

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071724\
 Data File : VN082954.D
 Acq On : 17 Jul 2024 11:10
 Operator : JC\MD
 Sample : VN0717WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 18 05:20:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	107080	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	211741	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	210883	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	87152	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	85179	56.746	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 113.500%	
35) Dibromofluoromethane	8.165	113	70879	52.167	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.340%	
50) Toluene-d8	10.571	98	239837	47.793	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.580%	
62) 4-Bromofluorobenzene	12.853	95	77655	43.079	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 86.160%	

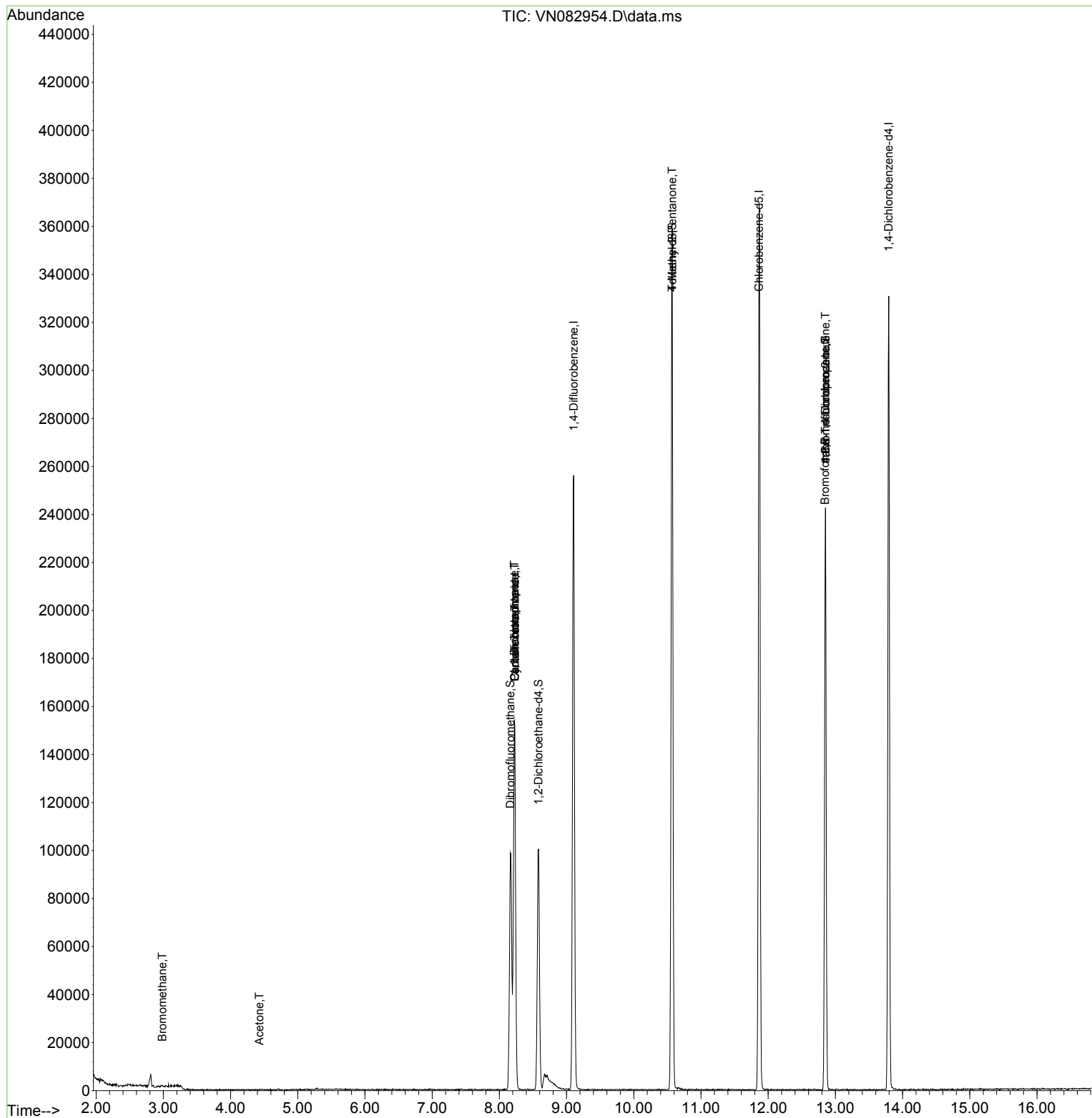
Target Compounds			Qvalue			
5) Bromomethane	2.983	94	437	0.439	ug/l #	12
16) Acetone	4.430	43	131	0.248	ug/l #	48
31) Cyclohexane	8.230	56	2975	1.516	ug/l #	28
36) 1,1-Dichloropropene	8.224	75	9912	5.291	ug/l #	50
38) Carbon Tetrachloride	8.230	117	12276	5.443	ug/l #	19
43) Isopropyl Acetate	8.671	43	5129	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.571	43	1034	0.547	ug/l #	1
71) Bromoform	12.847	173	509	0.403	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	43218	28.763	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	43218	56.569	ug/l #	6

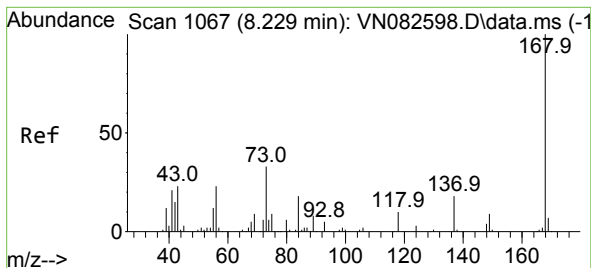
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 18 05:20:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 11

Delta R.T. 0.001 min

Lab File: VN082954.D

Acq: 17 Jul 2024 11:10

Instrument :

