

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111423\
 Data File : VN080081.D
 Acq On : 14 Nov 2023 11:54
 Operator : JC\MD
 Sample : VN1114WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 15 03:55:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

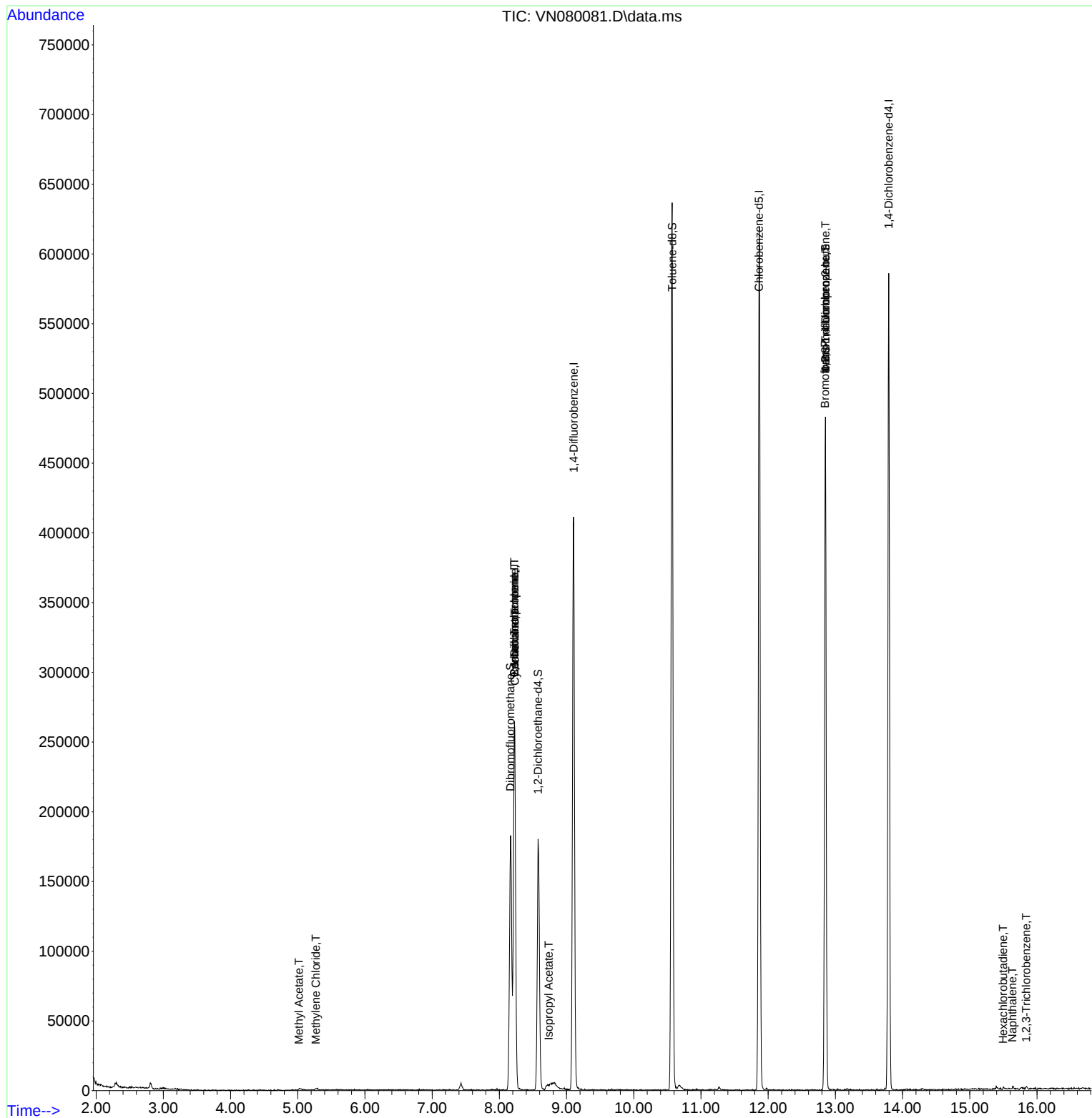
Internal Standards						
1) Pentafluorobenzene	8.224	168	180113	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	343498	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	353691	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	152108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	160925	58.644	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 117.280%	
35) Dibromofluoromethane	8.165	113	127663	52.512	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.020%	
50) Toluene-d8	10.571	98	436820	48.807	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.620%	
62) 4-Bromofluorobenzene	12.853	95	165649	55.807	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 111.620%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	223	Below Cal	#	42
18) Methyl Acetate	5.018	43	957	0.208	ug/l	89
20) Methylene Chloride	5.271	84	938	0.386	ug/l #	63
31) Cyclohexane	8.230	56	4326	1.193	ug/l #	23
36) 1,1-Dichloropropene	8.224	75	15948	4.594	ug/l #	49
38) Carbon Tetrachloride	8.224	117	21099	6.031	ug/l #	16
43) Isopropyl Acetate	8.735	43	3378	0.605	ug/l #	49
71) Bromoform	12.847	173	666	0.339	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	93684	26.234	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	93684	71.377	ug/l #	15
94) Hexachlorobutadiene	15.494	225	393	0.367	ug/l #	57
95) Naphthalene	15.635	128	2216	0.277	ug/l #	73
96) 1,2,3-Trichlorobenzene	15.841	180	803	0.347	ug/l #	61

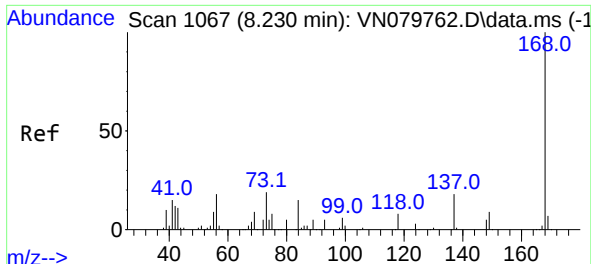
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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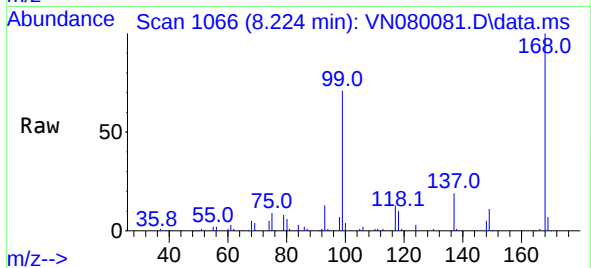
Quant Time: Nov 15 03:55:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 02 05:49:08 2023
Response via : Initial Calibration



