

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112723\
 Data File : VN080272.D
 Acq On : 27 Nov 2023 13:52
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 28 02:07:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

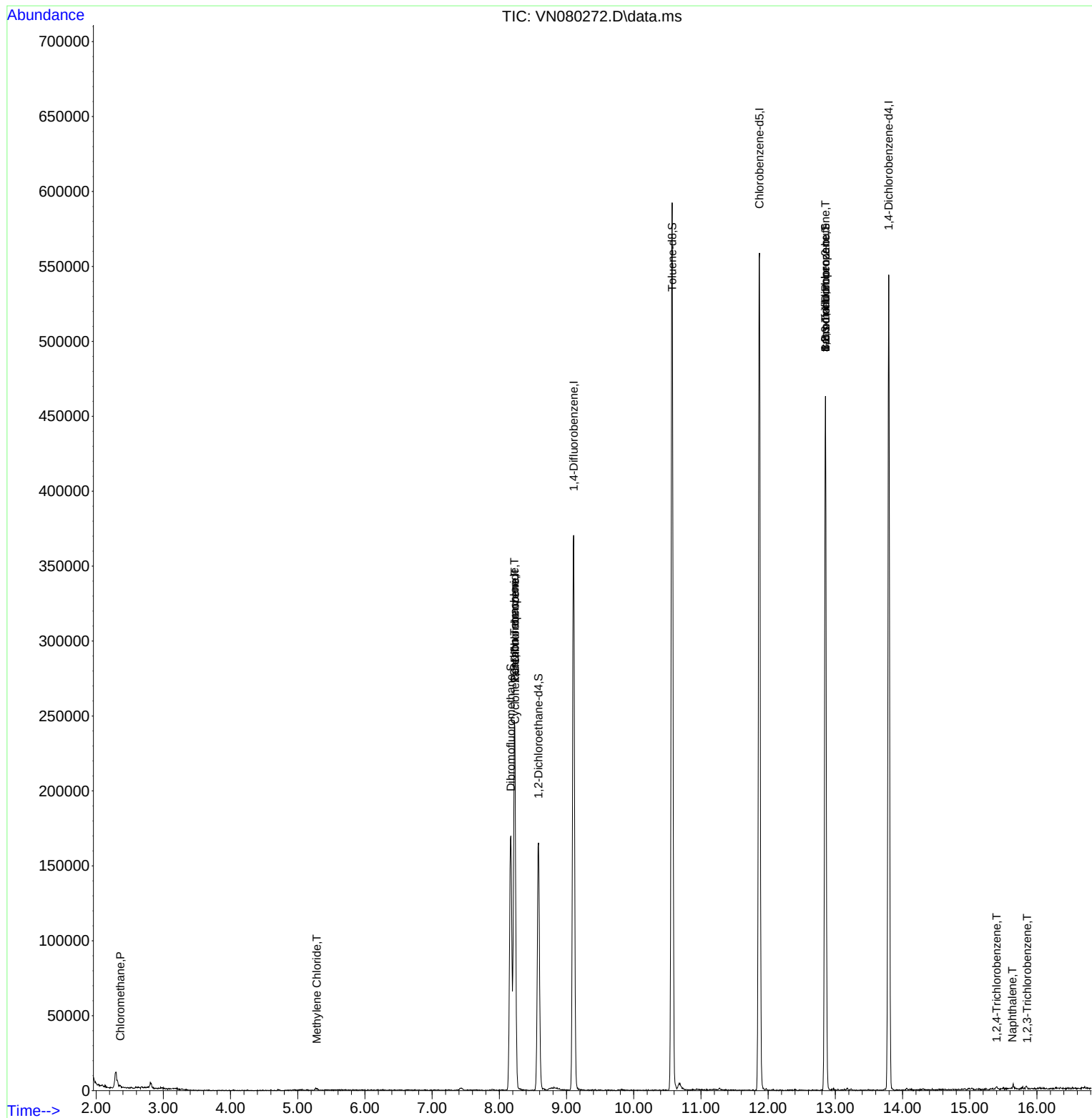
Internal Standards						
1) Pentafluorobenzene	8.230	168	172713	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	317385	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	328512	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	148256	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	153273	53.747	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.500%	
35) Dibromofluoromethane	8.171	113	122337	52.239	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.480%	
50) Toluene-d8	10.571	98	418045	49.520	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.040%	
62) 4-Bromofluorobenzene	12.853	95	159747	50.098	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.200%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	404	0.209	ug/l #	42
6) Chloroethane	3.148	64	199	Below Cal	#	43
20) Methylene Chloride	5.283	84	660	0.329	ug/l #	52
31) Cyclohexane	8.236	56	4216	1.359	ug/l #	31
36) 1,1-Dichloropropene	8.230	75	13965	4.119	ug/l #	52
38) Carbon Tetrachloride	8.224	117	20450	4.753	ug/l #	15
71) Bromoform	12.853	173	790	0.369	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	89341	24.595	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	89341	83.095	ug/l #	15
93) 1,2,4-Trichlorobenzene	15.400	180	718	0.247	ug/l	86
95) Naphthalene	15.635	128	2870	0.340	ug/l #	85
96) 1,2,3-Trichlorobenzene	15.853	180	879	0.322	ug/l #	86