MSVOA_N

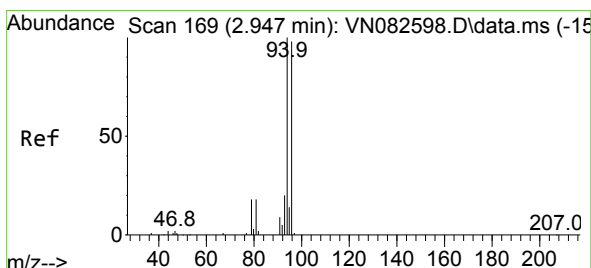
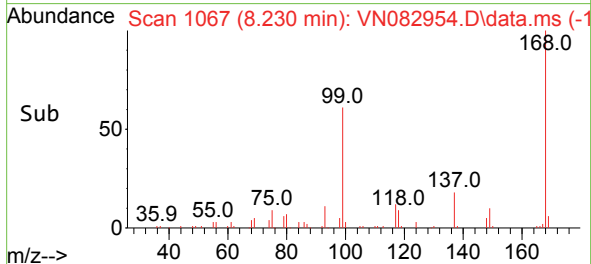
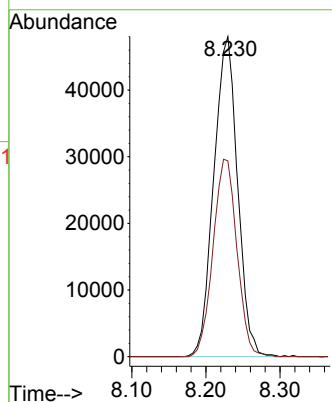
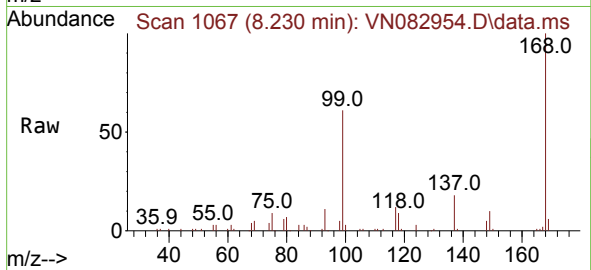
ClientSampleId :

Tgt Ion:168 Resp: 107080

Ion Ratio Lower Upper

168 100

99 61.2 48.2 72.4



#5

Bromomethane

Concen: 0.439 ug/l

RT: 2.983 min Scan# 175

Delta R.T. 0.036 min

Lab File: VN082954.D

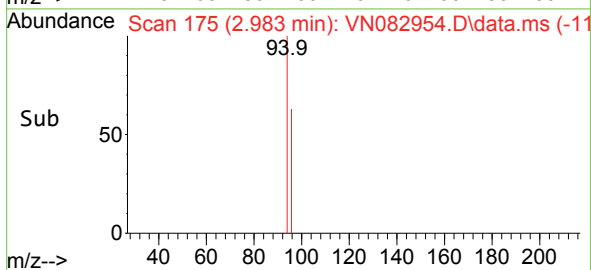
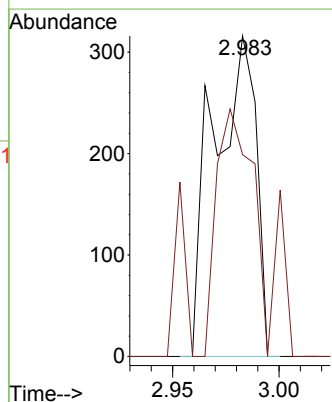
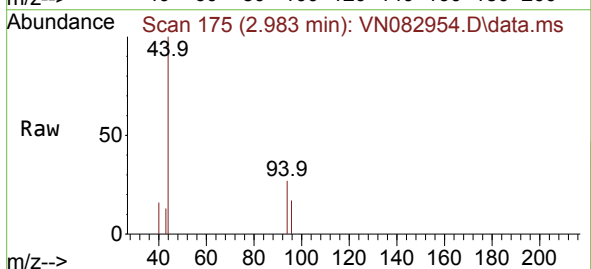
Acq: 17 Jul 2024 11:10