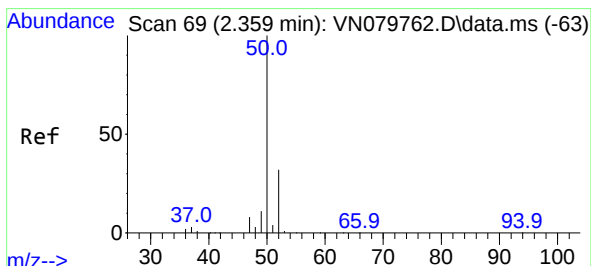
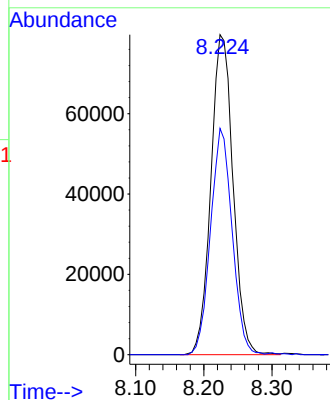
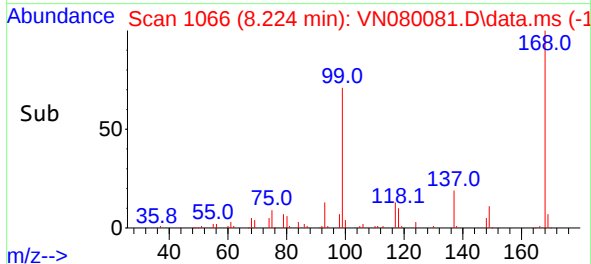


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN080081.D
Acq: 14 Nov 2023 11:54

Instrument :
MSVOA_N
ClientSampleId :

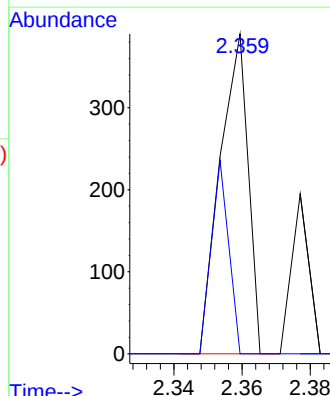
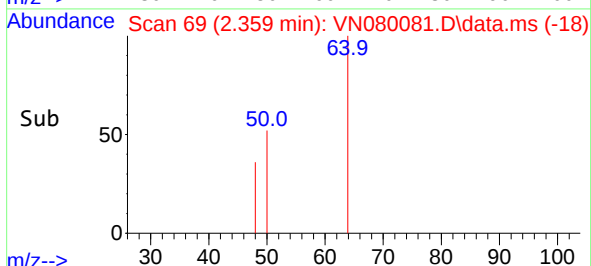
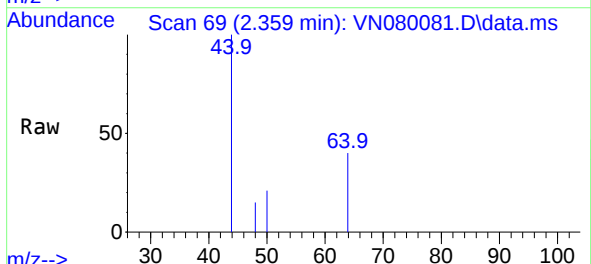


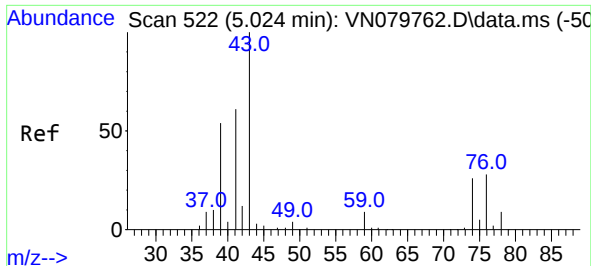
Tgt Ion:168 Resp: 180113
Ion Ratio Lower Upper
168 100
99 70.7 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080081.D
Acq: 14 Nov 2023 11:54

Tgt Ion: 50 Resp: 223
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#

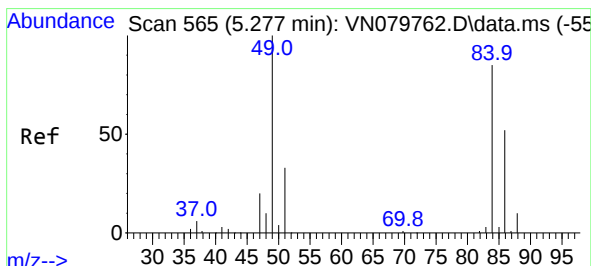
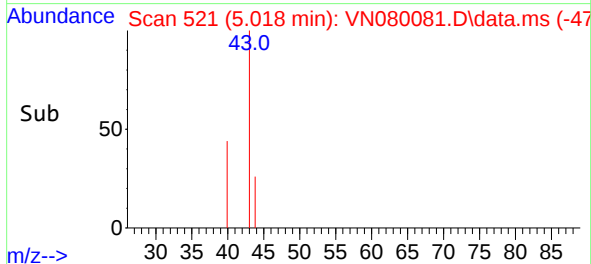
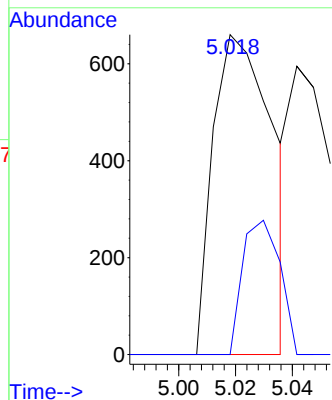
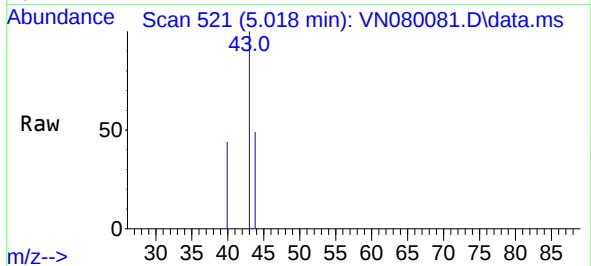




#18
Methyl Acetate
Concen: 0.208 ug/l
RT: 5.018 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN080081.D
Acq: 14 Nov 2023 11:54

