

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060524\
 Data File : VN082461.D
 Acq On : 05 Jun 2024 11:14
 Operator : JC\MD
 Sample : VN0605WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 06 00:52:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

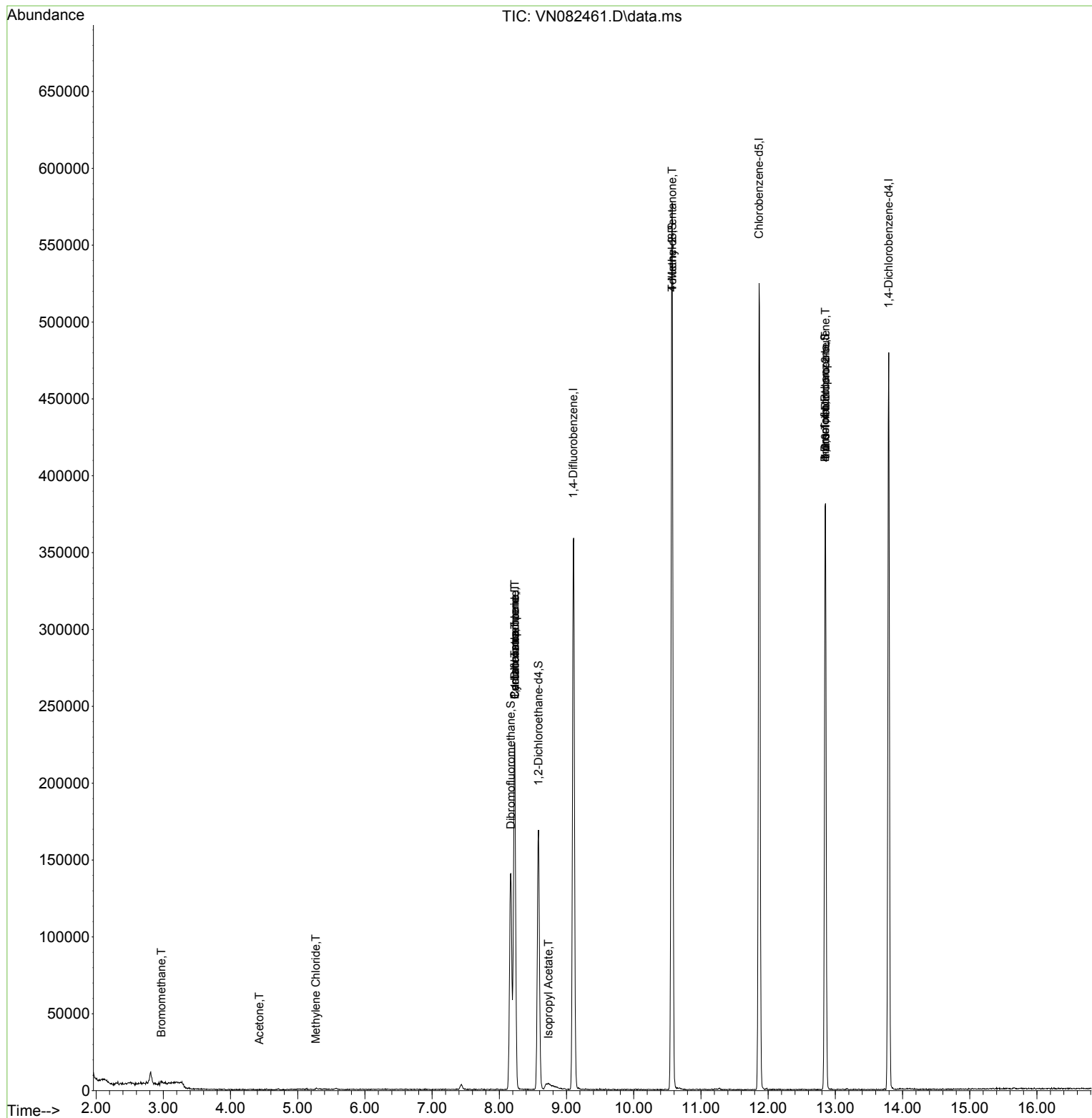
Internal Standards						
1) Pentafluorobenzene	8.230	168	157039	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	288593	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	279042	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	118887	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	137972	55.641	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 111.280%	
35) Dibromofluoromethane	8.171	113	99992	56.324	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 112.640%	
50) Toluene-d8	10.571	98	372625	54.747	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.500%	
62) 4-Bromofluorobenzene	12.847	95	122797	50.547	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 101.100%	
Target Compounds						Qvalue
5) Bromomethane	2.971	94	730	0.526	ug/l #	66
16) Acetone	4.430	43	230	0.226	ug/l #	43
20) Methylene Chloride	5.271	84	419	0.204	ug/l #	58
31) Cyclohexane	8.230	56	4269	1.078	ug/l #	32
36) 1,1-Dichloropropene	8.230	75	14568	4.893	ug/l #	48
38) Carbon Tetrachloride	8.230	117	17070	5.656	ug/l #	15
43) Isopropyl Acetate	8.730	43	6821	1.155	ug/l #	52
51) 4-Methyl-2-Pentanone	10.571	43	2336	0.696	ug/l #	1
71) Bromoform	12.847	173	1190	1.428	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	72778	29.085	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	72778	68.028	ug/l #	12

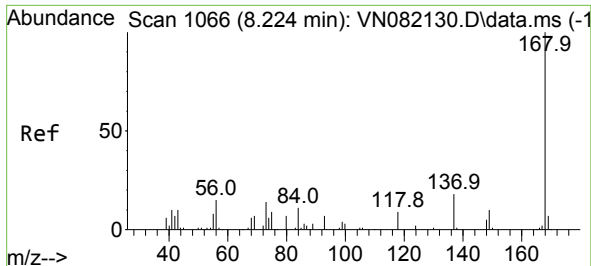
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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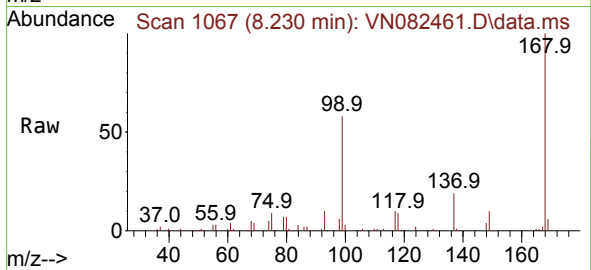
Quant Time: Jun 06 00:52:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration



