

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071624\
 Data File : VN082937.D
 Acq On : 16 Jul 2024 15:45
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jul 17 00:56:50 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	8.206	168	76603	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	9.088	114	152016	50.000	ug/l	-0.02
63) Chlorobenzene-d5	11.865	117	151685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	62159	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	63692	59.314	ug/l	-0.02
Spiked Amount	50.000	Range	74 - 125	Recovery	= 118.620%	
35) Dibromofluoromethane	8.147	113	52601	53.925	ug/l	-0.02
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.840%	
50) Toluene-d8	10.559	98	184916	51.326	ug/l	-0.01
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.660%	
62) 4-Bromofluorobenzene	12.847	95	59728	46.152	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 92.300%	

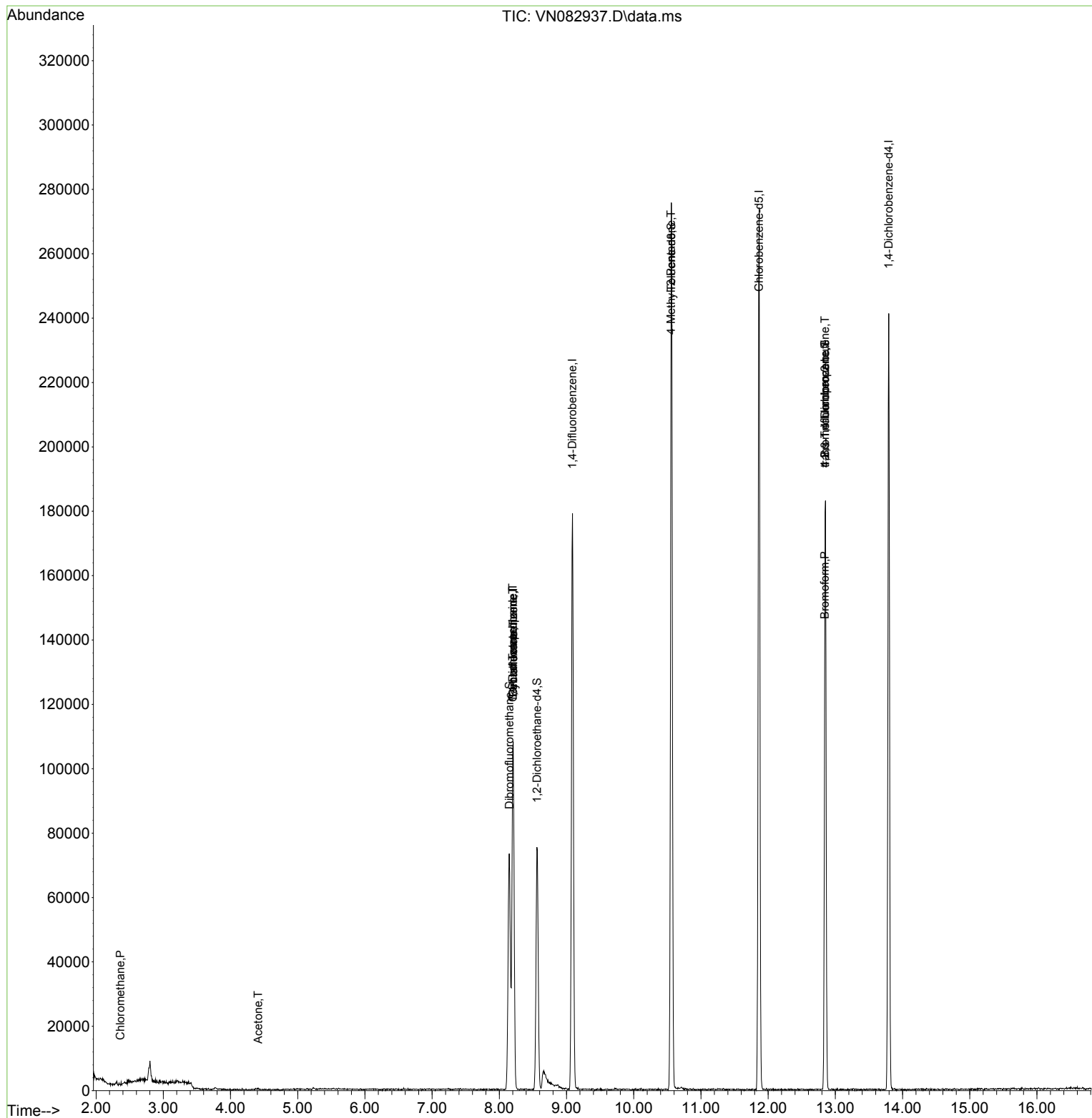
Target Compounds			Qvalue			
3) Chloromethane	2.359	50	286	0.304	ug/l #	43
16) Acetone	4.412	43	459	1.214	ug/l #	48
31) Cyclohexane	8.206	56	1925	1.371	ug/l #	8
36) 1,1-Dichloropropene	8.200	75	6666	4.957	ug/l #	53
38) Carbon Tetrachloride	8.200	117	8391	5.182	ug/l #	17
43) Isopropyl Acetate	8.653	43	6994	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.553	43	694	0.511	ug/l #	1
71) Bromoform	12.841	173	217	0.239	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	33846	31.583	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	33846	62.114	ug/l #	6

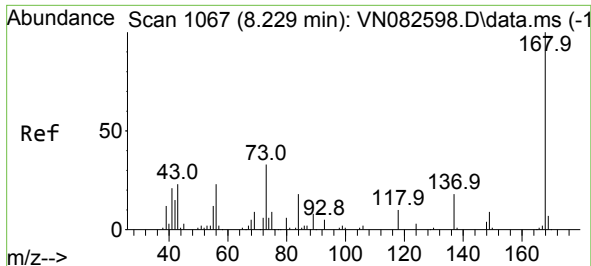
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071624\
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Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration