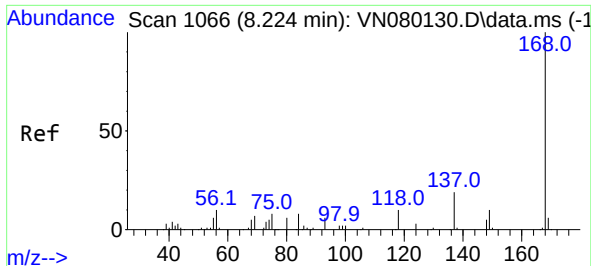
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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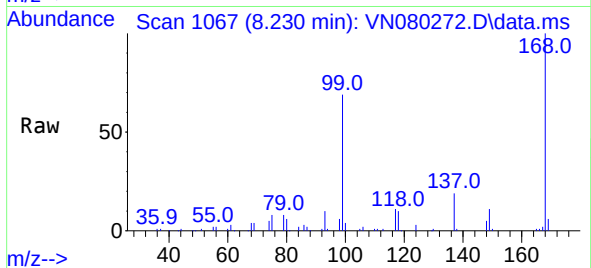
Quant Time: Nov 28 02:07:49 2023
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Quant Title : SW846 8260
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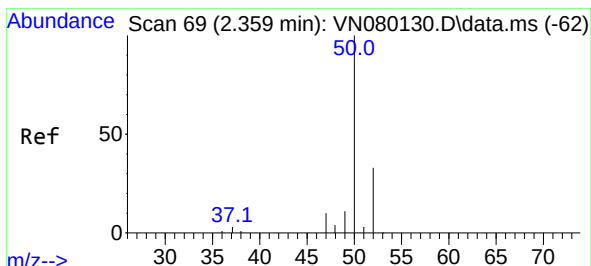
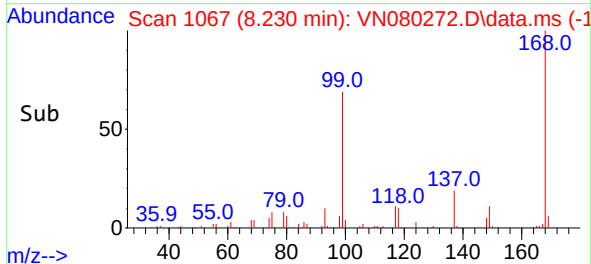
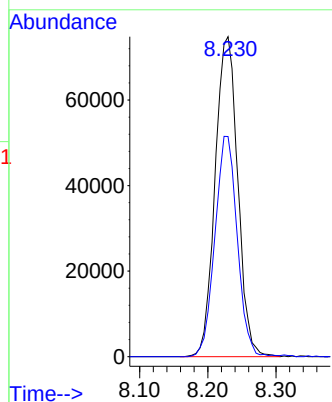


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN080272.D
Acq: 27 Nov 2023 13:52

Instrument :
MSVOA_N
ClientSampleId :

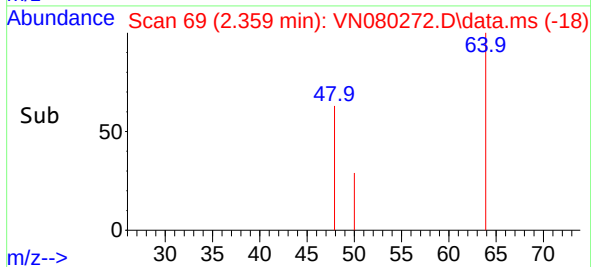
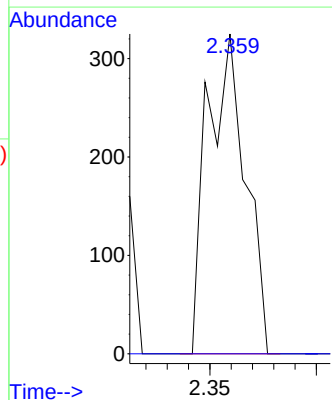
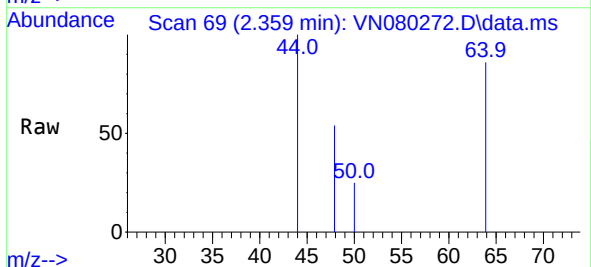


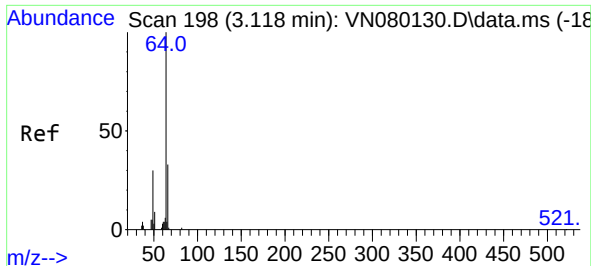
Tgt Ion:168 Resp: 172713
Ion Ratio Lower Upper
168 100
99 68.8 53.0 79.6



#3
Chloromethane
Concen: 0.209 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN080272.D
Acq: 27 Nov 2023 13:52

Tgt Ion: 50 Resp: 404
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#

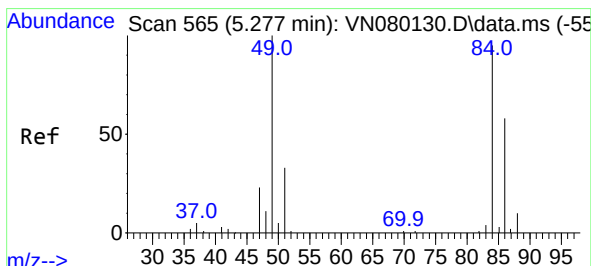
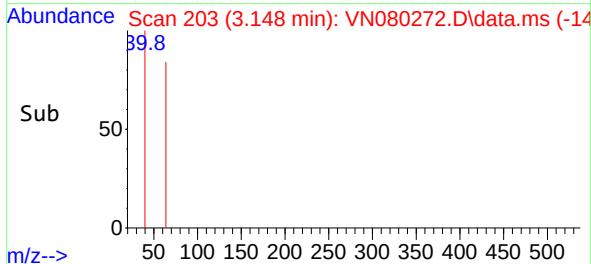
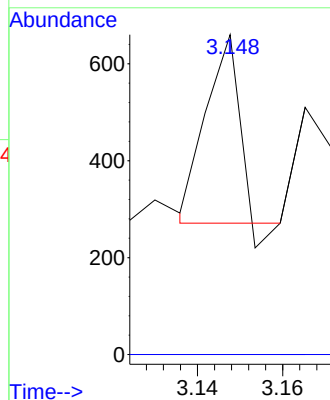
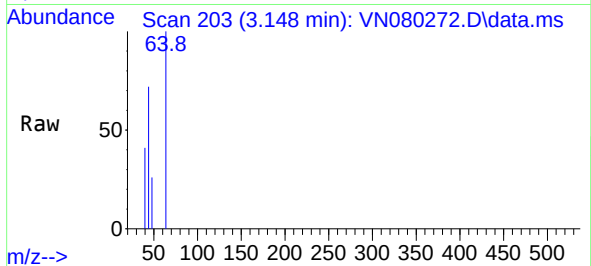




#6
Chloroethane
Concen: Below Cal
RT: 3.148 min Scan# 20
Delta R.T. 0.030 min
Lab File: VN080272.D
Acq: 27 Nov 2023 13:52

