

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013024\
 Data File : VN080807.D
 Acq On : 30 Jan 2024 11:52
 Operator : JC\MD
 Sample : VN0130WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0130WBL01

Quant Time: Jan 31 02:07:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

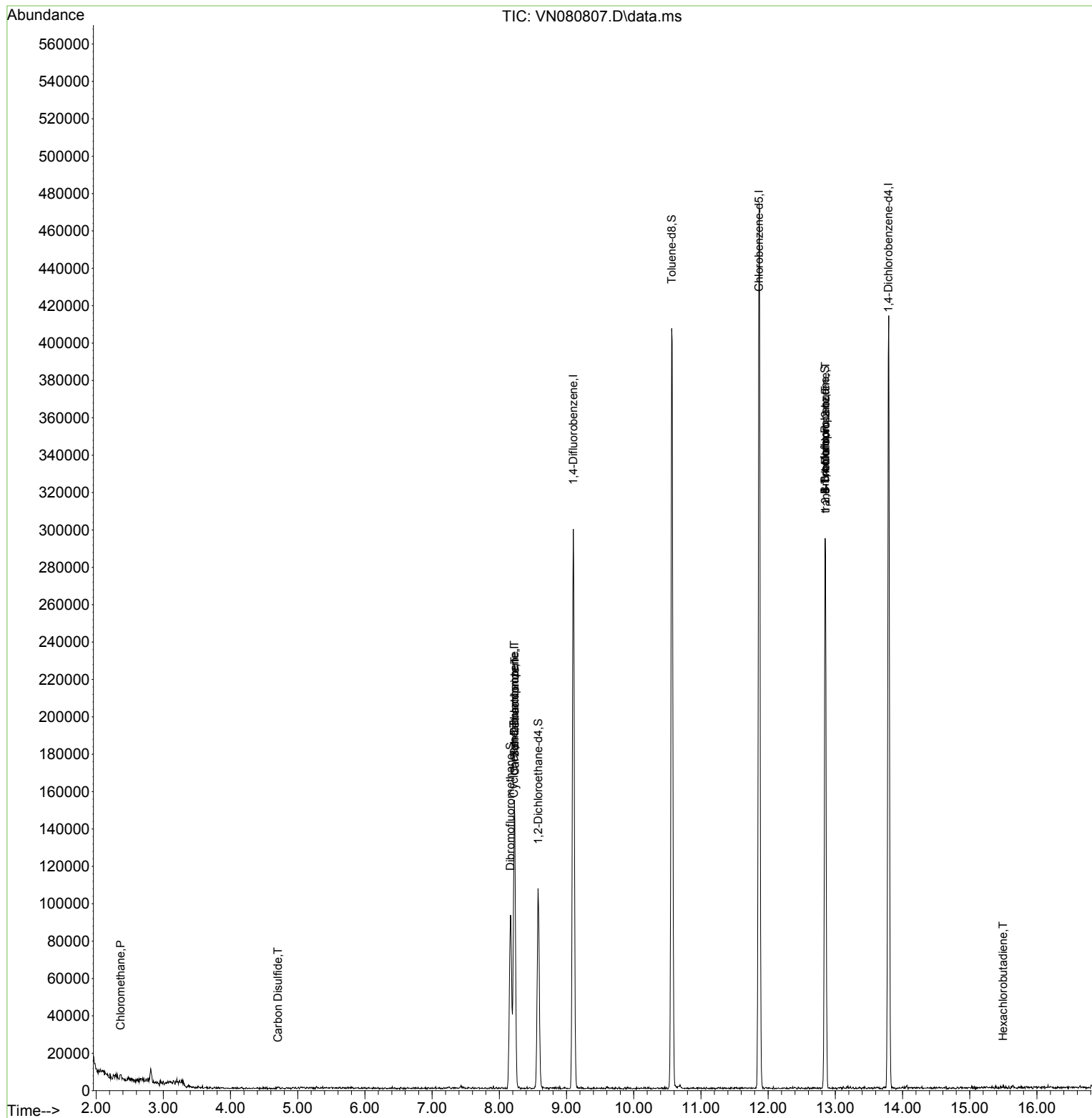
Internal Standards						
1) Pentafluorobenzene	8.224	168	94911	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	232857	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	237135	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	94506	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	79324	48.311	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.620%		
35) Dibromofluoromethane	8.165	113	64176	45.048	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.100%		
50) Toluene-d8	10.565	98	262898	47.149	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.300%		
62) 4-Bromofluorobenzene	12.847	95	101577	52.277	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.560%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	2077	0.980	ug/l #	79
17) Carbon Disulfide	4.706	76	1088	0.262	ug/l #	78
31) Cyclohexane	8.218	56	4090	1.453	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	12247	4.625	ug/l #	50
38) Carbon Tetrachloride	8.230	117	11270	5.282	ug/l #	18
71) Bromoform	12.847	173	418	0.367	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	60748	21.313	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	60748	54.906	ug/l #	14
94) Hexachlorobutadiene	15.494	225	261	0.383	ug/l #	31

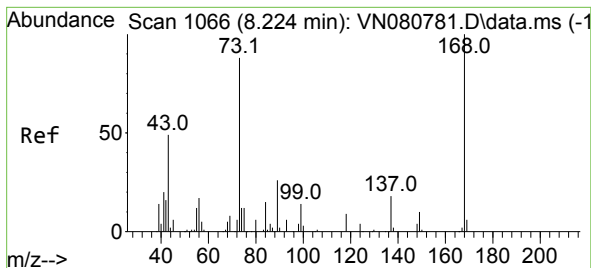
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 31 02:07:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 29 12:54:23 2024
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: VN080807.D