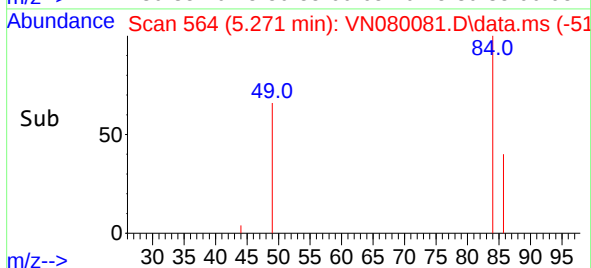
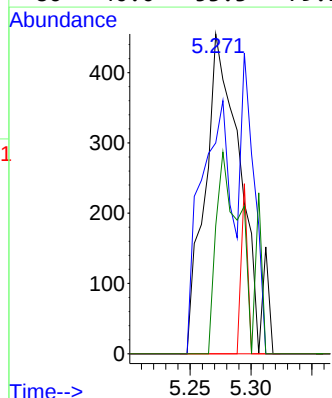
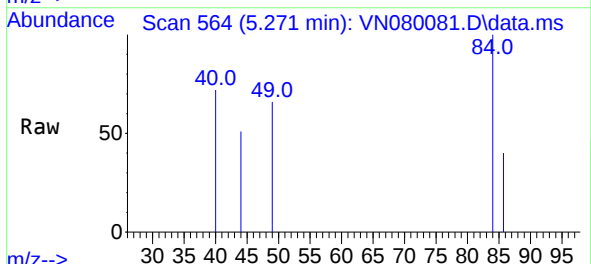
Instrument :
MSVOA_N
ClientSampleId :

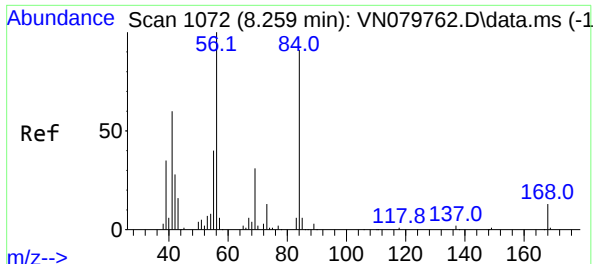
Tgt Ion: 43 Resp: 957
Ion Ratio Lower Upper
43 100
74 26.4 26.2 39.4



#20
Methylene Chloride
Concen: 0.386 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN080081.D
Acq: 14 Nov 2023 11:54

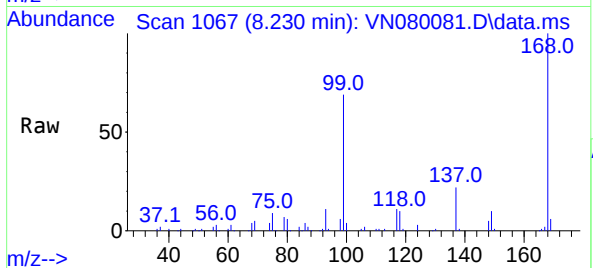
Tgt Ion: 84 Resp: 938
Ion Ratio Lower Upper
84 100
49 65.9 79.7 119.5#
51 0.0 25.2 37.8#
86 40.0 53.3 79.9#



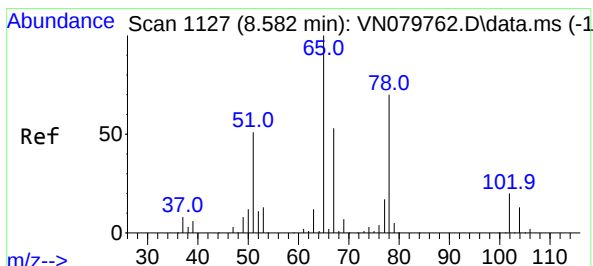
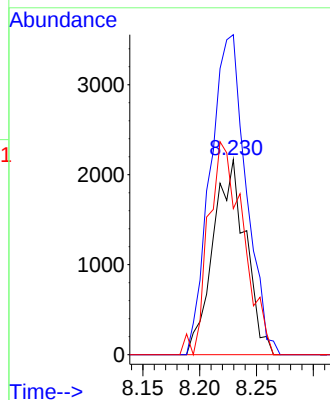
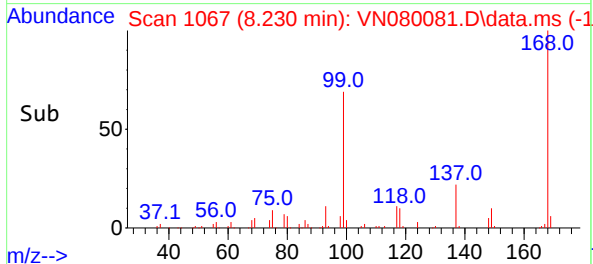


#31
Cyclohexane
Concen: 1.193 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN080081.D
Acq: 14 Nov 2023 11:54

Instrument :
MSVOA_N
ClientSampleId :

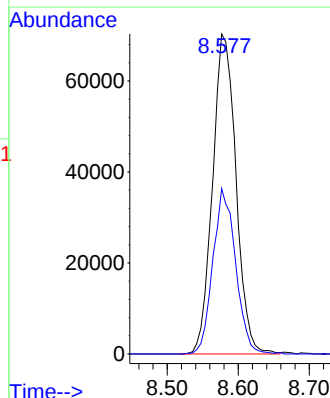
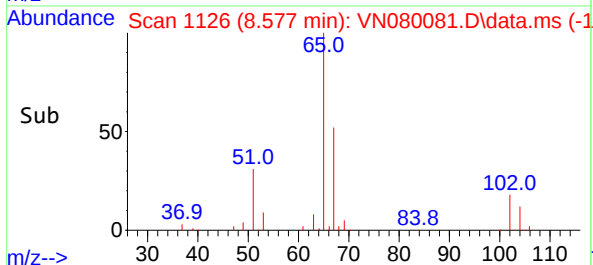
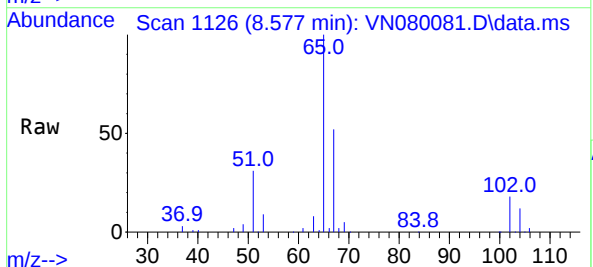


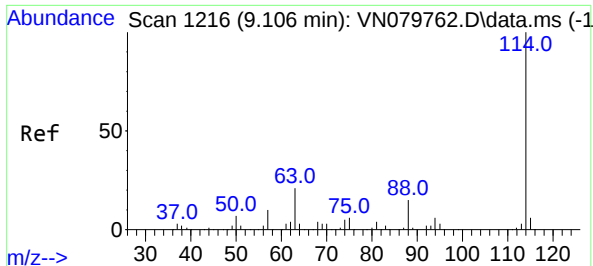
Tgt Ion: 56 Resp: 4326
Ion Ratio Lower Upper
56 100
69 164.0 26.8 40.2#
84 74.9 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 58.644 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN080081.D
Acq: 14 Nov 2023 11:54