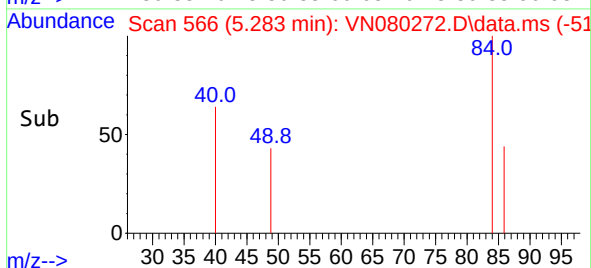
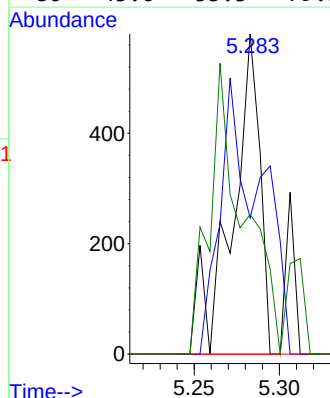
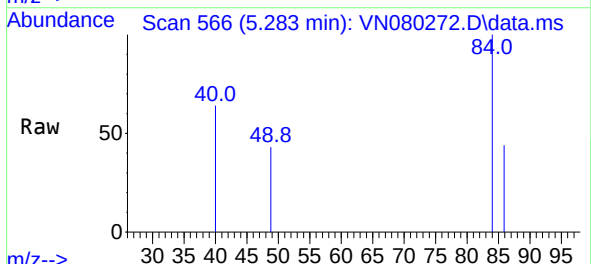
Instrument :
MSVOA_N
ClientSampleId :

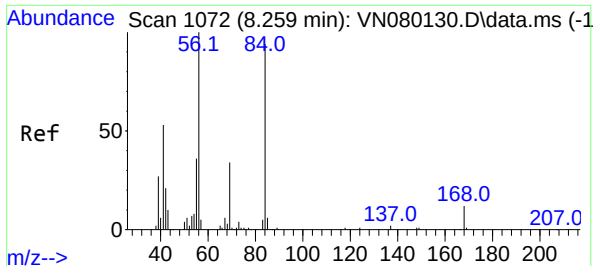
Tgt Ion: 64 Resp: 199
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#20
Methylene Chloride
Concen: 0.329 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN080272.D
Acq: 27 Nov 2023 13:52

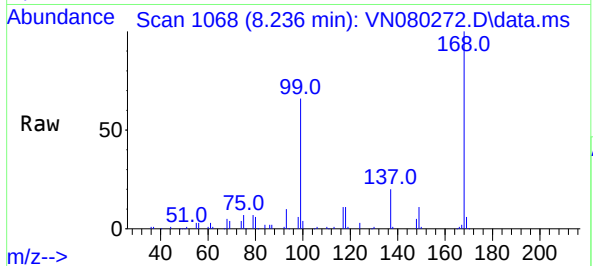
Tgt Ion: 84 Resp: 660
Ion Ratio Lower Upper
84 100
49 42.6 79.7 119.5#
51 0.0 25.2 37.8#
86 43.6 53.3 79.9#



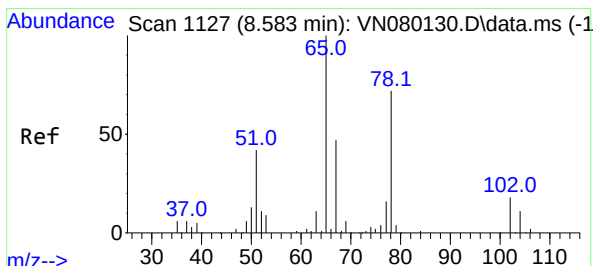
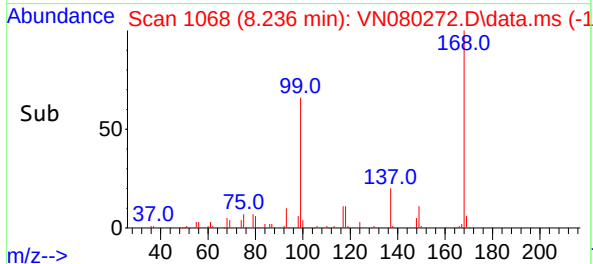
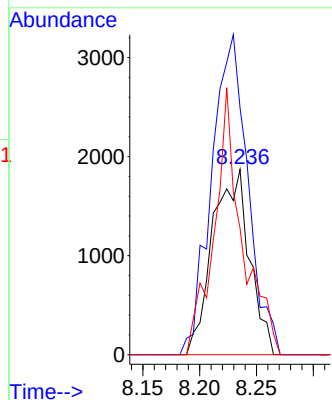


#31
Cyclohexane
Concen: 1.359 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.024 min
Lab File: VN080272.D
Acq: 27 Nov 2023 13:52

Instrument :
MSVOA_N
ClientSampleId :

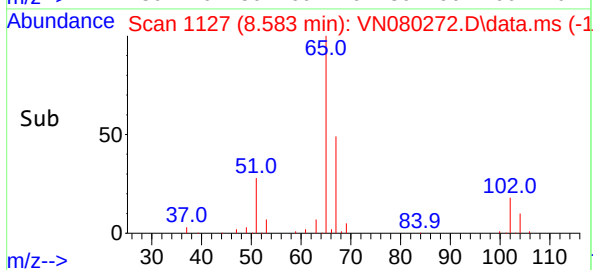
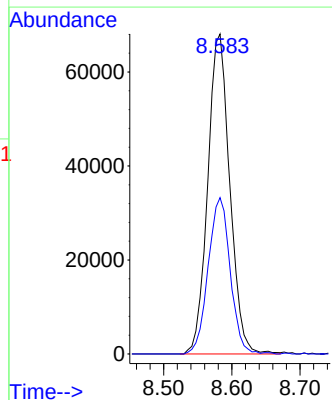
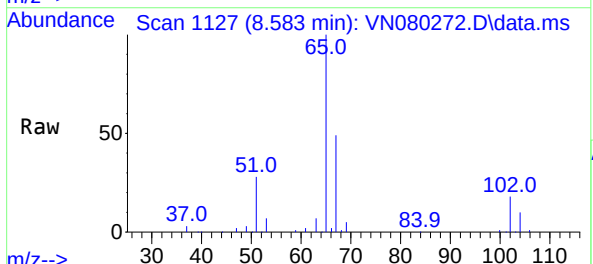