Acq: 30 Jan 2024 11:52

Instrument :

MSVOA_N

ClientSampleId :

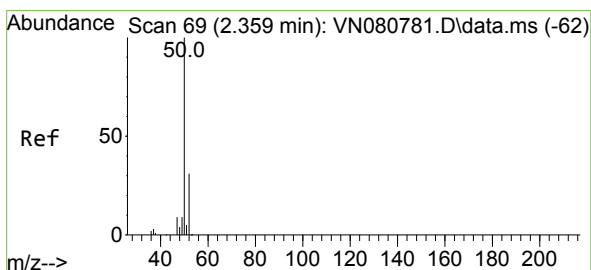
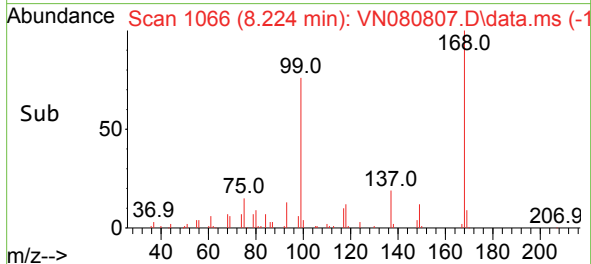
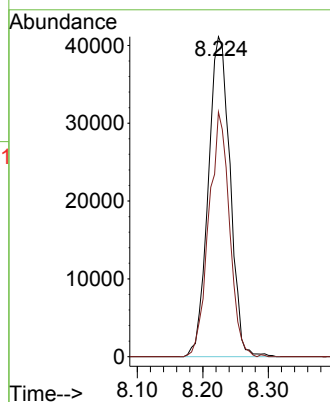
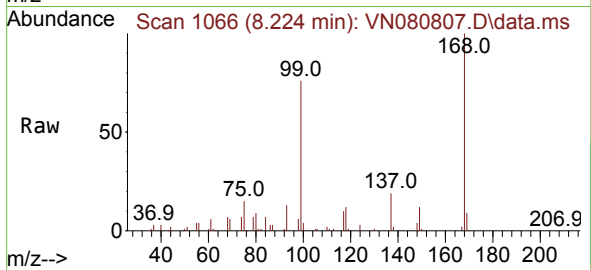
VN0130WBL01

Tgt Ion:168 Resp: 94911

Ion Ratio Lower Upper

168 100

99 76.4 59.9 89.9



#3

Chloromethane

Concen: 0.980 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN080807.D

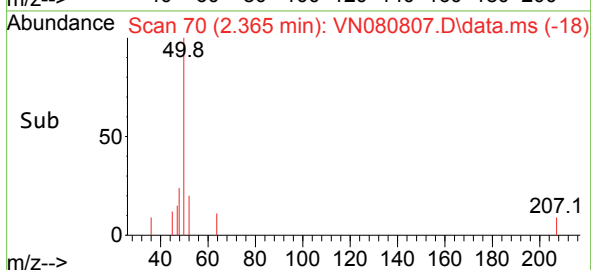
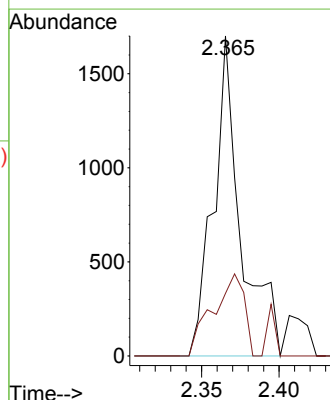
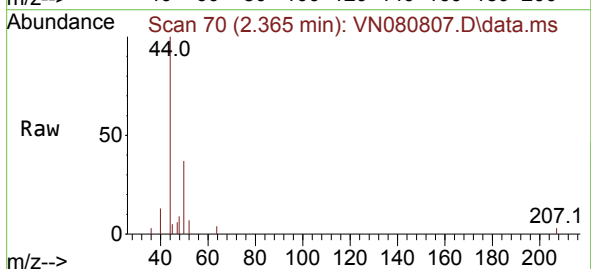
Acq: 30 Jan 2024 11:52