Tgt Ion: 65 Resp: 160925
Ion Ratio Lower Upper
65 100
67 50.2 0.0 106.6

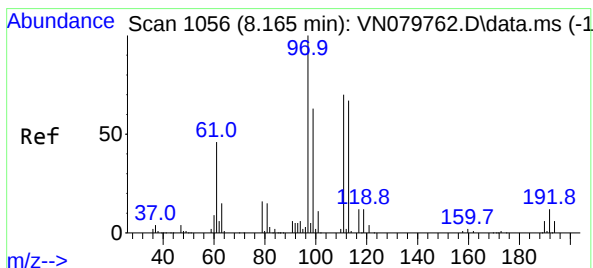
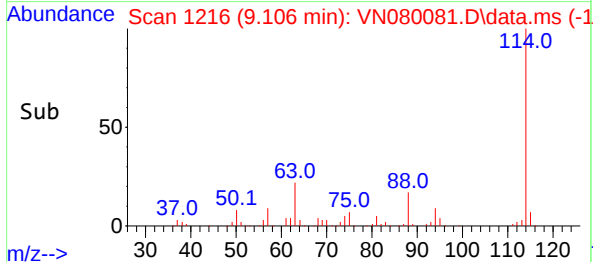
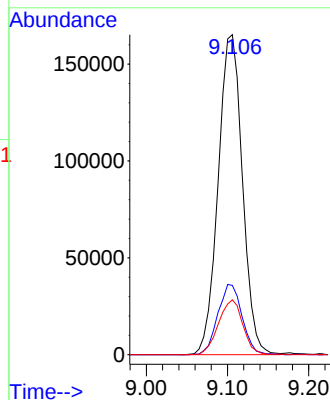
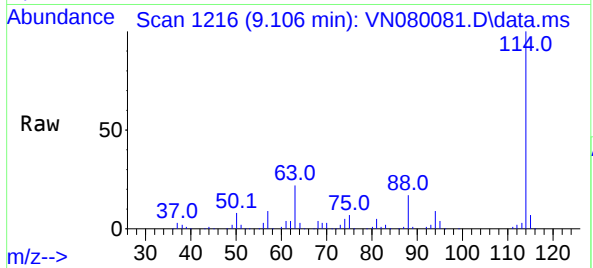




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080081.D
Acq: 14 Nov 2023 11:54

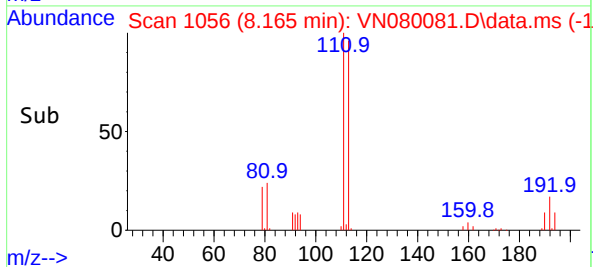
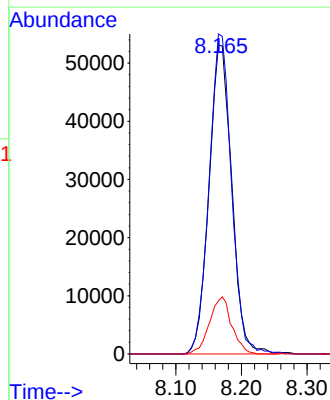
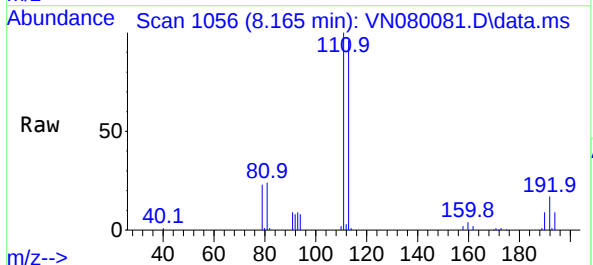
Instrument :
MSVOA_N
ClientSampleId :

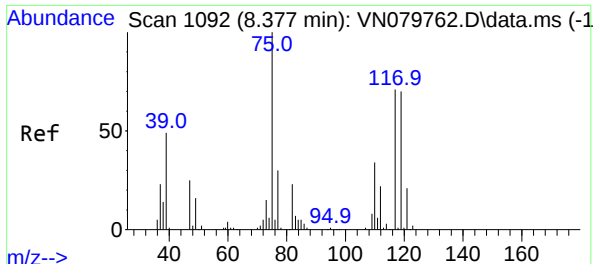
Tgt Ion:114 Resp: 343498
Ion Ratio Lower Upper
114 100
63 21.6 0.0 36.4
88 17.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 52.512 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN080081.D
Acq: 14 Nov 2023 11:54

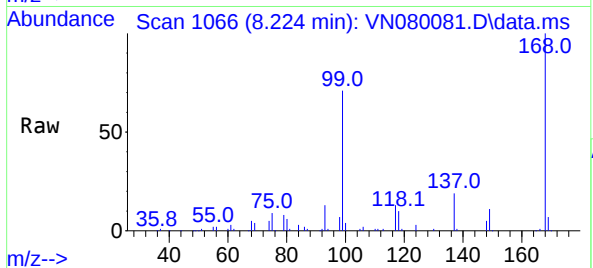
Tgt Ion:113 Resp: 127663
Ion Ratio Lower Upper
113 100
111 101.9 82.6 123.8
192 18.1 12.7 19.1



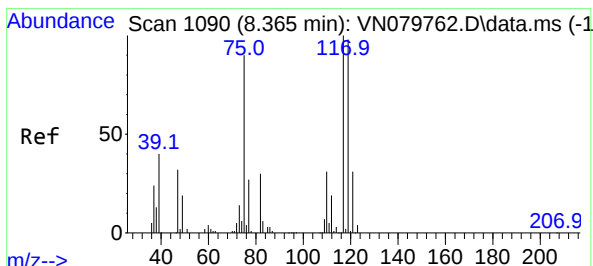
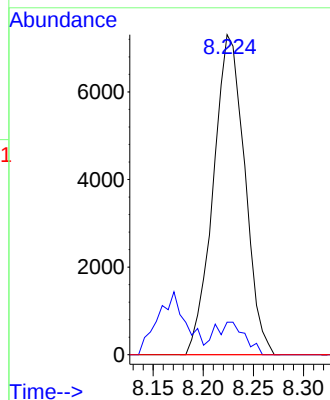
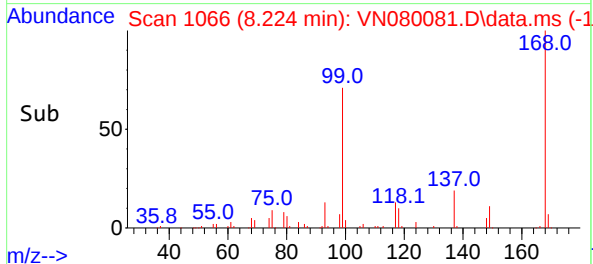


#36
1,1-Dichloropropene
Concen: 4.594 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN080081.D
Acq: 14 Nov 2023 11:54