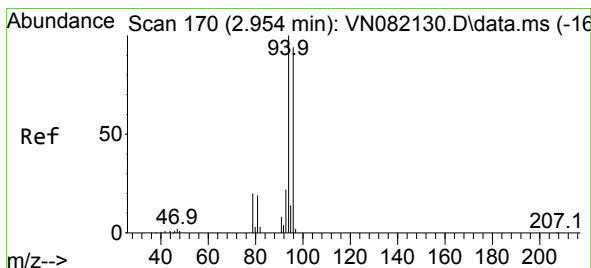
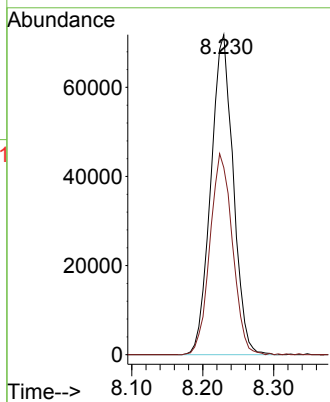
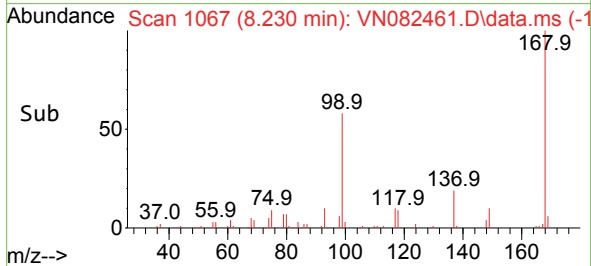


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN082461.D
Acq: 05 Jun 2024 11:14

Instrument :
MSVOA_N
ClientSampleId :

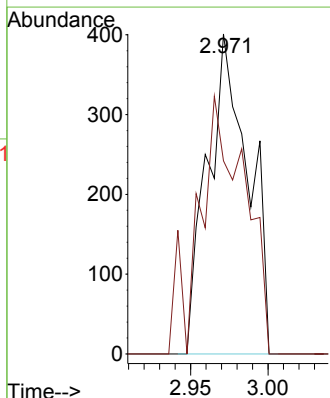
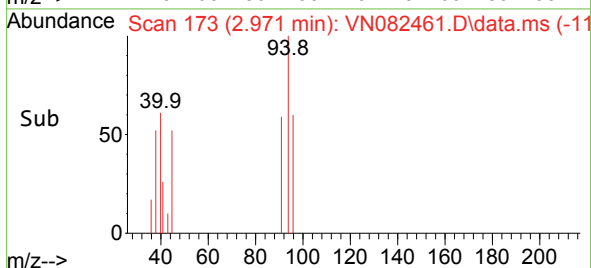
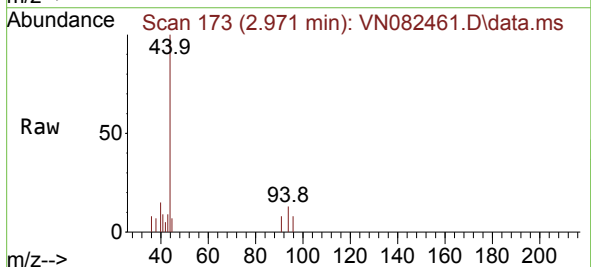


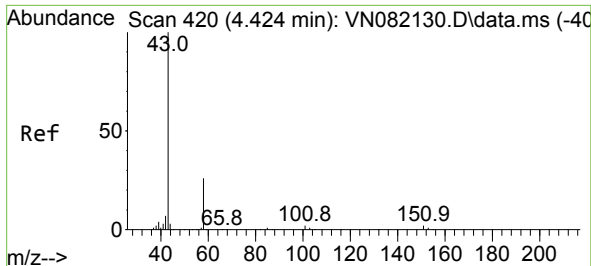
Tgt Ion:168 Resp: 157039
Ion Ratio Lower Upper
168 100
99 58.4 48.2 72.4



#5
Bromomethane
Concen: 0.526 ug/l
RT: 2.971 min Scan# 173
Delta R.T. 0.018 min
Lab File: VN082461.D
Acq: 05 Jun 2024 11:14

Tgt Ion: 94 Resp: 730
Ion Ratio Lower Upper
94 100
96 60.3 74.8 112.2#

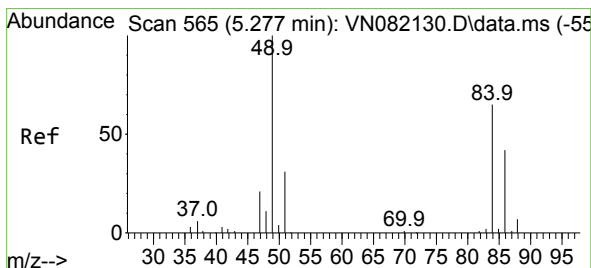
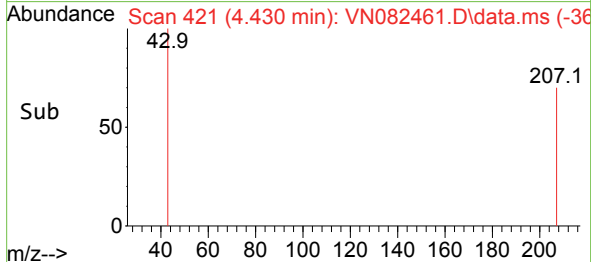
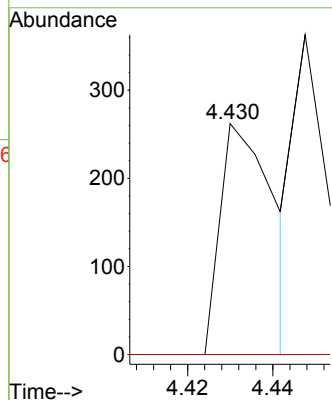
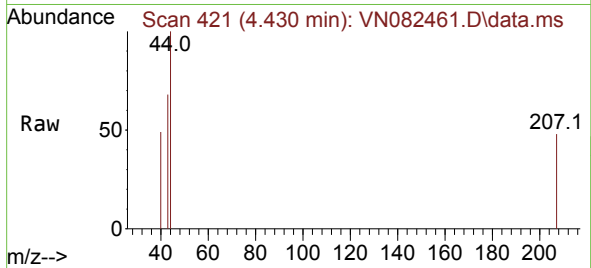