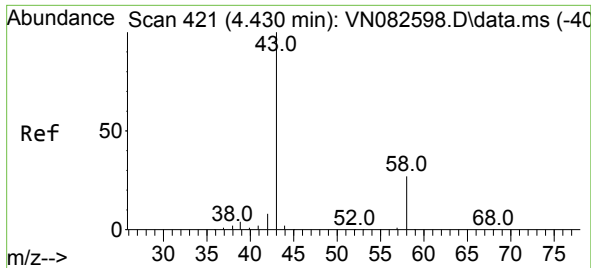
Tgt Ion: 94 Resp: 437

Ion Ratio Lower Upper

94 100

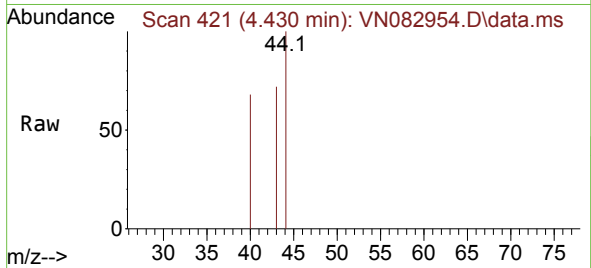
96 11.1 78.0 117.0#



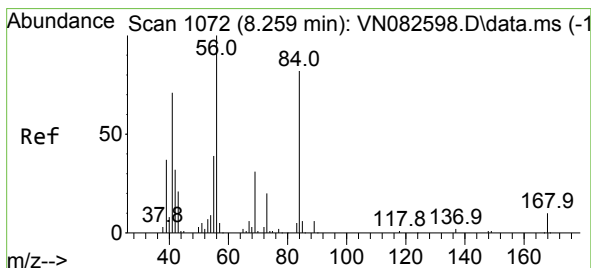
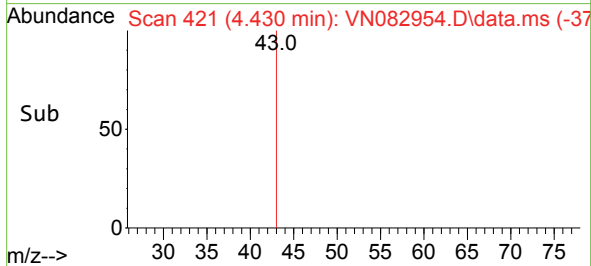
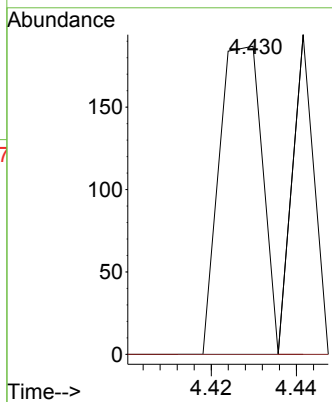


#16
Acetone
Concen: 0.248 ug/l
RT: 4.430 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN082954.D
Acq: 17 Jul 2024 11:10

Instrument :
MSVOA_N
ClientSampleId :

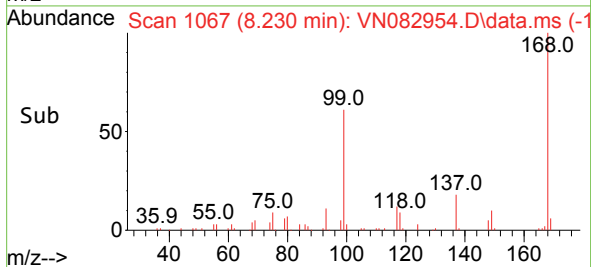
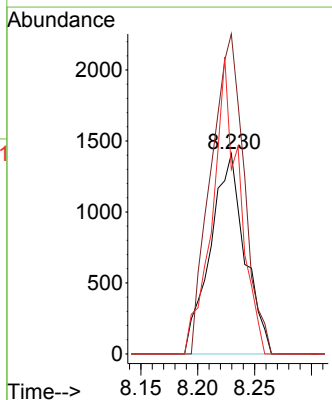
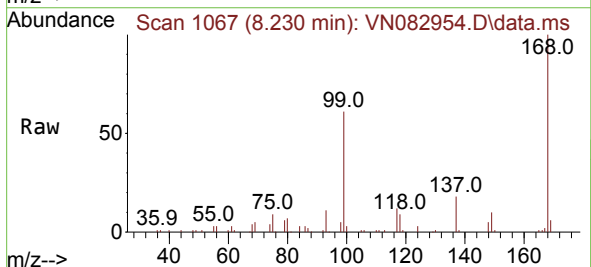


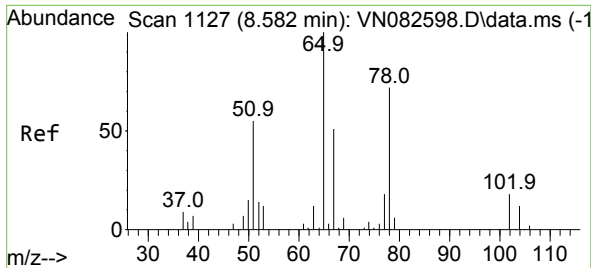
Tgt Ion: 43 Resp: 131
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



#31
Cyclohexane
Concen: 1.516 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN082954.D
Acq: 17 Jul 2024 11:10

Tgt Ion: 56 Resp: 2975
Ion Ratio Lower Upper
56 100
69 159.9 24.5 36.7#
84 92.2 66.0 99.0

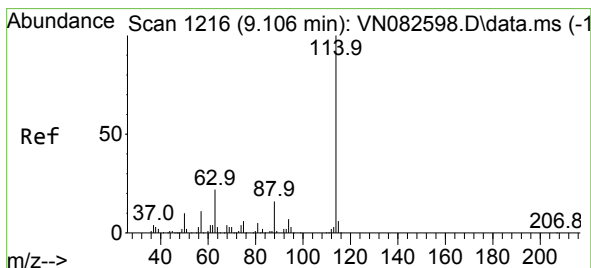
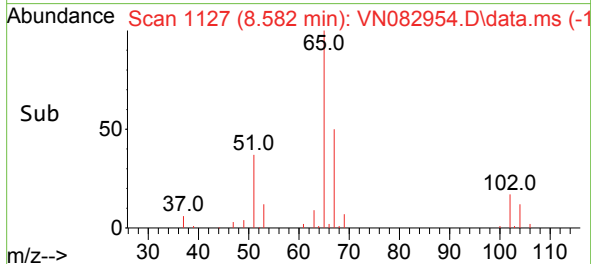
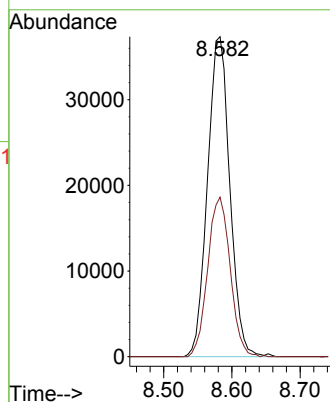
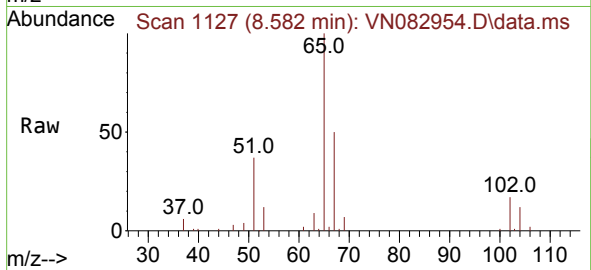




