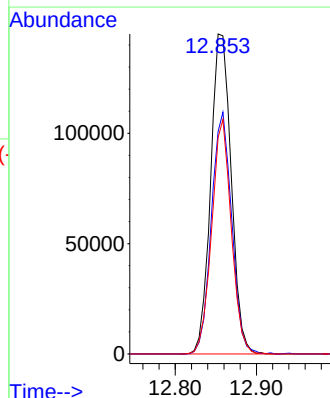
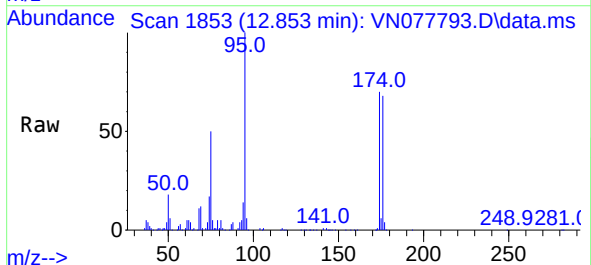
Instrument :
MSVOA_N
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RW8-MW01D2-20230518

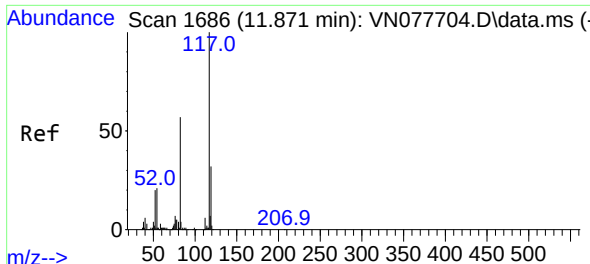
Tgt Ion: 98 Resp: 818343
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.203 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077793.D
Acq: 22 May 2023 16:41

Tgt Ion: 95 Resp: 254789
Ion Ratio Lower Upper
95 100
174 74.4 0.0 143.8
176 69.9 0.0 135.8

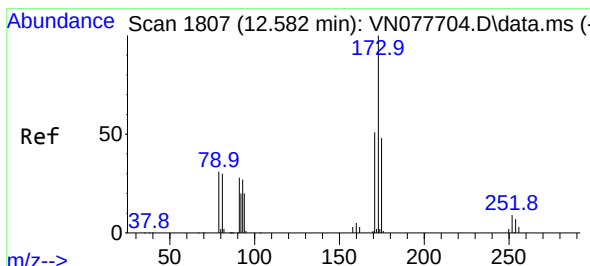
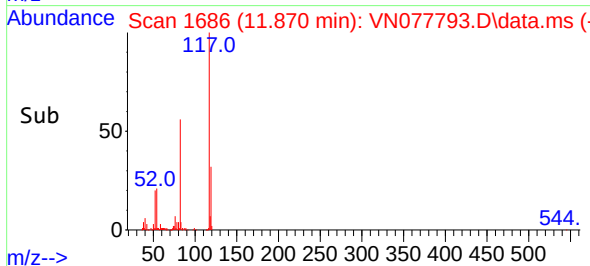
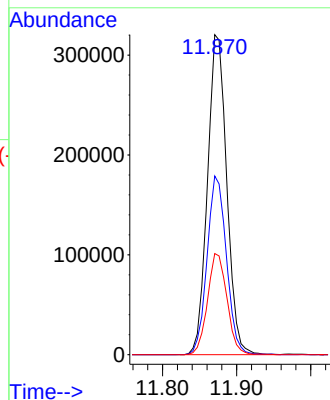
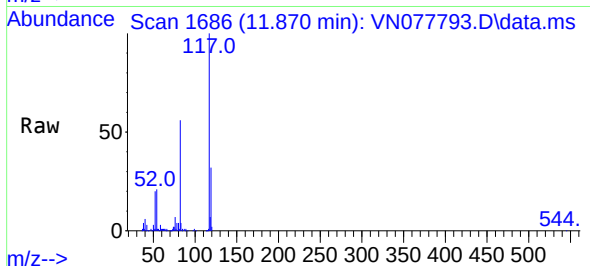




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN077793.D
Acq: 22 May 2023 16:41

