

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061424\
 Data File : VN082575.D
 Acq On : 14 Jun 2024 12:00
 Operator : JC\MD
 Sample : VN0614WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0614WBL01

Quant Time: Jun 14 23:43:34 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)

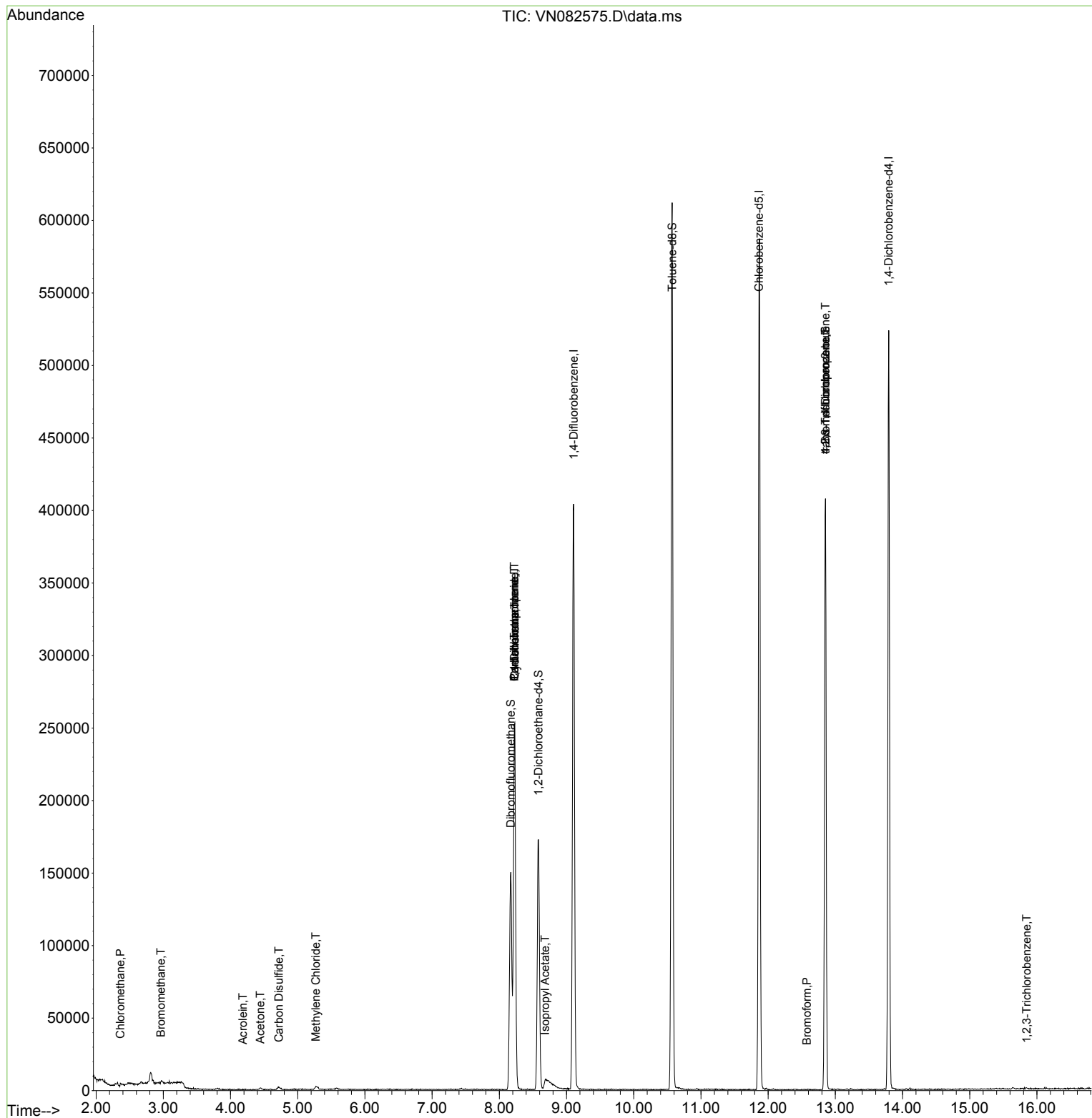
Internal Standards						
1) Pentafluorobenzene	8.224	168	177912	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	327165	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	313606	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	127995	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	146272	52.067	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 104.140%		
35) Dibromofluoromethane	8.171	113	106929	53.131	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 106.260%		
50) Toluene-d8	10.571	98	398627	51.662	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 103.320%		
62) 4-Bromofluorobenzene	12.853	95	131356	47.696	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery	= 95.400%		
Target Compounds						
						Qvalue
3) Chloromethane	2.359	50	875	0.301	ug/l	95
5) Bromomethane	2.965	94	1156	0.736	ug/l	95
13) Acrolein	4.183	56	73	0.218	ug/l	92
16) Acetone	4.442	43	2362	2.050	ug/l	93
17) Carbon Disulfide	4.718	76	1937	0.309	ug/l #	74
20) Methylene Chloride	5.271	84	945	0.406	ug/l #	78
31) Cyclohexane	8.230	56	5136	1.145	ug/l #	34
36) 1,1-Dichloropropene	8.224	75	16496	4.887	ug/l #	49
38) Carbon Tetrachloride	8.224	117	19612	5.732	ug/l #	16
43) Isopropyl Acetate	8.683	43	4924	0.736	ug/l #	52
71) Bromoform	12.576	173	59	0.733	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	77433	28.743	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	77433	67.228	ug/l #	12
96) 1,2,3-Trichlorobenzene	15.847	180	497	0.213	ug/l #	59

