

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052323\
 Data File : VN077813.D
 Acq On : 23 May 2023 13:55
 Operator : JC\MD
 Sample : 02880-07RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW8-MW01D1-20230518

Quant Time: May 24 02:54:21 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)

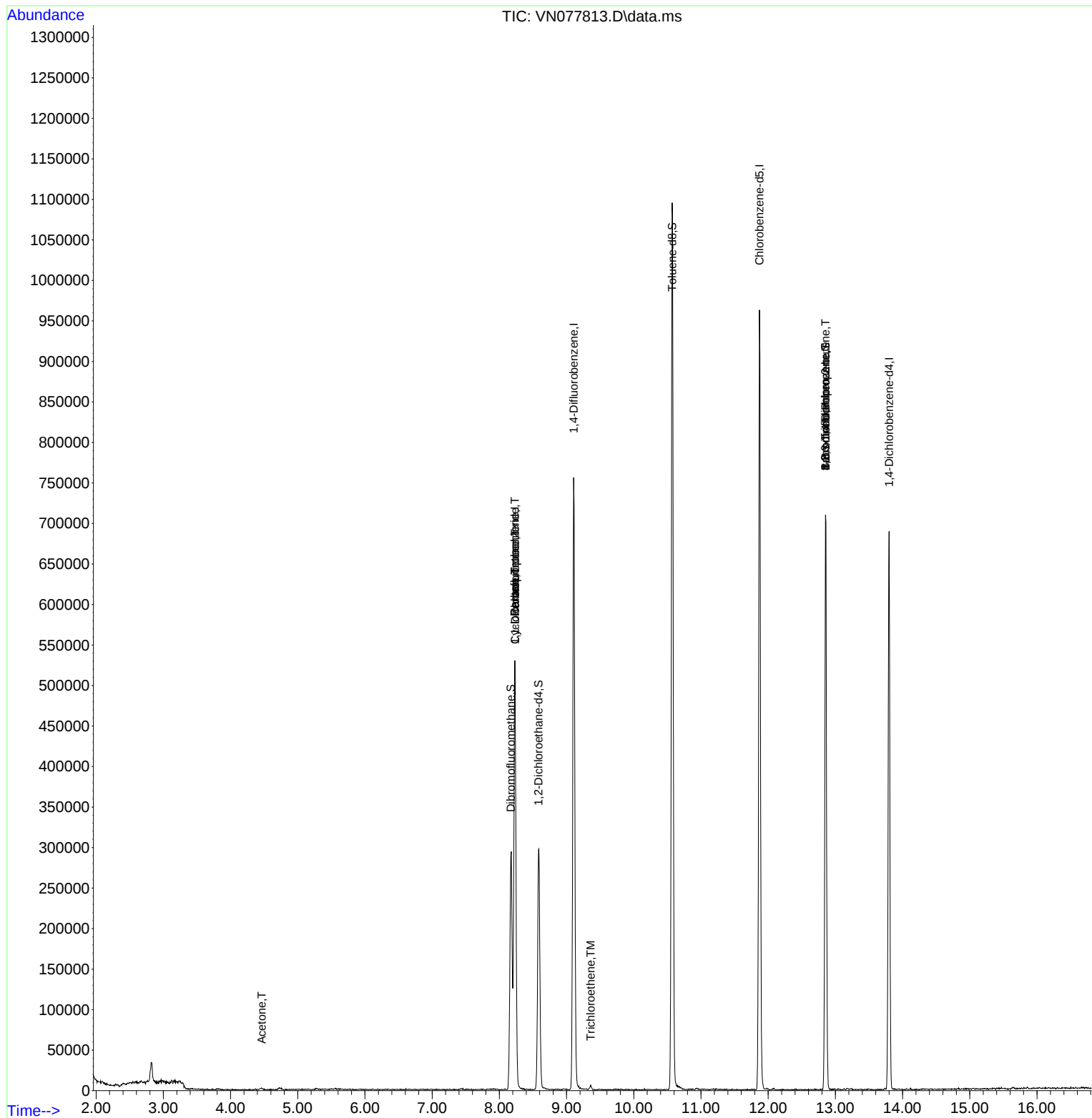
Internal Standards						
1) Pentafluorobenzene	8.230	168	375809	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	671157	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	576684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	183213	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	251118	44.659	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.320%		
35) Dibromofluoromethane	8.171	113	211426	48.309	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.620%		
50) Toluene-d8	10.571	98	804667	47.767	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.540%		
62) 4-Bromofluorobenzene	12.853	95	260311	43.753	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.500%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	1217	Below Cal	#	88
13) Acrolein	4.171	56	56	Below Cal	#	1
16) Acetone	4.465	43	3003	1.697	ug/l #	79
20) Methylene Chloride	5.283	84	502	Below Cal	#	47
31) Cyclohexane	8.236	56	9113	1.192	ug/l #	28
36) 1,1-Dichloropropene	8.236	75	31214	4.876	ug/l #	48
38) Carbon Tetrachloride	8.230	117	41021	6.346	ug/l #	18
44) Trichloroethene	9.359	130	2248	0.470	ug/l	40
71) Bromoform	12.853	173	1597	0.555	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	133330	29.059	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	133330	92.886	ug/l #	15

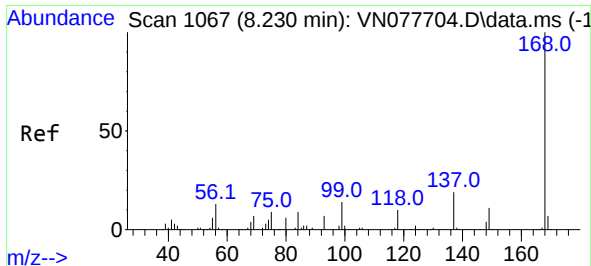
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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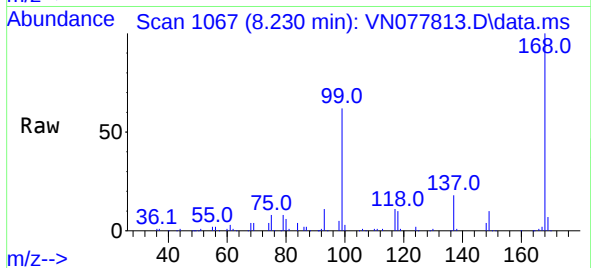
Quant Time: May 24 02:54:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
Quant Title : SW846 8260
QLast Update : Tue May 16 04:07:42 2023
Response via : Initial Calibration