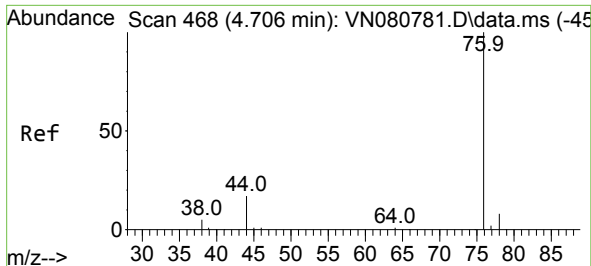
Tgt Ion: 50 Resp: 2077

Ion Ratio Lower Upper

50 100

52 19.6 25.0 37.4#

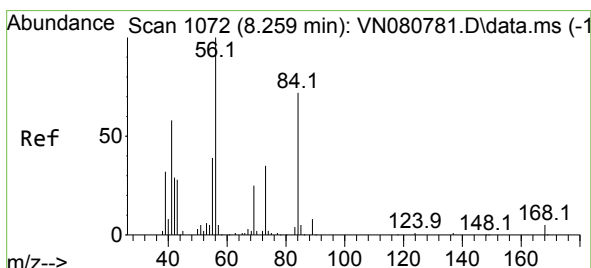
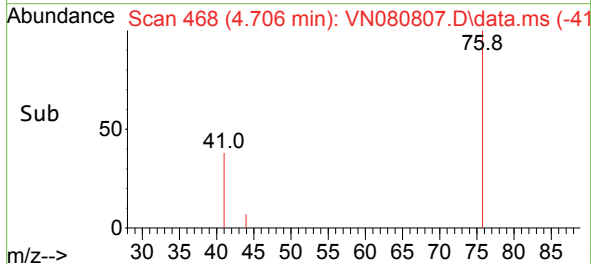
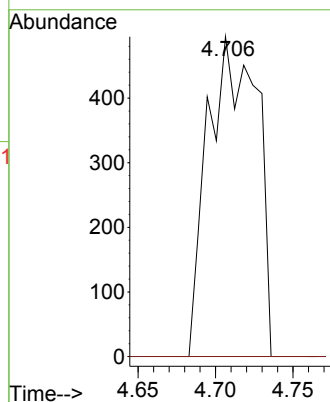
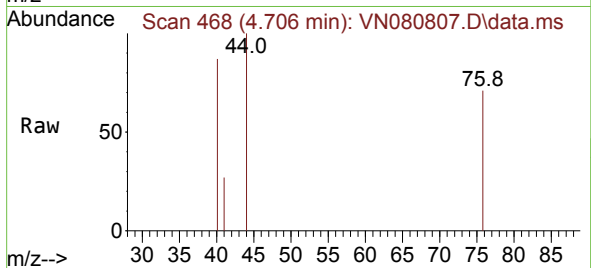




#17
Carbon Disulfide
Concen: 0.262 ug/l
RT: 4.706 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN080807.D
Acq: 30 Jan 2024 11:52

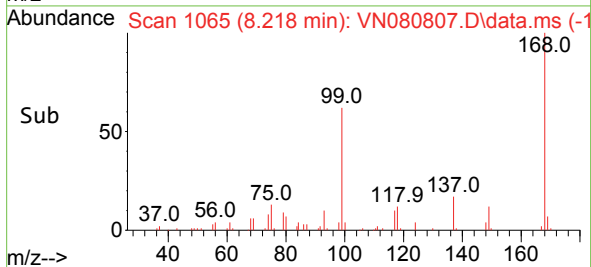
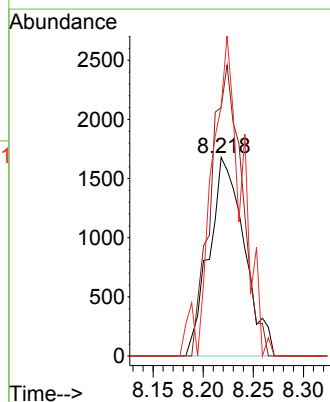
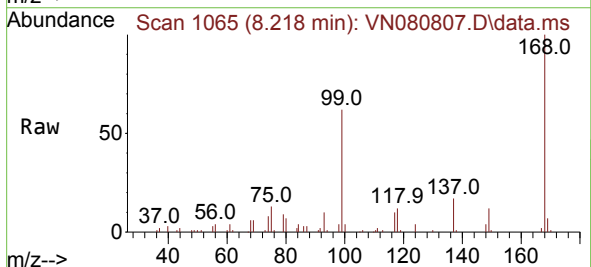
Instrument :
MSVOA_N
ClientSampleId :
VN0130WBL01

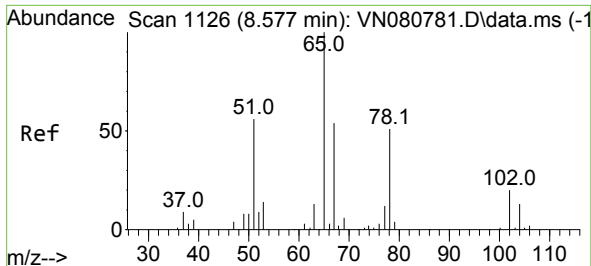
Tgt Ion: 76 Resp: 1088
Ion Ratio Lower Upper
76 100
78 0.0 6.3 9.5#



#31
Cyclohexane
Concen: 1.453 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN080807.D
Acq: 30 Jan 2024 11:52

Tgt Ion: 56 Resp: 4090
Ion Ratio Lower Upper
56 100
69 125.1 20.1 30.1#
84 125.4 56.9 85.3#





#33

1,2-Dichloroethane-d4

Concen: 48.311 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080807.D

Acq: 30 Jan 2024 11:52

Instrument :

MSVOA_N

ClientSampleId :

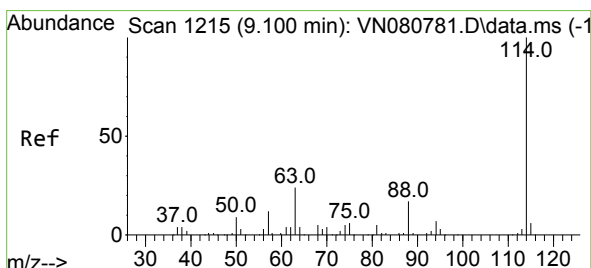
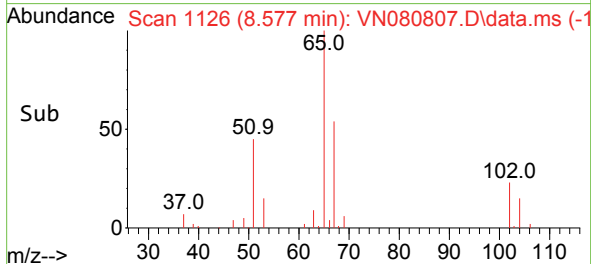
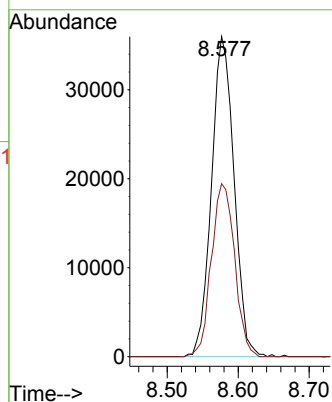
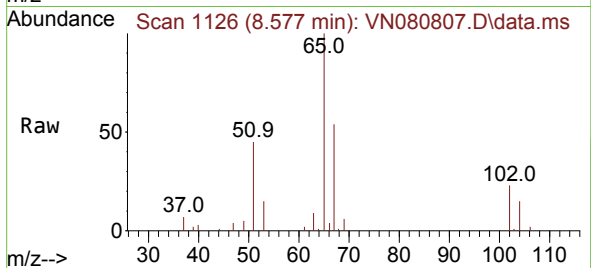
VN0130WBL01