#33
 1,2-Dichloroethane-d4
 Concen: 56.746 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VN082954.D
 Acq: 17 Jul 2024 11:10

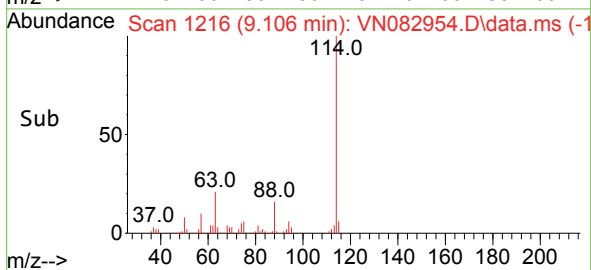
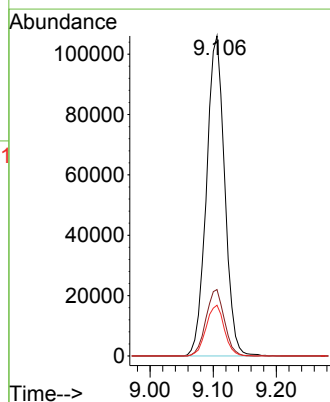
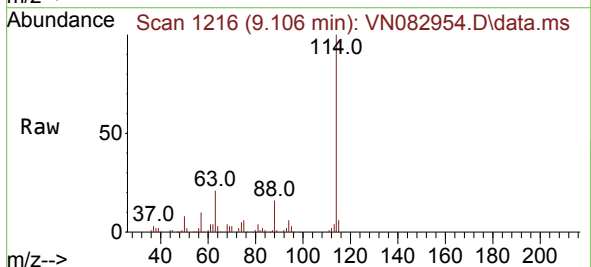
Instrument :
 MSVOA_N
 ClientSampleId :

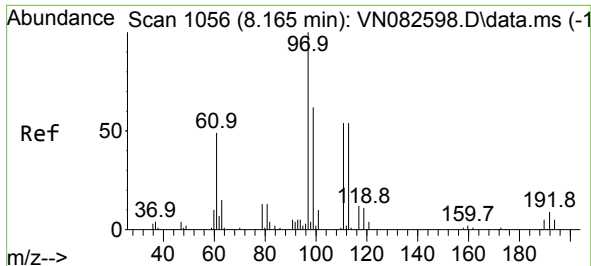
Tgt Ion: 65 Resp: 85179
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. -0.000 min
 Lab File: VN082954.D
 Acq: 17 Jul 2024 11:10

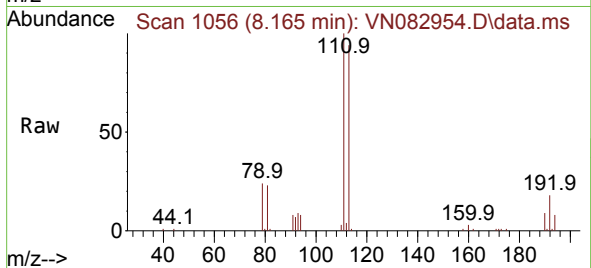
Tgt Ion: 114 Resp: 211741
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 44.6
 88 15.8 0.0 31.4



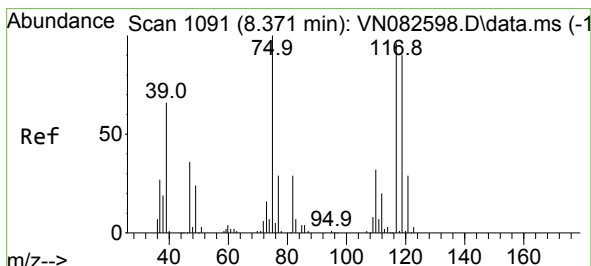
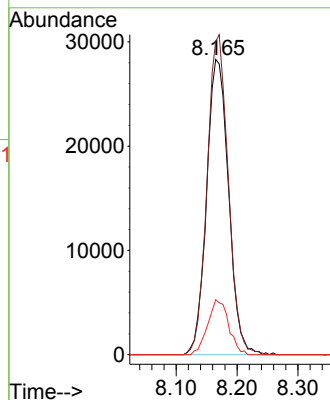
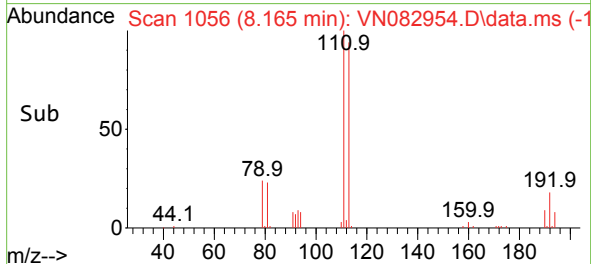


#35
Dibromofluoromethane
Concen: 52.167 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082954.D
Acq: 17 Jul 2024 11:10

Instrument :
MSVOA_N
ClientSampleId :

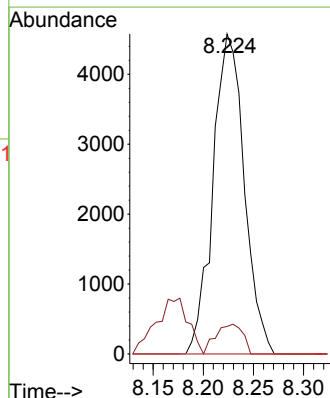
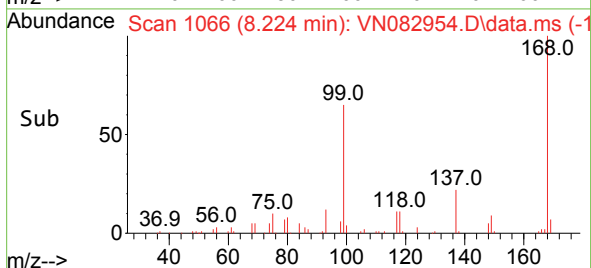
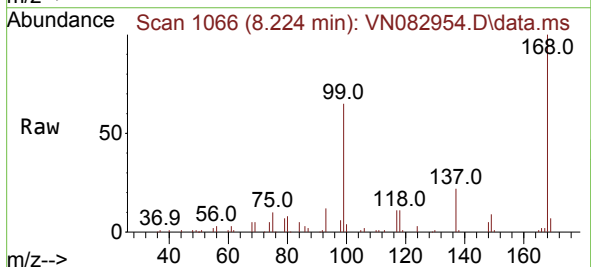