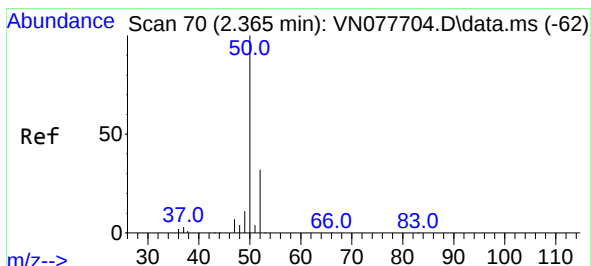
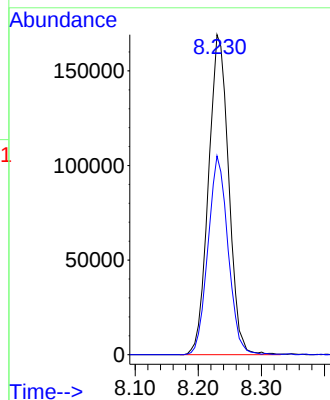
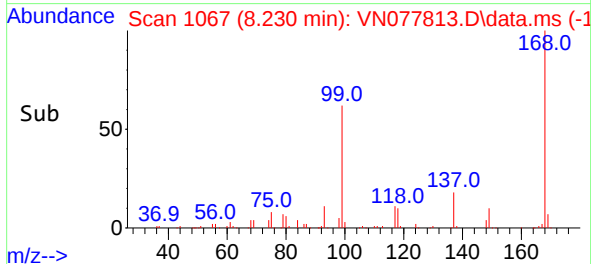


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN077813.D
Acq: 23 May 2023 13:55

Instrument :
MSVOA_N
ClientSampleId :
RW8-MW01D1-20230518

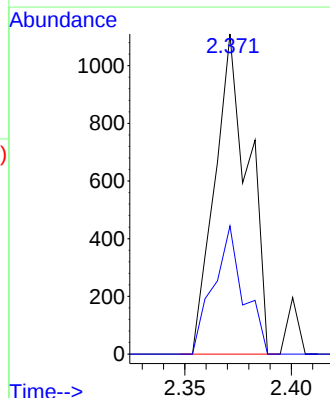
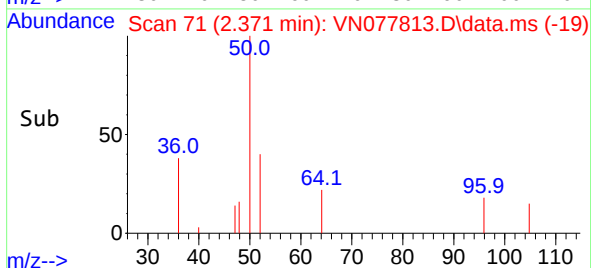
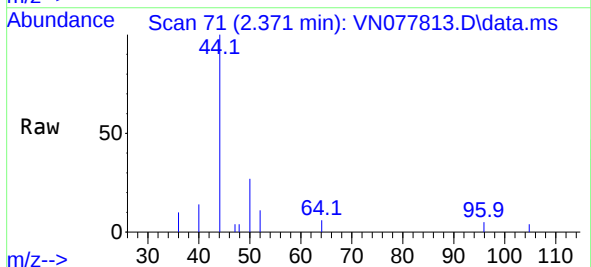


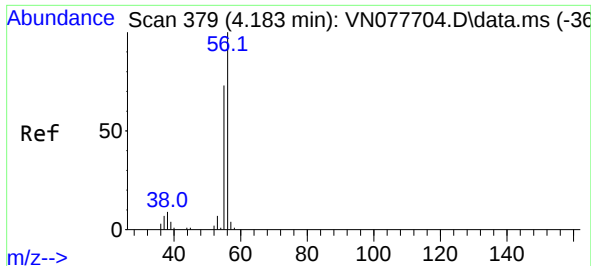
Tgt Ion:168 Resp: 375809
Ion Ratio Lower Upper
168 100
99 62.1 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077813.D
Acq: 23 May 2023 13:55

Tgt Ion: 50 Resp: 1217
Ion Ratio Lower Upper
50 100
52 40.0 26.5 39.7#

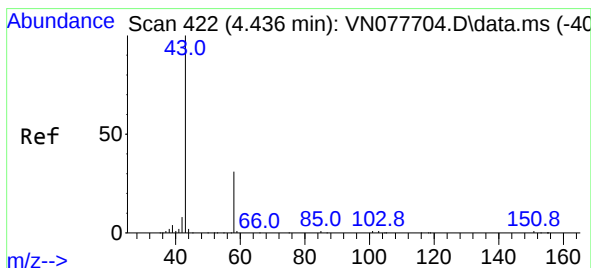
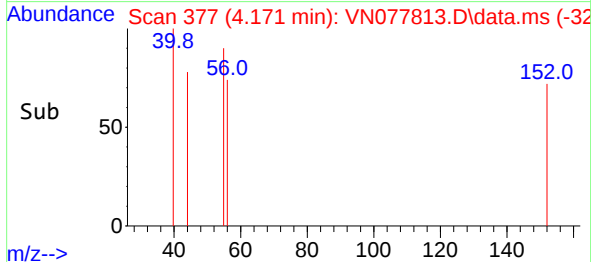
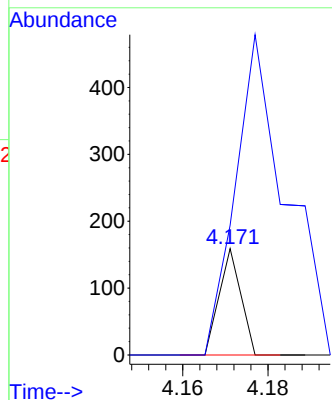
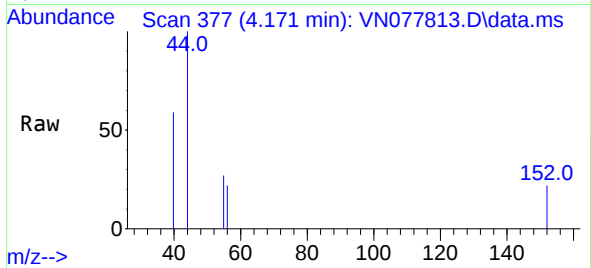