#16
Acetone
Concen: 0.226 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN082461.D
Acq: 05 Jun 2024 11:14

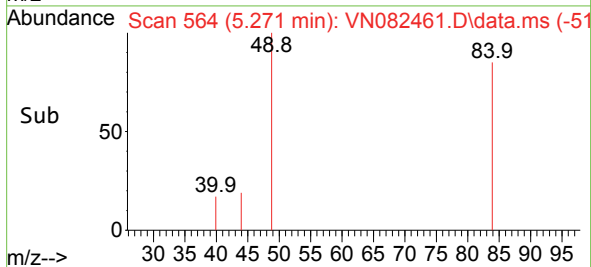
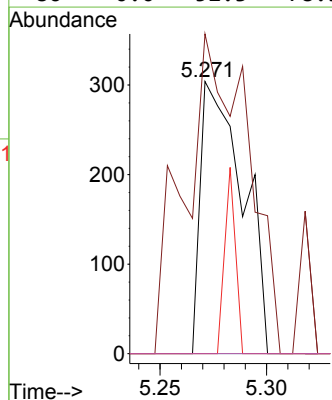
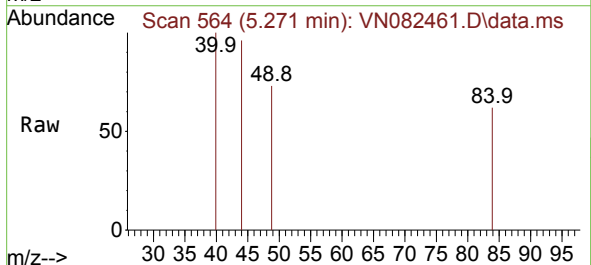
Instrument :
MSVOA_N
ClientSampleId :

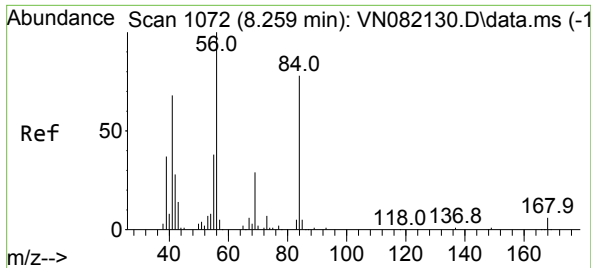
Tgt Ion: 43 Resp: 230
Ion Ratio Lower Upper
43 100
58 0.0 25.2 37.8#



#20
Methylene Chloride
Concen: 0.204 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN082461.D
Acq: 05 Jun 2024 11:14

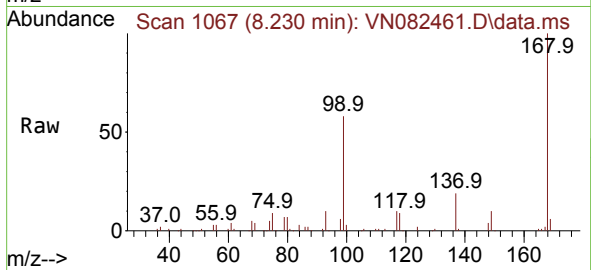
Tgt Ion: 84 Resp: 419
Ion Ratio Lower Upper
84 100
49 117.4 84.9 127.3
51 0.0 27.0 40.6#
86 0.0 52.3 78.5#



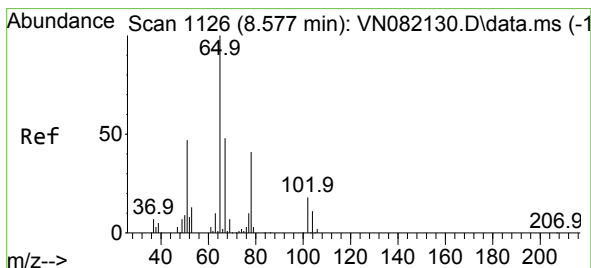
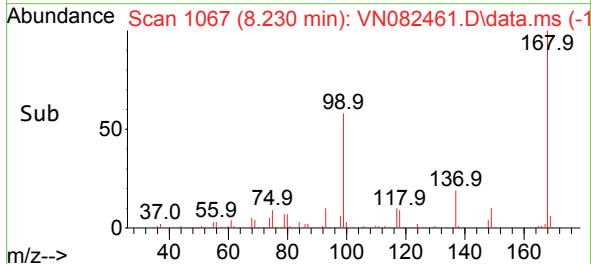
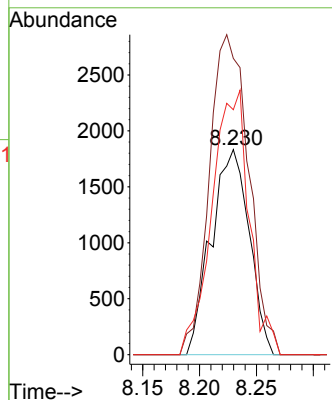


#31
Cyclohexane
Concen: 1.078 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN082461.D
Acq: 05 Jun 2024 11:14

Instrument :
MSVOA_N
ClientSampleId :

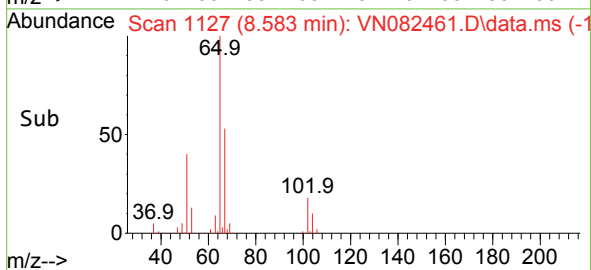
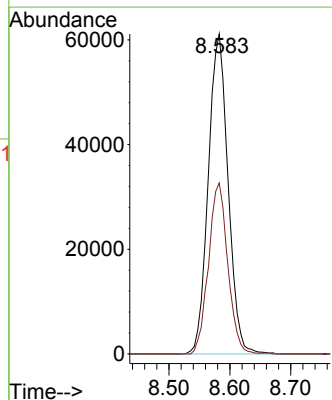
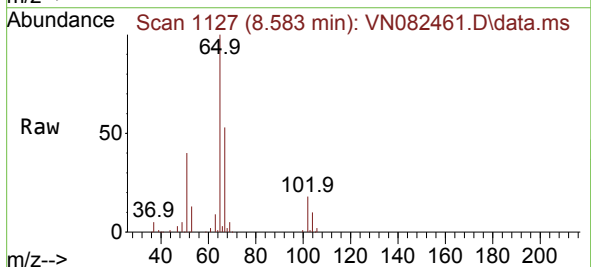