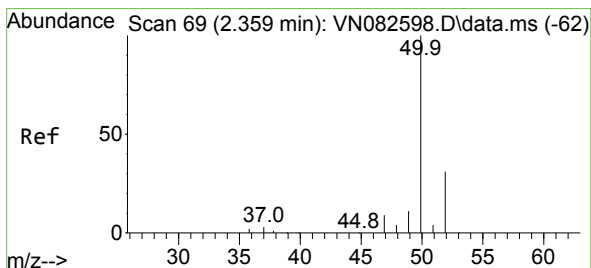
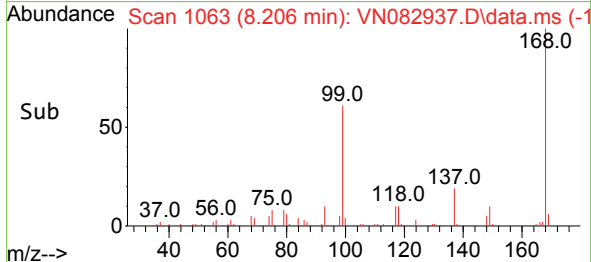
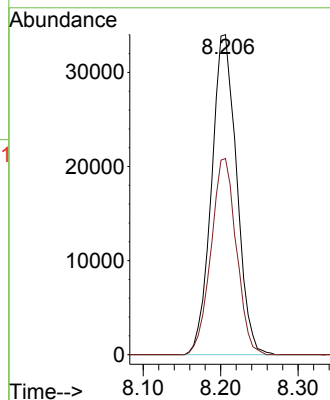
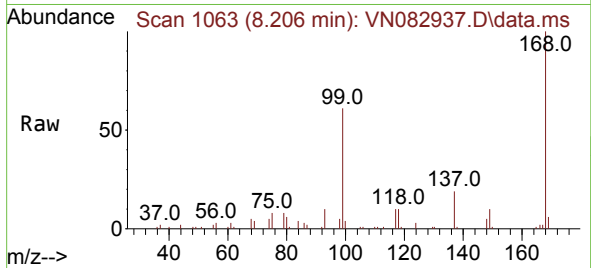




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 10
Delta R.T. -0.023 min
Lab File: VN082937.D
Acq: 16 Jul 2024 15:45

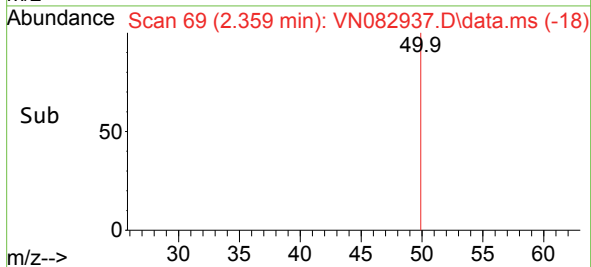
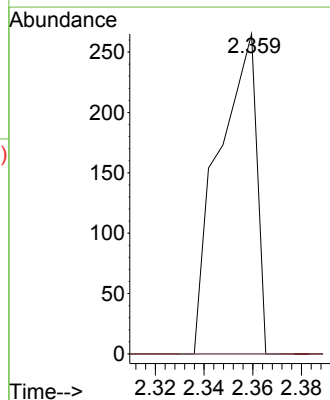
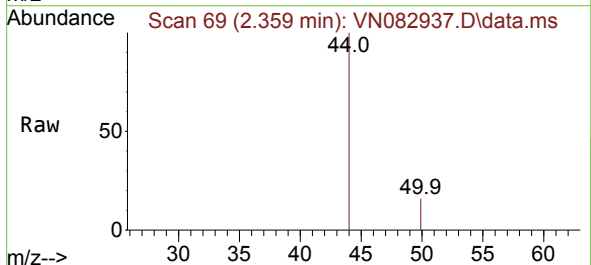
Instrument :
MSVOA_N
ClientSampleId :
IBLK

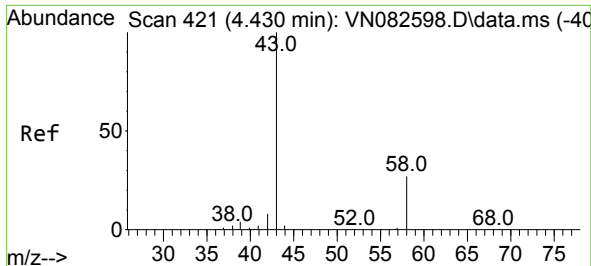
Tgt Ion:168 Resp: 76603
Ion Ratio Lower Upper
168 100
99 61.3 48.2 72.4



#3
Chloromethane
Concen: 0.304 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082937.D
Acq: 16 Jul 2024 15:45

Tgt Ion: 50 Resp: 286
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

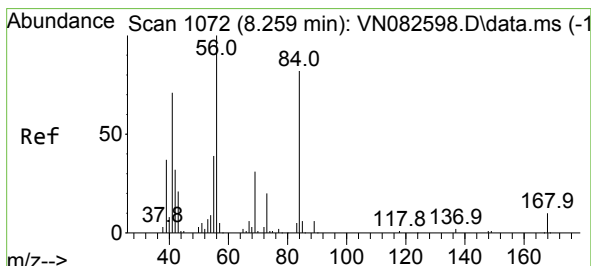
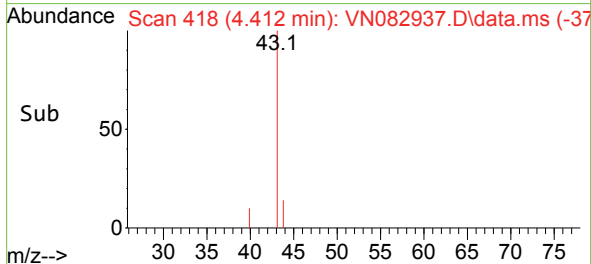
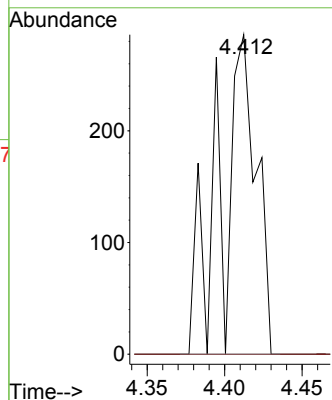
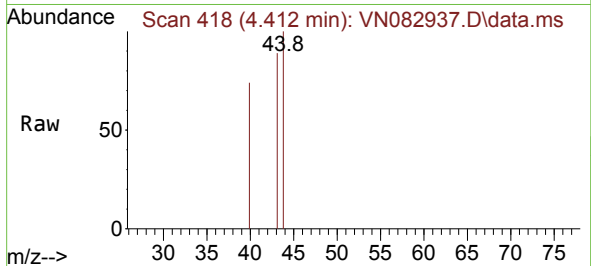




