

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022724\
 Data File : VN081210.D
 Acq On : 27 Feb 2024 11:17
 Operator : JC\MD
 Sample : VN0227WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0227WBL01

Quant Time: Feb 28 04:13:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

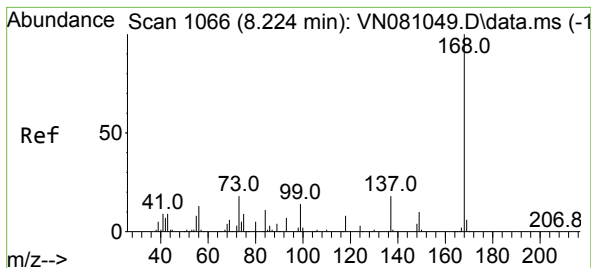
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	359121	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	652411	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	574256	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	223915	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	237938	54.055	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.100%	
35) Dibromofluoromethane	8.171	113	189086	51.254	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.500%	
50) Toluene-d8	10.571	98	722154	55.114	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.220%	
62) 4-Bromofluorobenzene	12.853	95	231093	46.937	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.880%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	1043	Below Cal	#	63
5) Bromomethane	2.965	94	1163	0.317	ug/l #	68
6) Chloroethane	3.101	64	213	Below Cal	#	42
13) Acrolein	4.177	56	381	0.878	ug/l #	10
20) Methylene Chloride	5.277	84	438	Below Cal	#	54
31) Cyclohexane	8.224	56	9388	1.235	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	33220	5.256	ug/l #	50
38) Carbon Tetrachloride	8.224	117	41417	6.477	ug/l #	20
43) Isopropyl Acetate	8.688	43	2024	0.203	ug/l #	57
51) 4-Methyl-2-Pentanone	10.571	43	3173	0.553	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	128805	25.318	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	128805	65.166	ug/l #	14

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081210.D

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Instrument :

MSVOA_N

ClientSampleId :

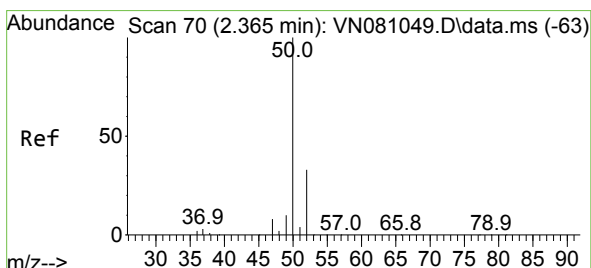
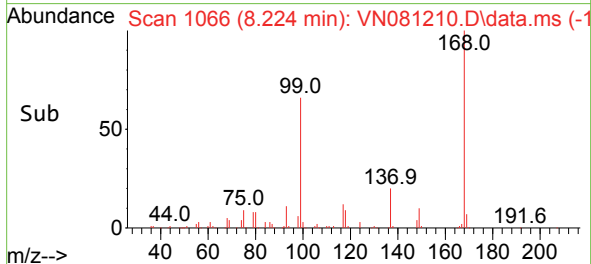
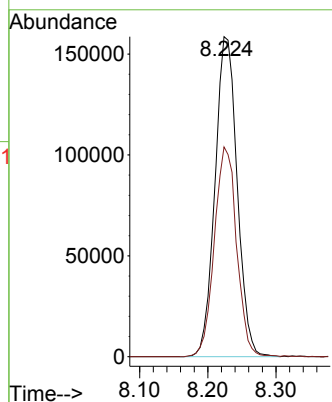
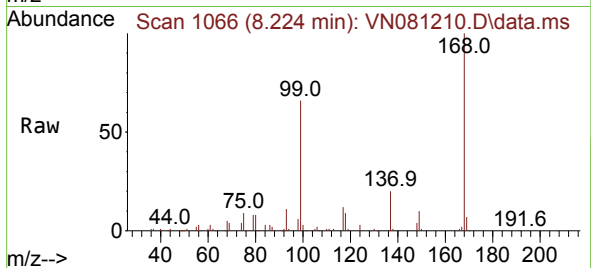
VN0227WBL01

Tgt Ion:168 Resp: 359121

Ion Ratio Lower Upper

168 100

99 65.6 59.9 89.9



#3

Chloromethane

Concen: Below Cal

RT: 2.365 min Scan# 70

Delta R.T. 0.000 min

Lab File: VN081210.D

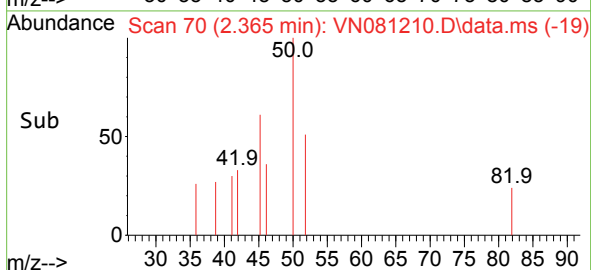
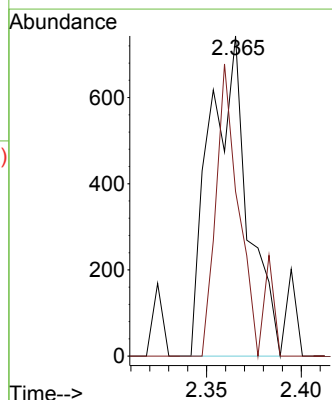
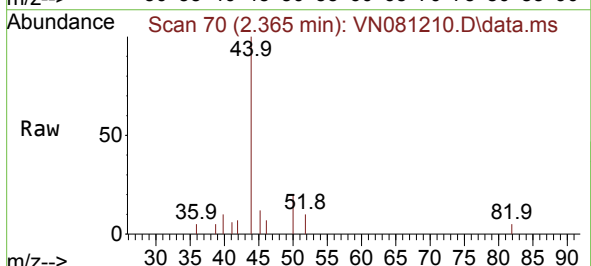
Acq: 27 Feb 2024 11:17

