

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071024\
 Data File : VN082858.D
 Acq On : 10 Jul 2024 16:26
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 11 03:50:21 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)

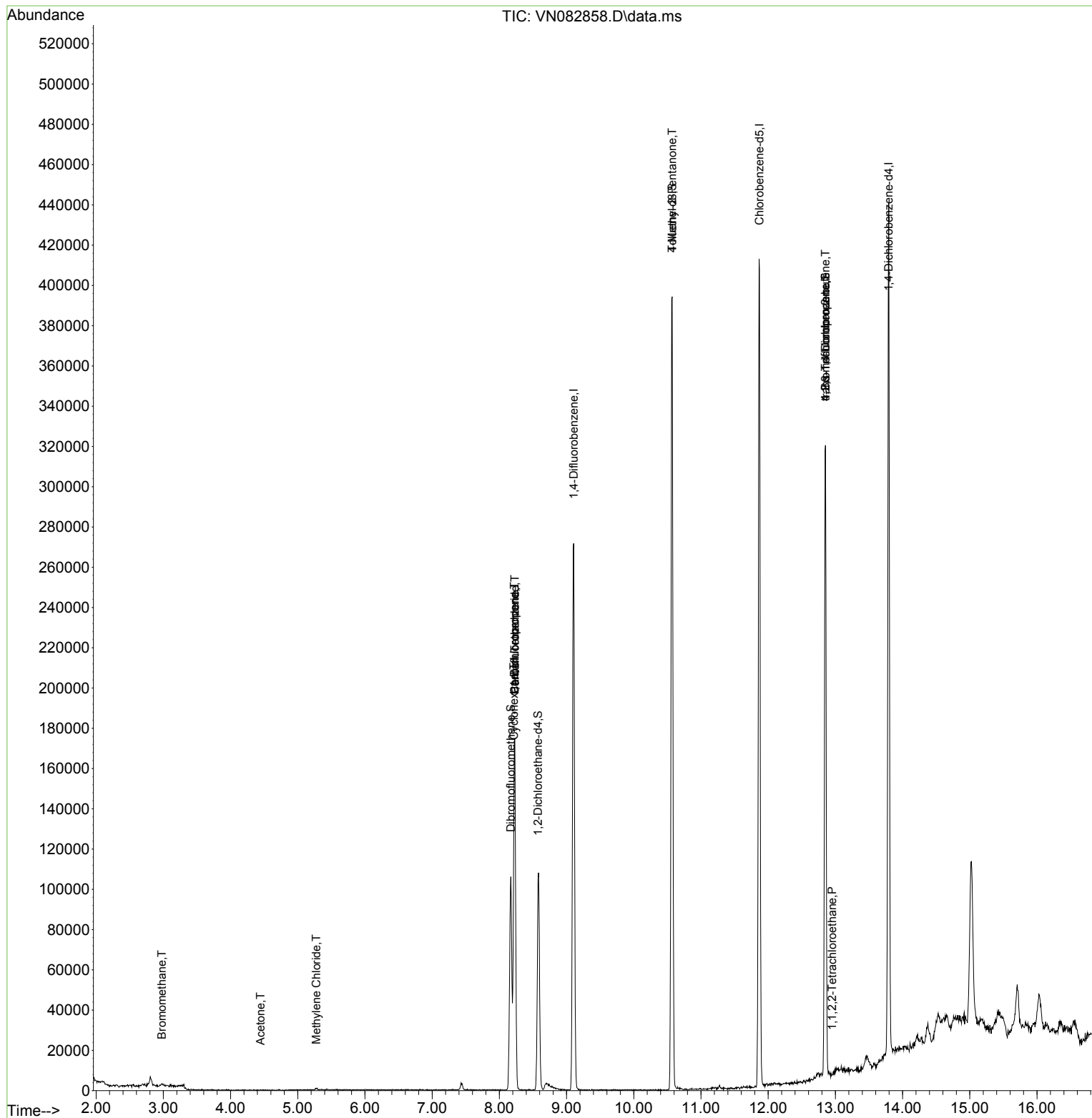
Internal Standards						
1) Pentafluorobenzene	8.230	168	125152	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	232538	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	236744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	108481	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	91375	52.084	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.160%	
35) Dibromofluoromethane	8.171	113	74484	49.918	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.840%	
50) Toluene-d8	10.571	98	274740	49.851	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.700%	
62) 4-Bromofluorobenzene	12.853	95	107903	54.506	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 109.020%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.977	94	371	0.319	ug/l #	68
16) Acetone	4.447	43	202	0.327	ug/l #	48
20) Methylene Chloride	5.277	84	671	0.450	ug/l #	14
31) Cyclohexane	8.218	56	3203	1.396	ug/l #	34
36) 1,1-Dichloropropene	8.224	75	10331	5.022	ug/l #	53
38) Carbon Tetrachloride	8.230	117	13610	5.495	ug/l #	17
43) Isopropyl Acetate	8.682	43	1548	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.571	43	1509	0.727	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.953	83	491	0.208	ug/l #	26
76) 1,2,3-Trichloropropane	12.853	75	59049	31.572	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	59049	62.094	ug/l #	6

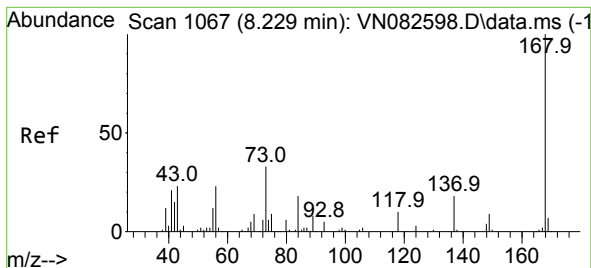
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071024\
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Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jul 11 03:50:21 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: VN082858.D

Acq: 10 Jul 2024 16:26

Instrument :