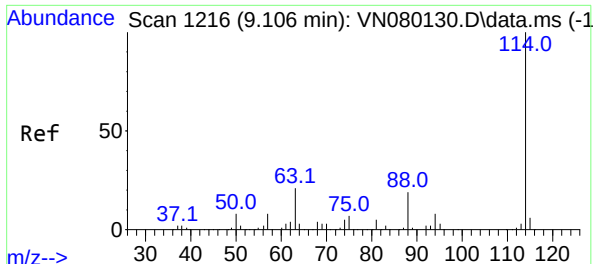
Tgt Ion: 56 Resp: 4216
Ion Ratio Lower Upper
56 100
69 133.2 26.8 40.2#
84 68.3 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 53.747 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080272.D
Acq: 27 Nov 2023 13:52

Tgt Ion: 65 Resp: 153273
Ion Ratio Lower Upper
65 100
67 48.8 0.0 106.6

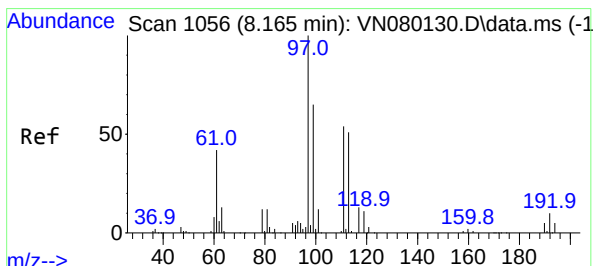
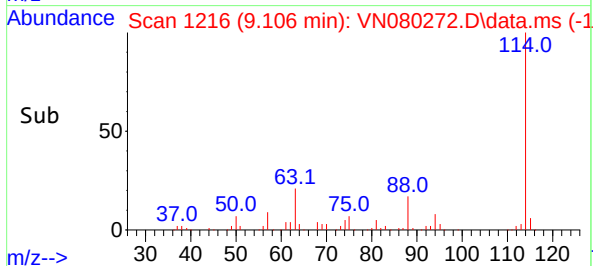
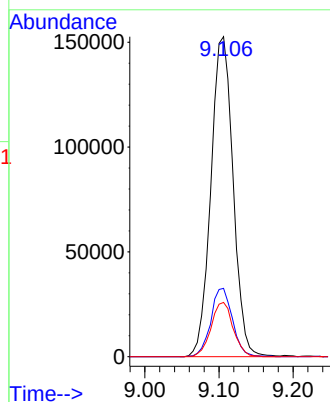
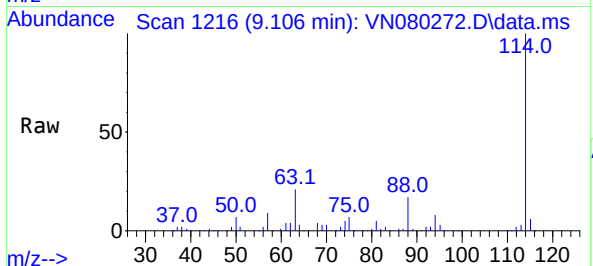




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080272.D
Acq: 27 Nov 2023 13:52

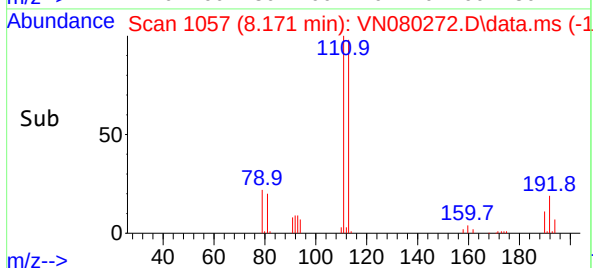
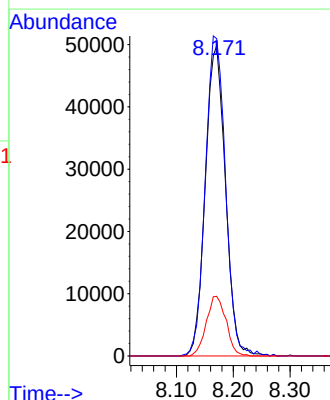
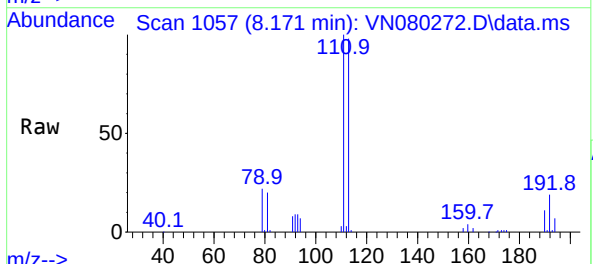
Instrument :
MSVOA_N
ClientSampleId :

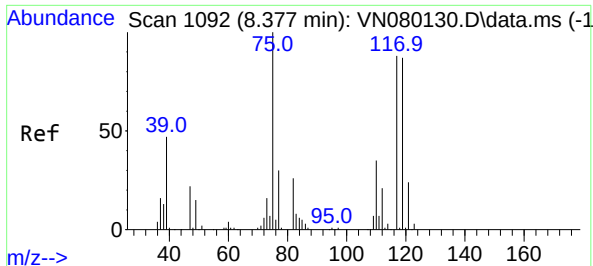
Tgt Ion:114 Resp: 317385
Ion Ratio Lower Upper
114 100
63 21.3 0.0 36.4
88 16.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 52.239 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080272.D
Acq: 27 Nov 2023 13:52

Tgt Ion:113 Resp: 122337
Ion Ratio Lower Upper
113 100
111 103.4 82.6 123.8
192 18.9 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.119 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.147 min

Lab File: VN080272.D

Acq: 27 Nov 2023 13:52

Instrument :

MSVOA_N

ClientSampleId :