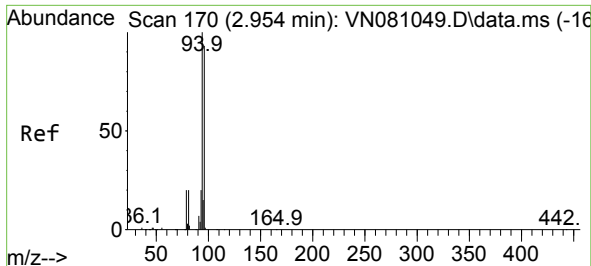
Tgt Ion: 50 Resp: 1043

Ion Ratio Lower Upper

50 100

52 51.4 25.0 37.4#

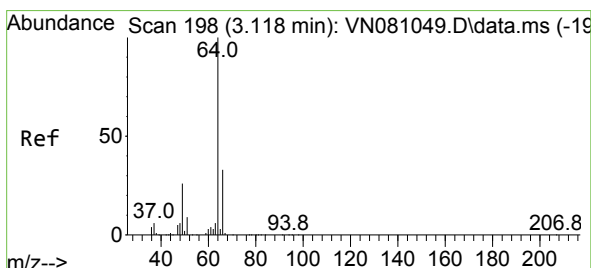
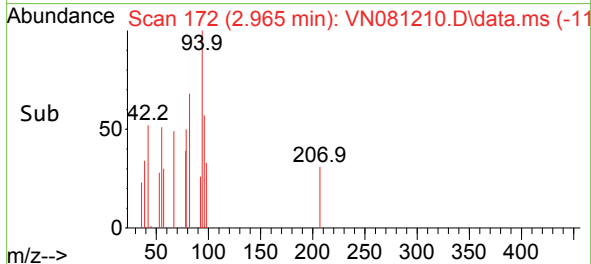
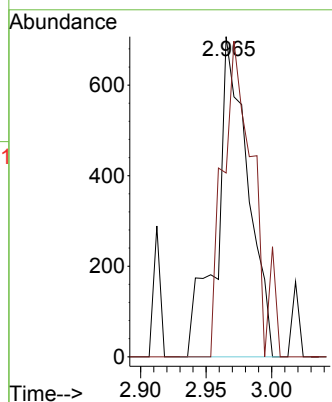
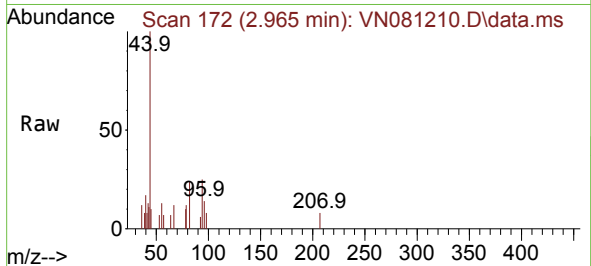




#5
Bromomethane
Concen: 0.317 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN081210.D
Acq: 27 Feb 2024 11:17

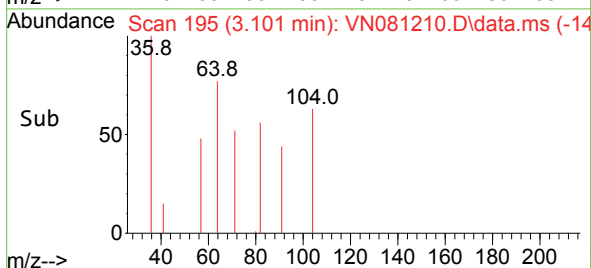
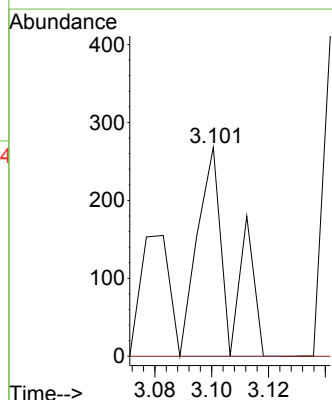
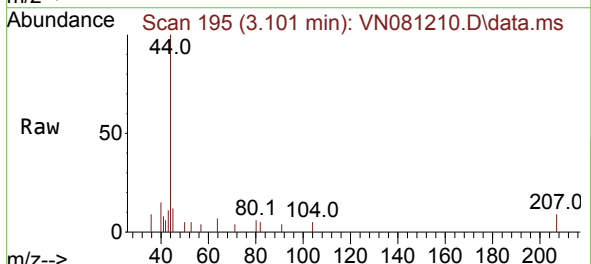
Instrument :
MSVOA_N
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VN0227WBL01

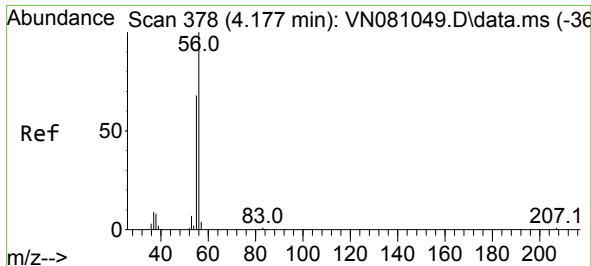
Tgt Ion: 94 Resp: 1163
Ion Ratio Lower Upper
94 100
96 57.4 69.2 103.8#



#6
Chloroethane
Concen: Below Cal
RT: 3.101 min Scan# 195
Delta R.T. -0.017 min
Lab File: VN081210.D
Acq: 27 Feb 2024 11:17