MSVOA_N

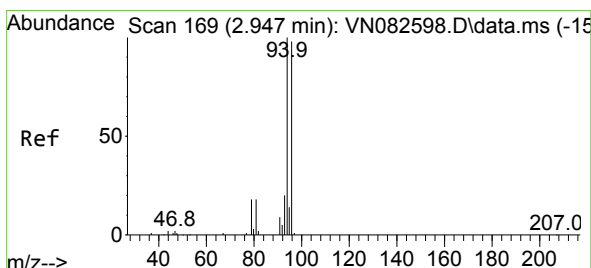
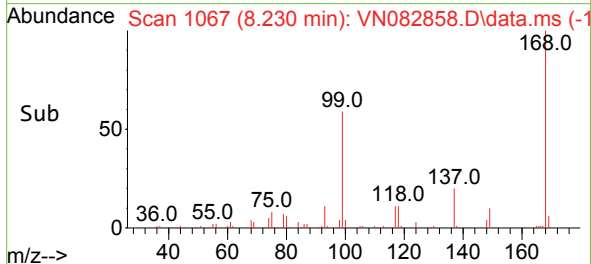
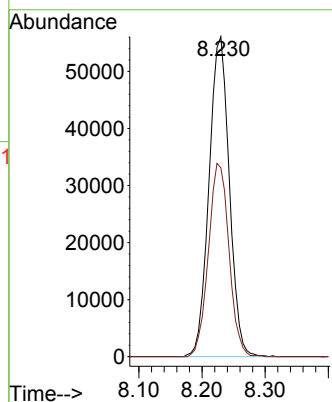
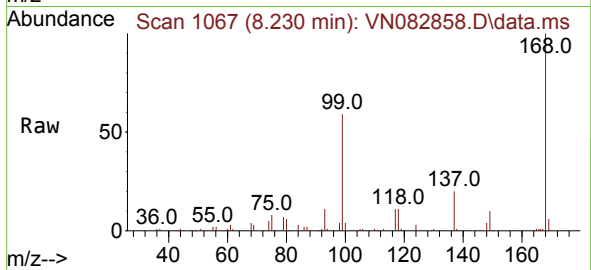
ClientSampleId :

Tgt Ion:168 Resp: 125152

Ion Ratio Lower Upper

168 100

99 59.0 48.2 72.4



#5

Bromomethane

Concen: 0.319 ug/l

RT: 2.977 min Scan# 174

Delta R.T. 0.030 min

Lab File: VN082858.D

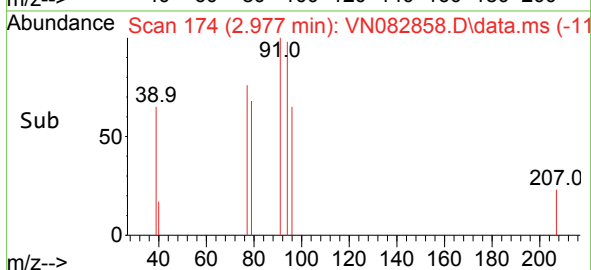
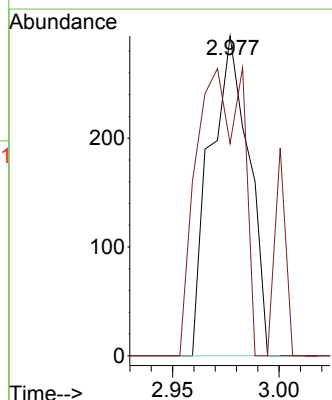
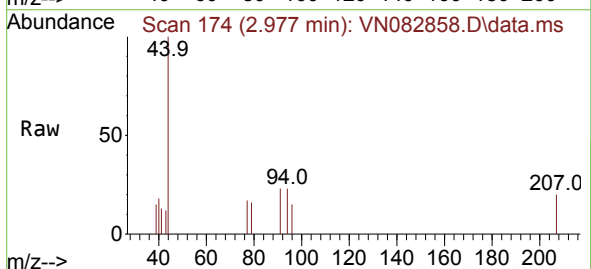
Acq: 10 Jul 2024 16:26

Tgt Ion: 94 Resp: 371

Ion Ratio Lower Upper

94 100

96 66.3 78.0 117.0#

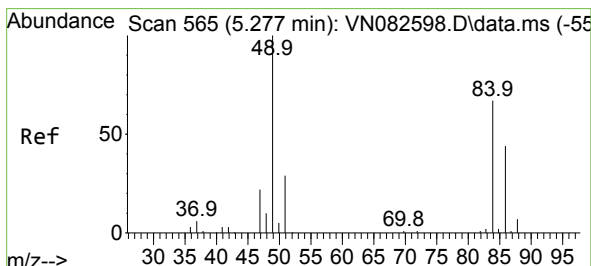
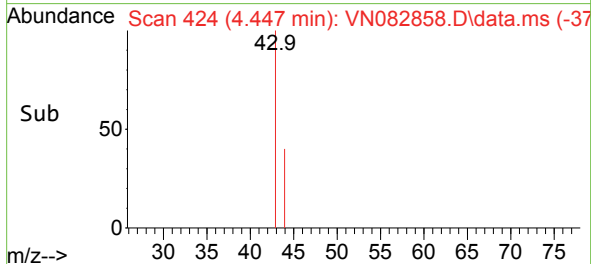
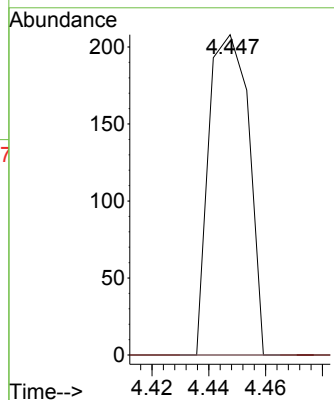
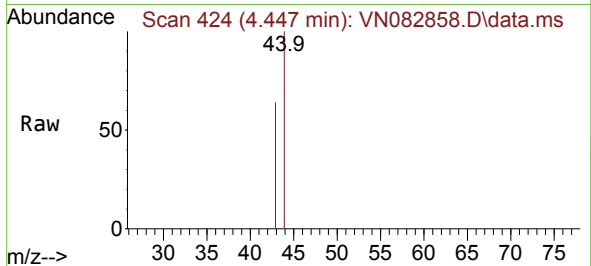




#16
Acetone
Concen: 0.327 ug/l
RT: 4.447 min Scan# 41
Delta R.T. 0.017 min
Lab File: VN082858.D
Acq: 10 Jul 2024 16:26