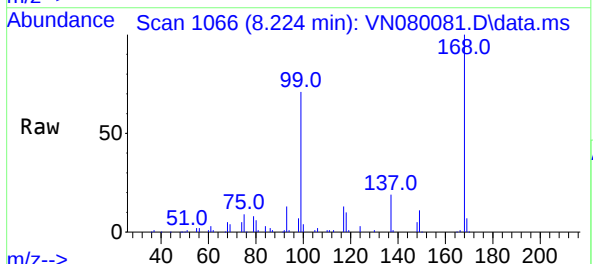
Instrument :
MSVOA_N
ClientSampleId :



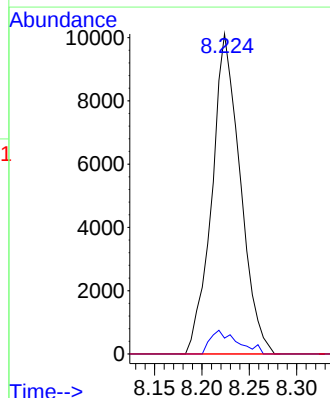
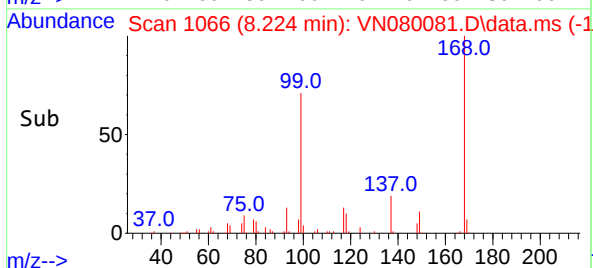
Tgt Ion: 75 Resp: 15948
Ion Ratio Lower Upper
75 100
110 9.8 19.1 57.3#
77 0.0 25.0 37.4#

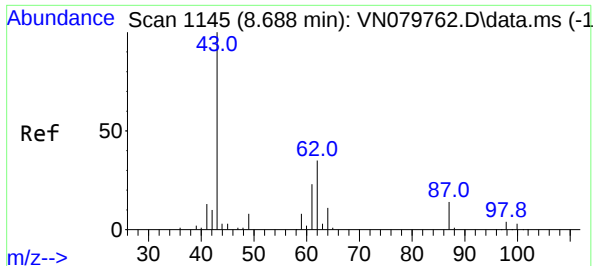


#38
Carbon Tetrachloride
Concen: 6.031 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN080081.D
Acq: 14 Nov 2023 11:54



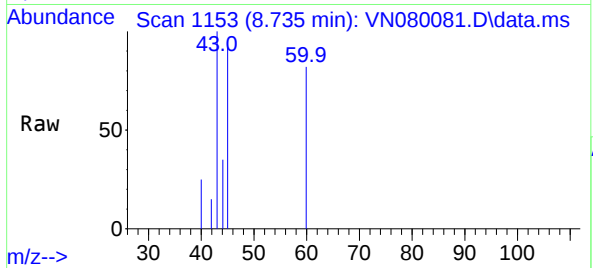
Tgt Ion: 117 Resp: 21099
Ion Ratio Lower Upper
117 100
119 4.9 77.3 115.9#
121 0.0 23.3 34.9#



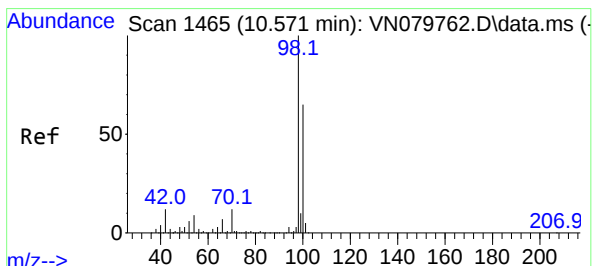
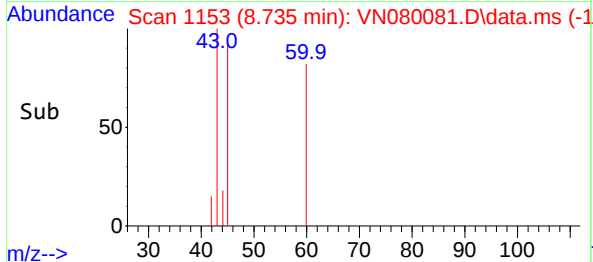
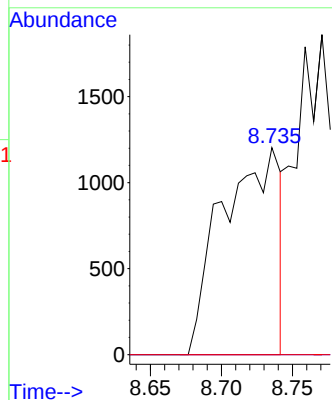


#43
Isopropyl Acetate
Concen: 0.605 ug/l
RT: 8.735 min Scan# 1145
Delta R.T. 0.047 min
Lab File: VN080081.D
Acq: 14 Nov 2023 11:54

Instrument :
MSVOA_N
ClientSampleId :

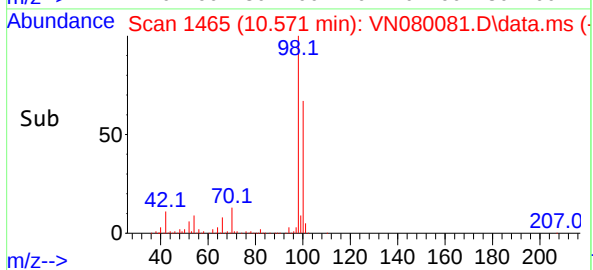
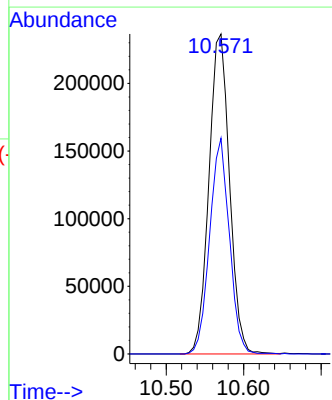
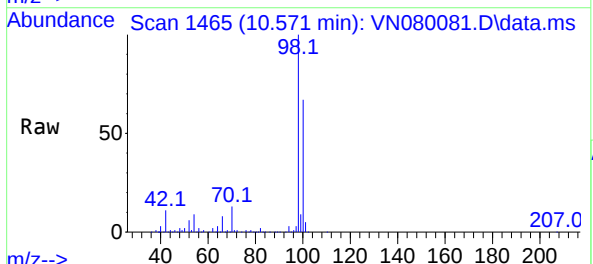