Tgt Ion: 64 Resp: 213
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#

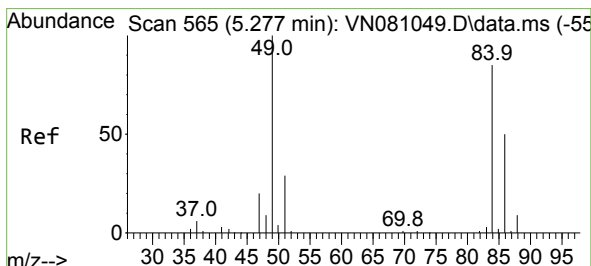
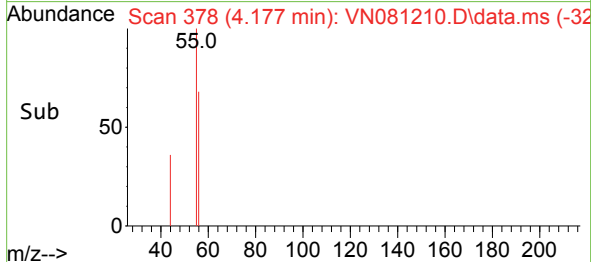
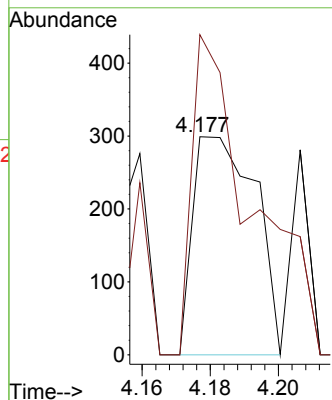
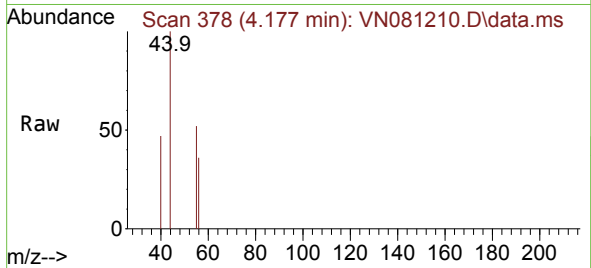




#13
Acrolein
Concen: 0.878 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN081210.D
Acq: 27 Feb 2024 11:17

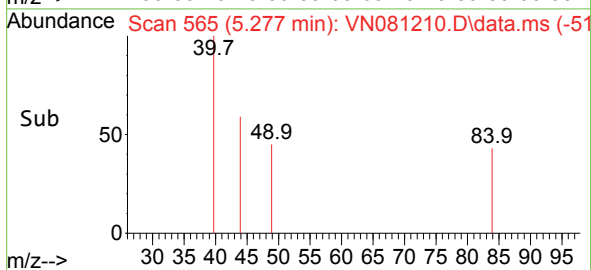
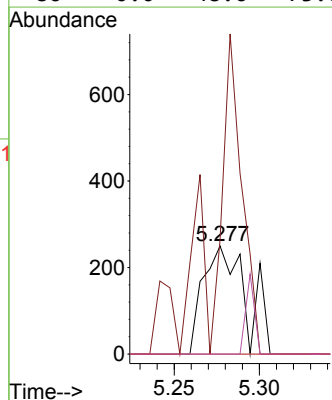
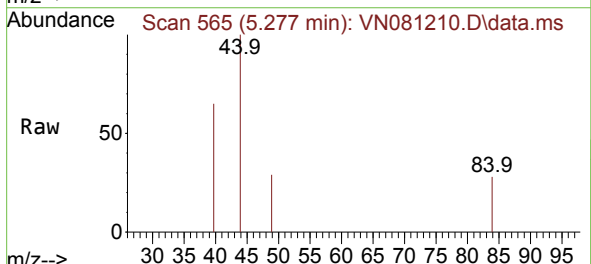
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBL01

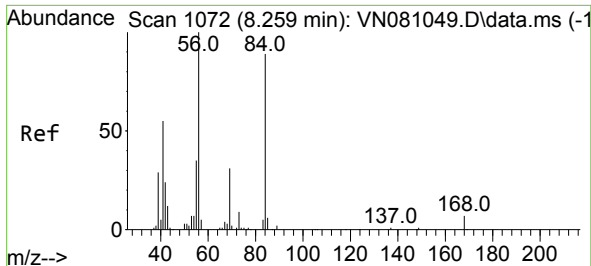
Tgt Ion: 56 Resp: 381
Ion Ratio Lower Upper
56 100
55 142.5 55.3 82.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN081210.D
Acq: 27 Feb 2024 11:17

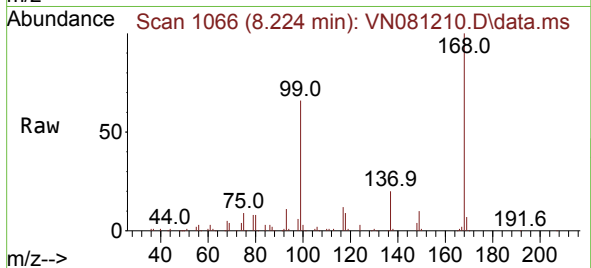
Tgt Ion: 84 Resp: 438
Ion Ratio Lower Upper
84 100
49 105.6 108.1 162.1#
51 0.0 32.9 49.3#
86 0.0 48.6 73.0#



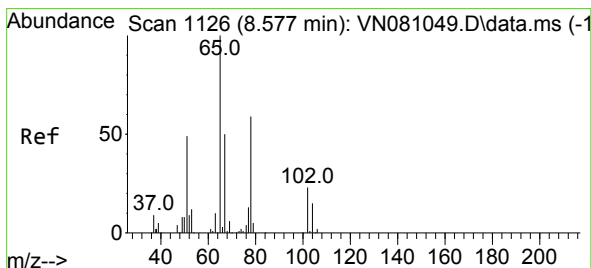
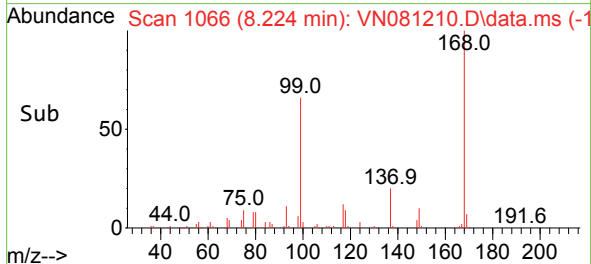
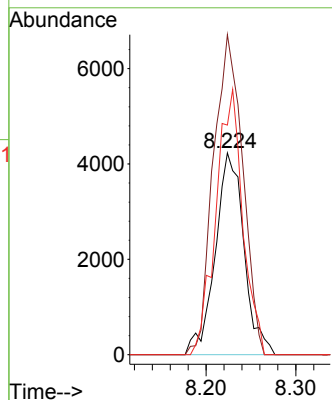