#16
Acetone
Concen: 1.214 ug/l
RT: 4.412 min Scan# 418
Delta R.T. -0.018 min
Lab File: VN082937.D
Acq: 16 Jul 2024 15:45

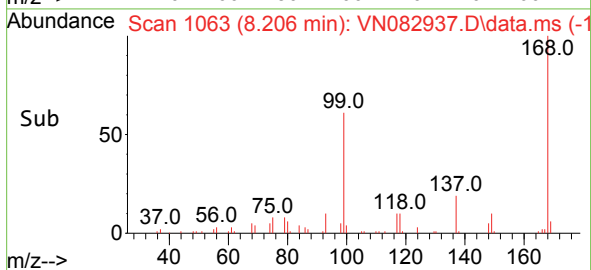
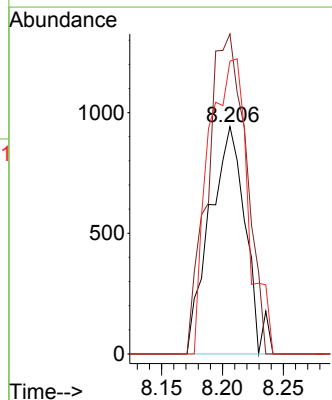
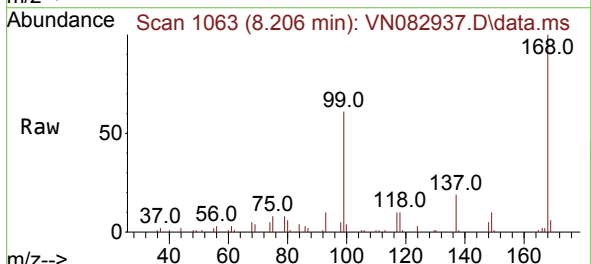
Instrument :
MSVOA_N
ClientSampleId :
IBLK

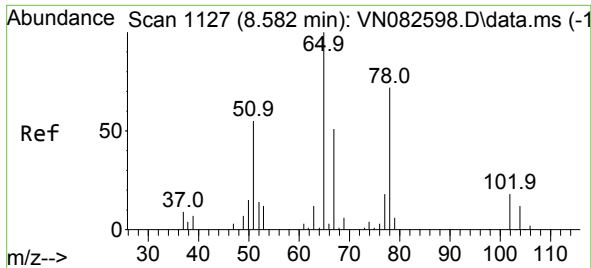
Tgt Ion: 43 Resp: 459
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



#31
Cyclohexane
Concen: 1.371 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.053 min
Lab File: VN082937.D
Acq: 16 Jul 2024 15:45

Tgt Ion: 56 Resp: 1925
Ion Ratio Lower Upper
56 100
69 140.8 24.5 36.7#
84 128.8 66.0 99.0#

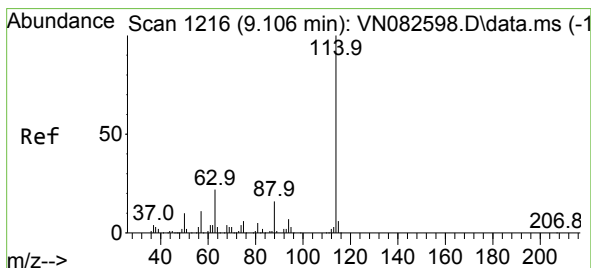
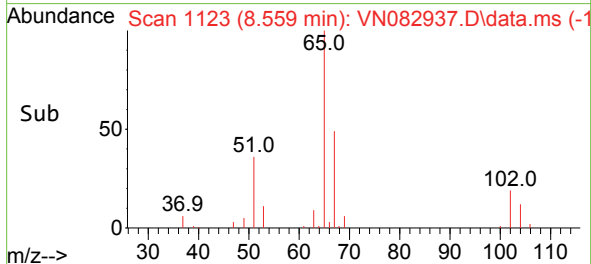
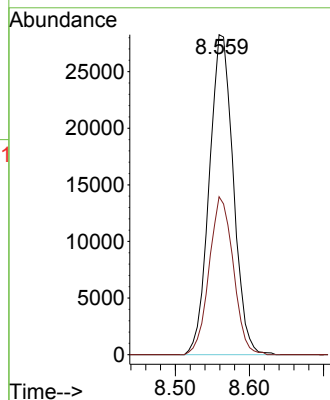
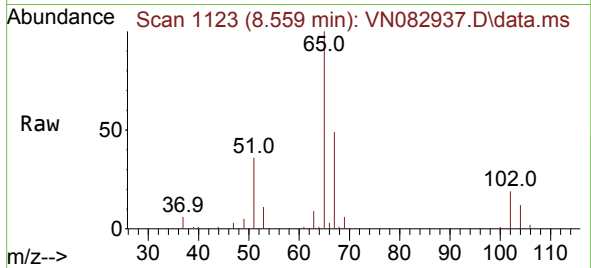




#33
 1,2-Dichloroethane-d4
 Concen: 59.314 ug/l
 RT: 8.559 min Scan# 1123
 Delta R.T. -0.023 min
 Lab File: VN082937.D
 Acq: 16 Jul 2024 15:45