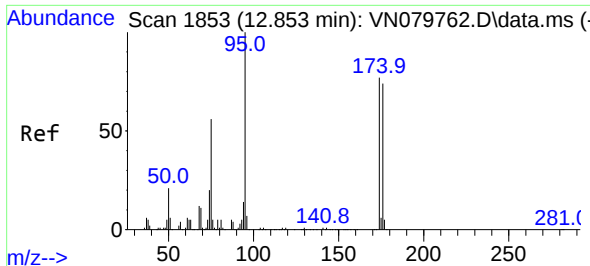
Tgt Ion: 43 Resp: 3378
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#50
Toluene-d8
Concen: 48.807 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080081.D
Acq: 14 Nov 2023 11:54

Tgt Ion: 98 Resp: 436820
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0

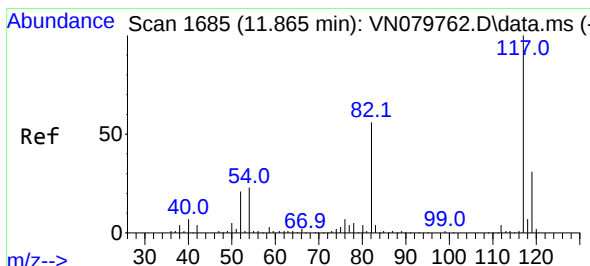
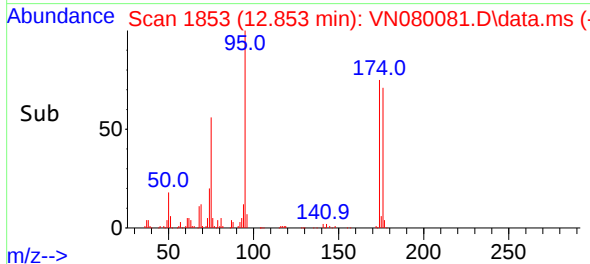
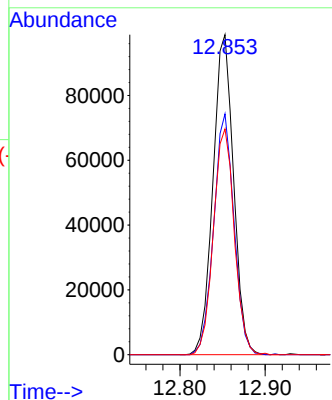
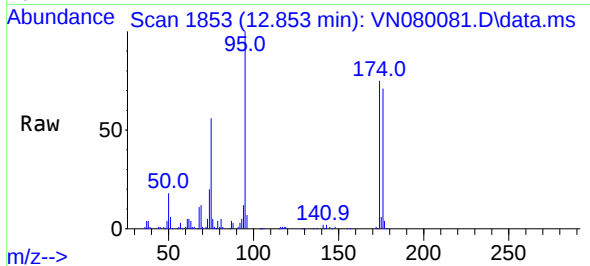




#62
4-Bromofluorobenzene
Concen: 55.807 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080081.D
Acq: 14 Nov 2023 11:54

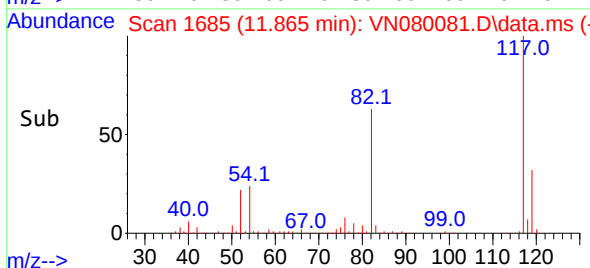
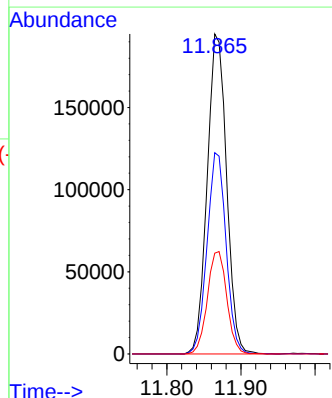
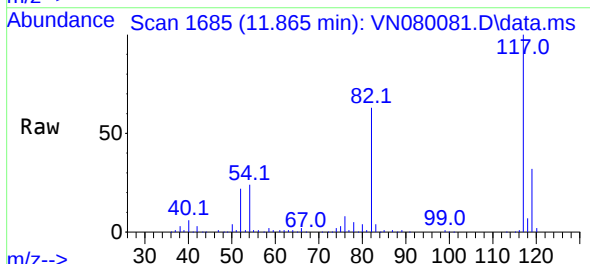
Instrument :
MSVOA_N
ClientSampleId :

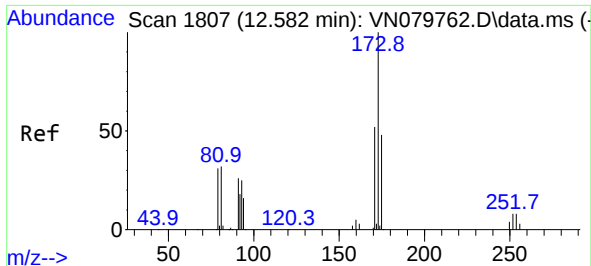
Tgt Ion: 95 Resp: 165649
Ion Ratio Lower Upper
95 100
174 74.4 0.0 143.8
176 71.7 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN080081.D
Acq: 14 Nov 2023 11:54

Tgt Ion: 117 Resp: 353691
Ion Ratio Lower Upper
117 100
82 62.9 44.0 66.0
119 31.5 25.6 38.4

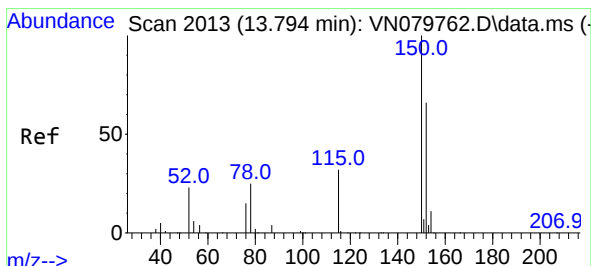
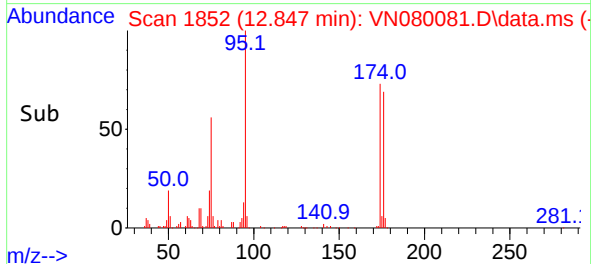
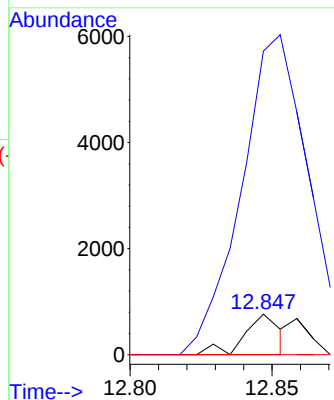
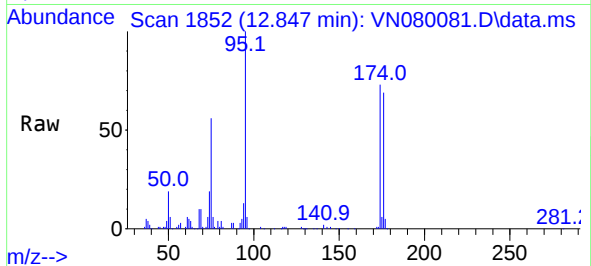