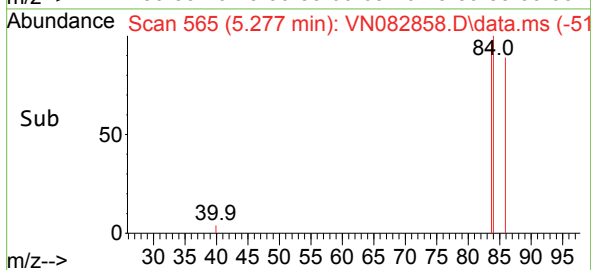
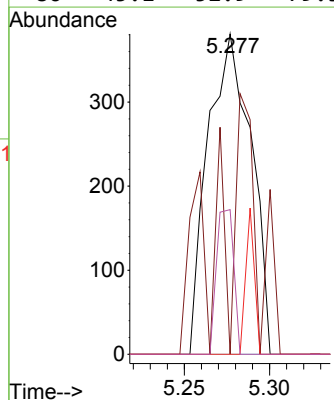
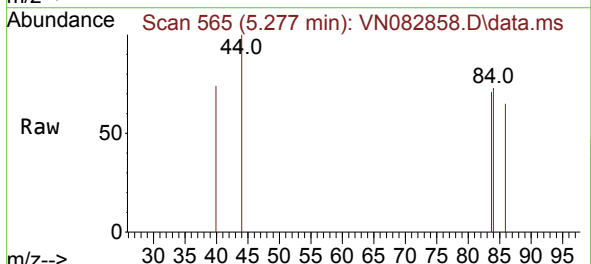
Instrument :
MSVOA_N
ClientSampleId :

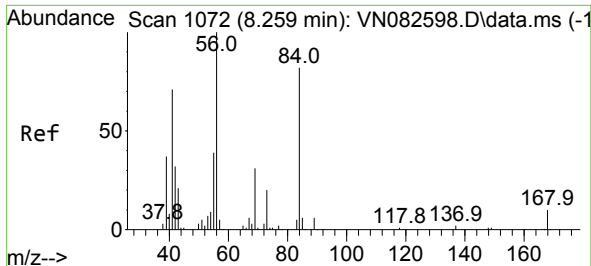
Tgt Ion: 43 Resp: 202
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



#20
Methylene Chloride
Concen: 0.450 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN082858.D
Acq: 10 Jul 2024 16:26

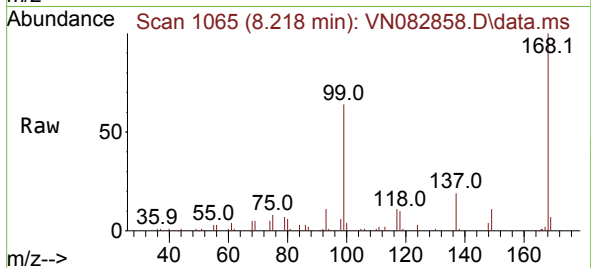
Tgt Ion: 84 Resp: 671
Ion Ratio Lower Upper
84 100
49 0.0 119.6 179.4#
51 0.0 34.8 52.2#
86 45.1 52.9 79.3#



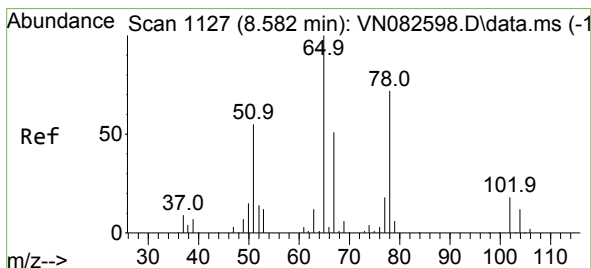
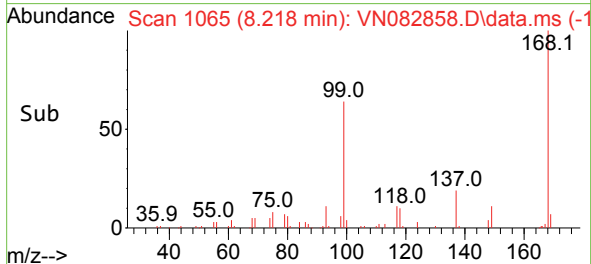
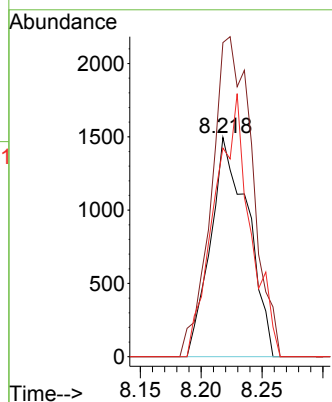


#31
Cyclohexane
Concen: 1.396 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN082858.D
Acq: 10 Jul 2024 16:26

Instrument :
MSVOA_N
ClientSampleId :

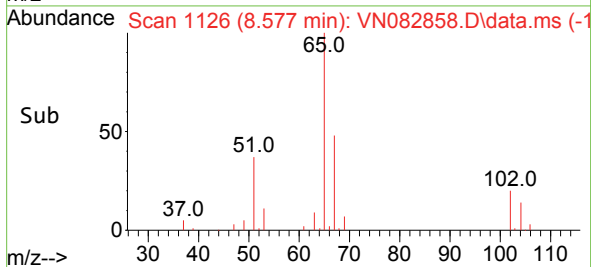
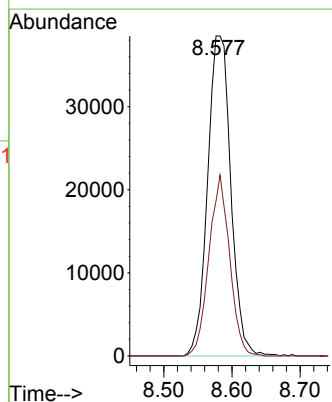
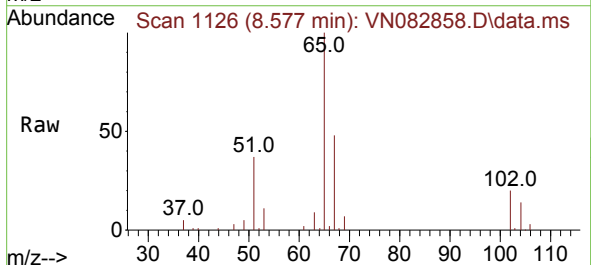