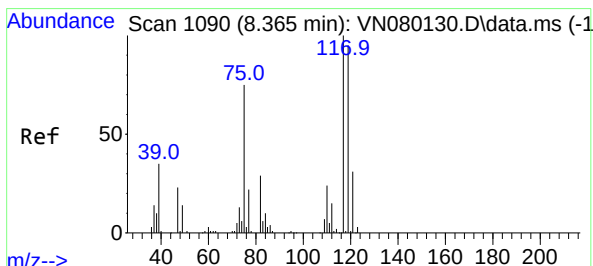
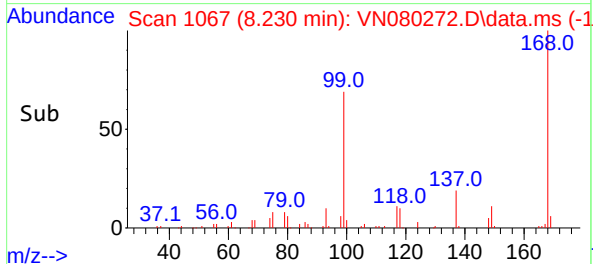
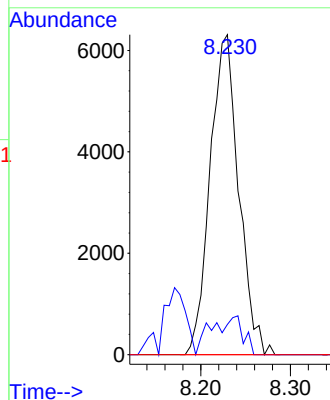
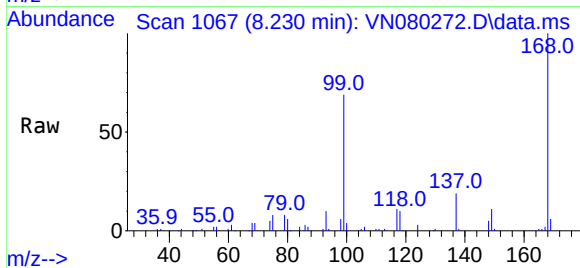
Tgt Ion: 75 Resp: 13965

Ion Ratio Lower Upper

75 100

110 13.3 19.1 57.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 4.753 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN080272.D

Acq: 27 Nov 2023 13:52

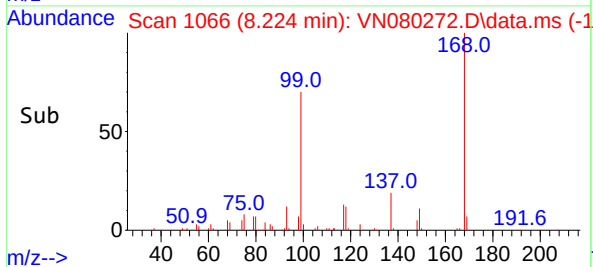
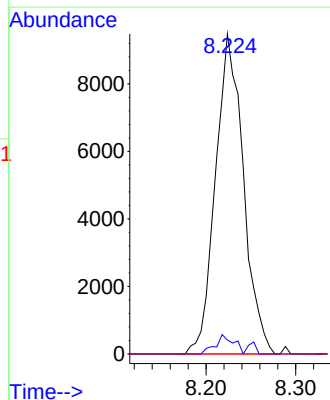
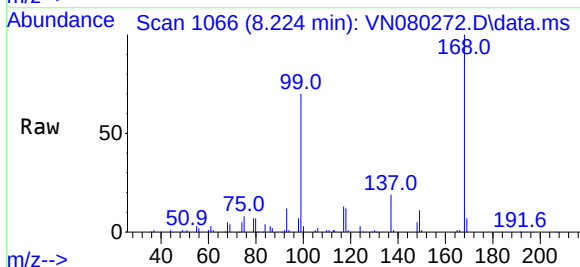
Tgt Ion: 117 Resp: 20450

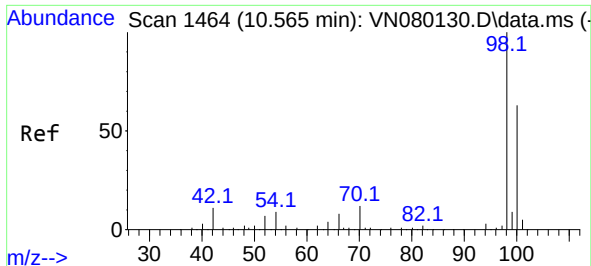
Ion Ratio Lower Upper

117 100

119 4.3 77.3 115.9#

121 0.0 23.3 34.9#

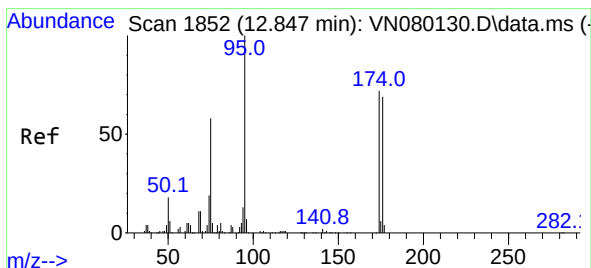
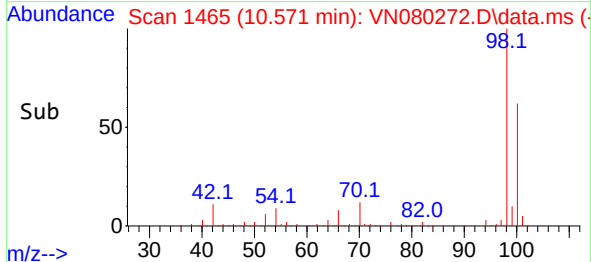
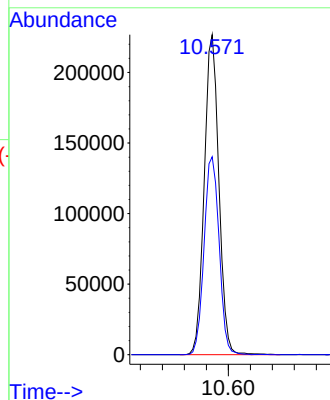
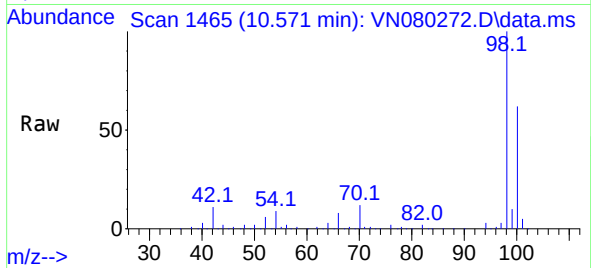




#50
Toluene-d8
Concen: 49.520 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080272.D
Acq: 27 Nov 2023 13:52