#13
Acrolein
Concen: Below Cal
RT: 4.171 min Scan# 31
Delta R.T. -0.018 min
Lab File: VN077813.D
Acq: 23 May 2023 13:55

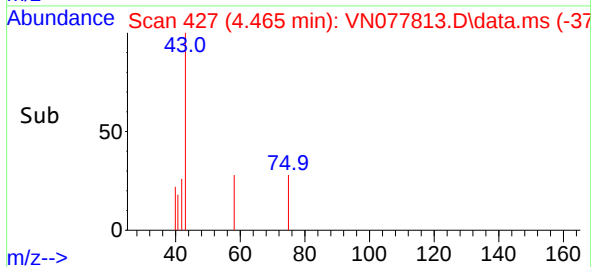
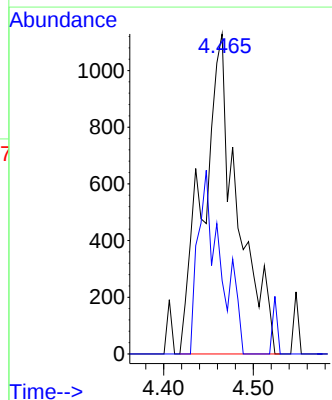
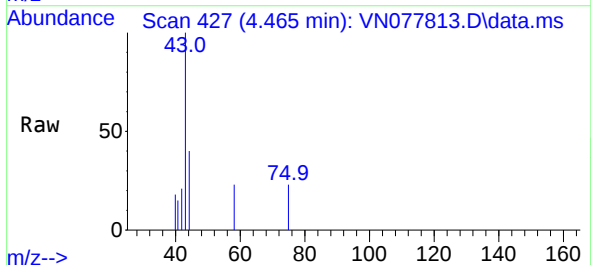
Instrument :
MSVOA_N
ClientSampleId :
RW8-MW01D1-20230518

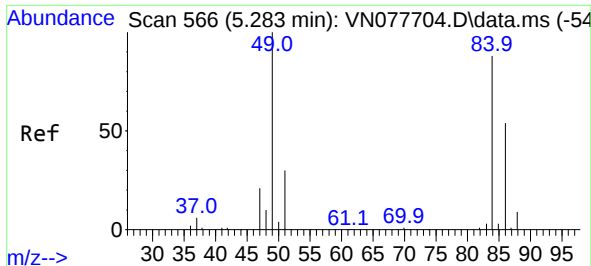
Tgt Ion: 56 Resp: 56
Ion Ratio Lower Upper
56 100
55 707.1 54.5 81.7#



#16
Acetone
Concen: 1.697 ug/l
RT: 4.465 min Scan# 427
Delta R.T. 0.035 min
Lab File: VN077813.D
Acq: 23 May 2023 13:55

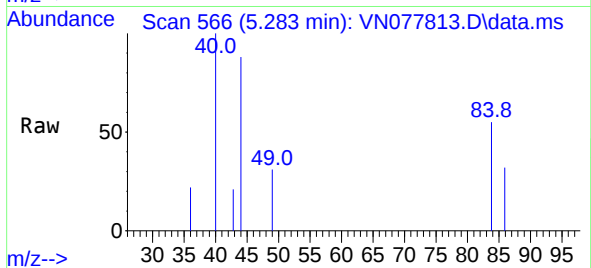
Tgt Ion: 43 Resp: 3003
Ion Ratio Lower Upper
43 100
58 22.9 28.0 42.0#





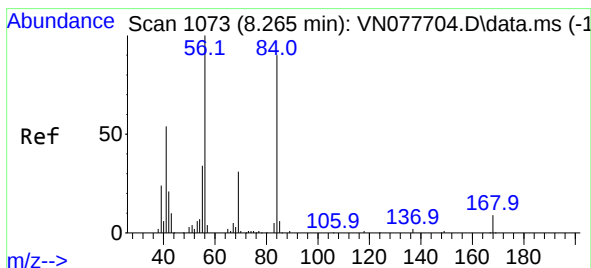
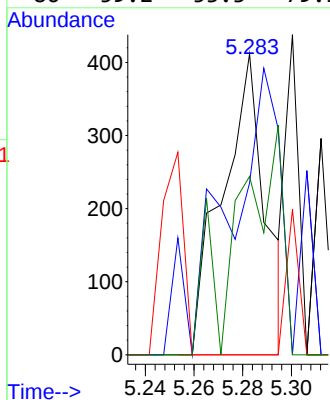
#20
Methylene Chloride
Concen: Below Cal
RT: 5.283 min Scan# 502
Delta R.T. -0.000 min
Lab File: VN077813.D
Acq: 23 May 2023 13:55

Instrument :
MSVOA_N
ClientSampleId :
RW8-MW01D1-20230518



Tgt Ion: 84 Resp: 502

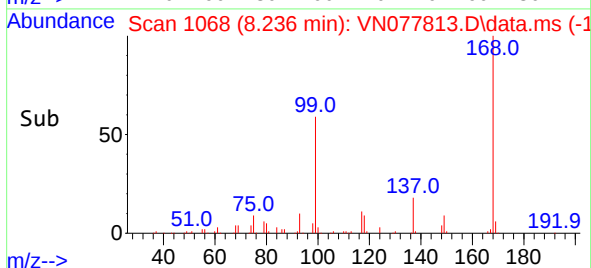
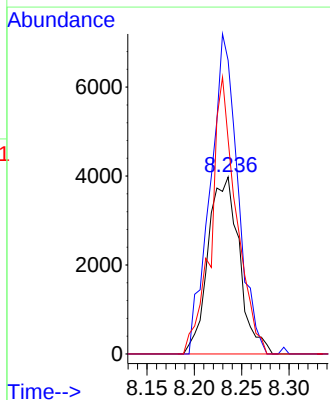
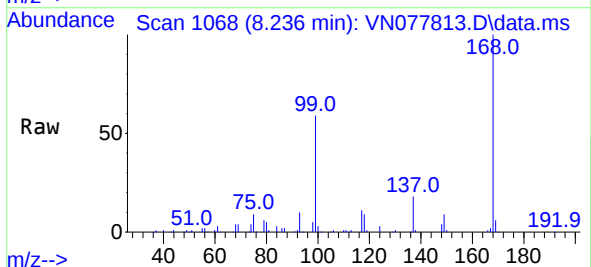
Ion	Ratio	Lower	Upper
84	100		
49	18.2	79.7	119.5#
51	0.0	25.2	37.8#
86	59.2	53.3	79.9