#31
Cyclohexane
Concen: 1.235 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081210.D
Acq: 27 Feb 2024 11:17

Instrument :
MSVOA_N
ClientSampleId :
VN0227WBL01

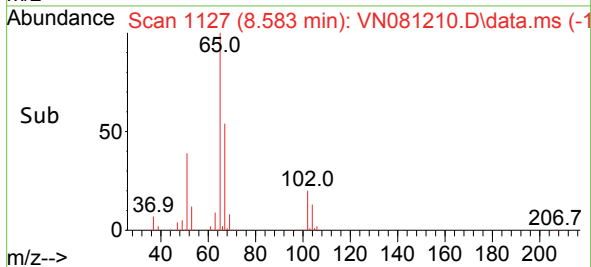
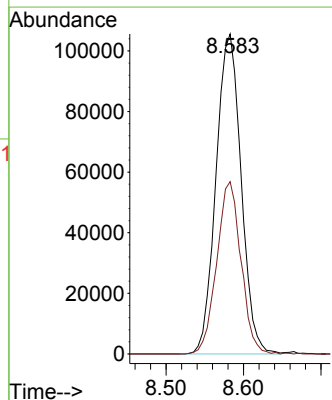
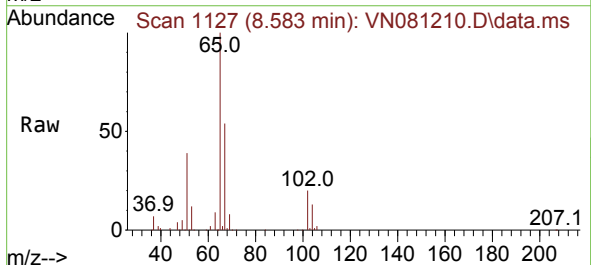


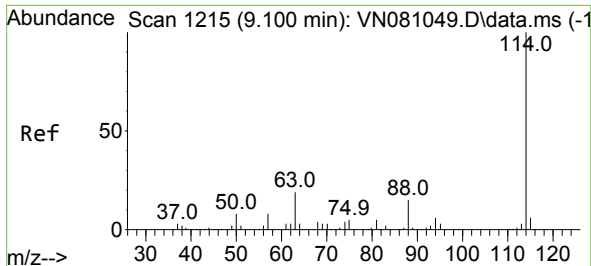
Tgt Ion: 56 Resp: 9388
Ion Ratio Lower Upper
56 100
69 158.6 20.1 30.1#
84 113.8 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 54.055 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081210.D
Acq: 27 Feb 2024 11:17

Tgt Ion: 65 Resp: 237938
Ion Ratio Lower Upper
65 100
67 52.0 0.0 102.4

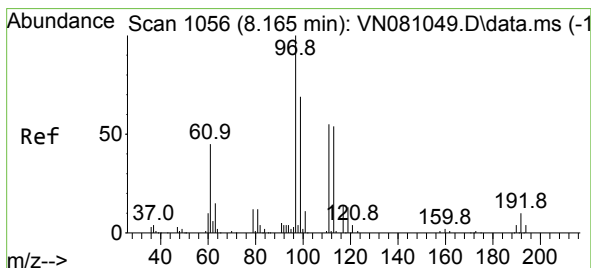
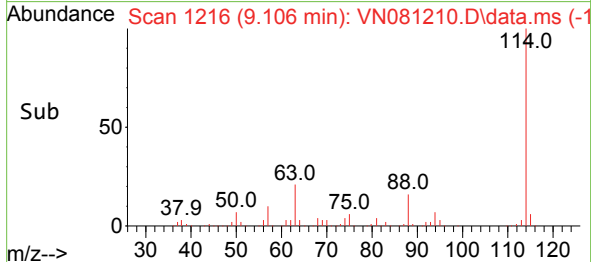
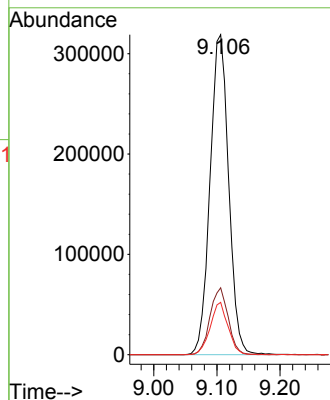
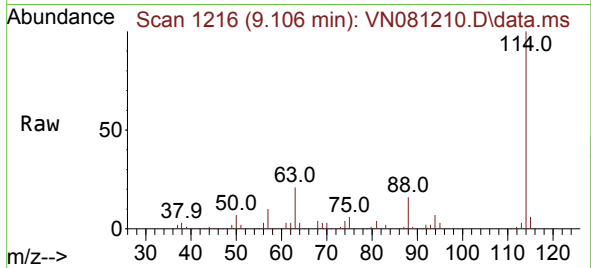




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081210.D
Acq: 27 Feb 2024 11:17