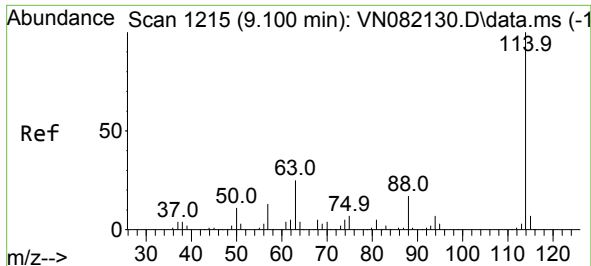
Tgt Ion: 56 Resp: 4269
Ion Ratio Lower Upper
56 100
69 144.5 24.4 36.6#
84 119.4 77.0 115.4#



#33
1,2-Dichloroethane-d4
Concen: 55.641 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082461.D
Acq: 05 Jun 2024 11:14

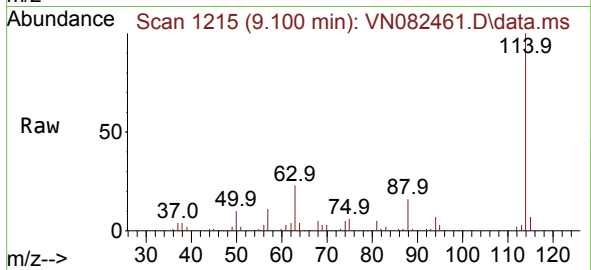
Tgt Ion: 65 Resp: 137972
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.0



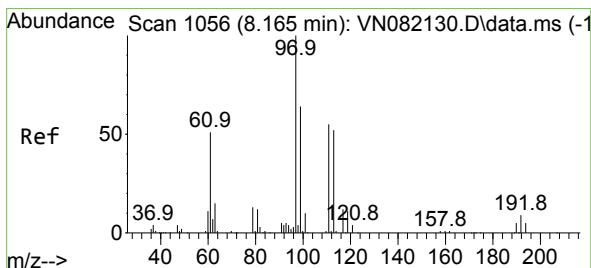
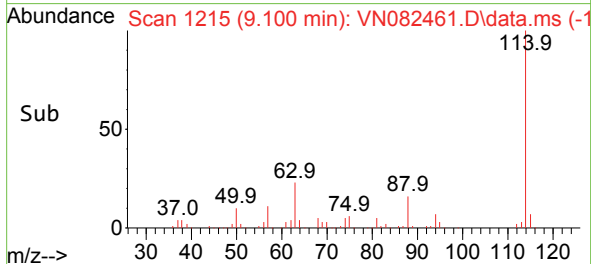
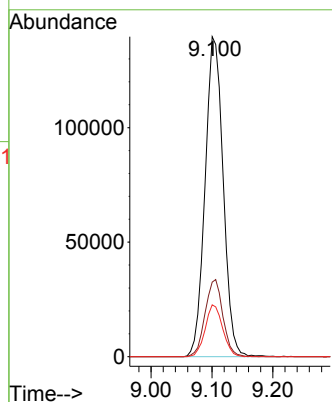


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082461.D
Acq: 05 Jun 2024 11:14

Instrument :
MSVOA_N
ClientSampleId :

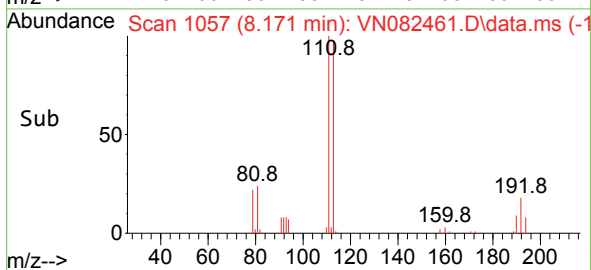
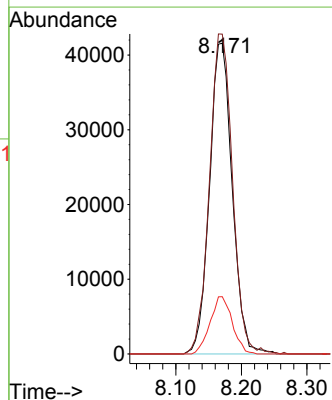
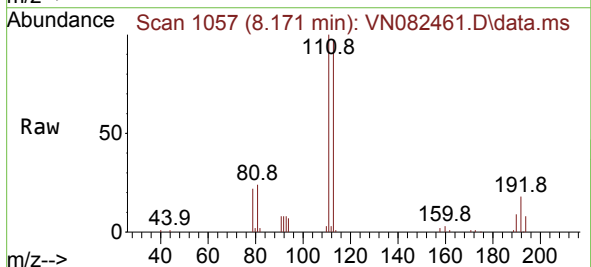


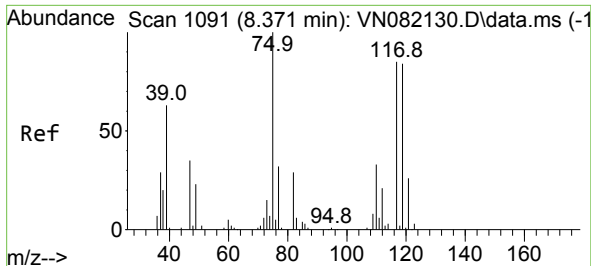
Tgt Ion:114 Resp: 288593
Ion Ratio Lower Upper
114 100
63 23.3 0.0 41.0
88 16.2 0.0 31.4



#35
Dibromofluoromethane
Concen: 56.324 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082461.D
Acq: 05 Jun 2024 11:14