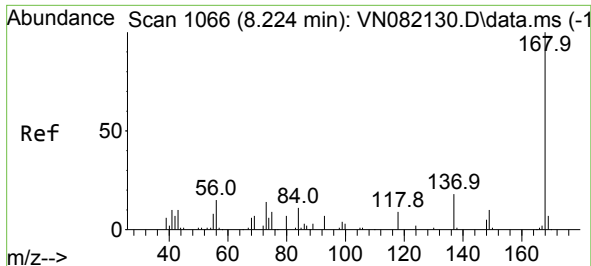
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
VN0614WBL01

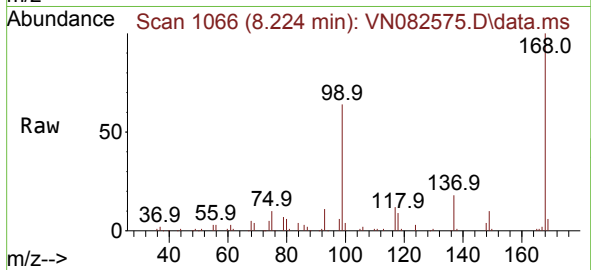
Quant Time: Jun 14 23:43:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
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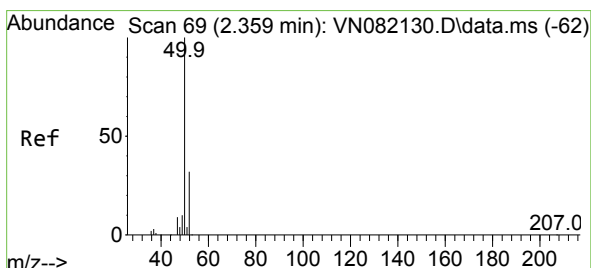
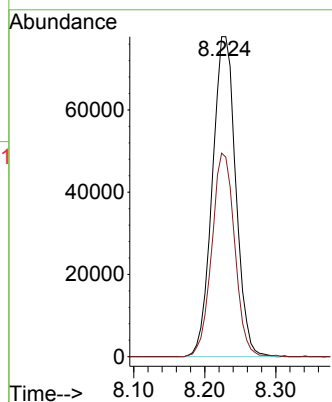
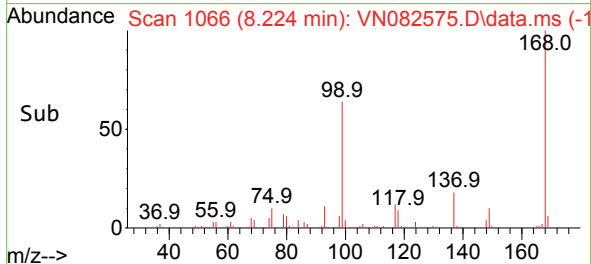