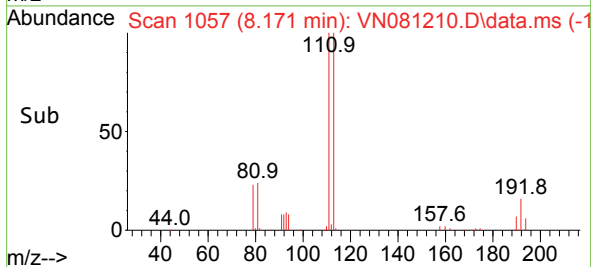
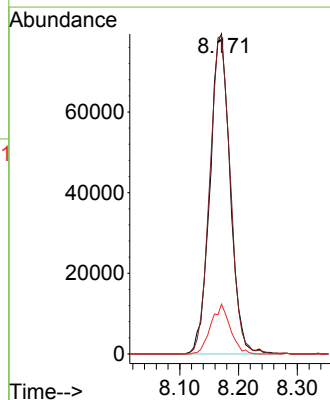
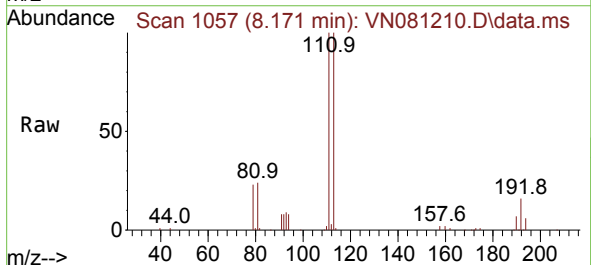
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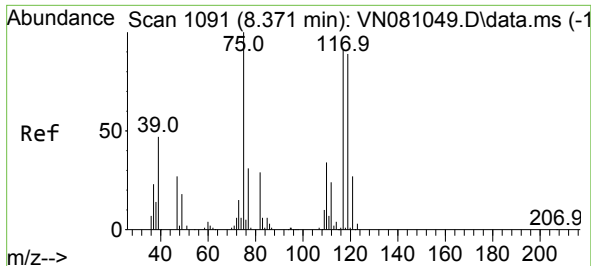
Tgt Ion:114 Resp: 652411
Ion Ratio Lower Upper
114 100
63 20.9 0.0 48.0
88 16.4 0.0 34.8



#35
Dibromofluoromethane
Concen: 51.254 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081210.D
Acq: 27 Feb 2024 11:17

Tgt Ion:113 Resp: 189086
Ion Ratio Lower Upper
113 100
111 101.0 82.2 123.4
192 14.9 12.5 18.7

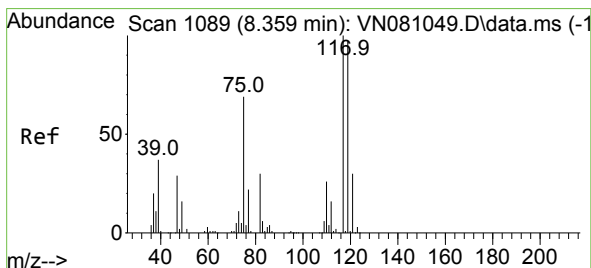
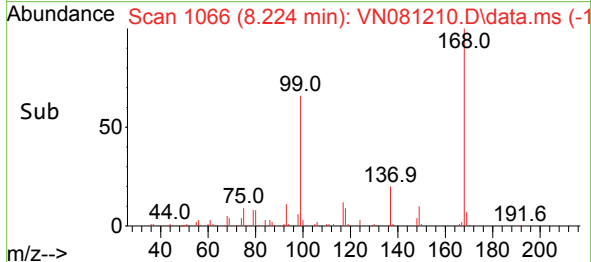
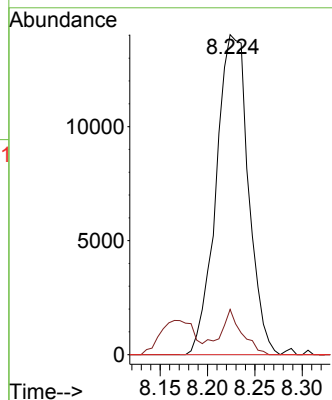
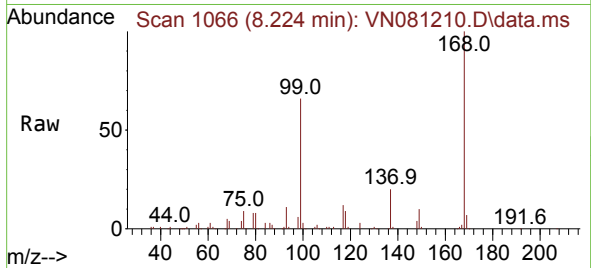




#36
 1,1-Dichloropropene
 Concen: 5.256 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.147 min
 Lab File: VN081210.D
 Acq: 27 Feb 2024 11:17

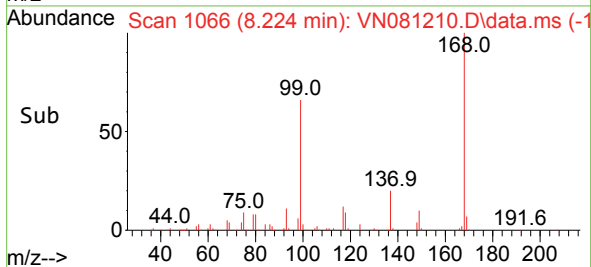
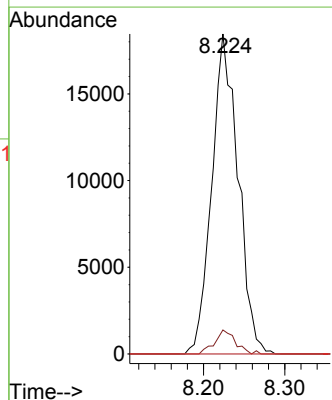
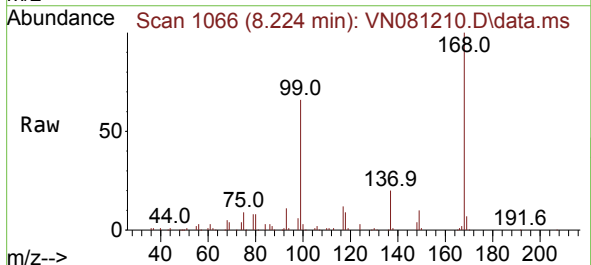
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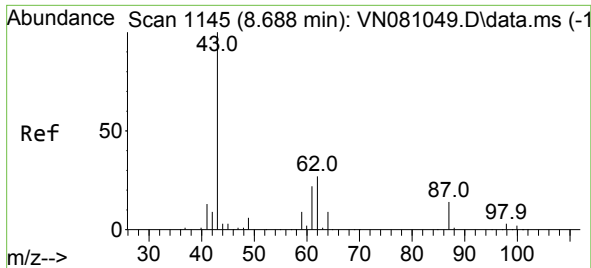
Tgt Ion: 75 Resp: 33220
 Ion Ratio Lower Upper
 75 100
 110 8.4 16.0 48.0#
 77 0.0 25.8 38.6#