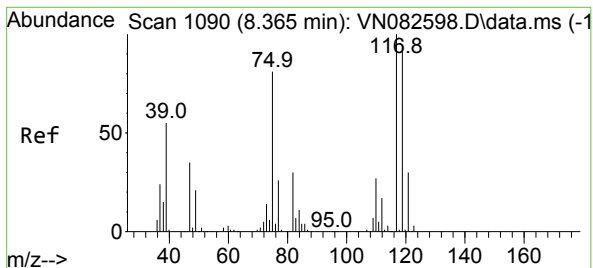
Tgt Ion:113 Resp: 70879
Ion Ratio Lower Upper
113 100
111 104.5 82.4 123.6
192 17.8 14.9 22.3



#36
1,1-Dichloropropene
Concen: 5.291 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082954.D
Acq: 17 Jul 2024 11:10

Tgt Ion: 75 Resp: 9912
Ion Ratio Lower Upper
75 100
110 8.1 16.3 48.9#
77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.443 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

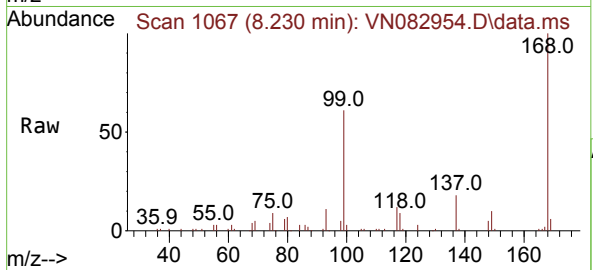
Lab File: VN082954.D

Acq: 17 Jul 2024 11:10

Instrument :

MSVOA_N

ClientSampleId :



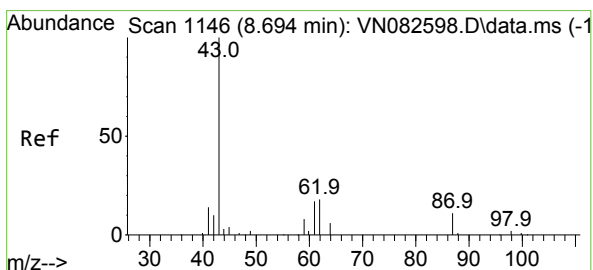
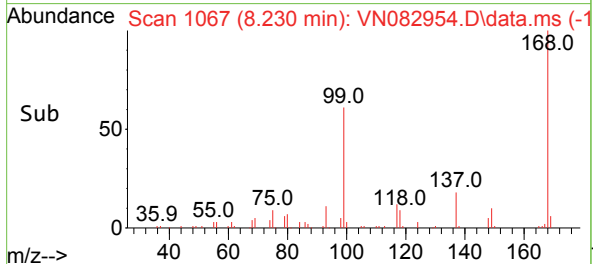
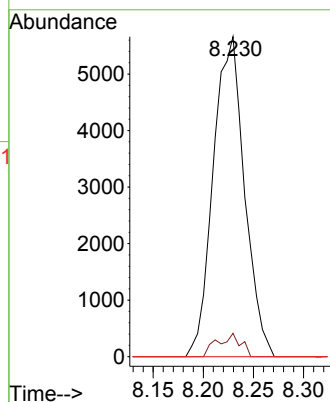
Tgt Ion:117 Resp: 12276

Ion Ratio Lower Upper

117 100

119 7.3 74.9 112.3#

121 0.0 24.3 36.5#



#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.671 min Scan# 1142

Delta R.T. -0.023 min

Lab File: VN082954.D

Acq: 17 Jul 2024 11:10

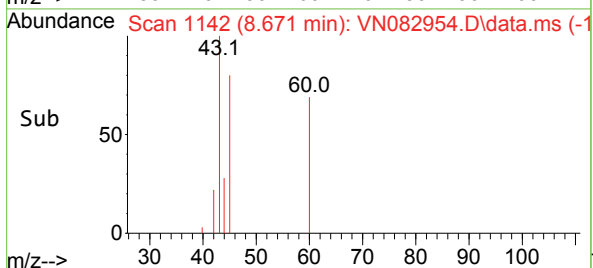
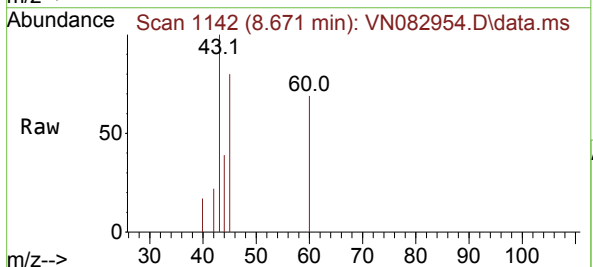
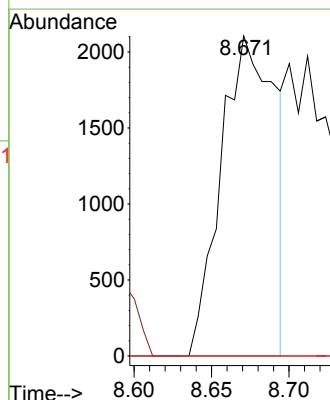
Tgt Ion: 43 Resp: 5129