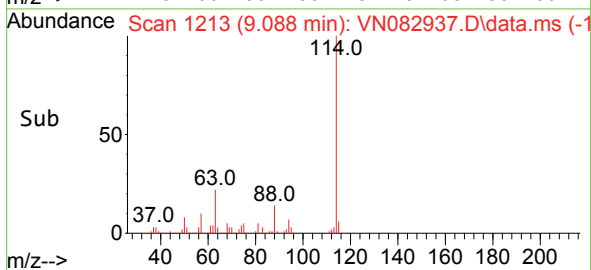
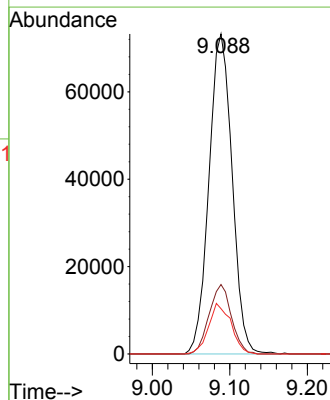
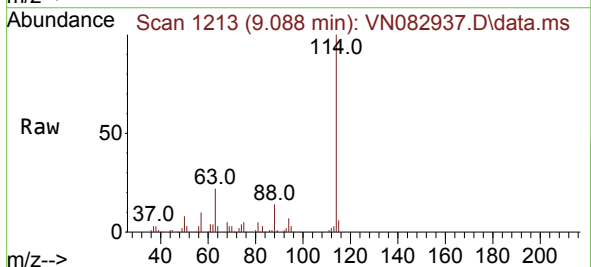
Instrument :
 MSVOA_N
 ClientSampleId :
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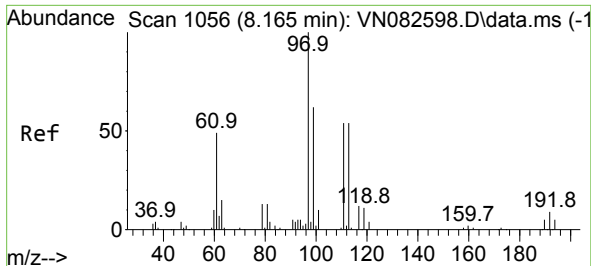
Tgt Ion: 65 Resp: 63692
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.088 min Scan# 1213
 Delta R.T. -0.018 min
 Lab File: VN082937.D
 Acq: 16 Jul 2024 15:45

Tgt Ion: 114 Resp: 152016
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 44.6
 88 14.2 0.0 31.4

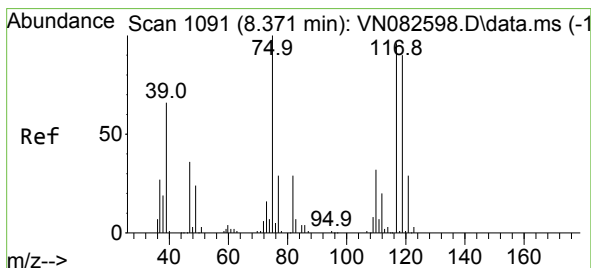
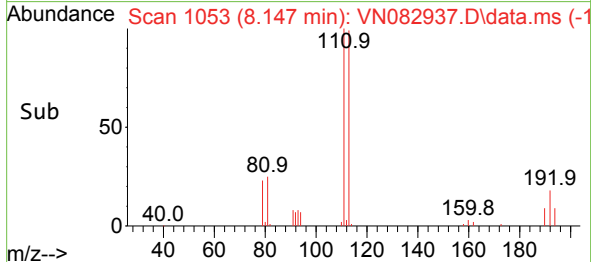
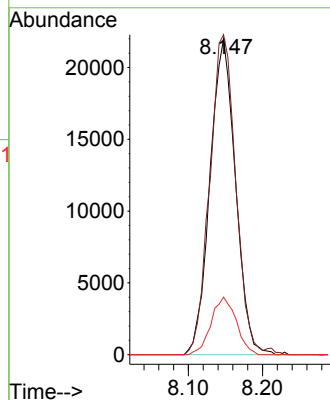
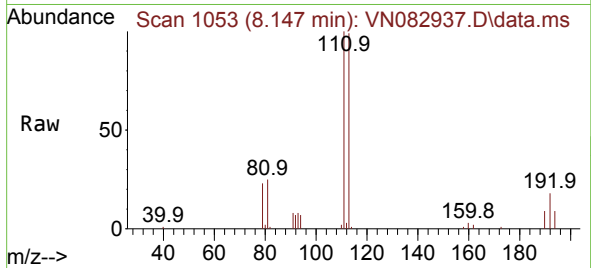




#35
Dibromofluoromethane
Concen: 53.925 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.018 min
Lab File: VN082937.D
Acq: 16 Jul 2024 15:45