#38
 Carbon Tetrachloride
 Concen: 6.477 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.135 min
 Lab File: VN081210.D
 Acq: 27 Feb 2024 11:17

Tgt Ion: 117 Resp: 41417
 Ion Ratio Lower Upper
 117 100
 119 7.5 73.4 110.2#
 121 0.0 24.4 36.6#

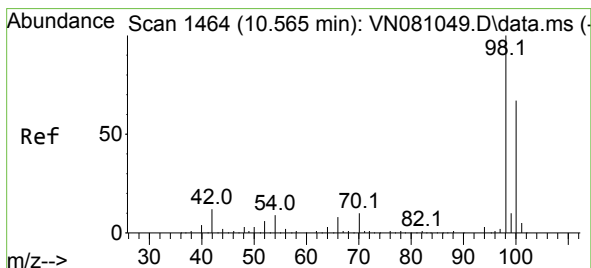
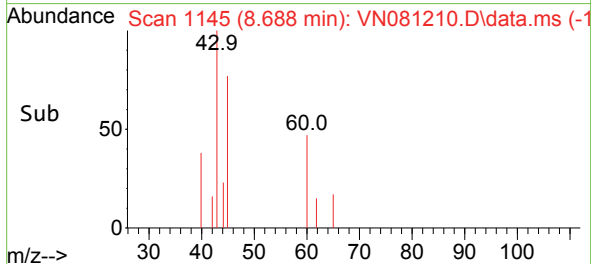
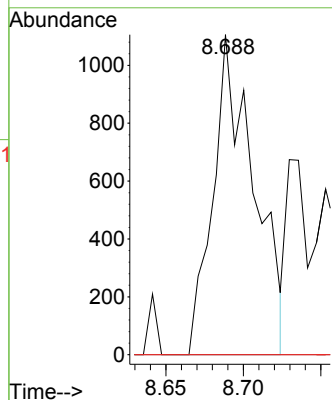
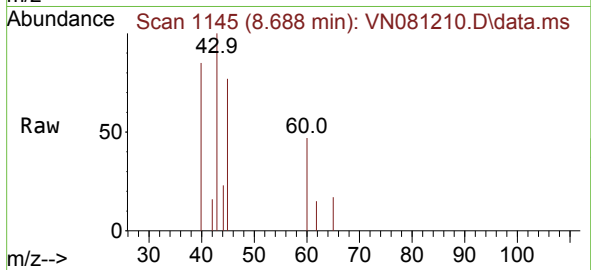




#43
Isopropyl Acetate
Concen: 0.203 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081210.D
Acq: 27 Feb 2024 11:17

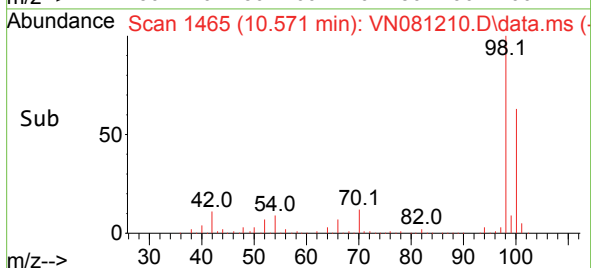
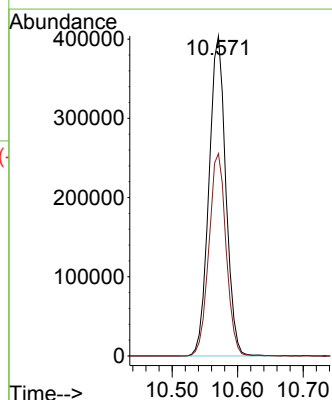
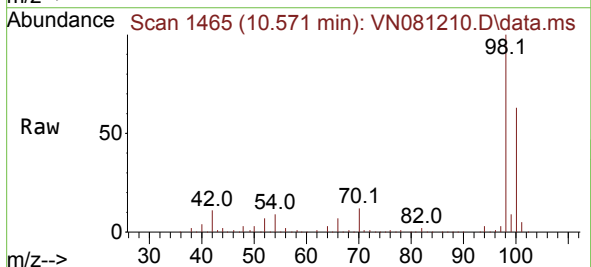
Instrument :
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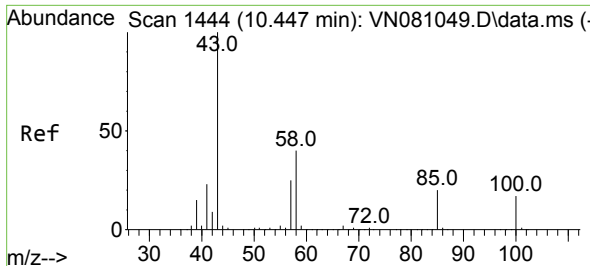
Tgt Ion: 43 Resp: 2024
Ion Ratio Lower Upper
43 100
61 0.0 19.9 29.9#
87 0.0 9.0 13.6#



#50
Toluene-d8
Concen: 55.114 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081210.D
Acq: 27 Feb 2024 11:17