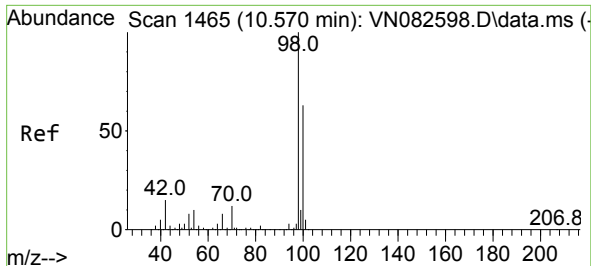
Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#

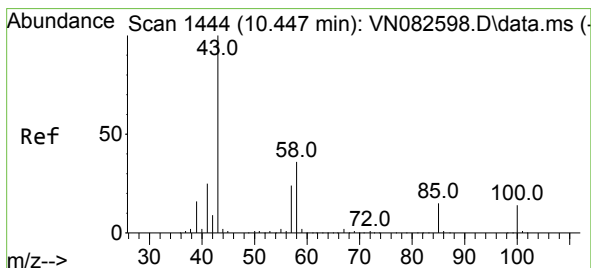
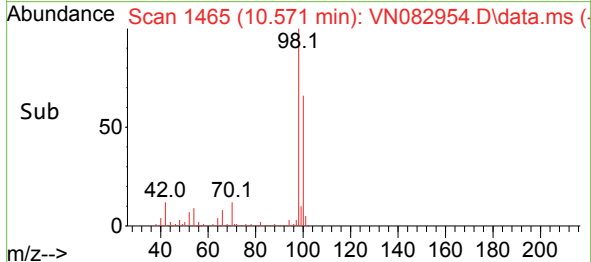
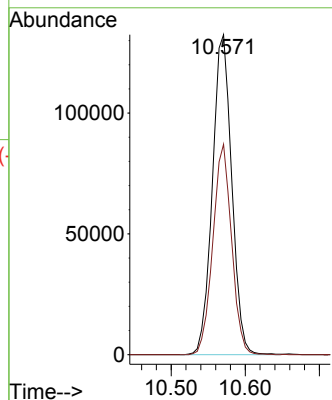
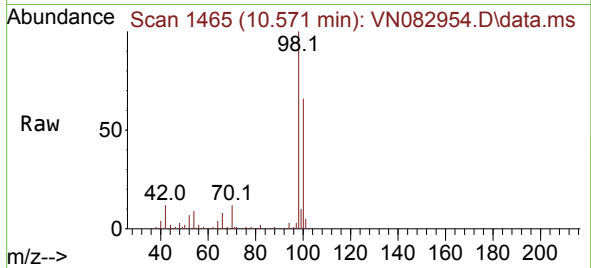




#50
Toluene-d8
Concen: 47.793 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082954.D
Acq: 17 Jul 2024 11:10

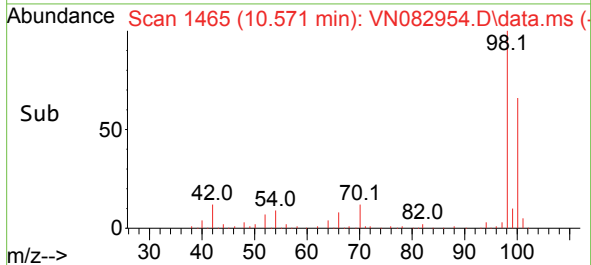
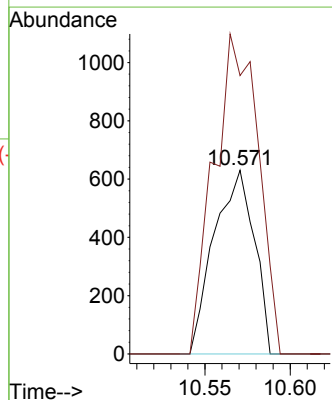
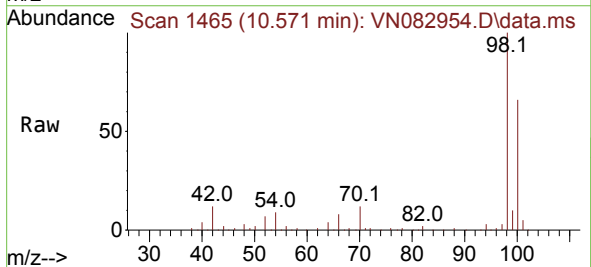
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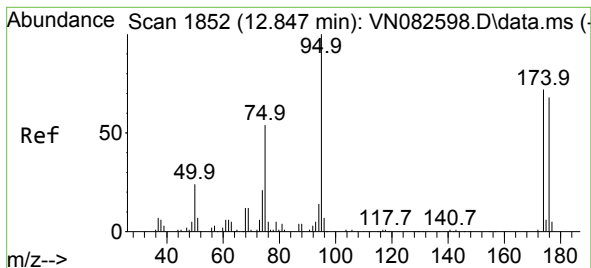
Tgt Ion: 98 Resp: 239837
Ion Ratio Lower Upper
98 100
100 63.6 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.547 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.124 min
Lab File: VN082954.D
Acq: 17 Jul 2024 11:10