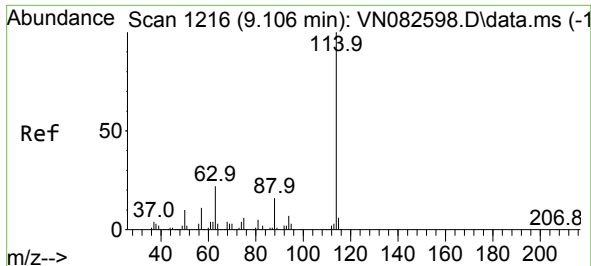
Tgt Ion: 56 Resp: 3203
Ion Ratio Lower Upper
56 100
69 143.2 24.5 36.7#
84 95.2 66.0 99.0



#33
1,2-Dichloroethane-d4
Concen: 52.084 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN082858.D
Acq: 10 Jul 2024 16:26

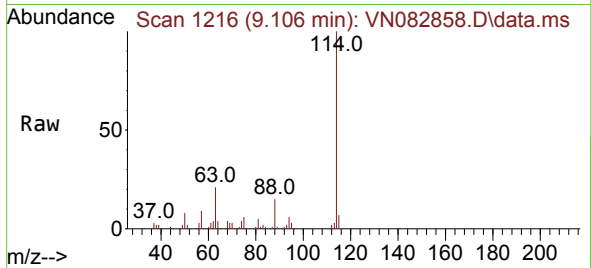
Tgt Ion: 65 Resp: 91375
Ion Ratio Lower Upper
65 100
67 50.5 0.0 104.4



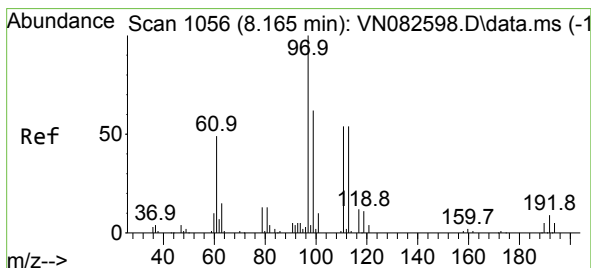
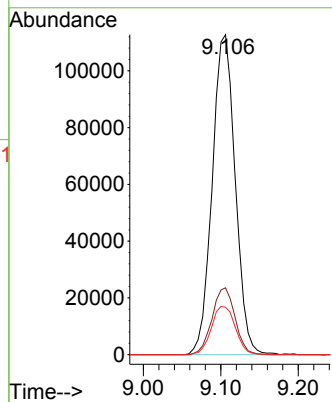
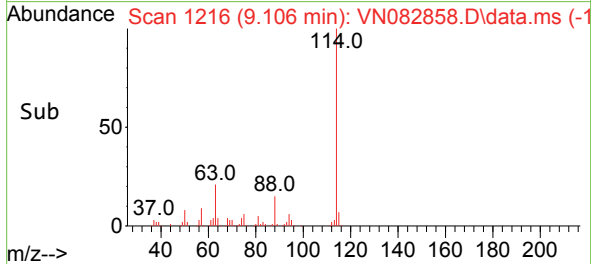


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082858.D
Acq: 10 Jul 2024 16:26

Instrument :
MSVOA_N
ClientSampleId :

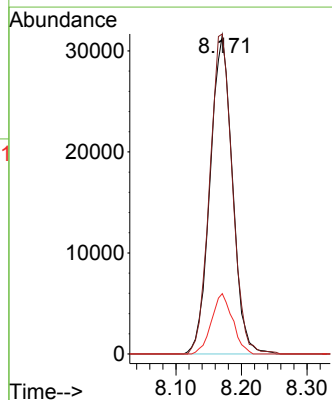
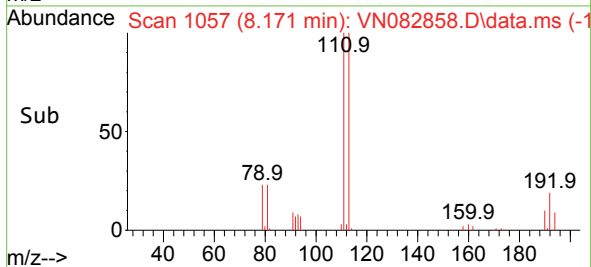
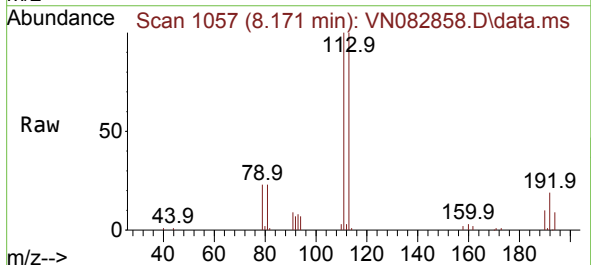


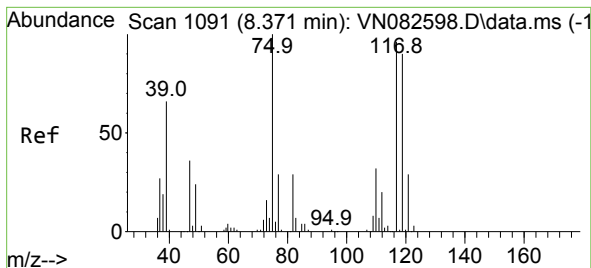
Tgt Ion:114 Resp: 232538
Ion Ratio Lower Upper
114 100
63 20.9 0.0 44.6
88 14.9 0.0 31.4



#35
Dibromofluoromethane
Concen: 49.918 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082858.D
Acq: 10 Jul 2024 16:26

Tgt Ion:113 Resp: 74484
Ion Ratio Lower Upper
113 100
111 101.6 82.4 123.6
192 17.9 14.9 22.3