Tgt Ion: 98 Resp: 722154
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.0

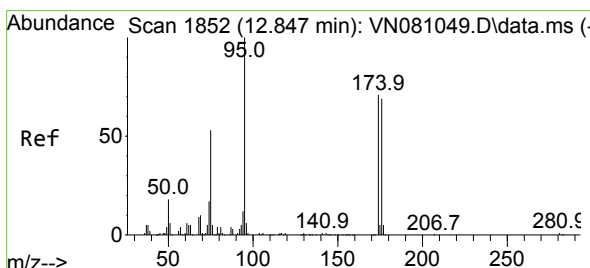
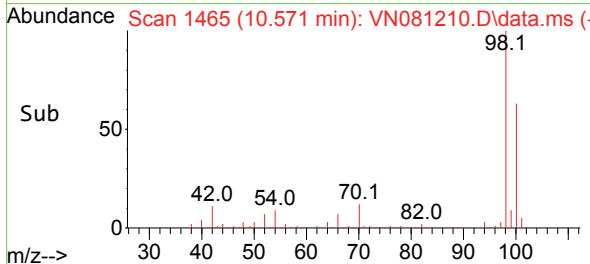
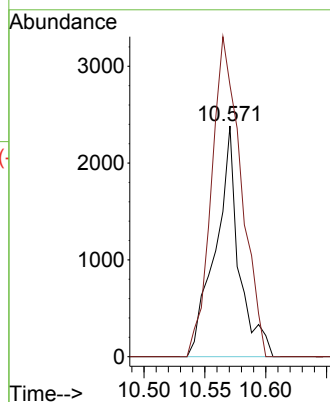
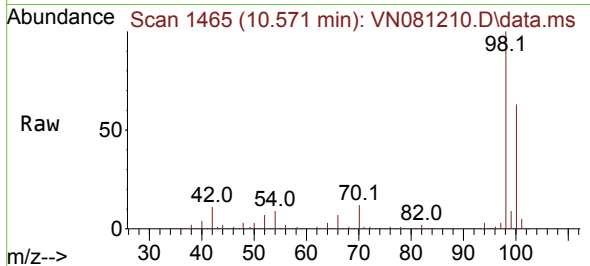




#51
4-Methyl-2-Pentanone
Concen: 0.553 ug/l
RT: 10.571 min Scan# 1444
Delta R.T. 0.123 min
Lab File: VN081210.D
Acq: 27 Feb 2024 11:17

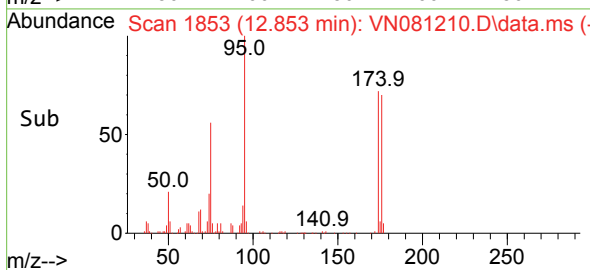
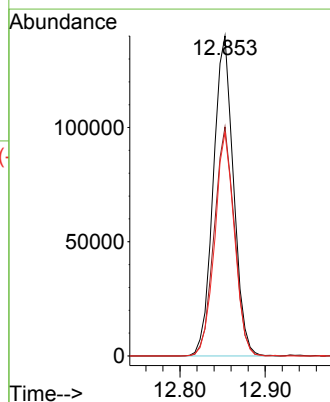
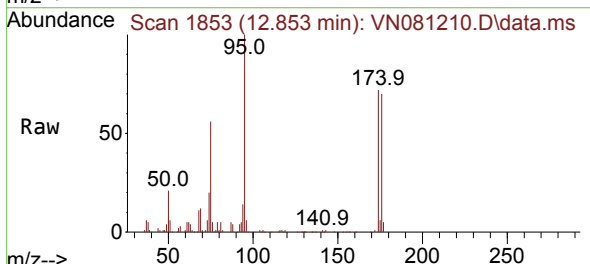
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBL01

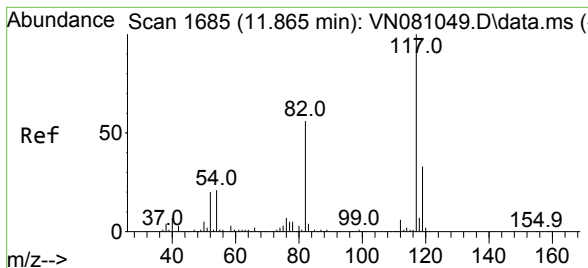
Tgt Ion: 43 Resp: 3173
Ion Ratio Lower Upper
43 100
58 177.1 29.4 44.0#



#62
4-Bromofluorobenzene
Concen: 46.937 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081210.D
Acq: 27 Feb 2024 11:17

Tgt Ion: 95 Resp: 231093
Ion Ratio Lower Upper
95 100
174 71.7 0.0 120.4
176 68.1 0.0 121.0

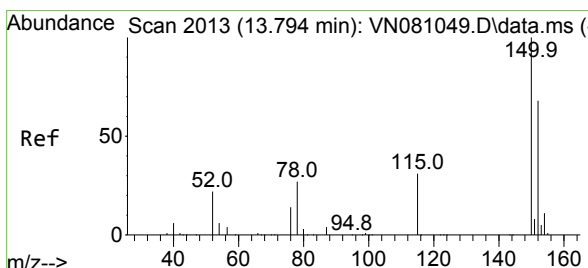
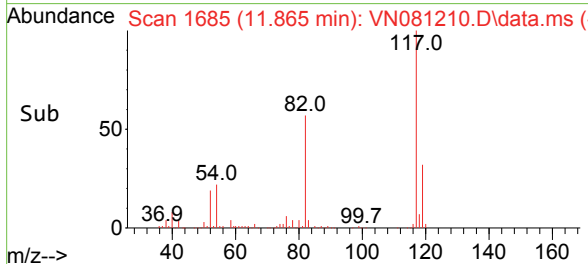
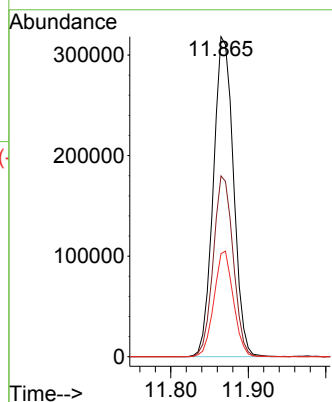
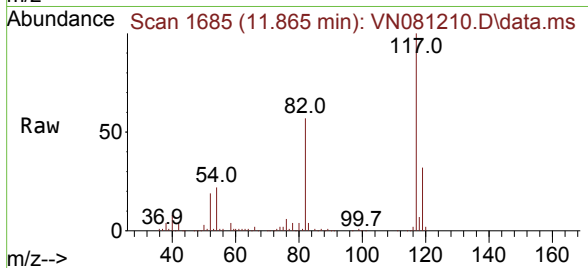