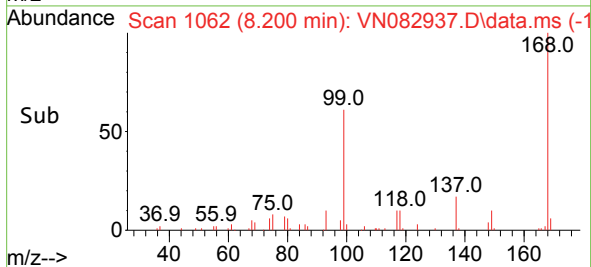
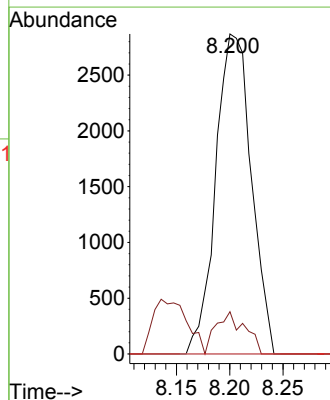
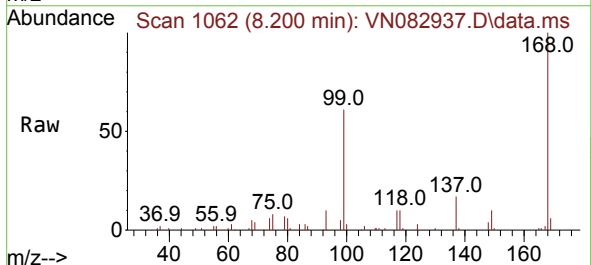
Instrument :
MSVOA_N
ClientSampleId :
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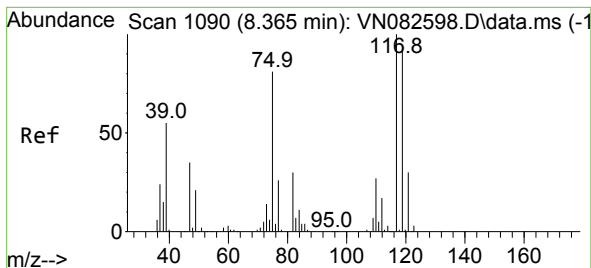
Tgt Ion:113 Resp: 52601
Ion Ratio Lower Upper
113 100
111 103.5 82.4 123.6
192 18.0 14.9 22.3



#36
1,1-Dichloropropene
Concen: 4.957 ug/l
RT: 8.200 min Scan# 1062
Delta R.T. -0.171 min
Lab File: VN082937.D
Acq: 16 Jul 2024 15:45

Tgt Ion: 75 Resp: 6666
Ion Ratio Lower Upper
75 100
110 10.7 16.3 48.9#
77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.182 ug/l

RT: 8.200 min Scan# 1109

Delta R.T. -0.165 min

Lab File: VN082937.D

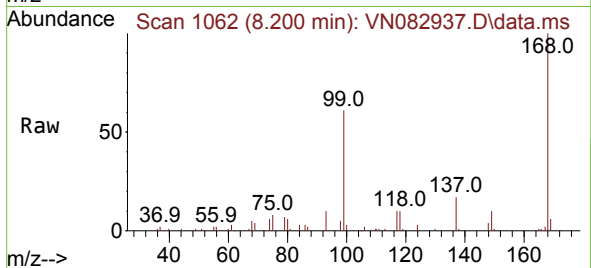
Acq: 16 Jul 2024 15:45

Instrument :

MSVOA_N

ClientSampleId :

IBLK



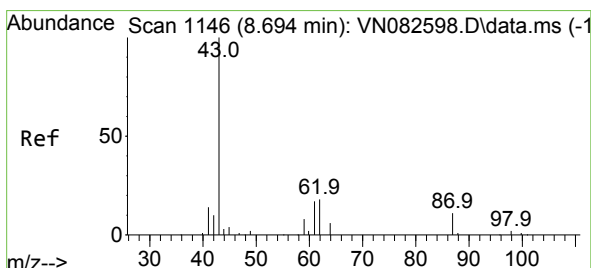
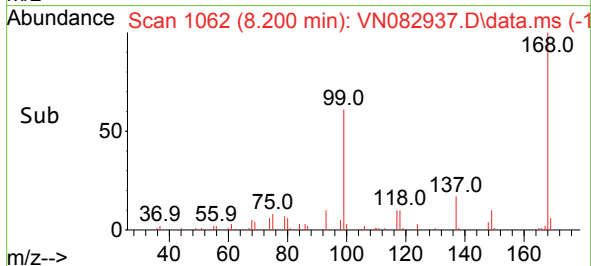
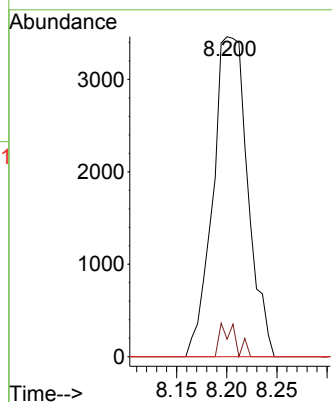
Tgt Ion:117 Resp: 8391

Ion Ratio Lower Upper

117 100

119 5.5 74.9 112.3#

121 0.0 24.3 36.5#



#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.653 min Scan# 1139

Delta R.T. -0.041 min

Lab File: VN082937.D

Acq: 16 Jul 2024 15:45

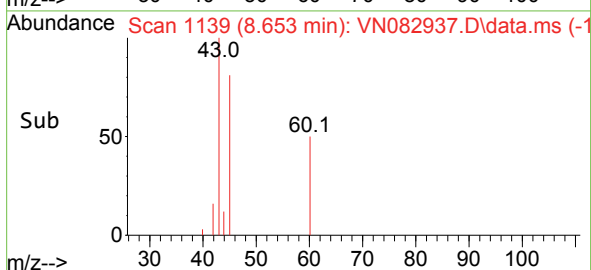
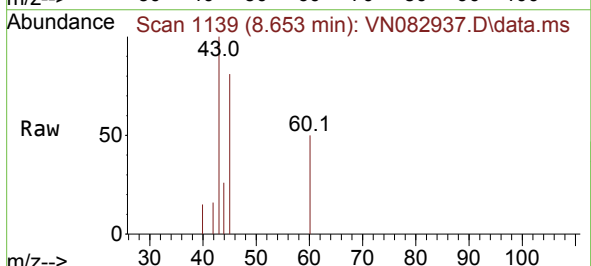
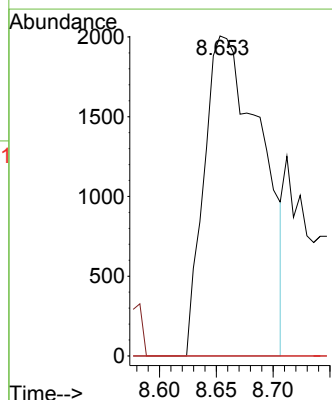
Tgt Ion: 43 Resp: 6994