Tgt Ion:113 Resp: 99992
Ion Ratio Lower Upper
113 100
111 104.5 83.4 125.2
192 18.0 14.0 21.0





#36

1,1-Dichloropropene

Concen: 4.893 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

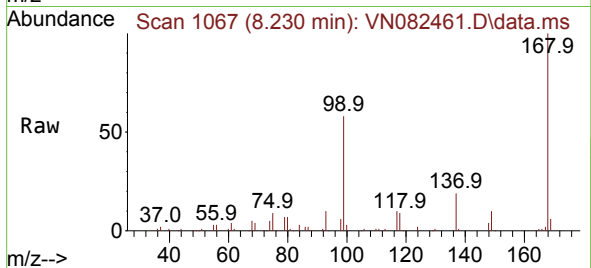
Lab File: VN082461.D

Acq: 05 Jun 2024 11:14

Instrument :

MSVOA_N

ClientSampleId :



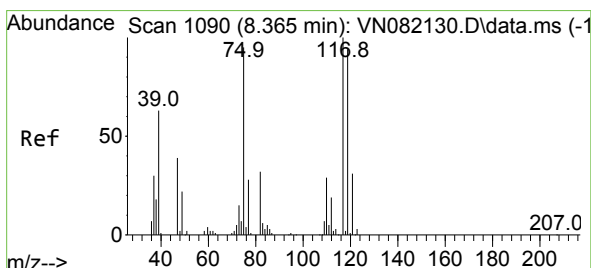
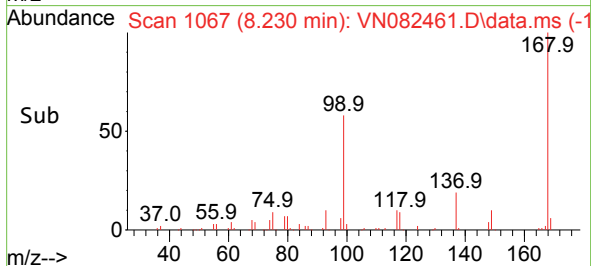
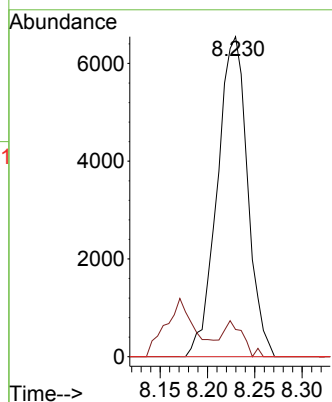
Tgt Ion: 75 Resp: 14568

Ion Ratio Lower Upper

75 100

110 7.7 17.8 53.5#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.656 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN082461.D

Acq: 05 Jun 2024 11:14

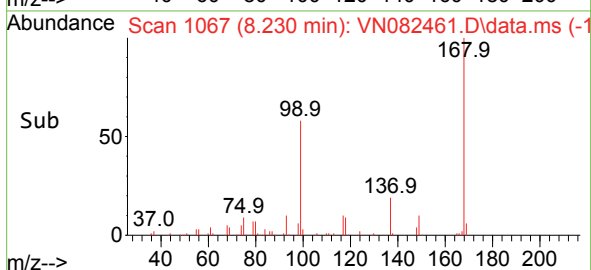
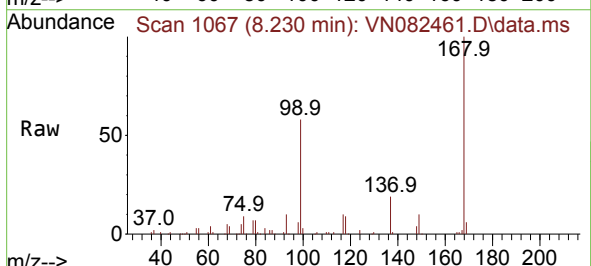
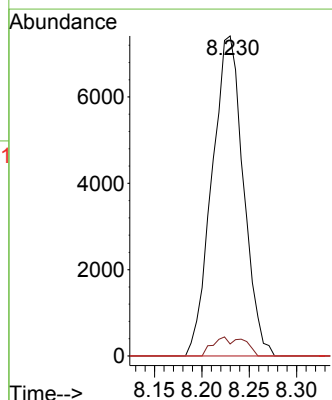
Tgt Ion: 117 Resp: 17070

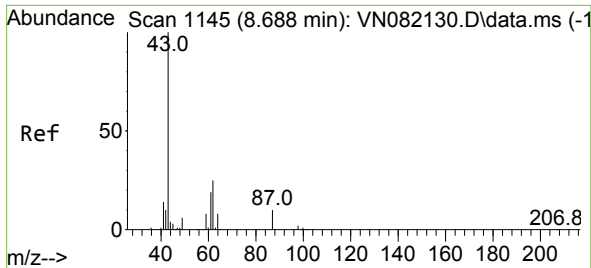
Ion Ratio Lower Upper

117 100

119 3.7 76.5 114.7#

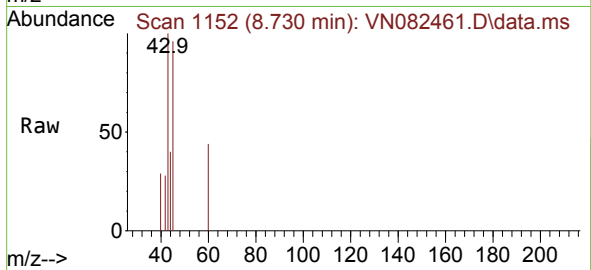
121 0.0 23.9 35.9#



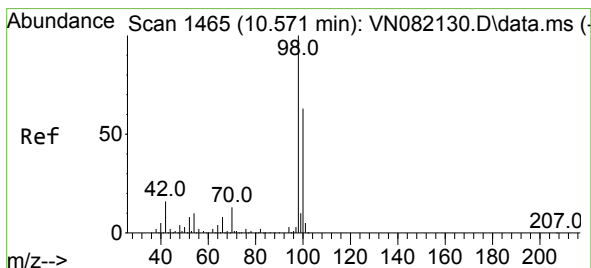
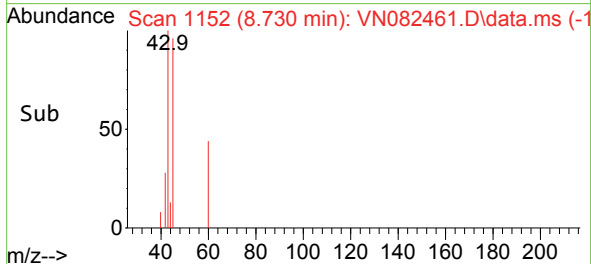
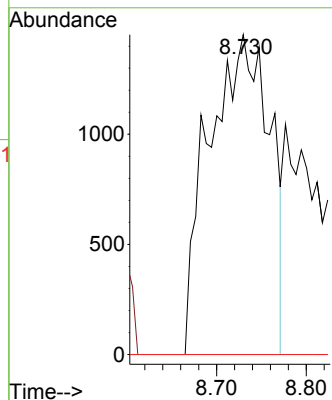