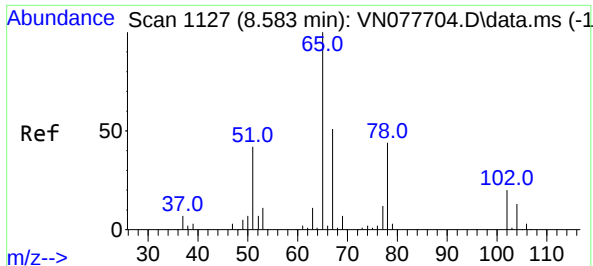


#31
Cyclohexane
Concen: 1.192 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.029 min
Lab File: VN077813.D
Acq: 23 May 2023 13:55

Tgt Ion: 56 Resp: 9113

Ion	Ratio	Lower	Upper
56	100		
69	165.9	26.8	40.2#
84	121.2	81.8	122.6

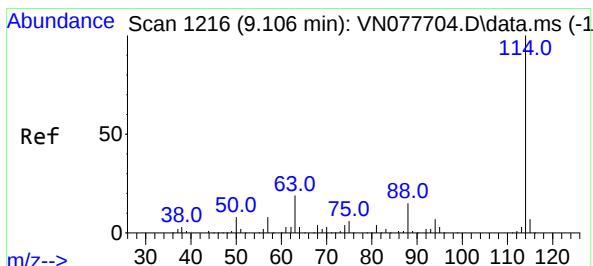
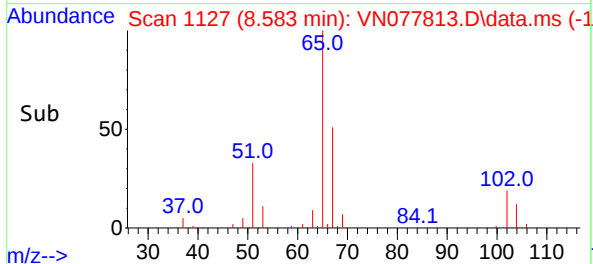
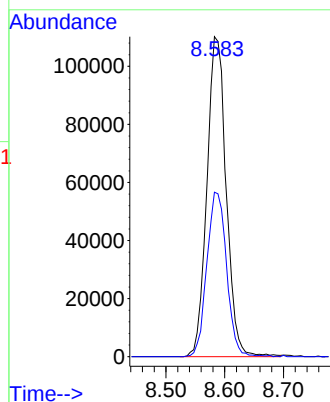
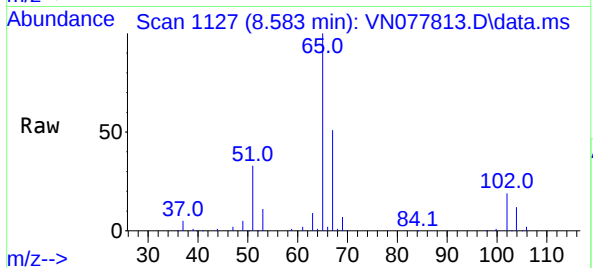




#33
1,2-Dichloroethane-d4
Concen: 44.659 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN077813.D
Acq: 23 May 2023 13:55

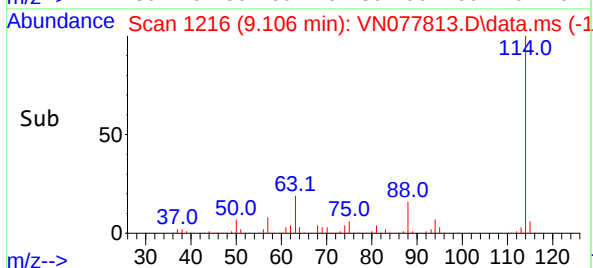
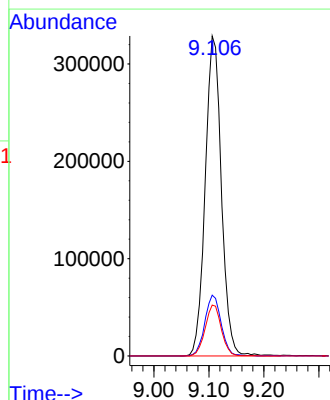
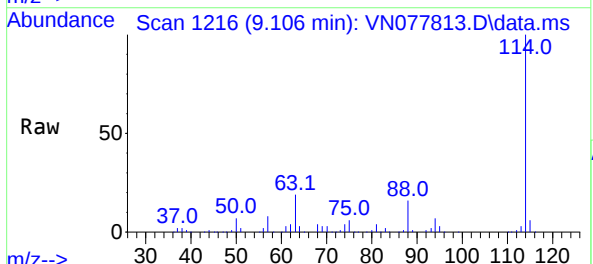
Instrument :
MSVOA_N
ClientSampleId :
RW8-MW01D1-20230518

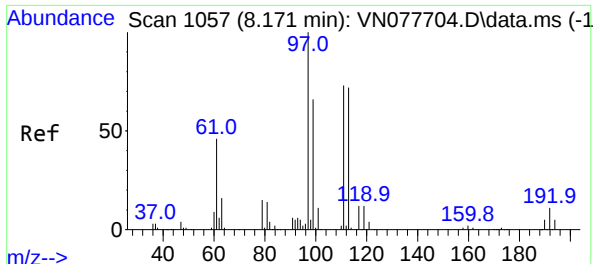
Tgt Ion: 65 Resp: 251118
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN077813.D
Acq: 23 May 2023 13:55