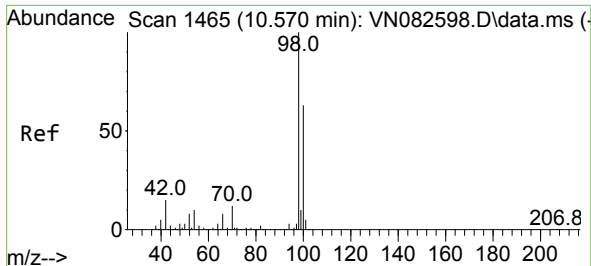
Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#

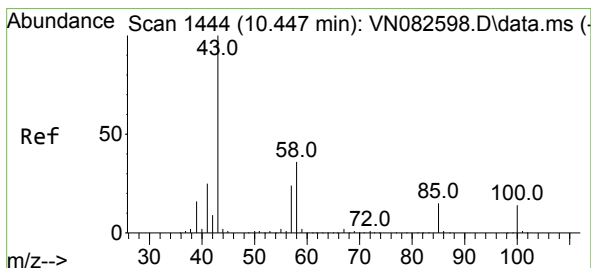
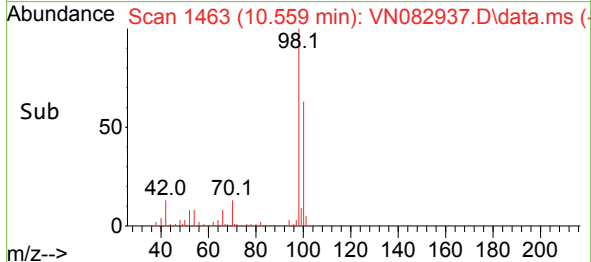
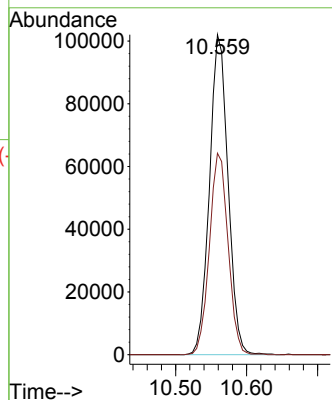
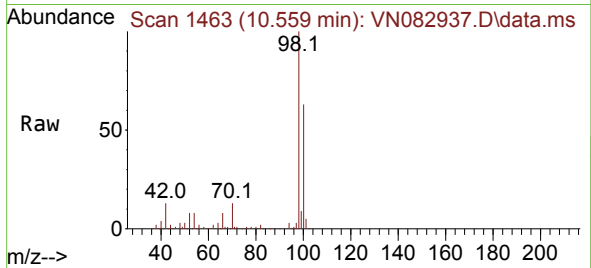




#50
Toluene-d8
Concen: 51.326 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. -0.011 min
Lab File: VN082937.D
Acq: 16 Jul 2024 15:45

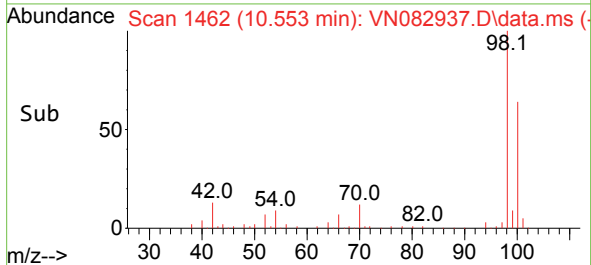
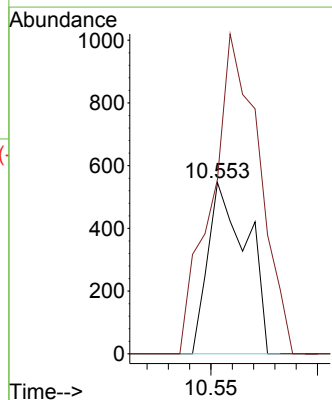
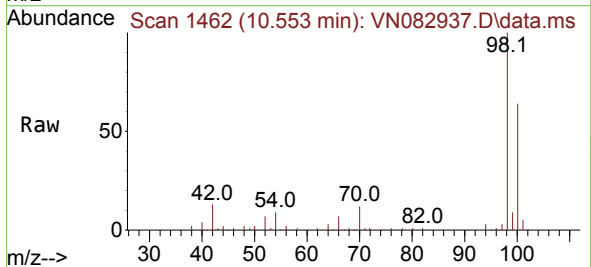
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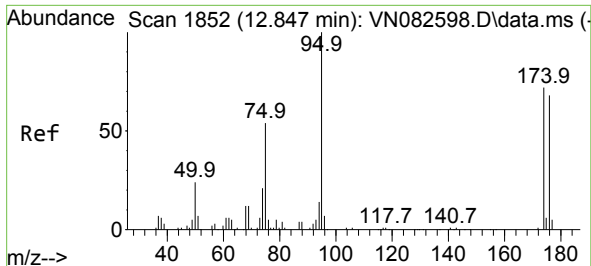
Tgt Ion: 98 Resp: 184916
Ion Ratio Lower Upper
98 100
100 63.3 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.511 ug/l
RT: 10.553 min Scan# 1462
Delta R.T. 0.106 min
Lab File: VN082937.D
Acq: 16 Jul 2024 15:45

Tgt Ion: 43 Resp: 694
Ion Ratio Lower Upper
43 100
58 227.2 28.2 42.4#





#62

4-Bromofluorobenzene

Concen: 46.152 ug/l

RT: 12.847 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082937.D

Acq: 16 Jul 2024 15:45

Instrument :

MSVOA_N

ClientSampleId :