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081210.D
Acq: 27 Feb 2024 11:17

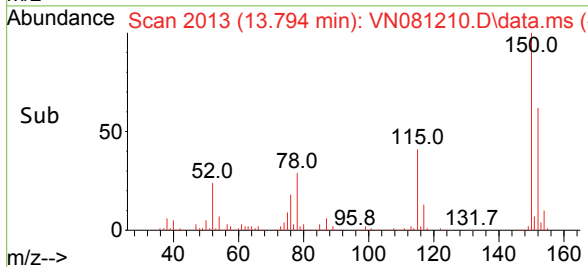
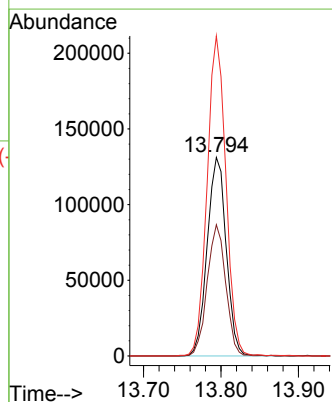
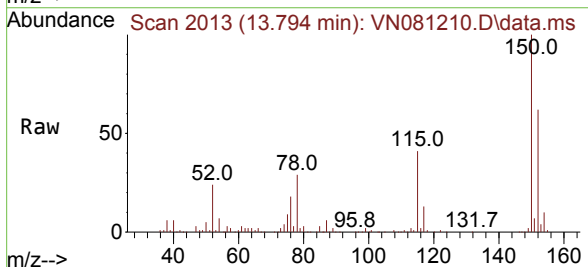
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBL01

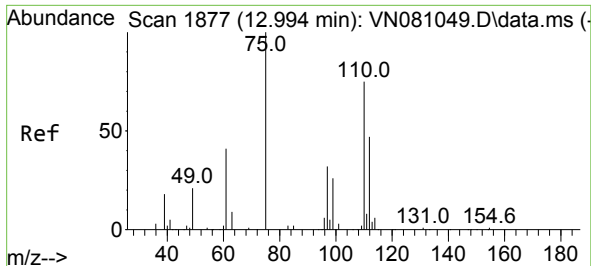
Tgt Ion:117 Resp: 574256
Ion Ratio Lower Upper
117 100
82 56.5 52.7 79.1
119 32.2 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081210.D
Acq: 27 Feb 2024 11:17

Tgt Ion:152 Resp: 223915
Ion Ratio Lower Upper
152 100
115 64.3 32.3 96.8
150 158.5 0.0 339.8

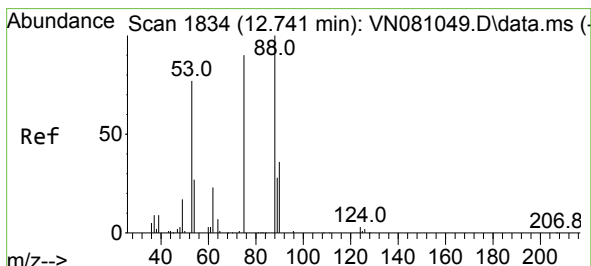
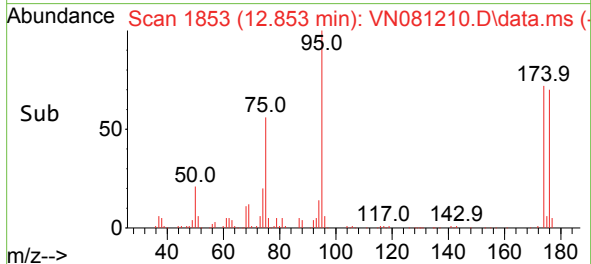
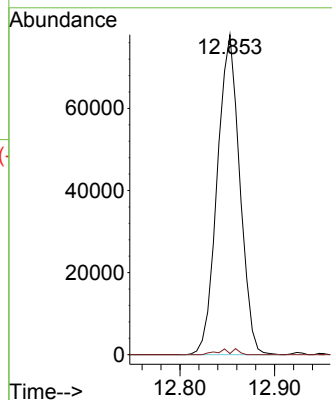
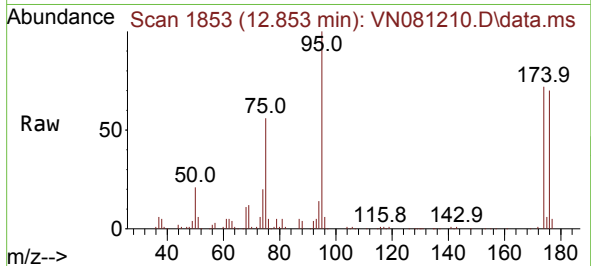




#76
1,2,3-Trichloropropane
Concen: 25.318 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN081210.D
Acq: 27 Feb 2024 11:17

Instrument :
MSVOA_N
ClientSampleId :
VN0227WBL01

Tgt Ion: 75 Resp: 128805
Ion Ratio Lower Upper
75 100
77 1.4 91.0 272.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.166 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN081210.D
Acq: 27 Feb 2024 11:17

Tgt Ion: 75 Resp: 128805
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 33.4 50.0#