Tgt Ion: 43 Resp: 1034
Ion Ratio Lower Upper
43 100
58 191.9 28.2 42.4#

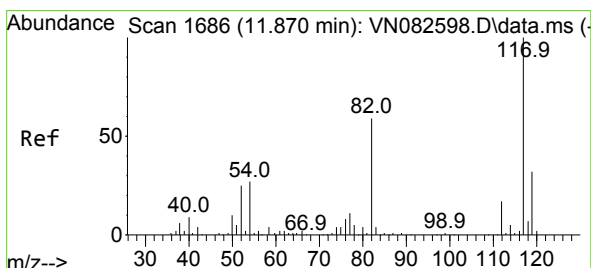
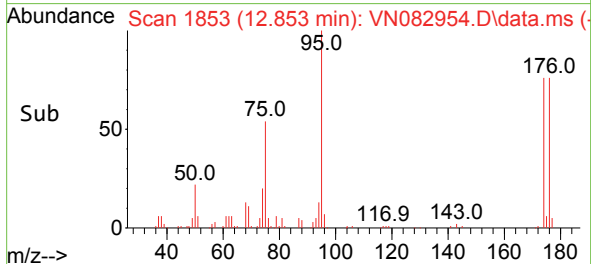
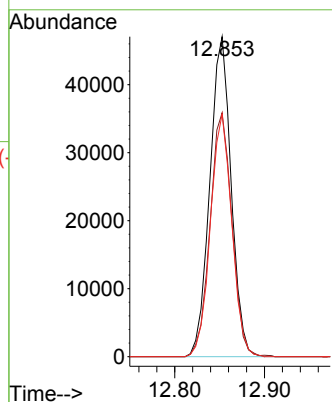
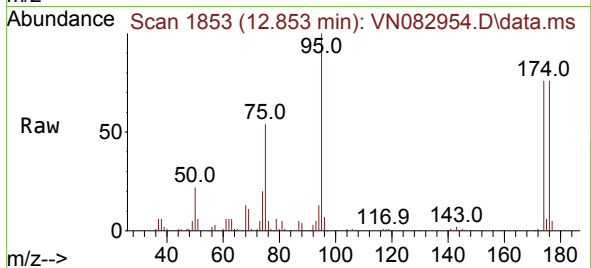




#62
4-Bromofluorobenzene
Concen: 43.079 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082954.D
Acq: 17 Jul 2024 11:10

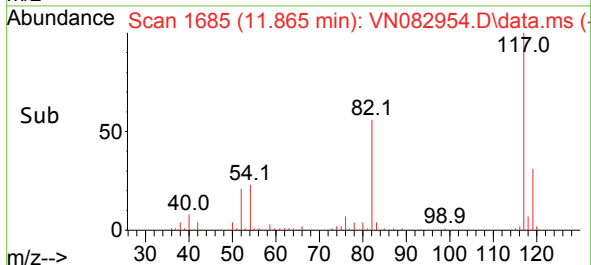
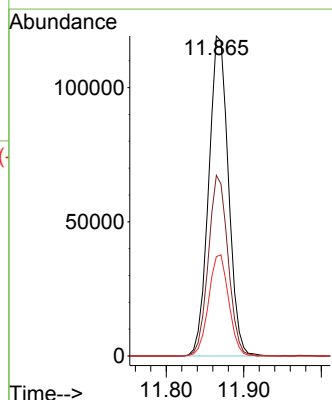
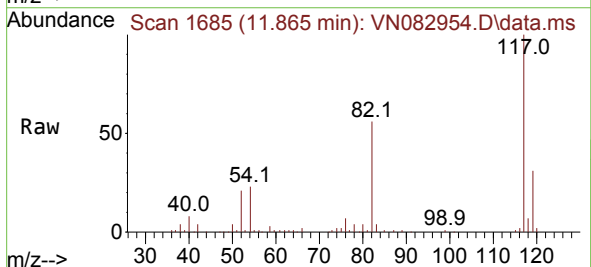
Instrument :
MSVOA_N
ClientSampleId :

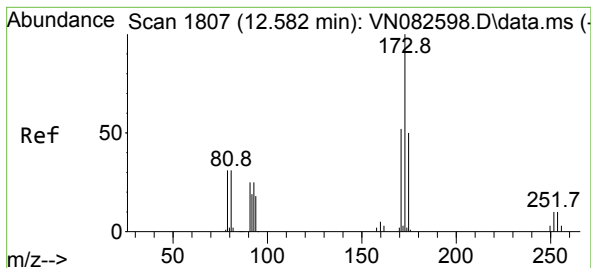
Tgt Ion: 95 Resp: 77655
Ion Ratio Lower Upper
95 100
174 78.4 0.0 159.2
176 75.7 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN082954.D
Acq: 17 Jul 2024 11:10

Tgt Ion: 117 Resp: 210883
Ion Ratio Lower Upper
117 100
82 56.4 47.5 71.3
119 31.1 25.6 38.4





#71

Bromoform

Concen: 0.403 ug/l

RT: 12.847 min Scan# 1807

Delta R.T. 0.265 min

Lab File: VN082954.D

Acq: 17 Jul 2024 11:10

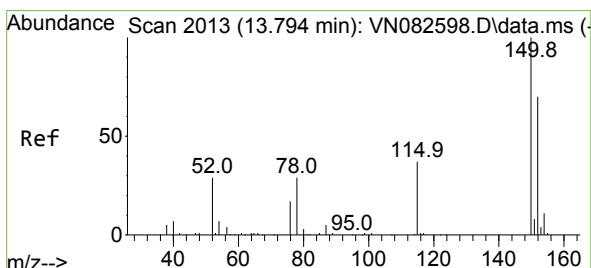
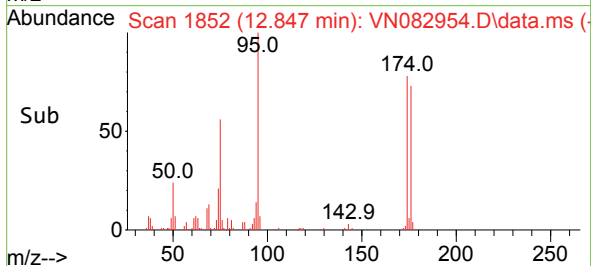
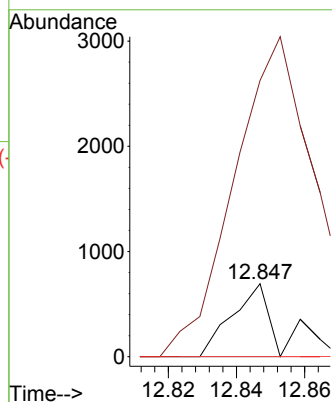
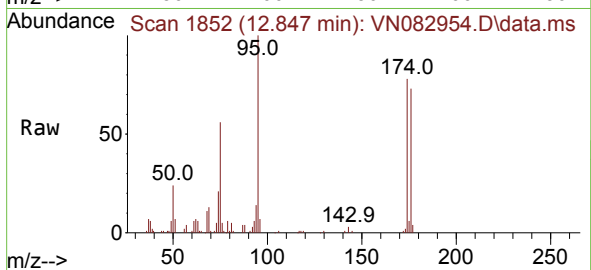
Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:173 Resp: 509