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082575.D
Acq: 14 Jun 2024 12:00

Instrument :
MSVOA_N
ClientSampleId :
VN0614WBL01

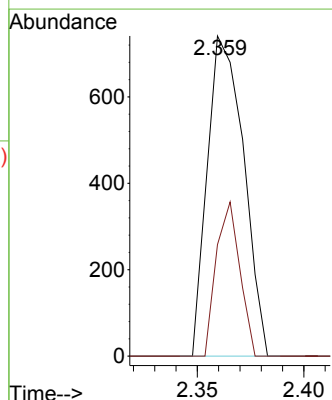
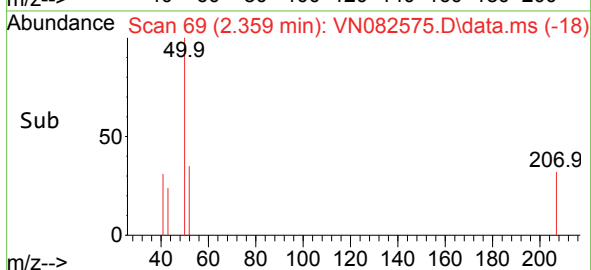
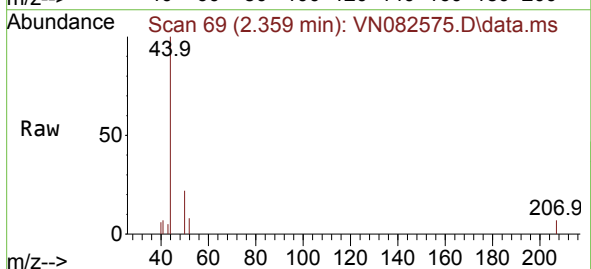


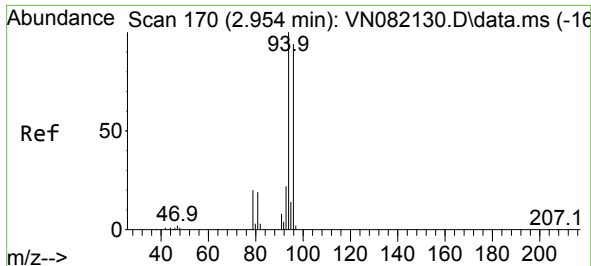
Tgt Ion:168 Resp: 177912
Ion Ratio Lower Upper
168 100
99 63.6 48.2 72.4



#3
Chloromethane
Concen: 0.301 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082575.D
Acq: 14 Jun 2024 12:00