Tgt Ion: 65 Resp: 79324

Ion Ratio Lower Upper

65 100

67 55.7 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080807.D

Acq: 30 Jan 2024 11:52

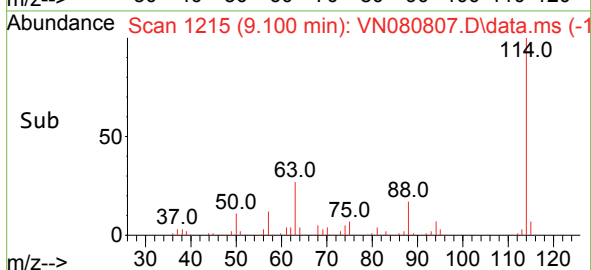
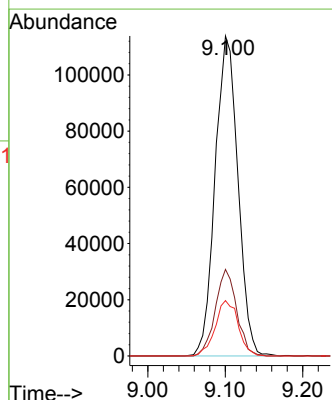
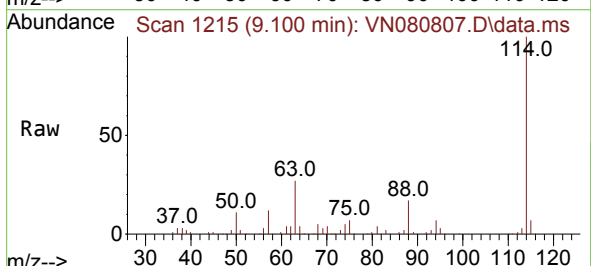
Tgt Ion: 114 Resp: 232857

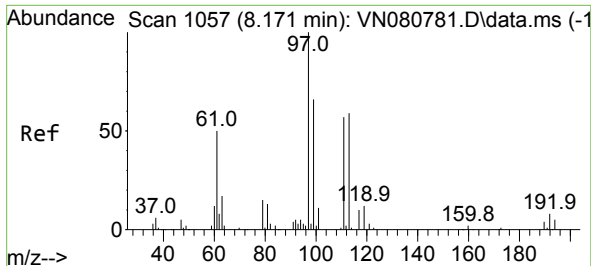
Ion Ratio Lower Upper

114 100

63 27.0 0.0 48.0

88 17.3 0.0 34.8





#35

Dibromofluoromethane

Concen: 45.048 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN080807.D

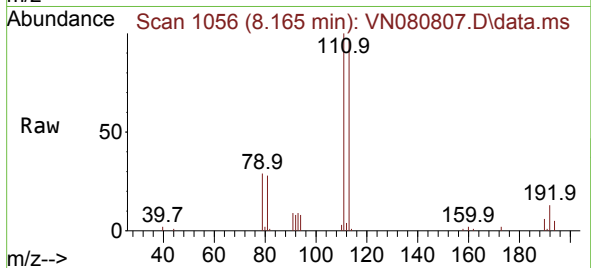
Acq: 30 Jan 2024 11:52

Instrument :

MSVOA_N

ClientSampleId :

VN0130WBL01



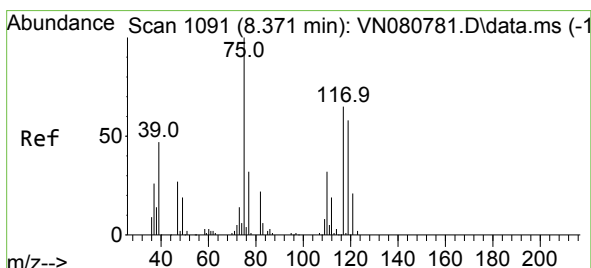
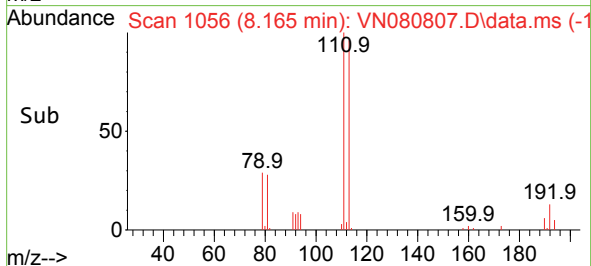
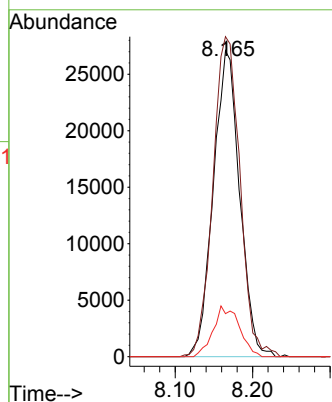
Tgt Ion:113 Resp: 64176