Ion	Ratio	Lower	Upper
173	100		
175	801.6	24.0	72.0#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

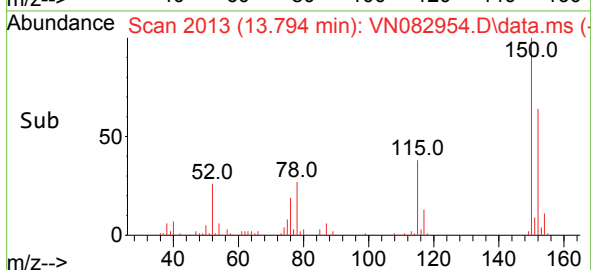
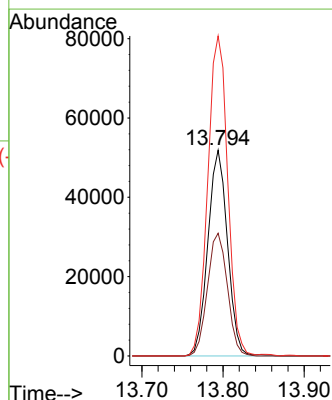
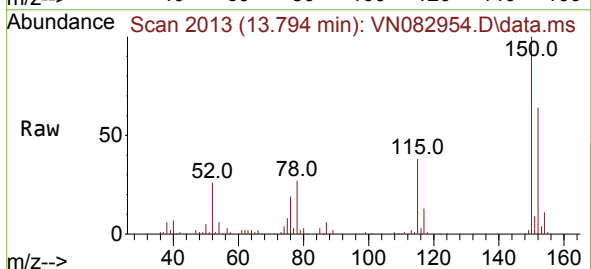
Delta R.T. -0.000 min

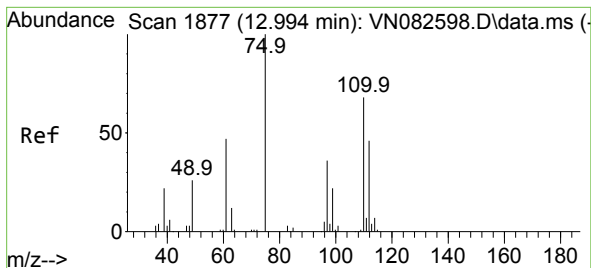
Lab File: VN082954.D

Acq: 17 Jul 2024 11:10

Tgt Ion:152 Resp: 87152

Ion	Ratio	Lower	Upper
152	100		
115	60.5	30.6	91.6
150	157.3	0.0	348.6





#76

1,2,3-Trichloropropane

Concen: 28.763 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082954.D

Acq: 17 Jul 2024 11:10

Instrument :

MSVOA_N

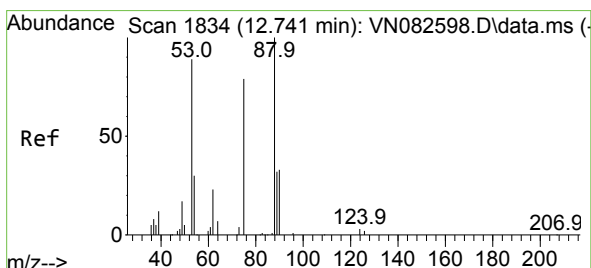
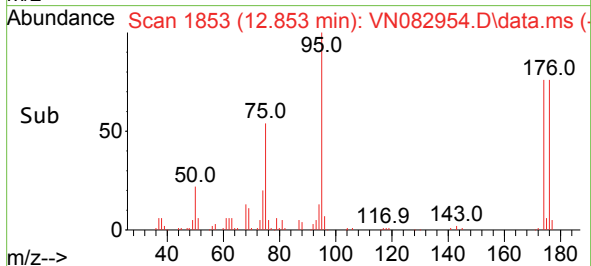
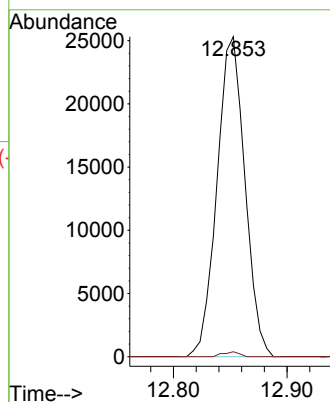
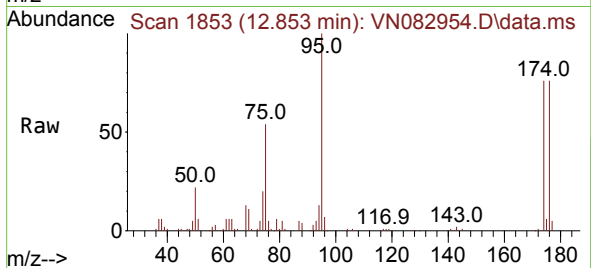
ClientSampleId :

Tgt Ion: 75 Resp: 43218

Ion Ratio Lower Upper

75 100

77 0.9 110.9 332.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 56.569 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN082954.D

Acq: 17 Jul 2024 11:10

Tgt Ion: 75 Resp: 43218

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

89 0.0 36.3 54.5#