#71
Bromoform
Concen: 0.339 ug/l
RT: 12.847 min Scan# 1807
Delta R.T. 0.265 min
Lab File: VN080081.D
Acq: 14 Nov 2023 11:54

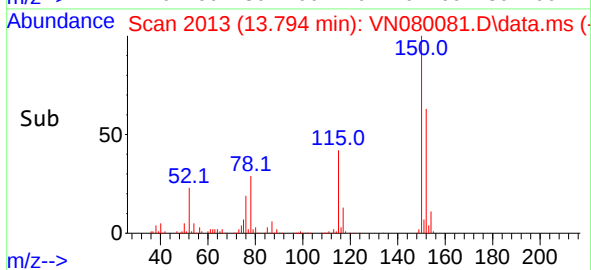
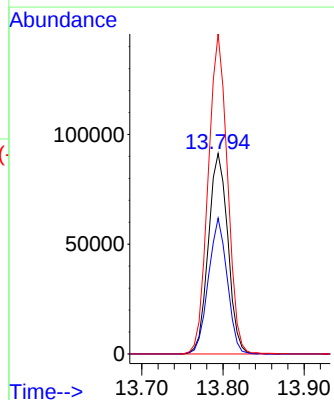
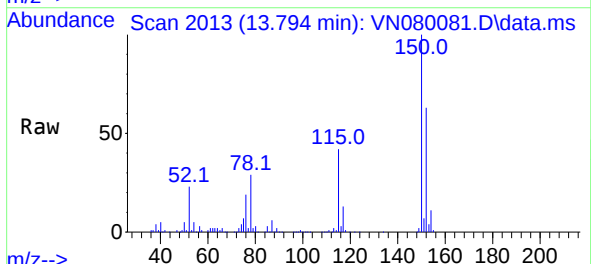
Instrument :
MSVOA_N
ClientSampleId :

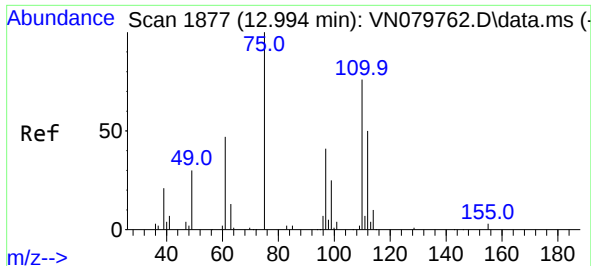
Tgt Ion:173 Resp: 666
Ion Ratio Lower Upper
173 100
175 1239.6 24.3 73.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080081.D
Acq: 14 Nov 2023 11:54

Tgt Ion:152 Resp: 152108
Ion Ratio Lower Upper
152 100
115 65.4 32.3 96.8
150 158.2 0.0 355.8

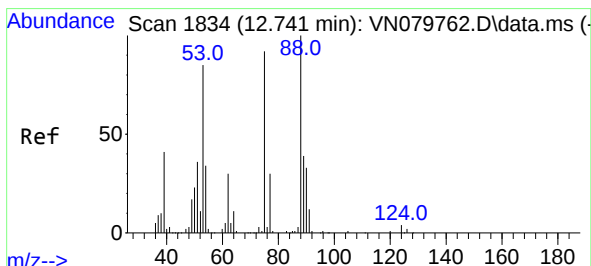
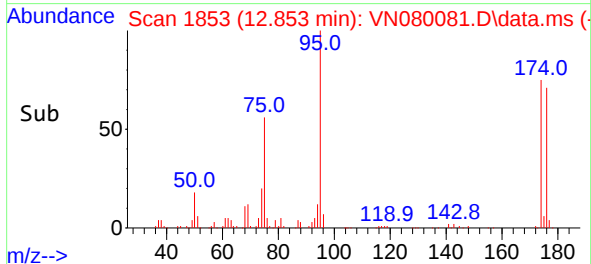
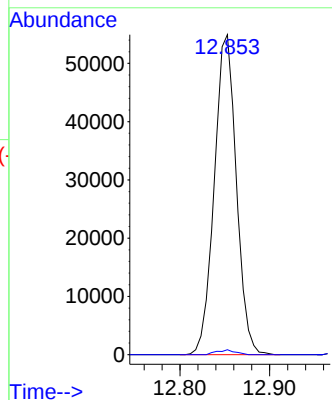
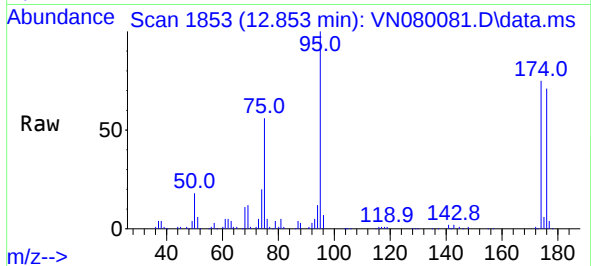




#76
1,2,3-Trichloropropane
Concen: 26.234 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN080081.D
Acq: 14 Nov 2023 11:54

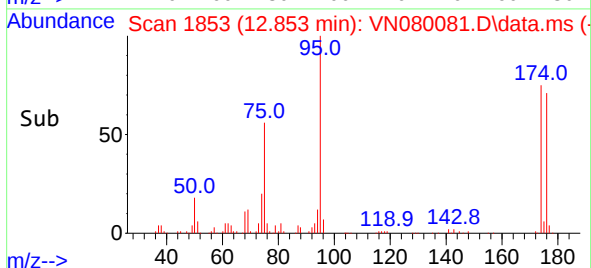
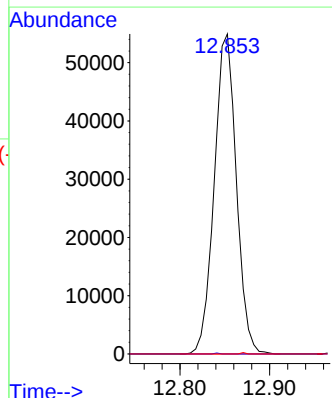
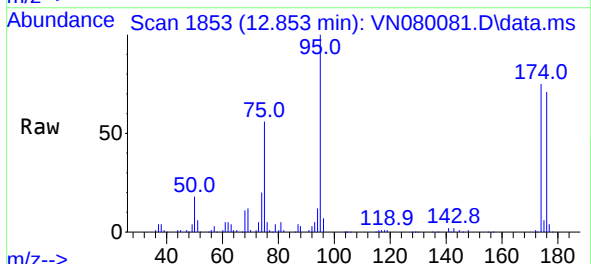
Instrument :
MSVOA_N
ClientSampleId :