Tgt Ion: 114 Resp: 671157
Ion Ratio Lower Upper
114 100
63 19.0 0.0 36.4
88 15.9 0.0 30.6

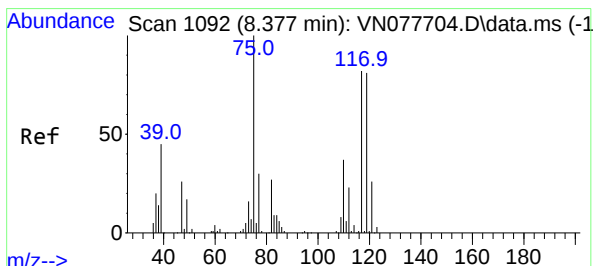
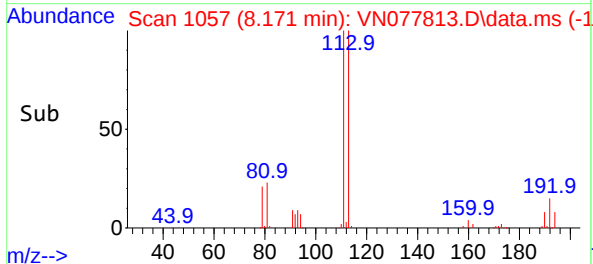
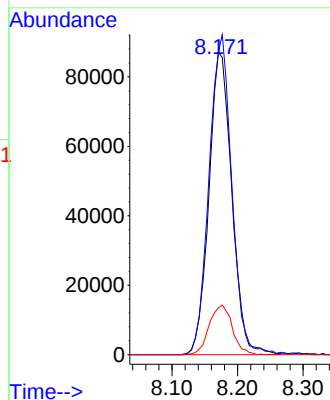
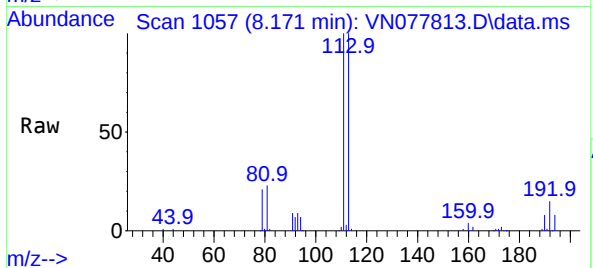




#35
Dibromofluoromethane
Concen: 48.309 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN077813.D
Acq: 23 May 2023 13:55

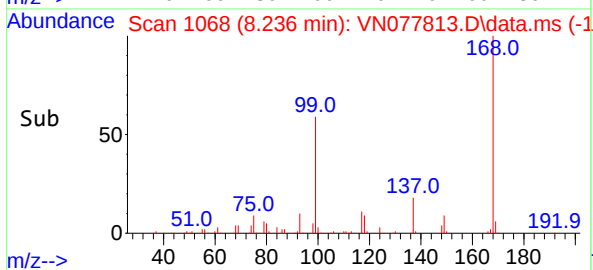
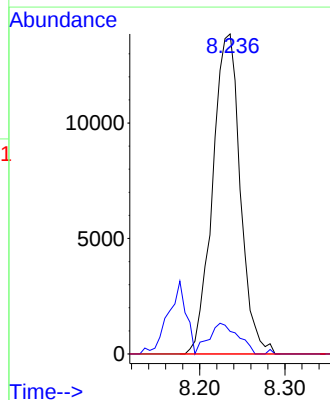
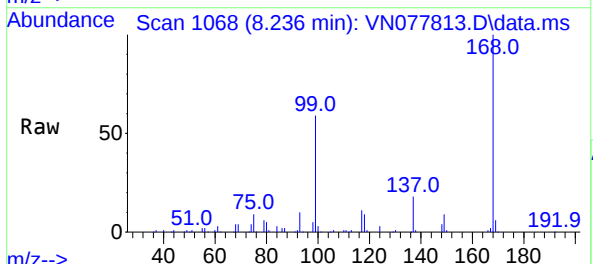
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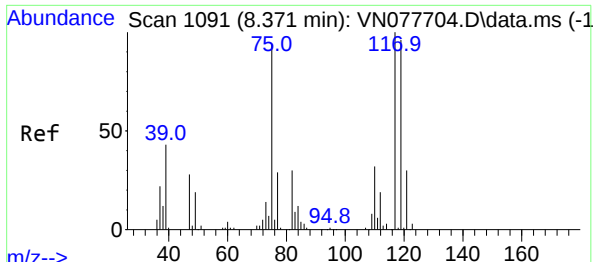
Tgt Ion:113 Resp: 211426
Ion Ratio Lower Upper
113 100
111 105.2 82.6 123.8
192 16.5 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.876 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VN077813.D
Acq: 23 May 2023 13:55

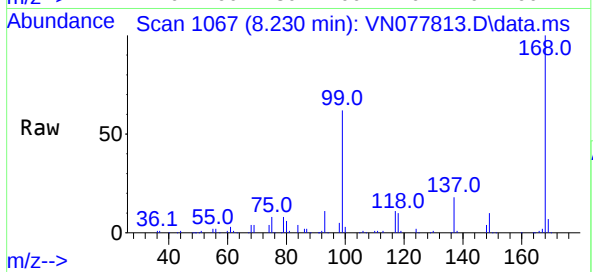
Tgt Ion: 75 Resp: 31214
Ion Ratio Lower Upper
75 100
110 9.5 19.1 57.3#
77 0.0 25.0 37.4#



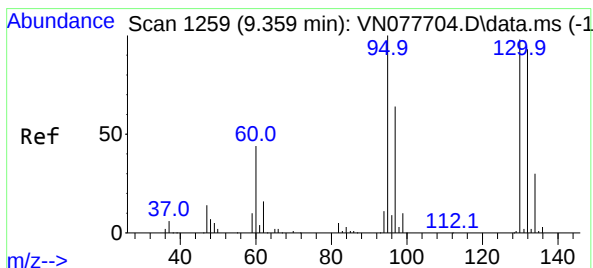
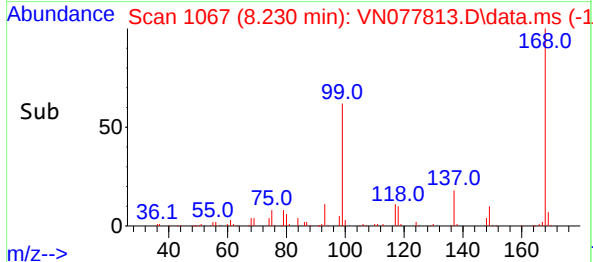
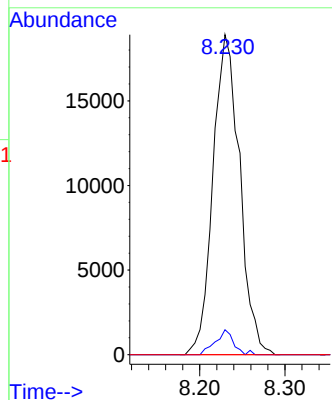