IBLK

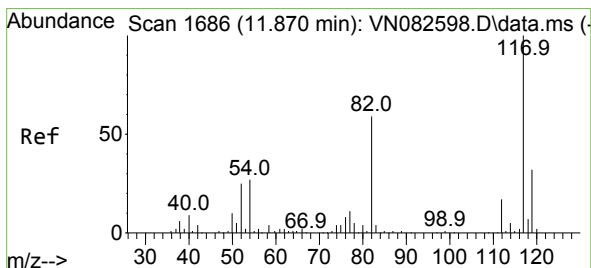
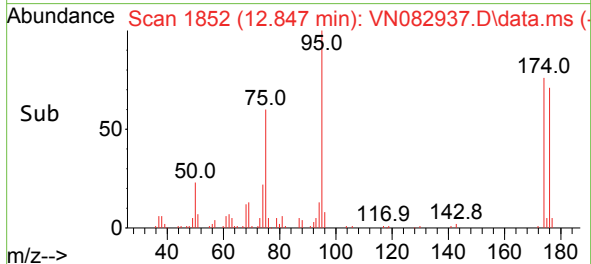
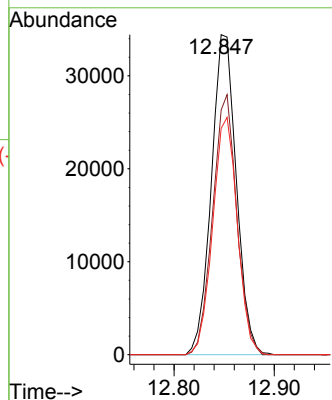
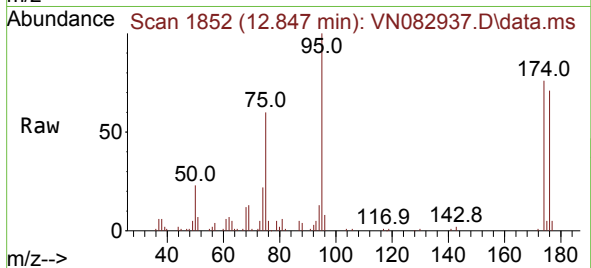
Tgt Ion: 95 Resp: 59728

Ion Ratio Lower Upper

95 100

174 78.4 0.0 159.2

176 72.9 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: VN082937.D

Acq: 16 Jul 2024 15:45

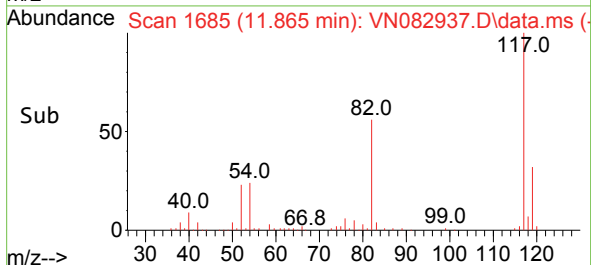
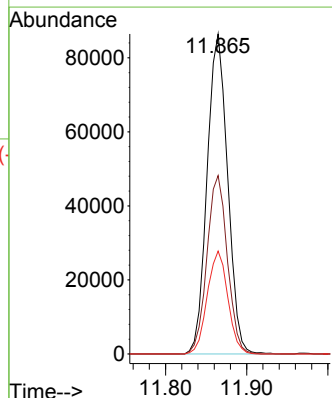
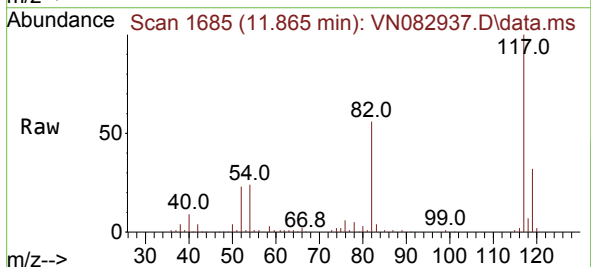
Tgt Ion: 117 Resp: 151685

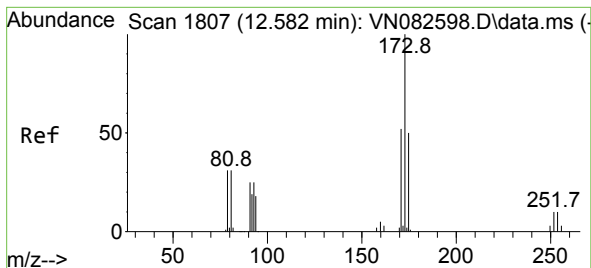
Ion Ratio Lower Upper

117 100

82 55.7 47.5 71.3

119 32.2 25.6 38.4





#71

Bromoform

Concen: 0.239 ug/l

RT: 12.841 min Scan# 1807

Delta R.T. 0.259 min

Lab File: VN082937.D

Acq: 16 Jul 2024 15:45

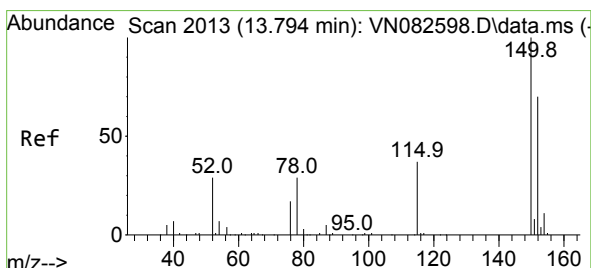
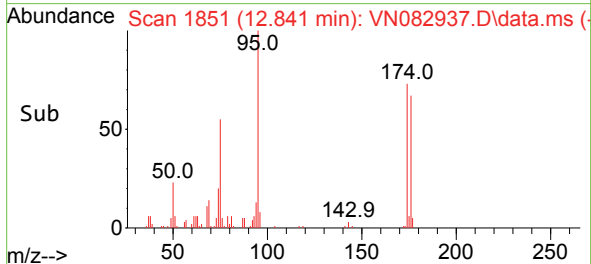
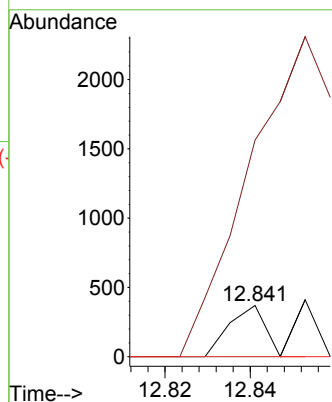
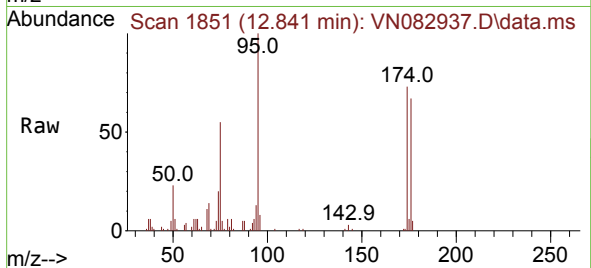
Instrument :