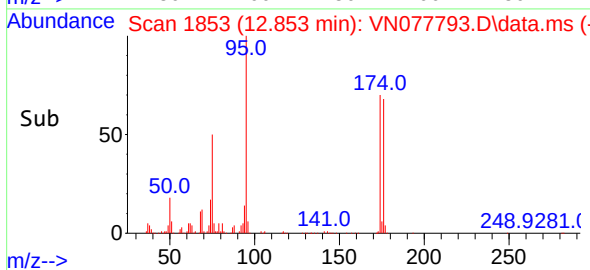
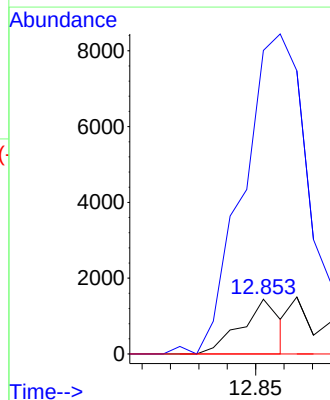
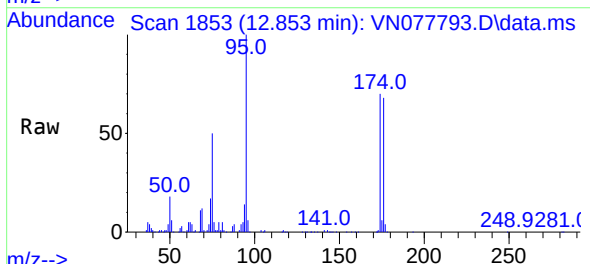
Instrument :
MSVOA_N
ClientSampleId :
RW8-MW01D2-20230518

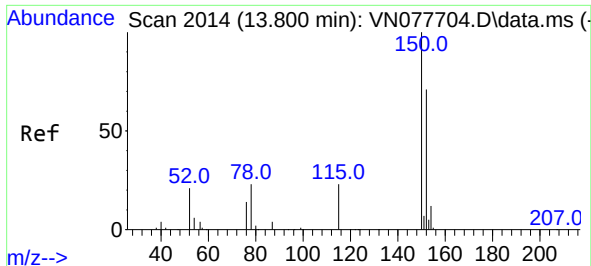
Tgt Ion:117 Resp: 580306
Ion Ratio Lower Upper
117 100
82 55.8 44.0 66.0
119 31.6 25.6 38.4



#71
Bromoform
Concen: 0.473 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.271 min
Lab File: VN077793.D
Acq: 22 May 2023 16:41

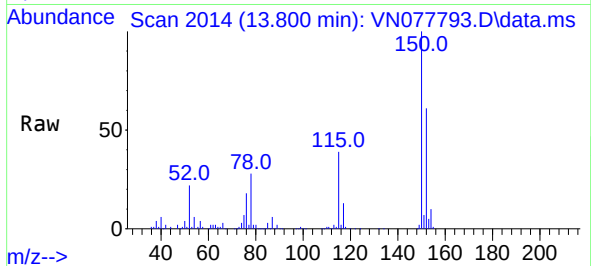
Tgt Ion:173 Resp: 1369
Ion Ratio Lower Upper
173 100
175 0.0 24.3 73.0#
254 0.0 0.0 0.0



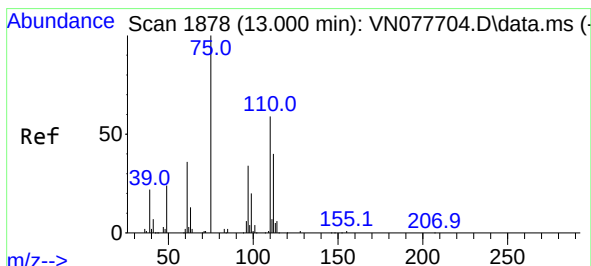
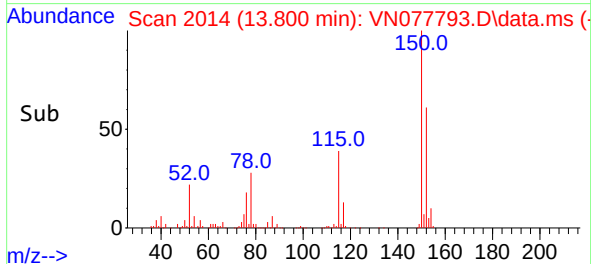
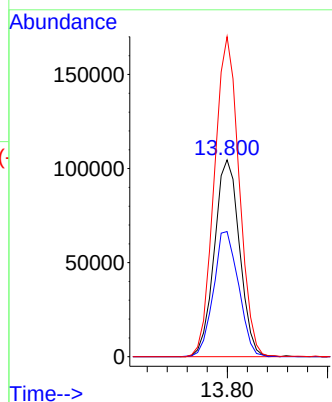