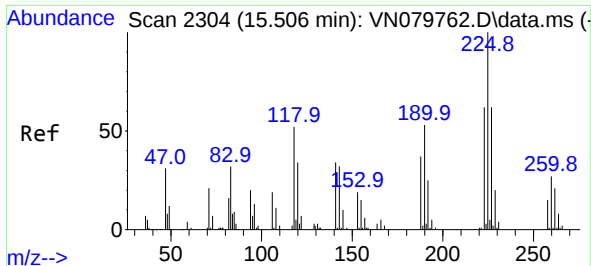
Tgt Ion: 75 Resp: 93684
Ion Ratio Lower Upper
75 100
77 1.3 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.377 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN080081.D
Acq: 14 Nov 2023 11:54

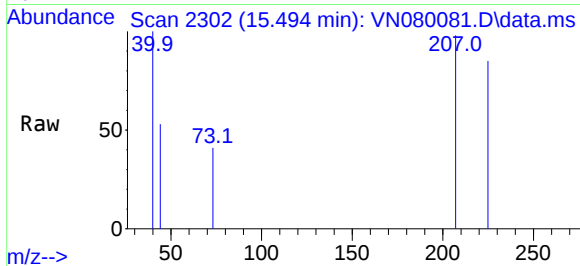
Tgt Ion: 75 Resp: 93684
Ion Ratio Lower Upper
75 100
53 0.1 67.4 101.2#
89 0.0 38.8 58.2#



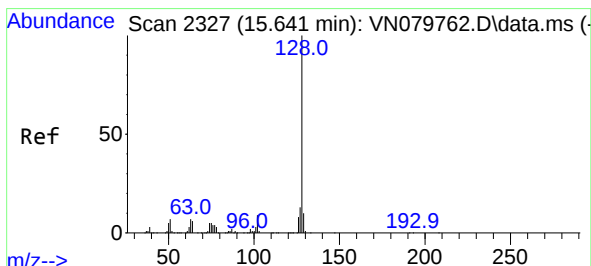
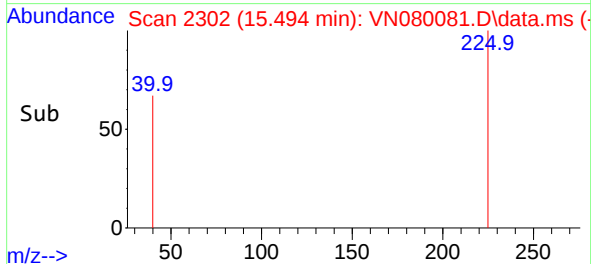
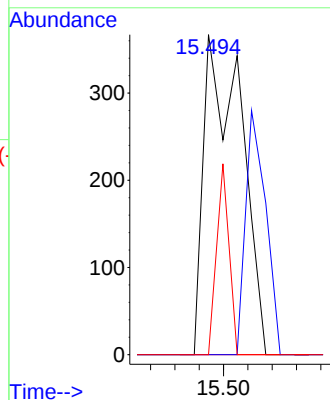


#94
Hexachlorobutadiene
Concen: 0.367 ug/l
RT: 15.494 min Scan# 21
Delta R.T. -0.012 min
Lab File: VN080081.D
Acq: 14 Nov 2023 11:54

Instrument :
MSVOA_N
ClientSampleId :

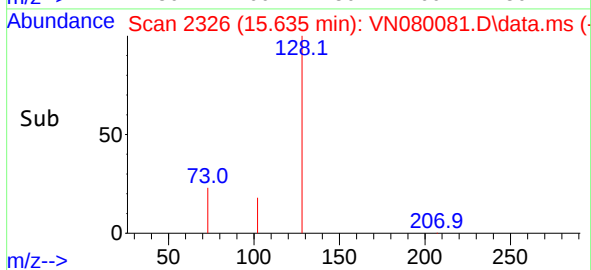
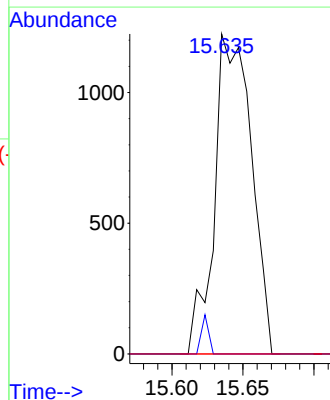
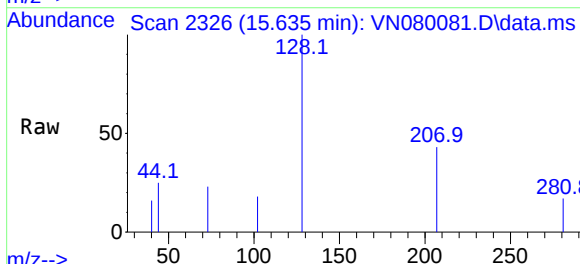


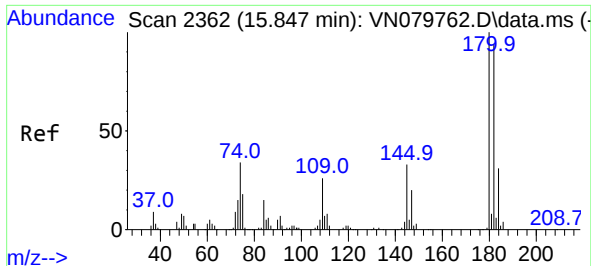
Tgt Ion:225 Resp: 393
Ion Ratio Lower Upper
225 100
223 40.7 31.3 93.8
227 19.6 31.9 95.9#



#95
Naphthalene
Concen: 0.277 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.006 min
Lab File: VN080081.D
Acq: 14 Nov 2023 11:54

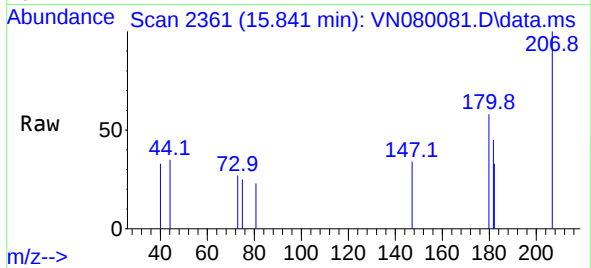
Tgt Ion:128 Resp: 2216
Ion Ratio Lower Upper
128 100
127 2.4 10.0 15.0#
129 0.0 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.347 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN080081.D
 Acq: 14 Nov 2023 11:54

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	803
Ion	Ratio	Lower	Upper
180	100		
182	62.9	46.2	138.6
145	0.0	17.5	52.6#