#38
Carbon Tetrachloride
Concen: 6.346 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN077813.D
Acq: 23 May 2023 13:55

Instrument :
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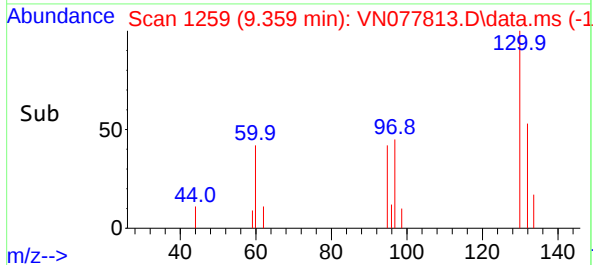
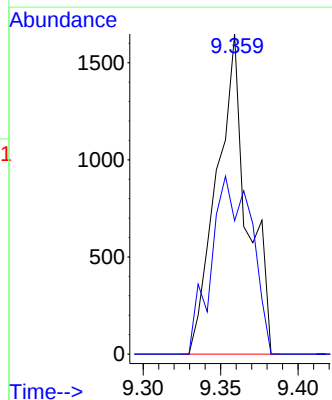
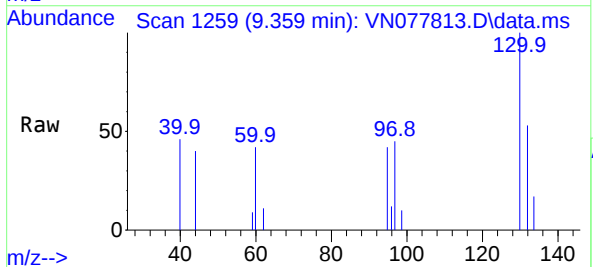


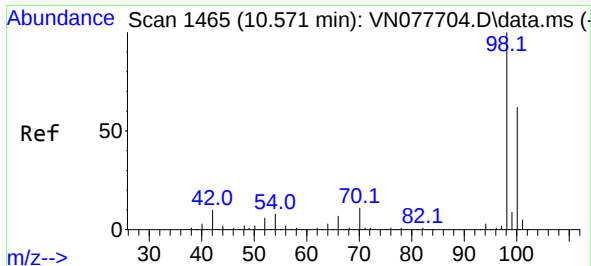
Tgt Ion:117 Resp: 41021
Ion Ratio Lower Upper
117 100
119 7.8 77.3 115.9#
121 0.0 23.3 34.9#



#44
Trichloroethene
Concen: 0.470 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN077813.D
Acq: 23 May 2023 13:55

Tgt Ion:130 Resp: 2248
Ion Ratio Lower Upper
130 100
95 41.6 0.0 204.6

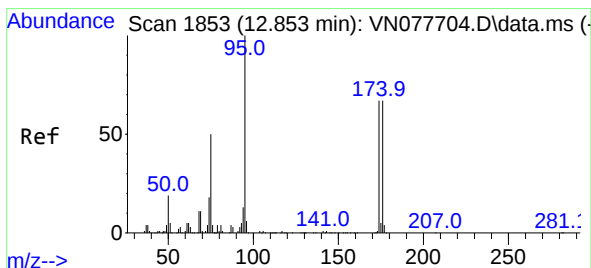
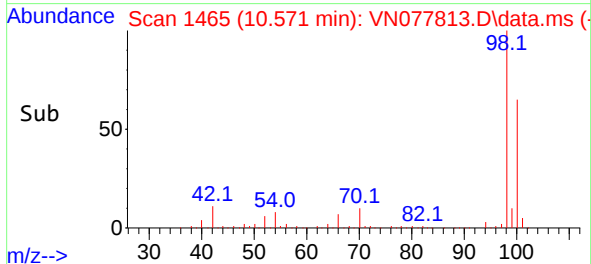
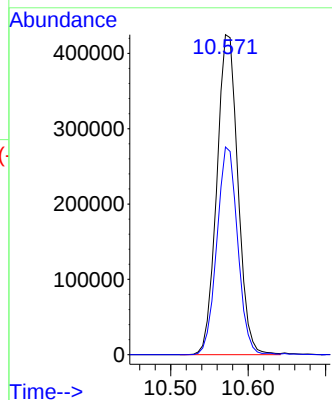
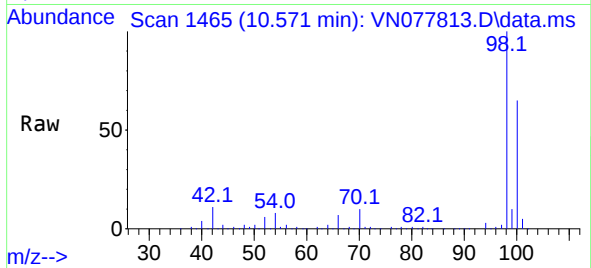




#50
Toluene-d8
Concen: 47.767 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077813.D
Acq: 23 May 2023 13:55