#43
Isopropyl Acetate
Concen: 1.155 ug/l
RT: 8.730 min Scan# 1145
Delta R.T. 0.041 min
Lab File: VN082461.D
Acq: 05 Jun 2024 11:14

Instrument :
MSVOA_N
ClientSampleId :

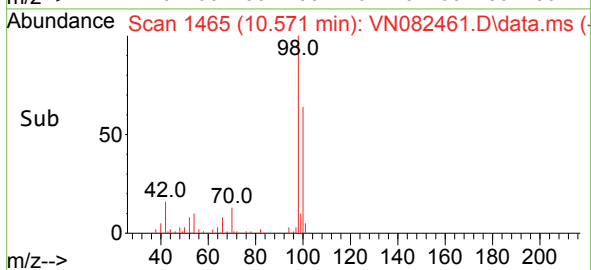
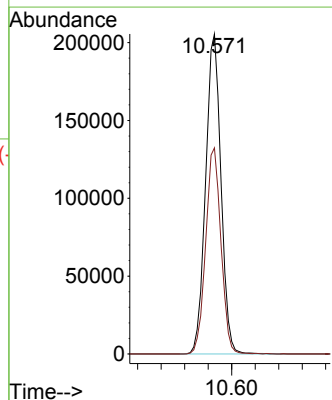
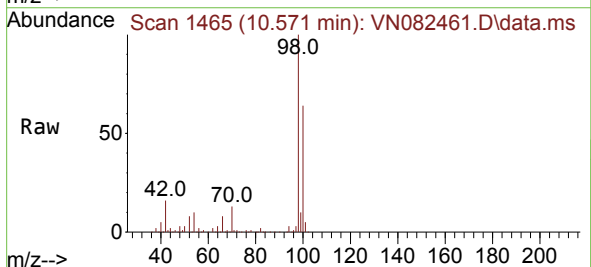


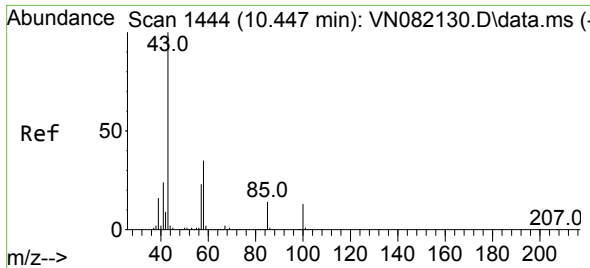
Tgt Ion: 43 Resp: 6821
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 54.747 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082461.D
Acq: 05 Jun 2024 11:14

Tgt Ion: 98 Resp: 372625
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6

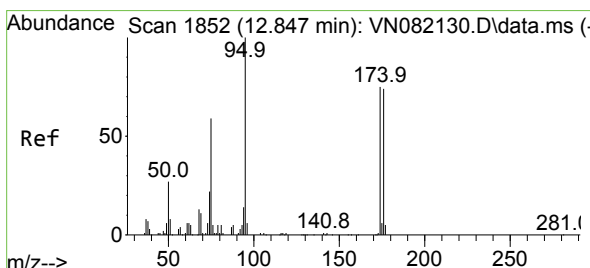
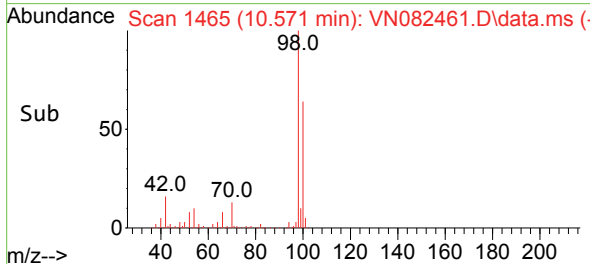
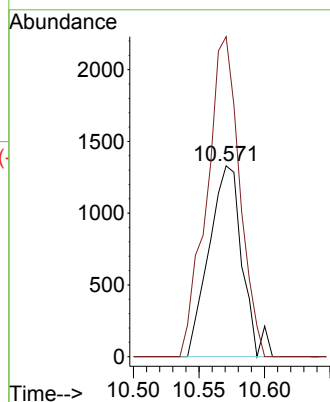
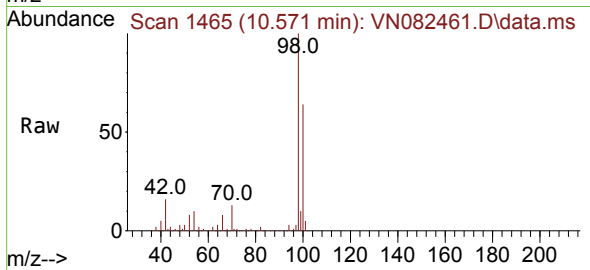




#51
4-Methyl-2-Pentanone
Concen: 0.696 ug/l
RT: 10.571 min Scan# 1444
Delta R.T. 0.124 min
Lab File: VN082461.D
Acq: 05 Jun 2024 11:14