Tgt Ion: 50 Resp: 875
Ion Ratio Lower Upper
50 100
52 34.8 25.5 38.3

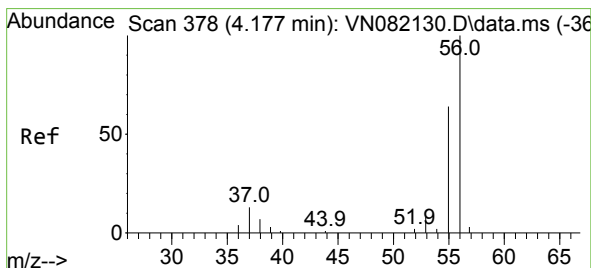
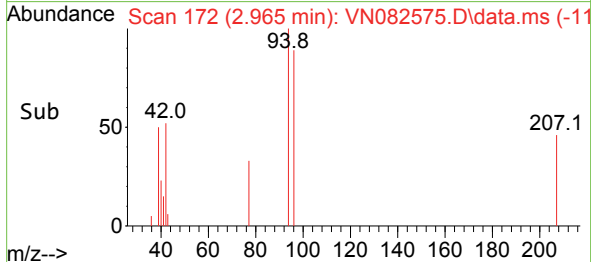
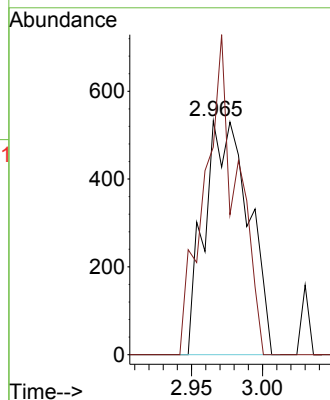
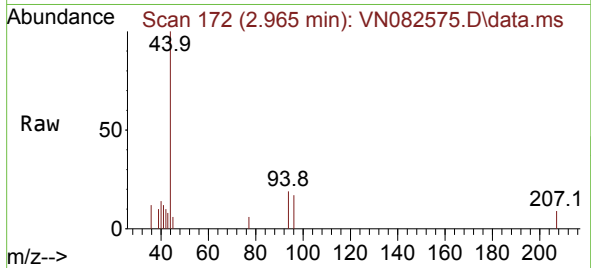




#5
Bromomethane
Concen: 0.736 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN082575.D
Acq: 14 Jun 2024 12:00

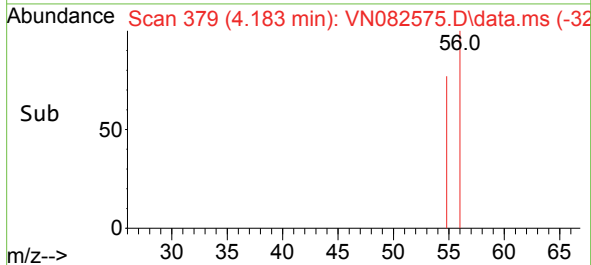
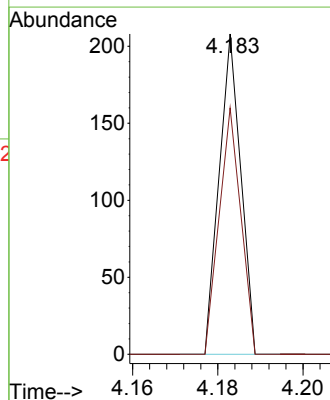
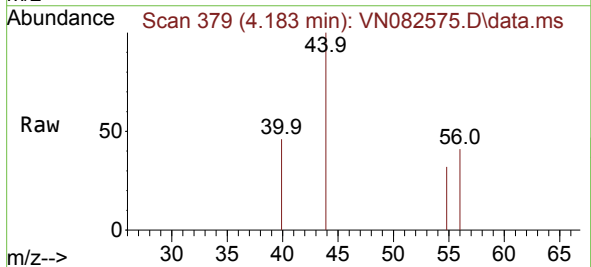
Instrument :
MSVOA_N
ClientSampleId :
VN0614WBL01

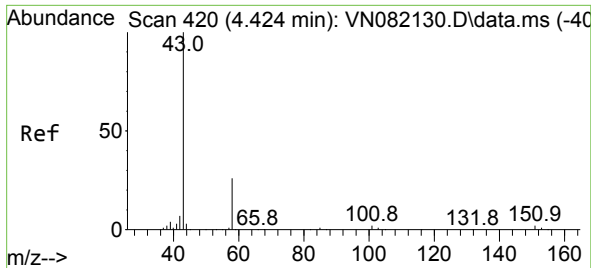
Tgt Ion: 94 Resp: 1156
Ion Ratio Lower Upper
94 100
96 88.7 74.8 112.2



#13
Acrolein
Concen: 0.218 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN082575.D
Acq: 14 Jun 2024 12:00