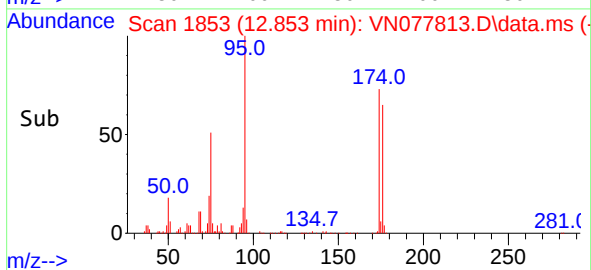
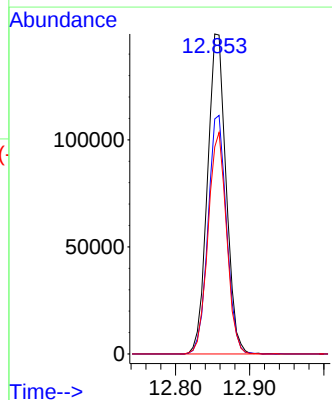
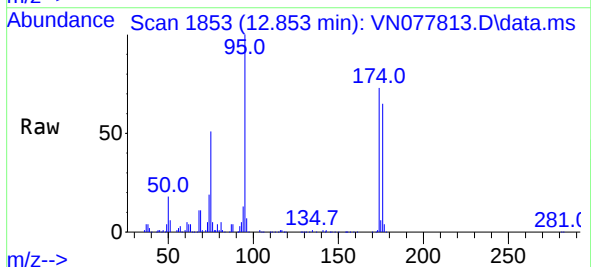
Instrument :
MSVOA_N
ClientSampleId :
RW8-MW01D1-20230518

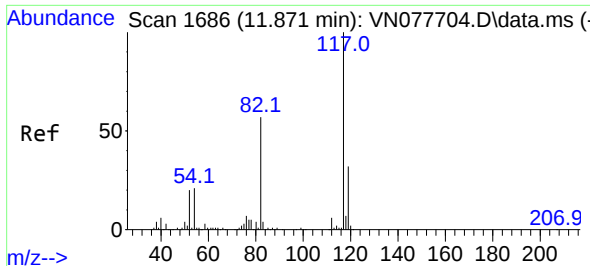
Tgt Ion: 98 Resp: 804667
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.753 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077813.D
Acq: 23 May 2023 13:55

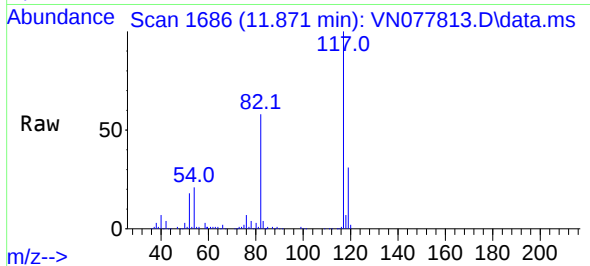
Tgt Ion: 95 Resp: 260311
Ion Ratio Lower Upper
95 100
174 74.1 0.0 143.8
176 68.6 0.0 135.8





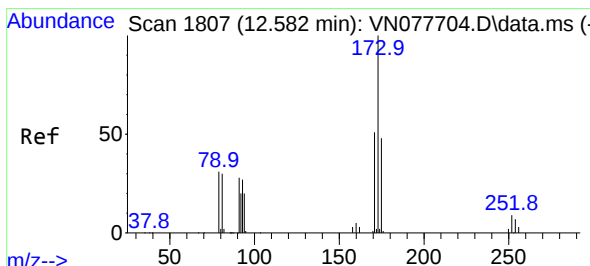
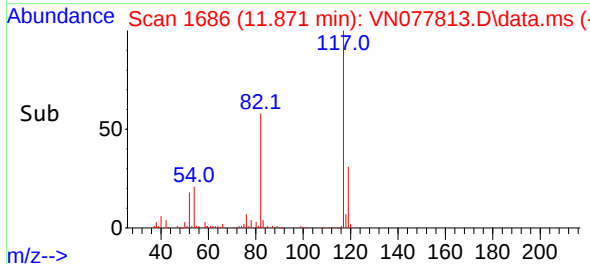
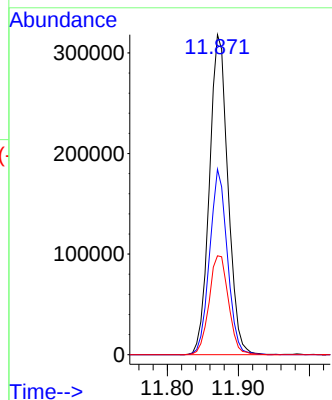
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1170
Delta R.T. 0.001 min
Lab File: VN077813.D
Acq: 23 May 2023 13:55

Instrument :
MSVOA_N
ClientSampleId :
RW8-MW01D1-20230518



Tgt Ion:117 Resp: 576684

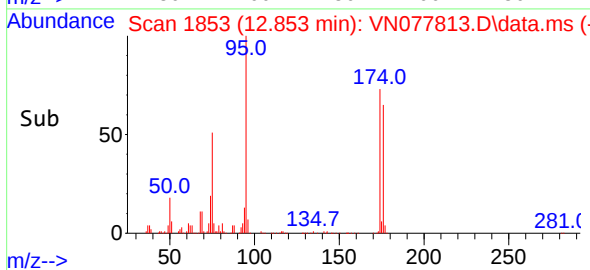
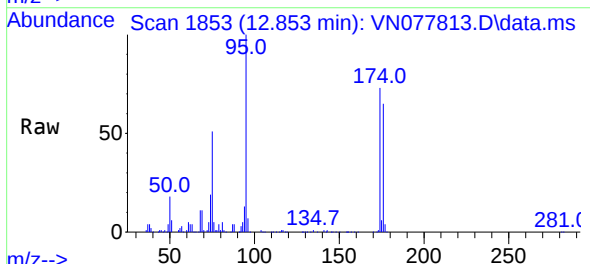
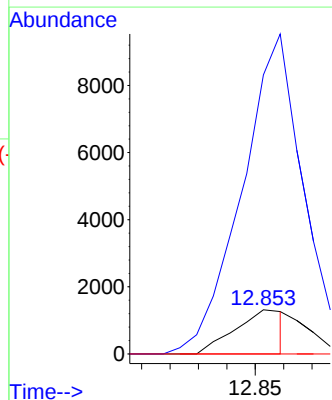
Ion	Ratio	Lower	Upper
117	100		
82	58.0	44.0	66.0
119	30.9	25.6	38.4