#36

1,1-Dichloropropene

Concen: 5.022 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

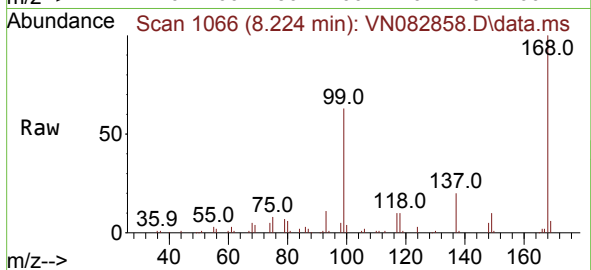
Lab File: VN082858.D

Acq: 10 Jul 2024 16:26

Instrument :

MSVOA_N

ClientSampleId :



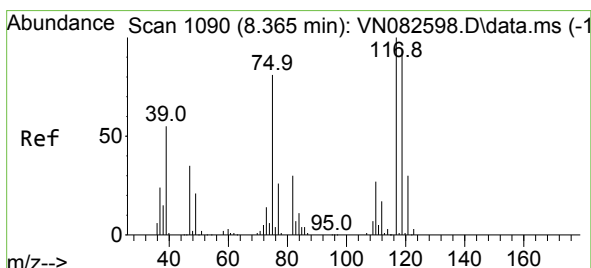
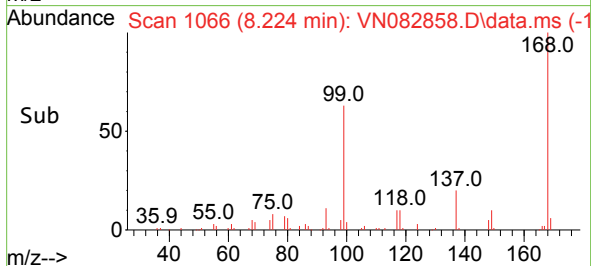
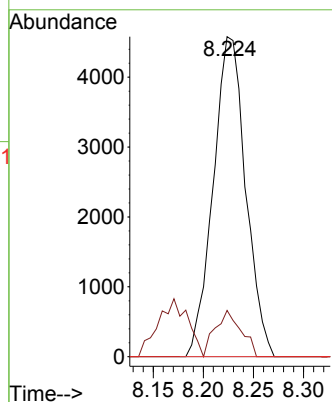
Tgt Ion: 75 Resp: 10331

Ion Ratio Lower Upper

75 100

110 11.5 16.3 48.9#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.495 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN082858.D

Acq: 10 Jul 2024 16:26

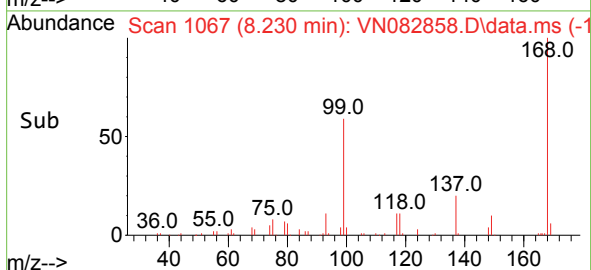
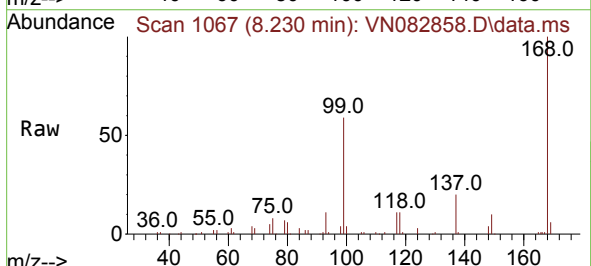
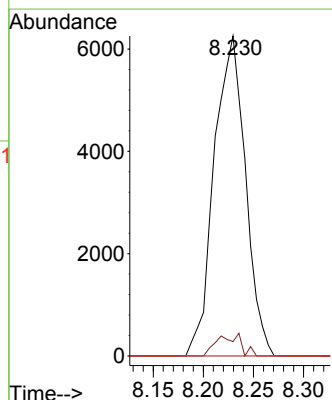
Tgt Ion: 117 Resp: 13610

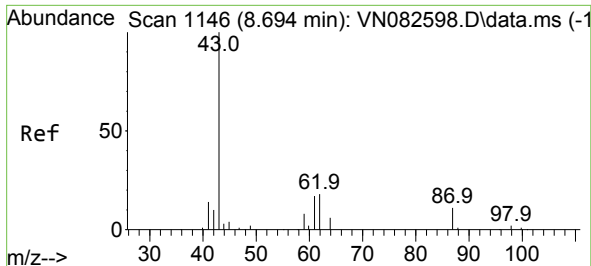
Ion Ratio Lower Upper

117 100

119 4.5 74.9 112.3#

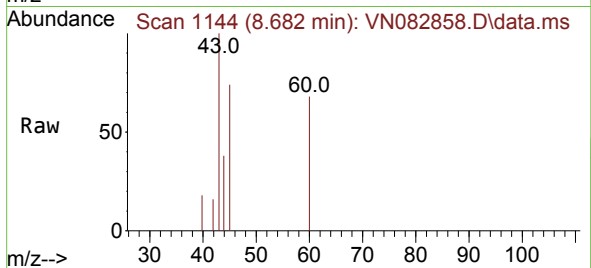
121 0.0 24.3 36.5#



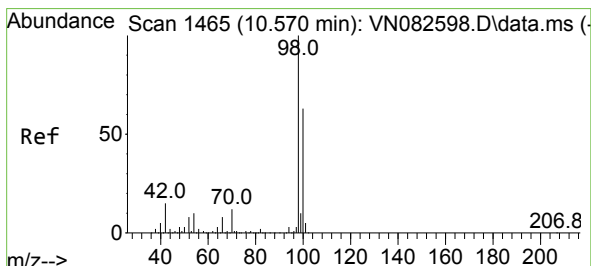
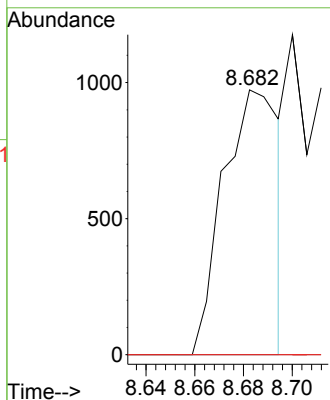
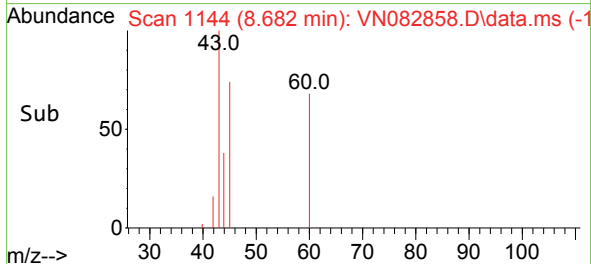