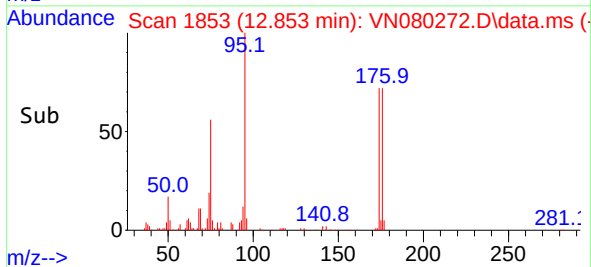
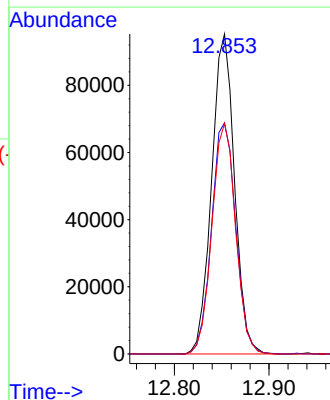
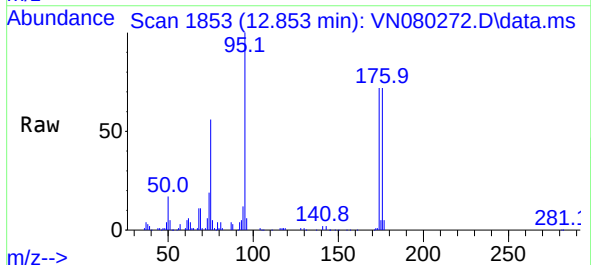
Instrument :
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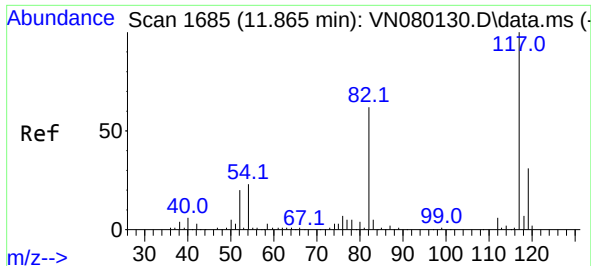
Tgt Ion: 98 Resp: 418045
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 50.098 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080272.D
Acq: 27 Nov 2023 13:52

Tgt Ion: 95 Resp: 159747
Ion Ratio Lower Upper
95 100
174 76.4 0.0 143.8
176 74.4 0.0 135.8

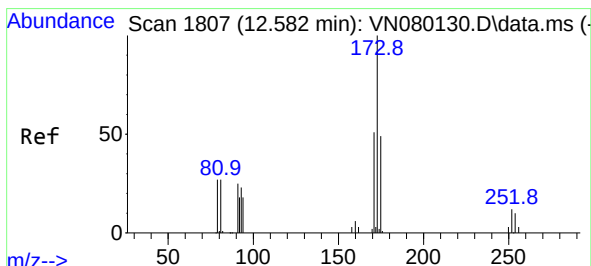
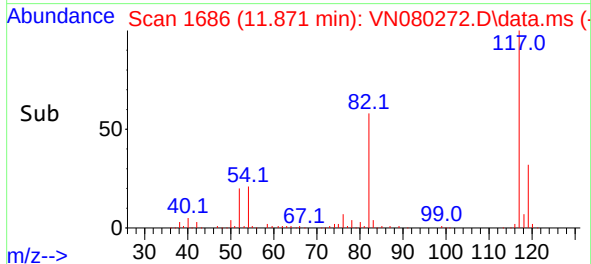
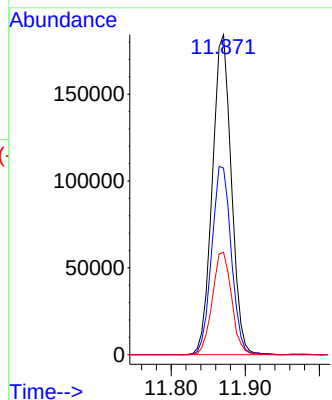
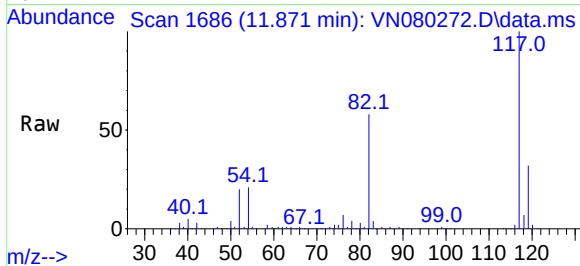




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080272.D
Acq: 27 Nov 2023 13:52

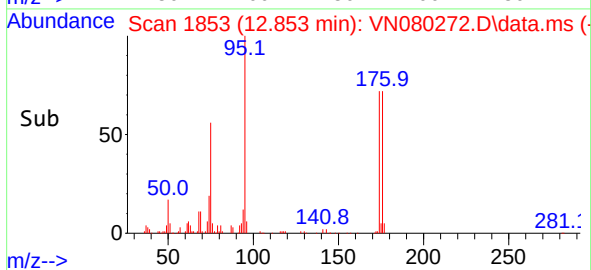
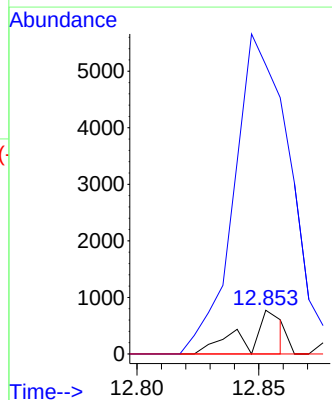
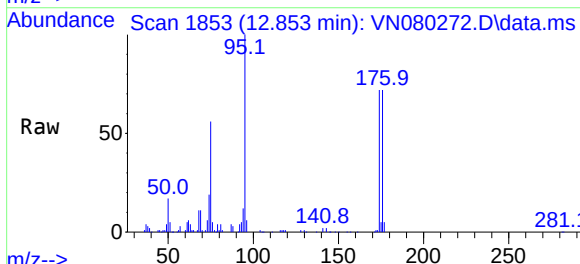
Instrument :
MSVOA_N
ClientSampleId :

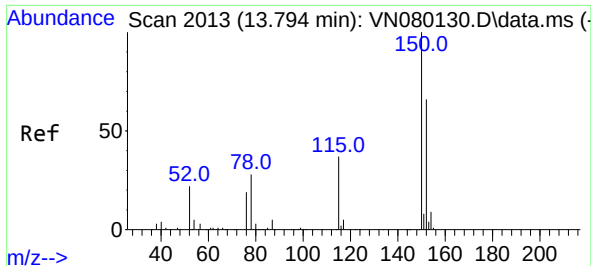
Tgt Ion:117 Resp: 328512
Ion Ratio Lower Upper
117 100
82 58.3 44.0 66.0
119 32.1 25.6 38.4