Ion Ratio Lower Upper

113 100

111 107.1 82.2 123.4

192 16.3 12.5 18.7



#36

1,1-Dichloropropene

Concen: 4.625 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN080807.D

Acq: 30 Jan 2024 11:52

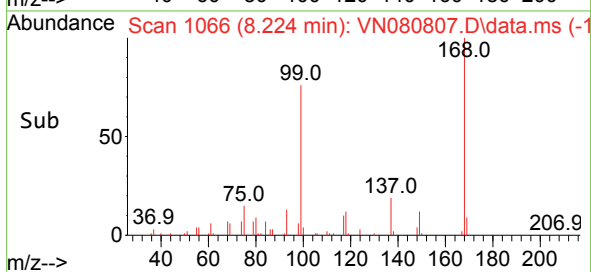
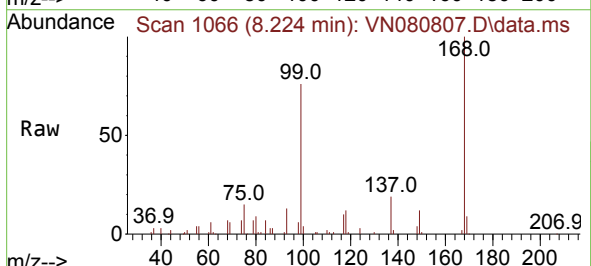
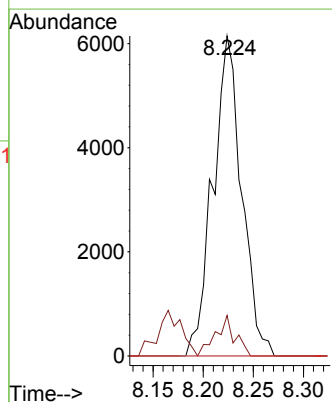
Tgt Ion: 75 Resp: 12247

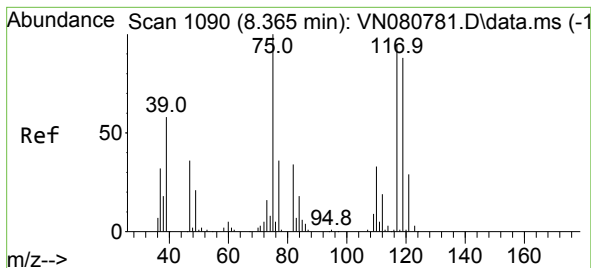
Ion Ratio Lower Upper

75 100

110 8.5 16.0 48.0#

77 0.0 25.8 38.6#





#38

Carbon Tetrachloride

Concen: 5.282 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN080807.D

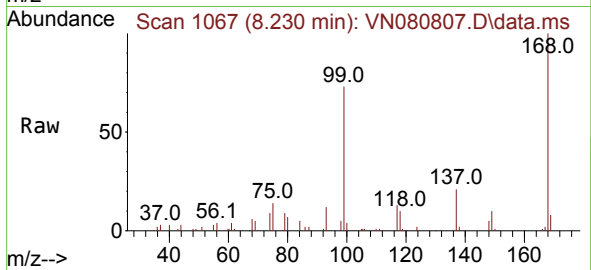
Acq: 30 Jan 2024 11:52

Instrument :

MSVOA_N

ClientSampleId :

VN0130WBL01



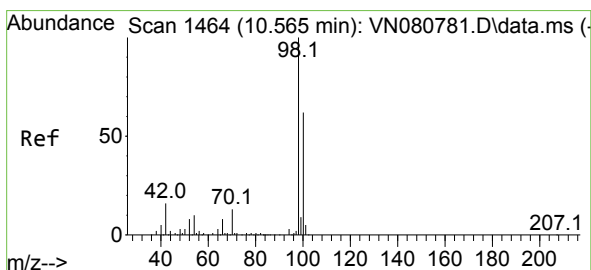
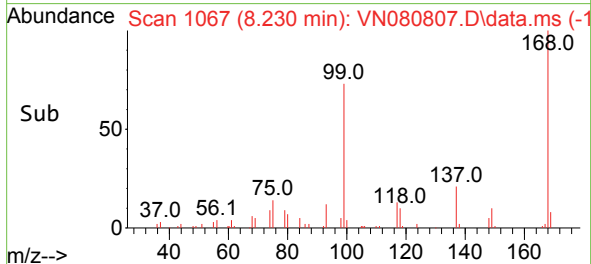
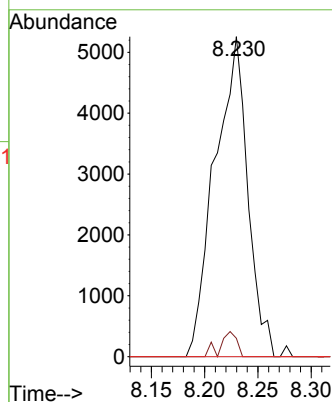
Tgt Ion:117 Resp: 11270

Ion Ratio Lower Upper

117 100

119 5.8 73.4 110.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 47.149 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN080807.D