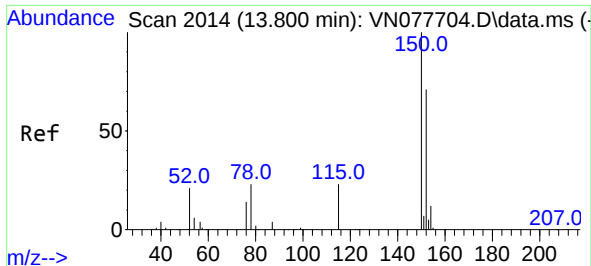


#71
Bromoform
Concen: 0.555 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.271 min
Lab File: VN077813.D
Acq: 23 May 2023 13:55

Tgt Ion:173 Resp: 1597

Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.3	73.0#
254	0.0	0.0	0.0

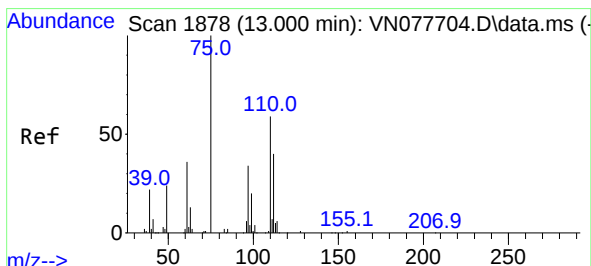
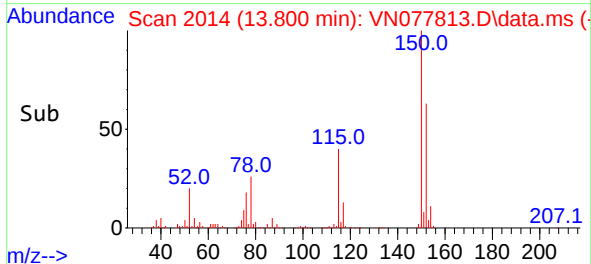
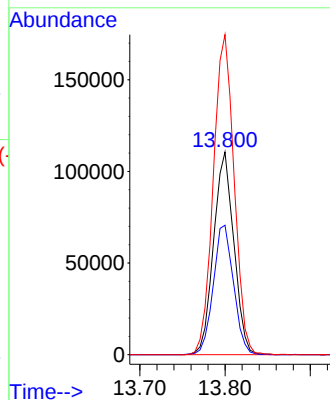
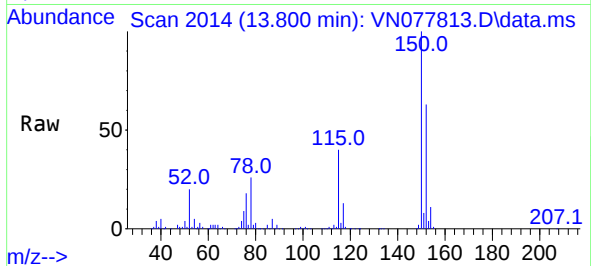




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN077813.D
Acq: 23 May 2023 13:55

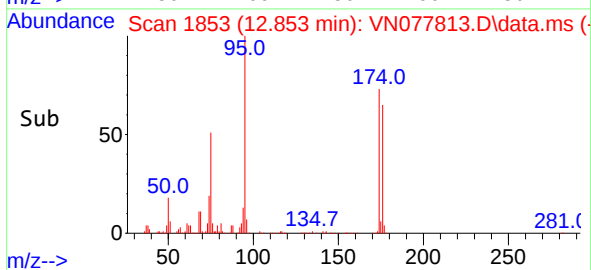
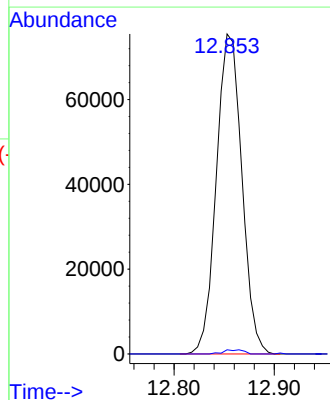
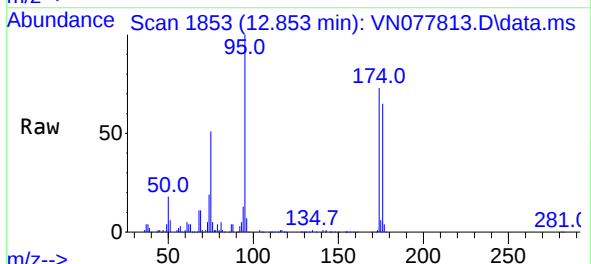
Instrument :
MSVOA_N
ClientSampleId :
RW8-MW01D1-20230518

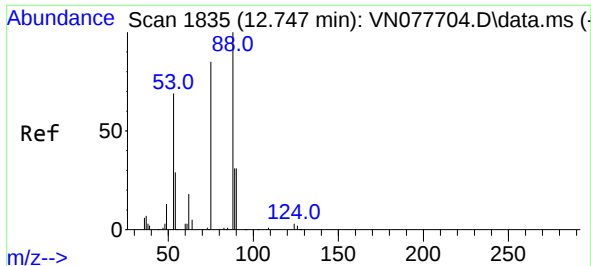
Tgt Ion:152 Resp: 183213
Ion Ratio Lower Upper
152 100
115 63.9 32.3 96.8
150 161.9 0.0 355.8



#76
1,2,3-Trichloropropane
Concen: 29.059 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN077813.D
Acq: 23 May 2023 13:55

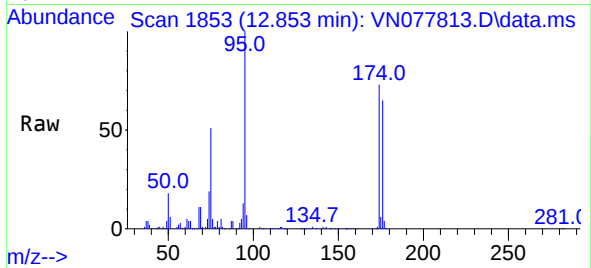
Tgt Ion: 75 Resp: 133330
Ion Ratio Lower Upper
75 100
77 1.0 84.5 253.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 92.886 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN077813.D
Acq: 23 May 2023 13:55

Instrument :
MSVOA_N
ClientSampleId :
RW8-MW01D1-20230518



Tgt Ion: 75 Resp: 133330
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#