#71
Bromoform
Concen: 0.369 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.271 min
Lab File: VN080272.D
Acq: 27 Nov 2023 13:52

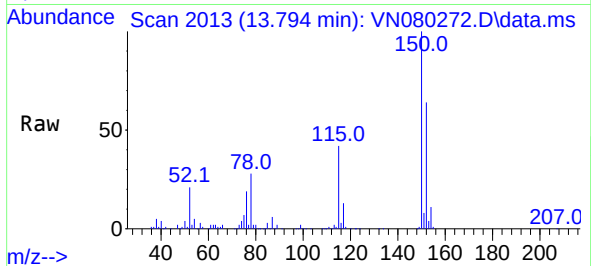
Tgt Ion:173 Resp: 790
Ion Ratio Lower Upper
173 100
175 936.8 24.3 73.0#
254 0.0 0.0 0.0



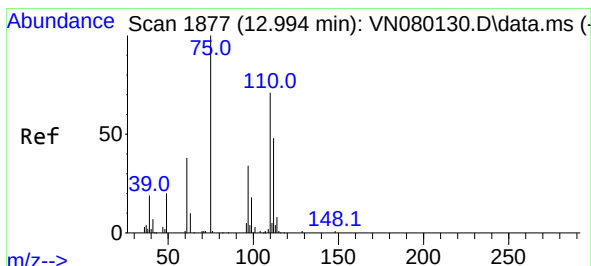
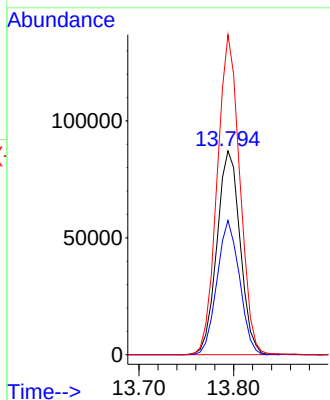
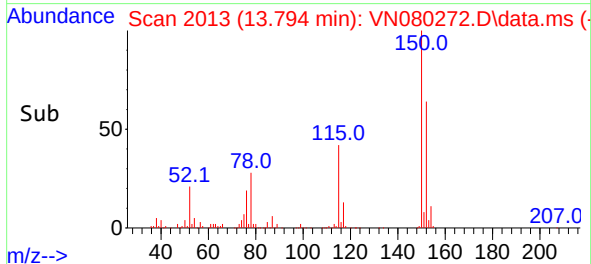


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN080272.D
Acq: 27 Nov 2023 13:52

Instrument :
MSVOA_N
ClientSampleId :

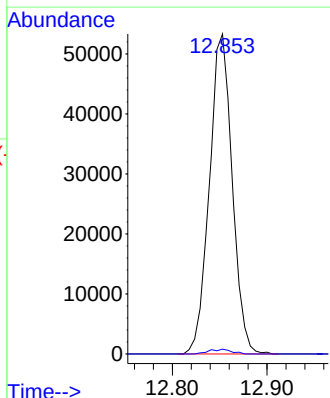
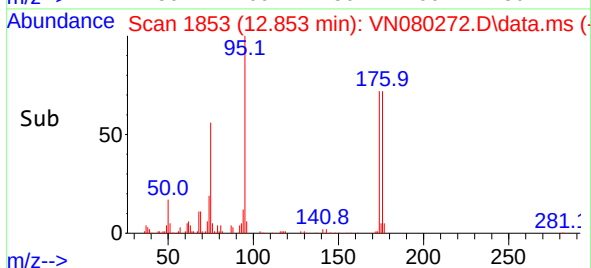
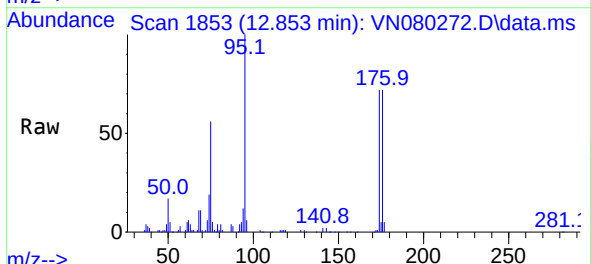


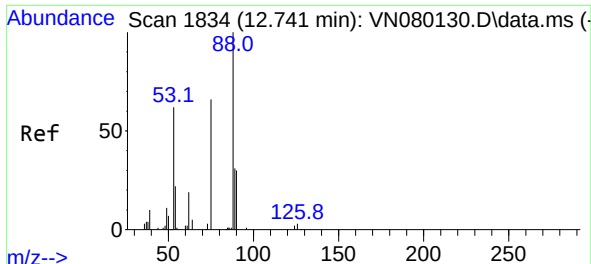
Tgt Ion:152 Resp: 148256
Ion Ratio Lower Upper
152 100
115 64.0 32.3 96.8
150 153.6 0.0 355.8



#76
1,2,3-Trichloropropane
Concen: 24.595 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN080272.D
Acq: 27 Nov 2023 13:52

Tgt Ion: 75 Resp: 89341
Ion Ratio Lower Upper
75 100
77 1.4 84.5 253.5#

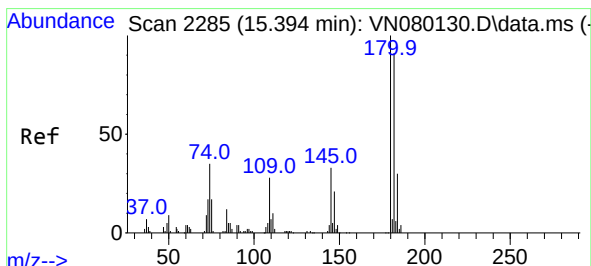
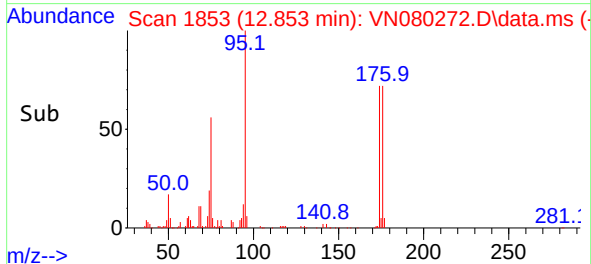
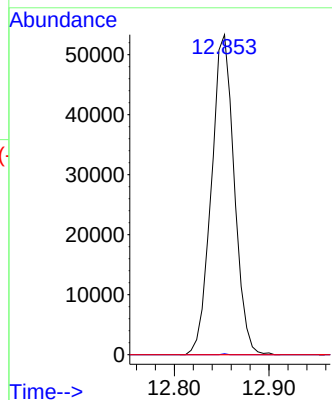
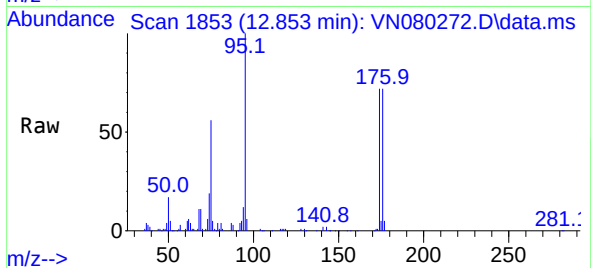