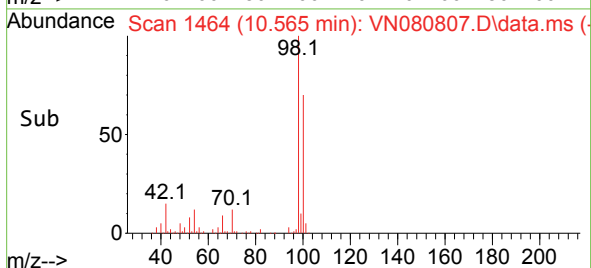
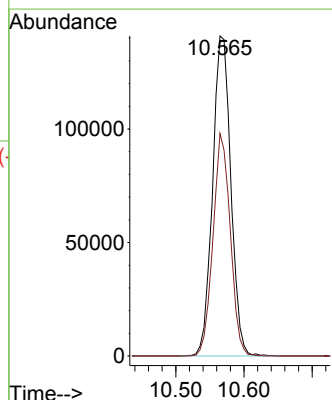
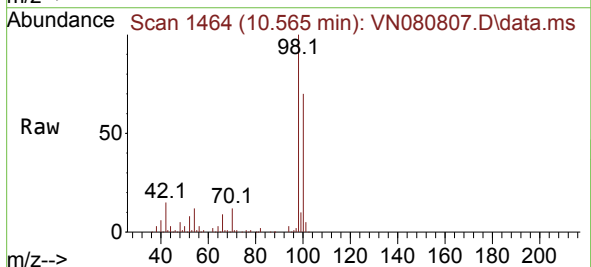
Acq: 30 Jan 2024 11:52

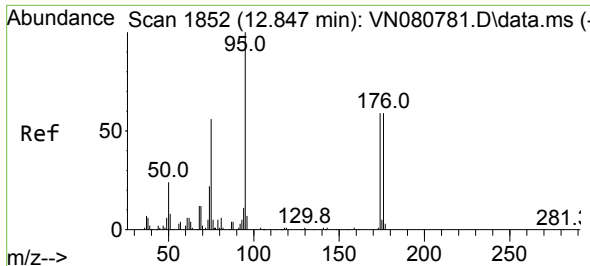
Tgt Ion: 98 Resp: 262898

Ion Ratio Lower Upper

98 100

100 65.7 51.4 77.0

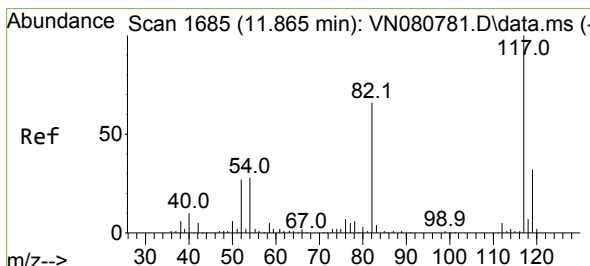
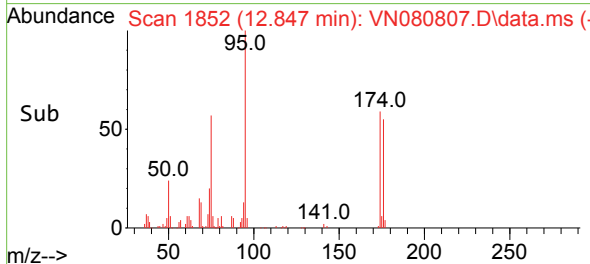
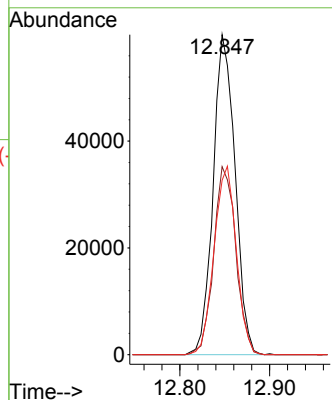
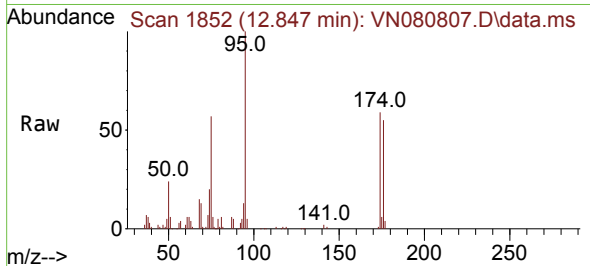




#62
4-Bromofluorobenzene
Concen: 52.277 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080807.D
Acq: 30 Jan 2024 11:52

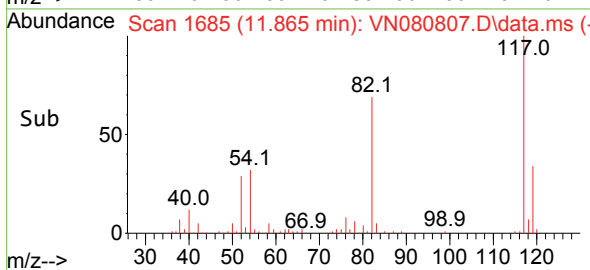
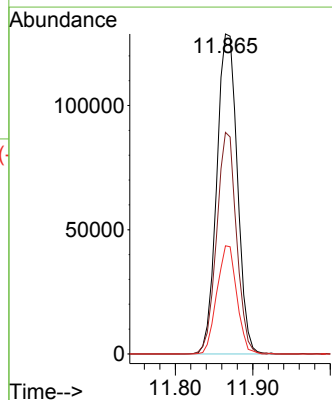
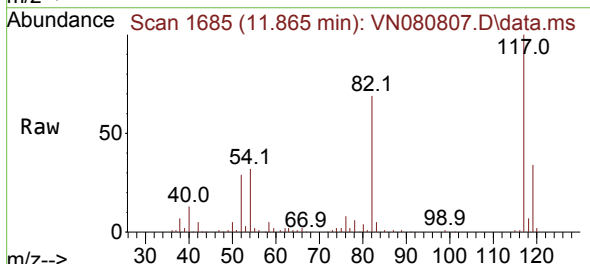
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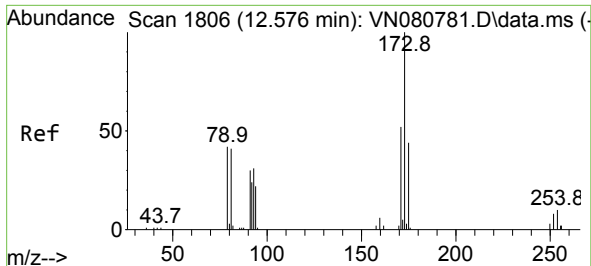
Tgt Ion: 95 Resp: 101577
Ion Ratio Lower Upper
95 100
174 59.6 0.0 120.4
176 59.9 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080807.D
Acq: 30 Jan 2024 11:52