MSVOA_N

ClientSampleId :

IBLK

Tgt Ion:	173	Resp:	217
Ion Ratio	Lower	Upper	
173	100		
175	1445.6	24.0	72.0#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

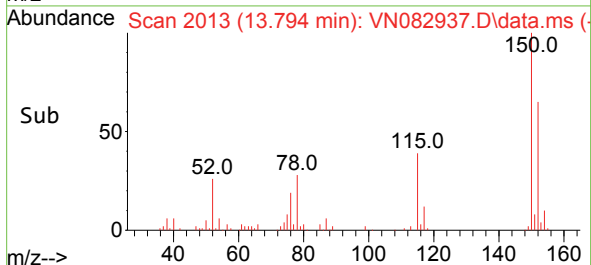
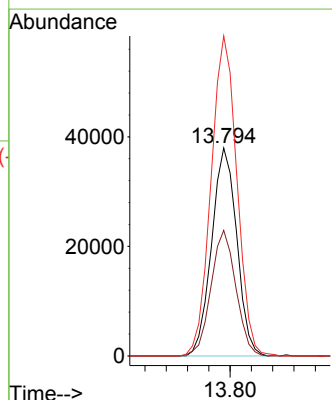
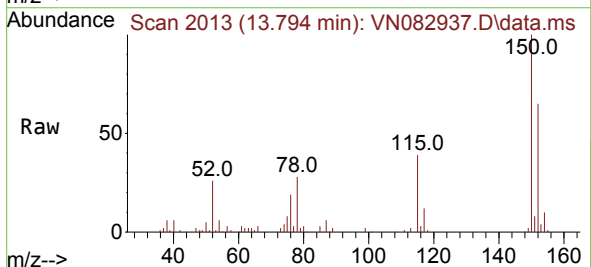
RT: 13.794 min Scan# 2013

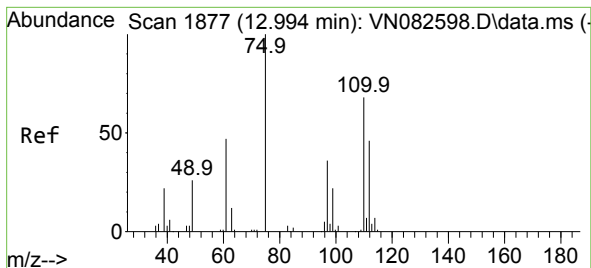
Delta R.T. 0.000 min

Lab File: VN082937.D

Acq: 16 Jul 2024 15:45

Tgt Ion:	152	Resp:	62159
Ion Ratio	Lower	Upper	
152	100		
115	59.8	30.6	91.6
150	158.1	0.0	348.6





#76

1,2,3-Trichloropropane

Concen: 31.583 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN082937.D

Acq: 16 Jul 2024 15:45

Instrument :

MSVOA_N

ClientSampleId :

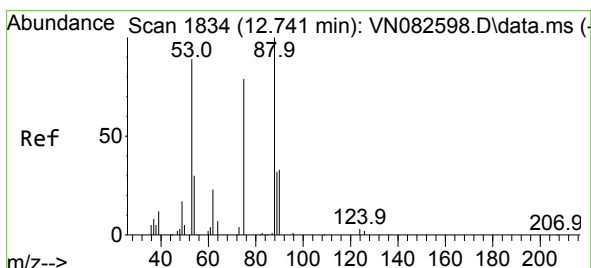
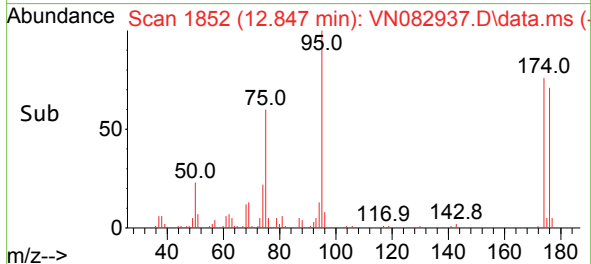
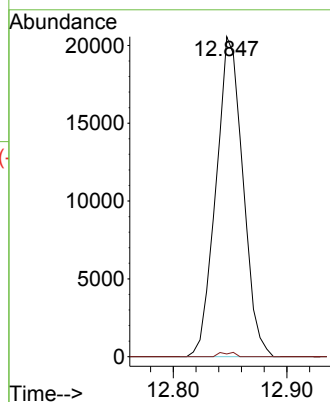
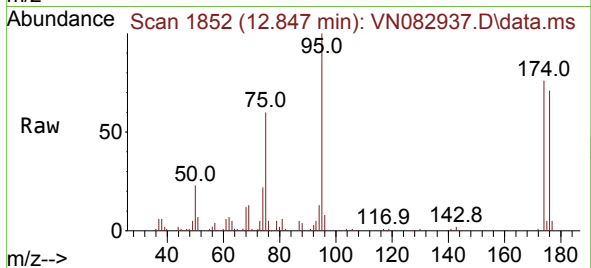
IBLK

Tgt Ion: 75 Resp: 33846

Ion Ratio Lower Upper

75 100

77 0.7 110.9 332.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 62.114 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.106 min

Lab File: VN082937.D

Acq: 16 Jul 2024 15:45

Tgt Ion: 75 Resp: 33846

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

89 0.0 36.3 54.5#