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN077793.D
Acq: 22 May 2023 16:41

Instrument :
MSVOA_N
ClientSampleId :
RW8-MW01D2-20230518

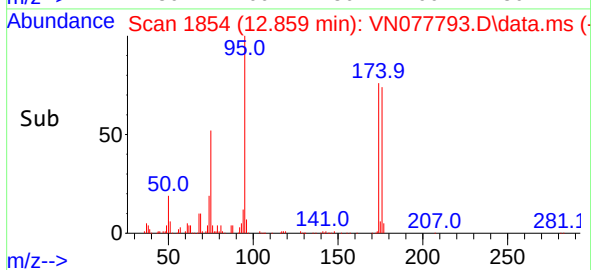
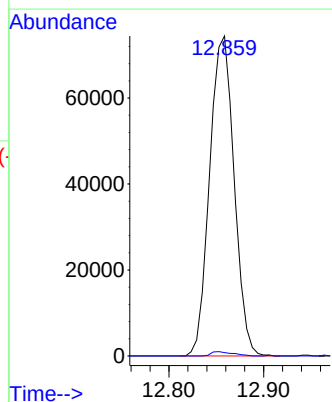
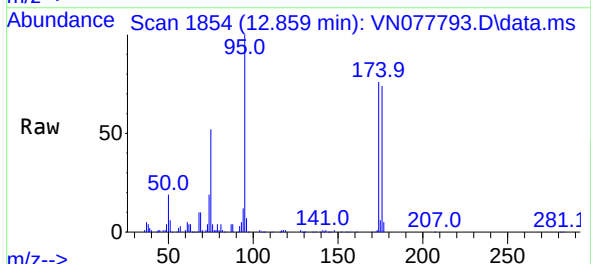


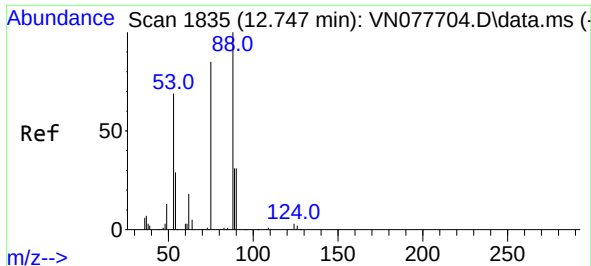
Tgt Ion:152 Resp: 182129
Ion Ratio Lower Upper
152 100
115 63.5 32.3 96.8
150 160.7 0.0 355.8



#76
1,2,3-Trichloropropane
Concen: 29.410 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. -0.141 min
Lab File: VN077793.D
Acq: 22 May 2023 16:41

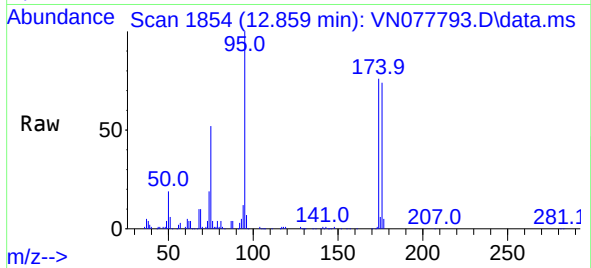
Tgt Ion: 75 Resp: 134142
Ion Ratio Lower Upper
75 100
77 1.2 84.5 253.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 94.008 ug/l
RT: 12.859 min Scan# 11
Delta R.T. 0.118 min
Lab File: VN077793.D
Acq: 22 May 2023 16:41

Instrument :
MSVOA_N
ClientSampleId :
RW8-MW01D2-20230518



Tgt Ion: 75 Resp: 134142
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#