Tgt Ion: 117 Resp: 237135
Ion Ratio Lower Upper
117 100
82 69.2 52.7 79.1
119 33.8 25.3 37.9

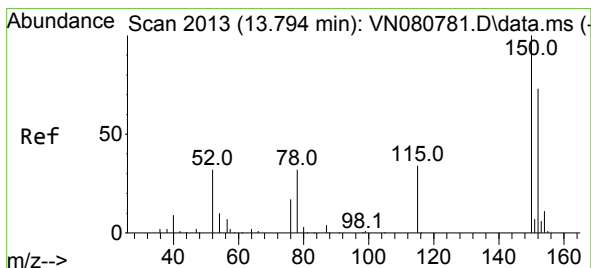
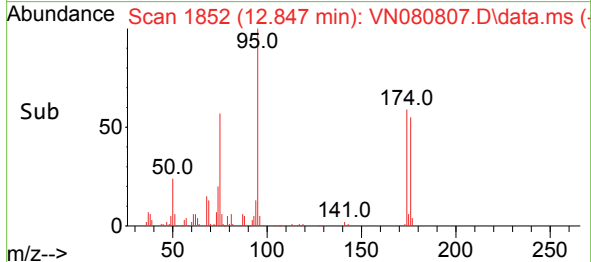
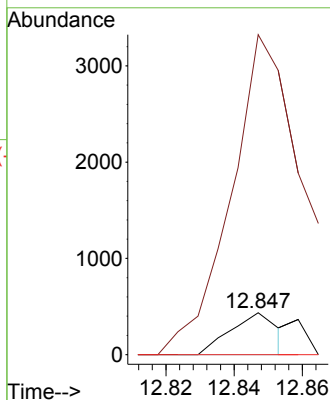
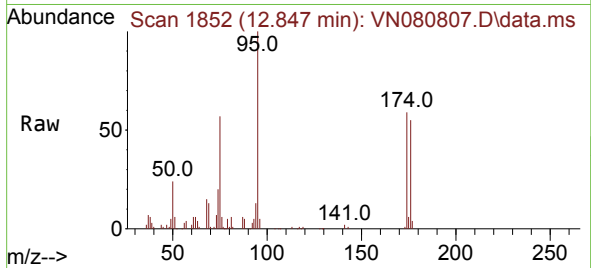




#71
Bromoform
Concen: 0.367 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.271 min
Lab File: VN080807.D
Acq: 30 Jan 2024 11:52

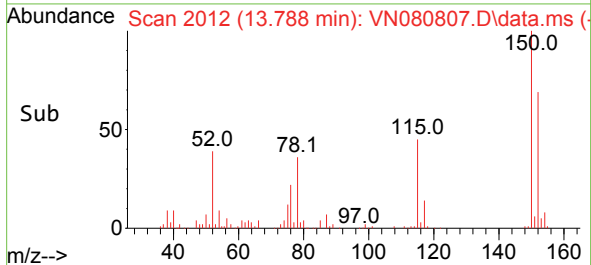
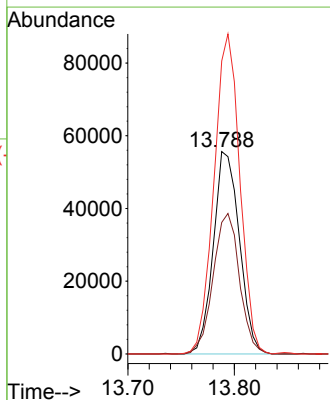
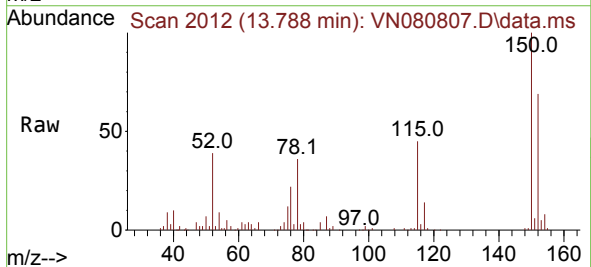
Instrument :
MSVOA_N
ClientSampleId :
VN0130WBL01

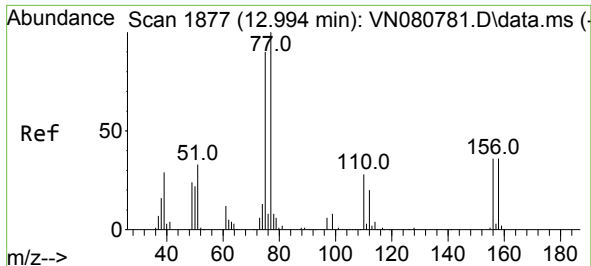
Tgt Ion:173 Resp: 418
Ion Ratio Lower Upper
173 100
175 840.4 23.1 69.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN080807.D
Acq: 30 Jan 2024 11:52

Tgt Ion:152 Resp: 94506
Ion Ratio Lower Upper
152 100
115 70.1 32.3 96.8
150 156.6 0.0 339.8