#81
trans-1,4-Dichloro-2-butene
Concen: 83.095 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN080272.D
Acq: 27 Nov 2023 13:52

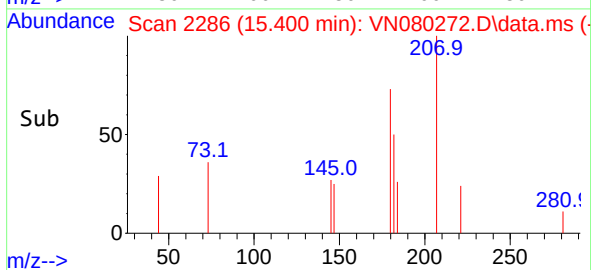
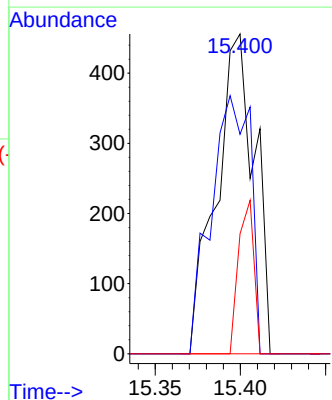
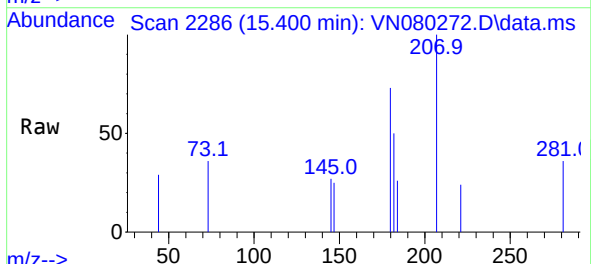
Instrument :
MSVOA_N
ClientSampleId :

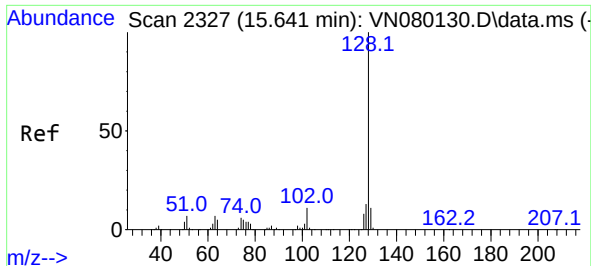
Tgt Ion: 75 Resp: 89341
Ion Ratio Lower Upper
75 100
53 0.1 67.4 101.2#
89 0.0 38.8 58.2#



#93
1,2,4-Trichlorobenzene
Concen: 0.247 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. 0.006 min
Lab File: VN080272.D
Acq: 27 Nov 2023 13:52

Tgt Ion:180 Resp: 718
Ion Ratio Lower Upper
180 100
182 82.7 46.1 138.2
145 19.2 16.6 49.8

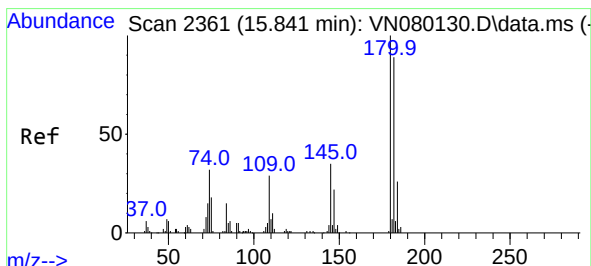
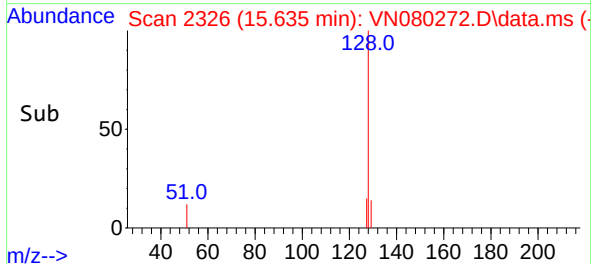
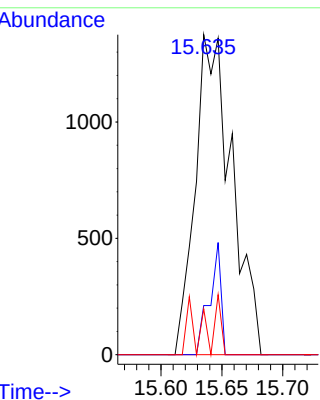
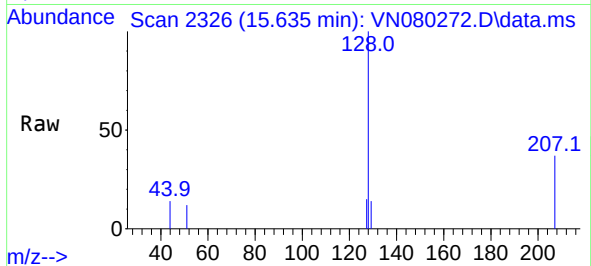




#95
Naphthalene
Concen: 0.340 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN080272.D
Acq: 27 Nov 2023 13:52

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 2870
Ion Ratio Lower Upper
128 100
127 11.1 10.0 15.0
129 0.0 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.322 ug/l
RT: 15.853 min Scan# 2363
Delta R.T. 0.012 min
Lab File: VN080272.D
Acq: 27 Nov 2023 13:52

Tgt Ion:180 Resp: 879
Ion Ratio Lower Upper
180 100
182 96.9 46.2 138.6
145 13.8 17.5 52.6#