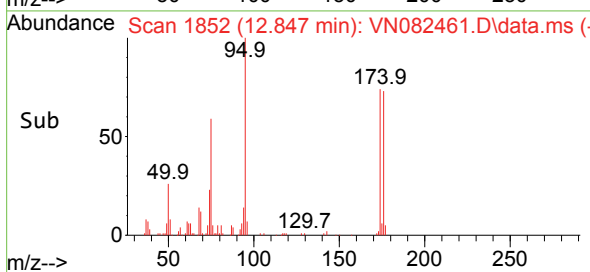
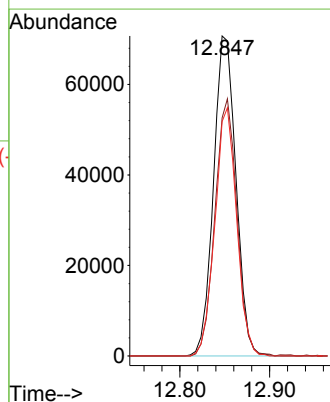
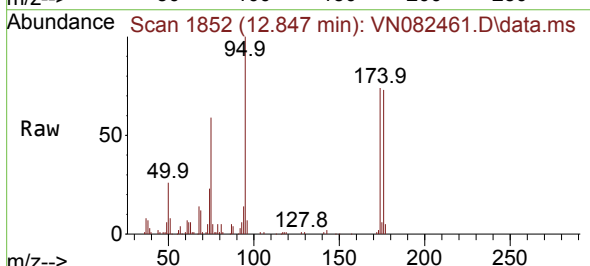
Instrument :
MSVOA_N
ClientSampleId :

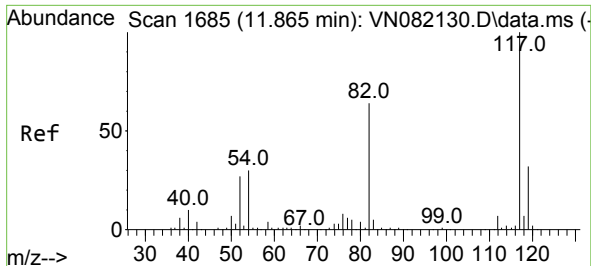
Tgt Ion: 43 Resp: 2336
Ion Ratio Lower Upper
43 100
58 166.2 33.2 49.8#



#62
4-Bromofluorobenzene
Concen: 50.547 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082461.D
Acq: 05 Jun 2024 11:14

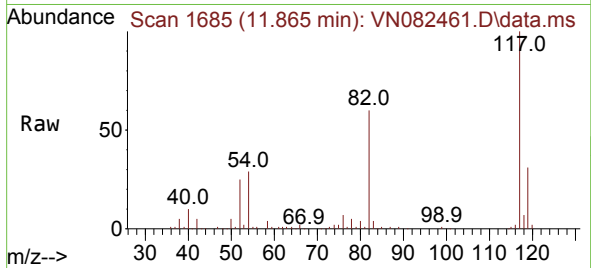
Tgt Ion: 95 Resp: 122797
Ion Ratio Lower Upper
95 100
174 78.6 0.0 160.6
176 75.2 0.0 152.8



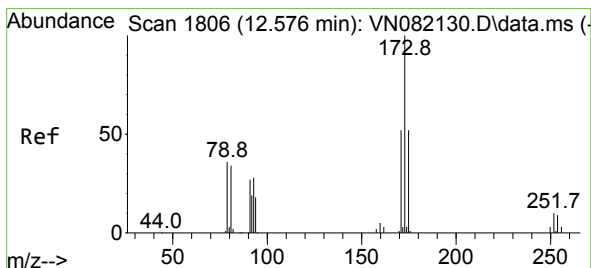
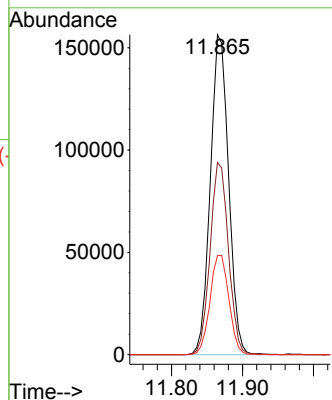
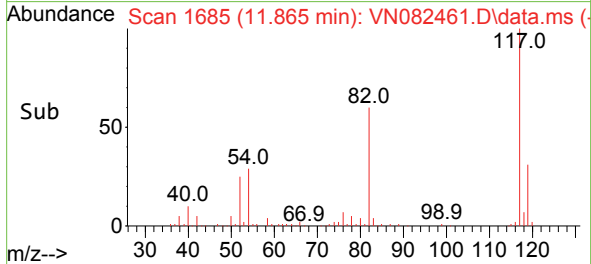


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN082461.D
Acq: 05 Jun 2024 11:14

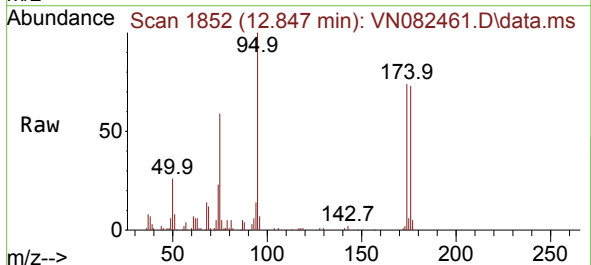
Instrument :
MSVOA_N
ClientSampleId :



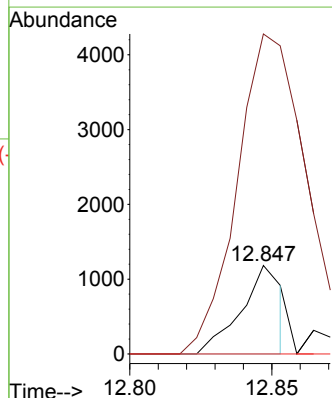
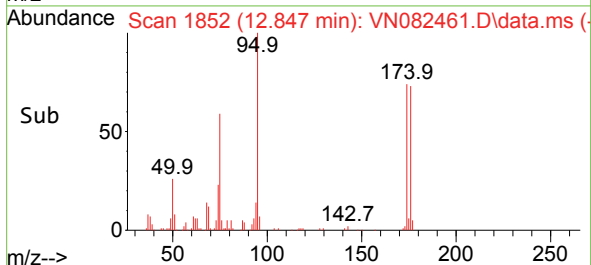
Tgt Ion:117 Resp: 279042
Ion Ratio Lower Upper
117 100
82 60.1 44.6 66.8
119 30.9 25.9 38.9