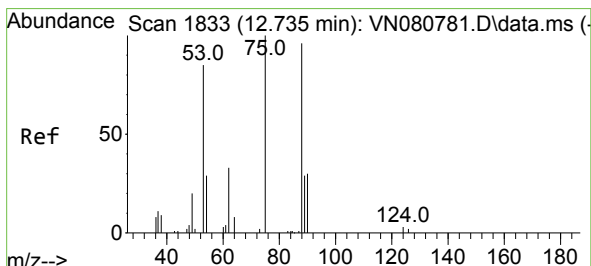
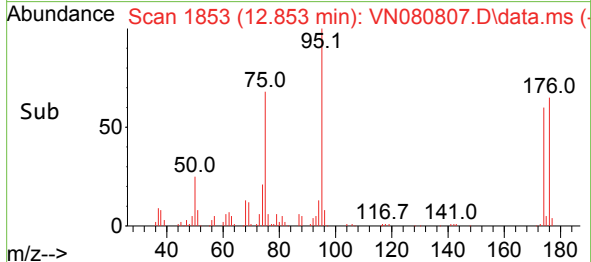
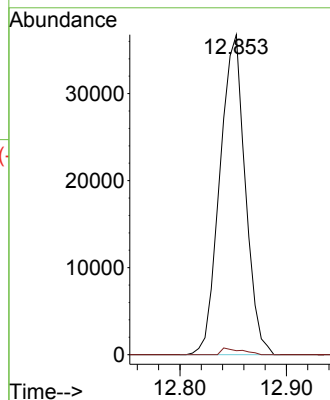
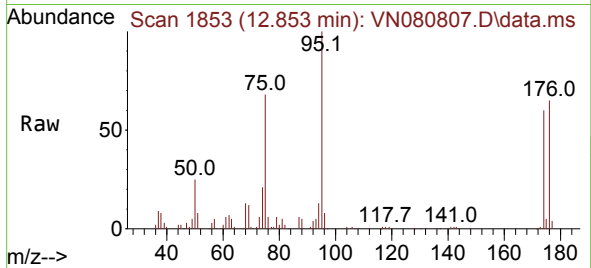




#76
1,2,3-Trichloropropane
Concen: 21.313 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN080807.D
Acq: 30 Jan 2024 11:52

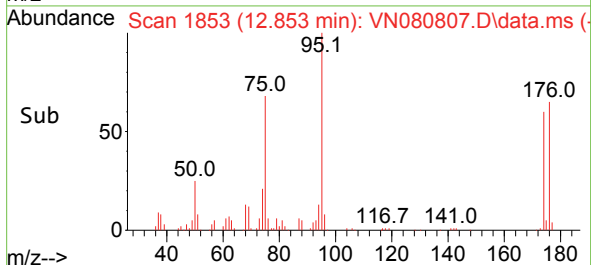
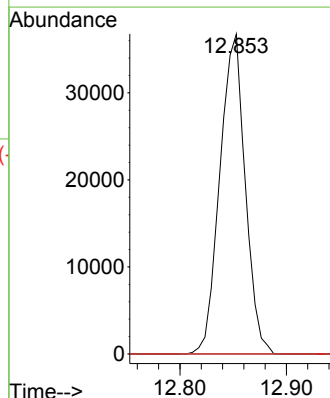
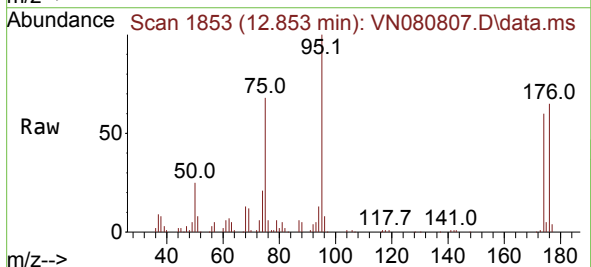
Instrument :
MSVOA_N
ClientSampleId :
VN0130WBL01

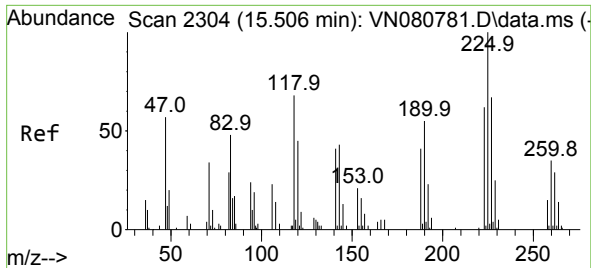
Tgt Ion: 75 Resp: 60748
Ion Ratio Lower Upper
75 100
77 1.7 91.0 272.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.906 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN080807.D
Acq: 30 Jan 2024 11:52

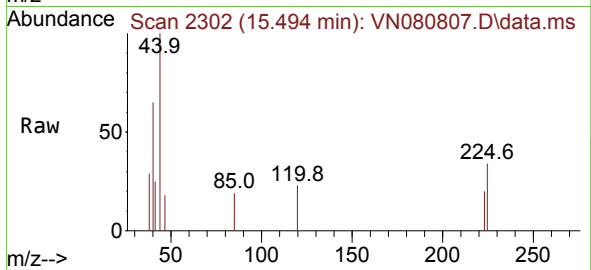
Tgt Ion: 75 Resp: 60748
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 33.4 50.0#





#94
 Hexachlorobutadiene
 Concen: 0.383 ug/l
 RT: 15.494 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VN080807.D
 Acq: 30 Jan 2024 11:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0130WBL01



Tgt Ion:	225	Resp:	261
Ion	Ratio	Lower	Upper
225	100		
223	23.0	33.3	99.8#
227	0.0	33.1	99.2#