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.682 min Scan# 1144
Delta R.T. -0.012 min
Lab File: VN082858.D
Acq: 10 Jul 2024 16:26

Instrument :
MSVOA_N
ClientSampleId :

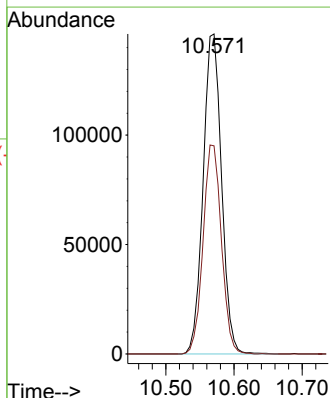
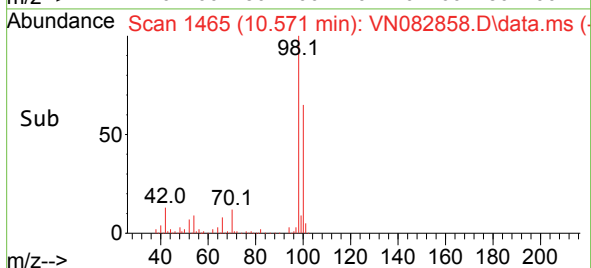
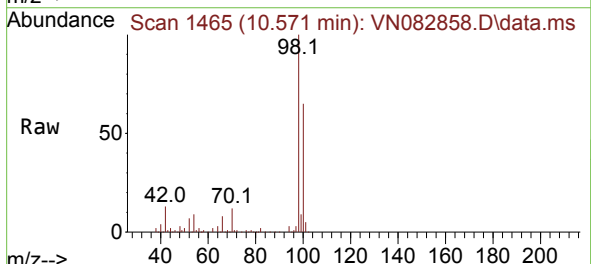


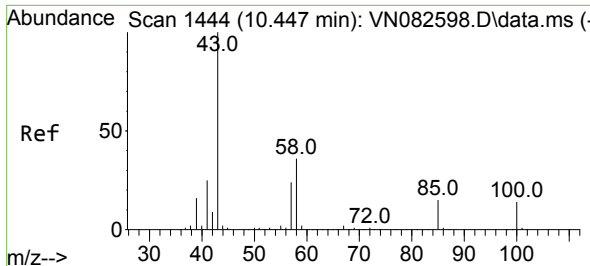
Tgt Ion: 43 Resp: 1548
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 49.851 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082858.D
Acq: 10 Jul 2024 16:26

Tgt Ion: 98 Resp: 274740
Ion Ratio Lower Upper
98 100
100 65.0 51.5 77.3

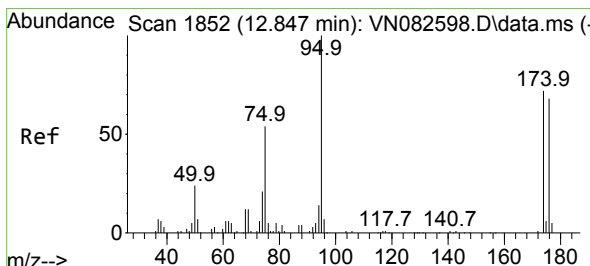
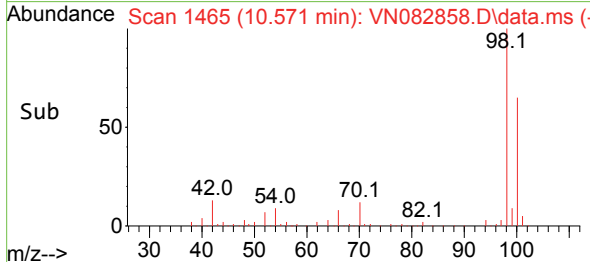
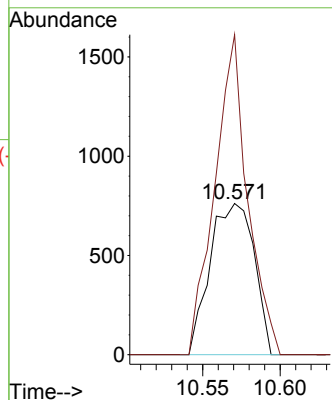
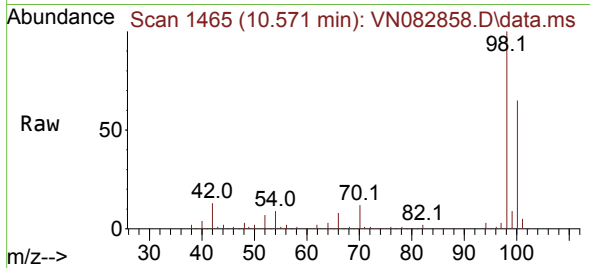




#51
4-Methyl-2-Pentanone
Concen: 0.727 ug/l
RT: 10.571 min Scan# 1444
Delta R.T. 0.124 min
Lab File: VN082858.D
Acq: 10 Jul 2024 16:26