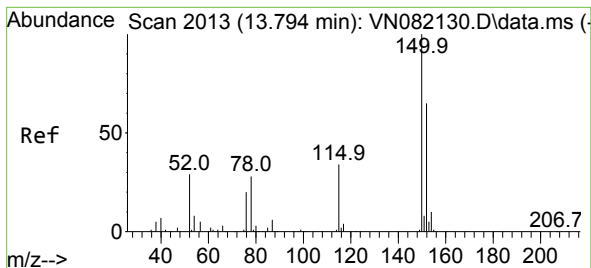


#71
Bromoform
Concen: 1.428 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN082461.D
Acq: 05 Jun 2024 11:14



Tgt Ion:173 Resp: 1190
Ion Ratio Lower Upper
173 100
175 421.2 24.6 74.0#
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: VN082461.D

Acq: 05 Jun 2024 11:14

Instrument :

MSVOA_N

ClientSampleId :

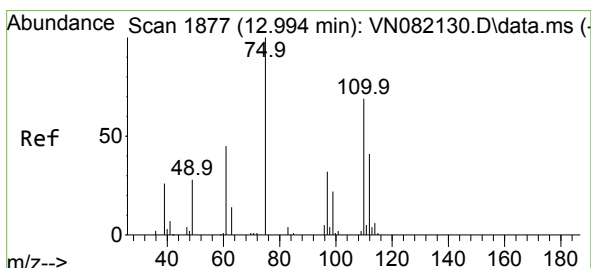
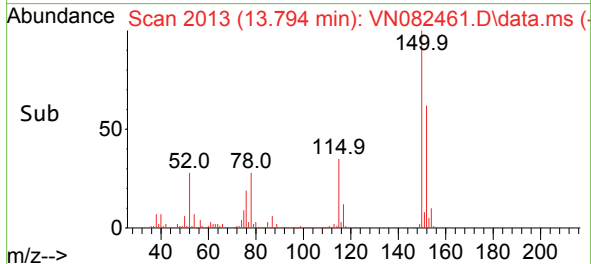
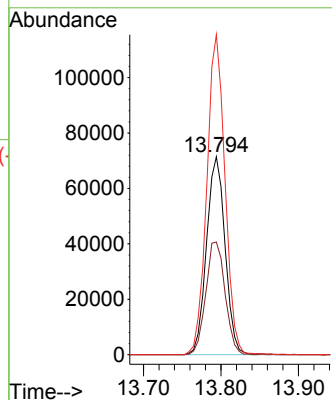
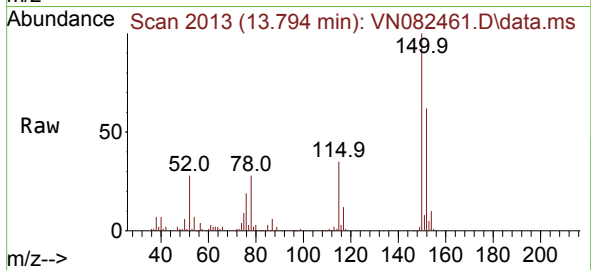
Tgt Ion:152 Resp: 118887

Ion Ratio Lower Upper

152 100

115 59.2 30.4 91.3

150 157.8 0.0 353.2



#76

1,2,3-Trichloropropane

Concen: 29.085 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082461.D

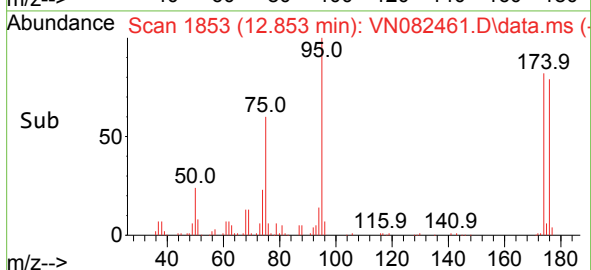
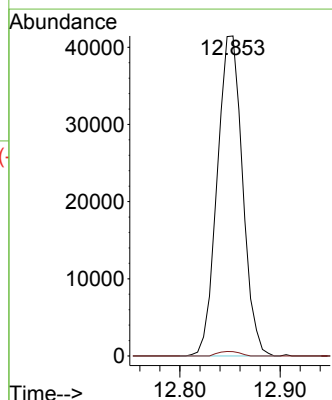
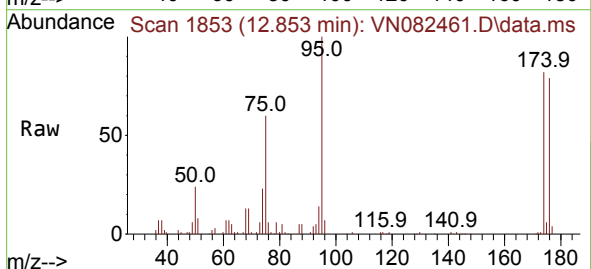
Acq: 05 Jun 2024 11:14

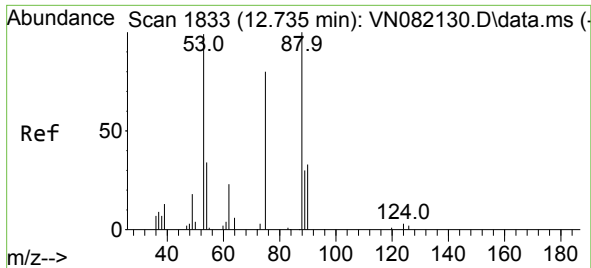
Tgt Ion: 75 Resp: 72778

Ion Ratio Lower Upper

75 100

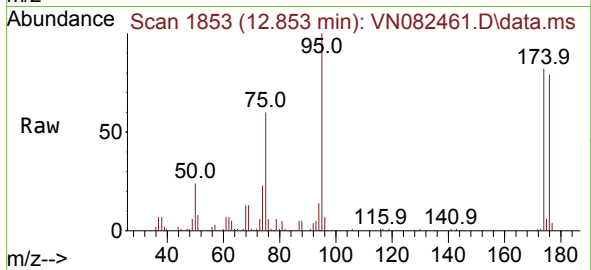
77 1.2 90.5 271.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.028 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN082461.D
 Acq: 05 Jun 2024 11:14

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 72778
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.9 109.3#
 89 0.0 39.1 58.7#