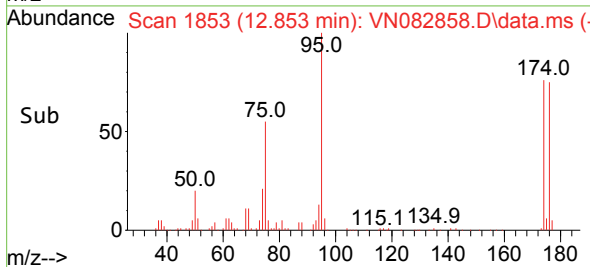
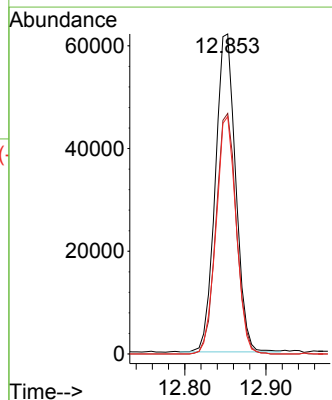
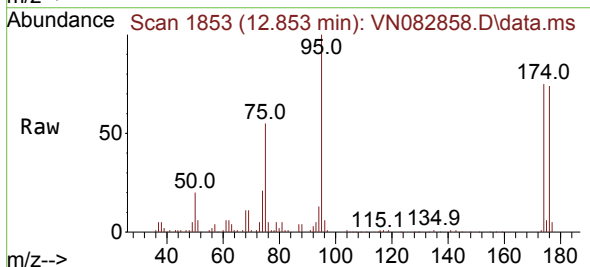
Instrument :
MSVOA_N
ClientSampleId :

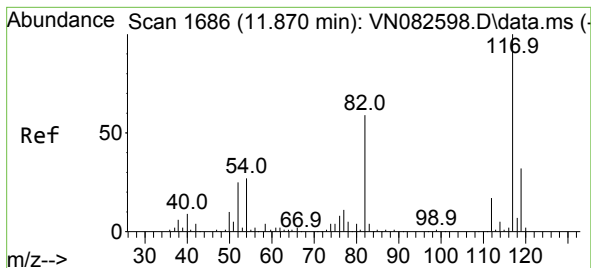
Tgt Ion: 43 Resp: 1509
Ion Ratio Lower Upper
43 100
58 157.6 28.2 42.4#



#62
4-Bromofluorobenzene
Concen: 54.506 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082858.D
Acq: 10 Jul 2024 16:26

Tgt Ion: 95 Resp: 107903
Ion Ratio Lower Upper
95 100
174 75.5 0.0 159.2
176 73.5 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN082858.D

Acq: 10 Jul 2024 16:26

Instrument :

MSVOA_N

ClientSampleId :

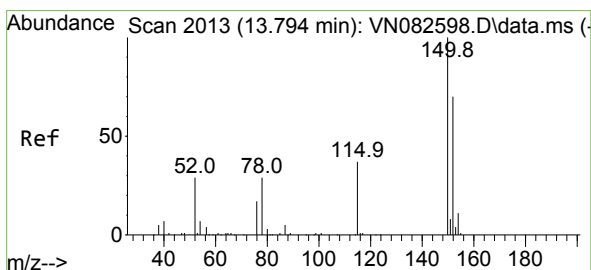
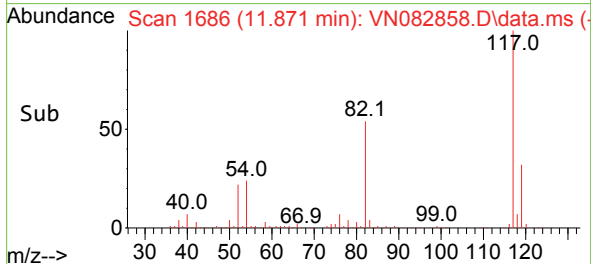
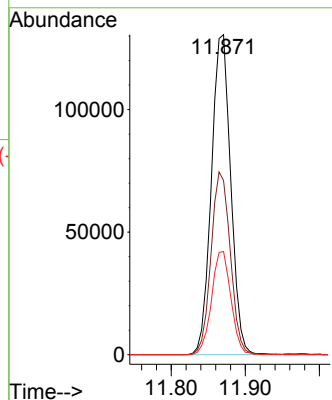
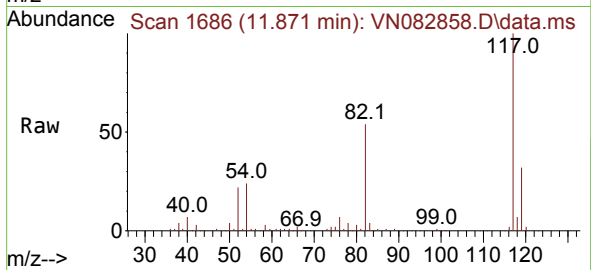
Tgt Ion:117 Resp: 236744

Ion Ratio Lower Upper

117 100

82 54.4 47.5 71.3

119 32.3 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN082858.D

Acq: 10 Jul 2024 16:26

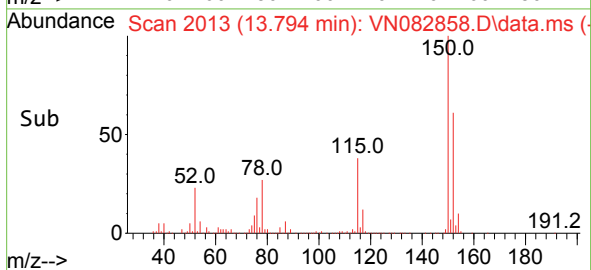
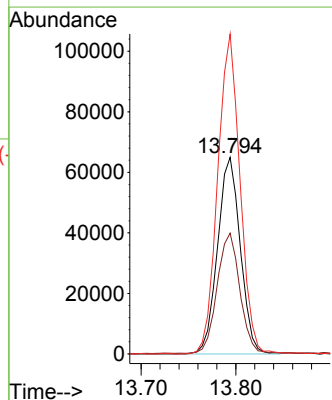
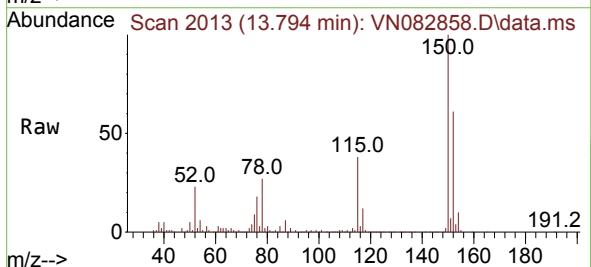
Tgt Ion:152 Resp: 108481

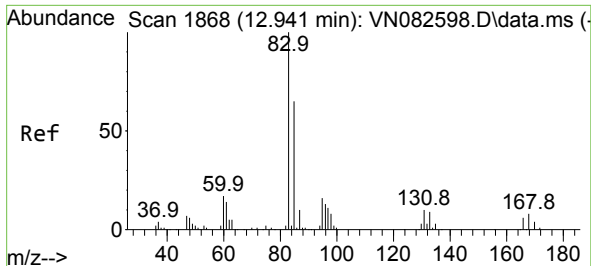
Ion Ratio Lower Upper

152 100

115 60.8 30.6 91.6

150 160.1 0.0 348.6

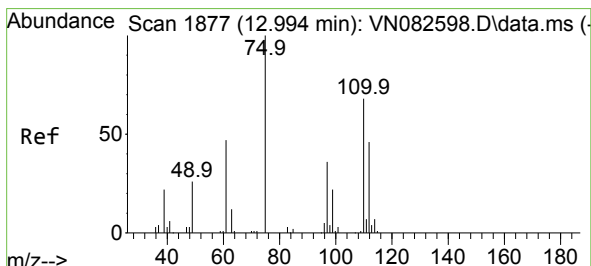
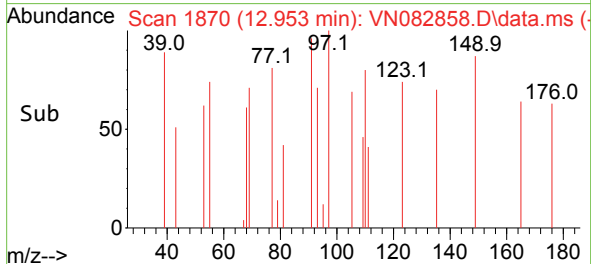
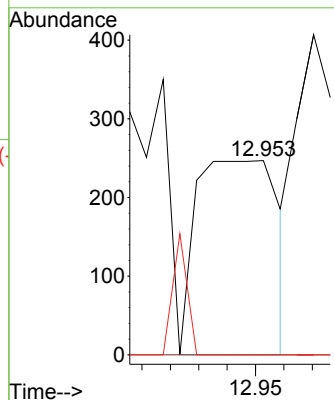
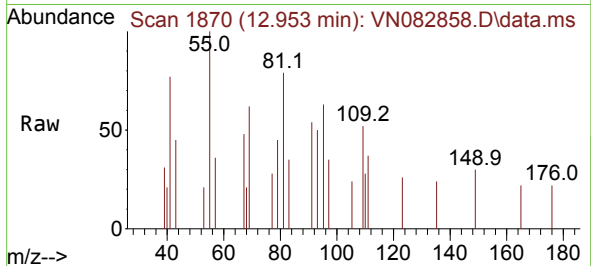




#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.208 ug/l
 RT: 12.953 min Scan# 1870
 Delta R.T. 0.012 min
 Lab File: VN082858.D
 Acq: 10 Jul 2024 16:26

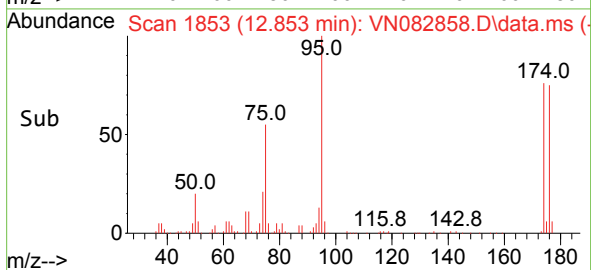
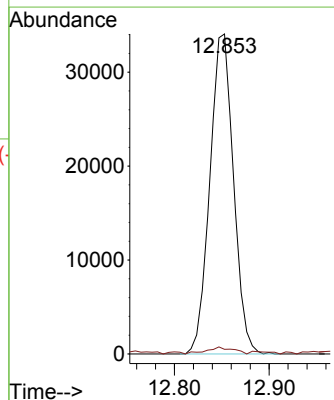
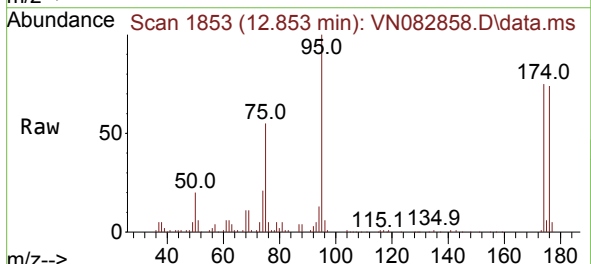
Instrument :
 MSVOA_N
 ClientSampleId :

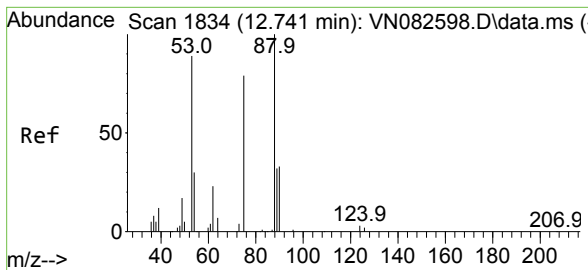
Tgt Ion: 83 Resp: 491
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.0 14.9#
 85 0.0 31.9 95.7#



#76
 1,2,3-Trichloropropane
 Concen: 31.572 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN082858.D
 Acq: 10 Jul 2024 16:26

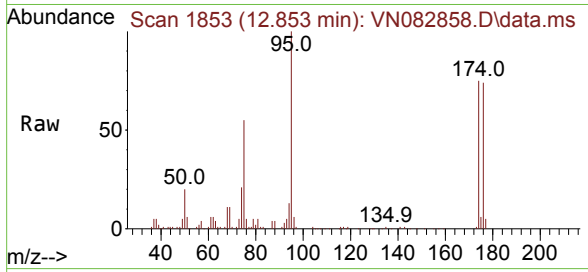
Tgt Ion: 75 Resp: 59049
 Ion Ratio Lower Upper
 75 100
 77 2.4 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.094 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN082858.D
 Acq: 10 Jul 2024 16:26

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.2	88.4	132.6#
89	0.0	36.3	54.5#