Tgt Ion: 56 Resp: 73
Ion Ratio Lower Upper
56 100
55 76.7 55.8 83.8

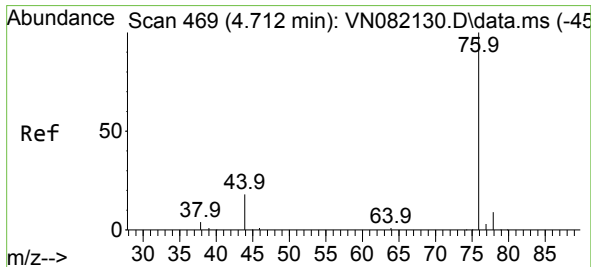
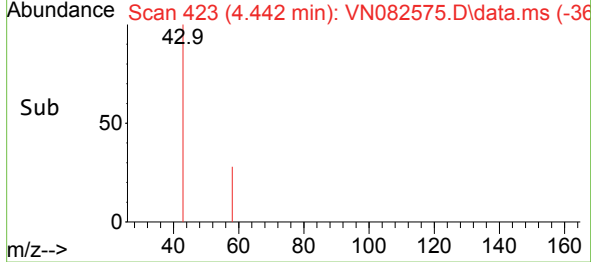
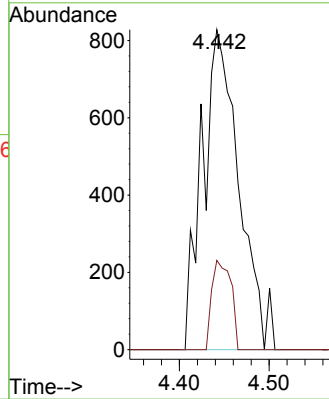
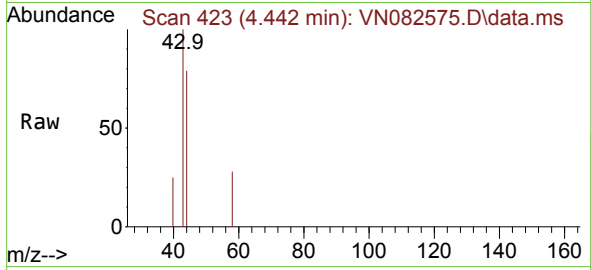




#16
Acetone
Concen: 2.050 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN082575.D
Acq: 14 Jun 2024 12:00

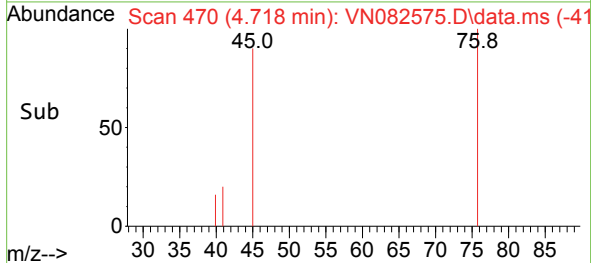
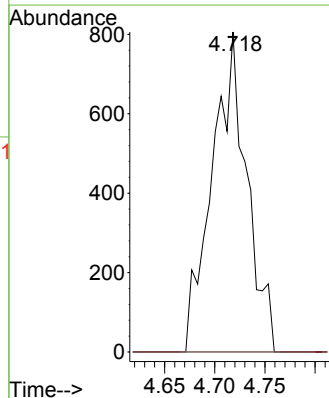
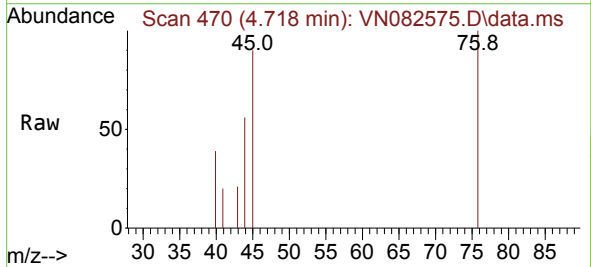
Instrument :
MSVOA_N
ClientSampleId :
VN0614WBL01

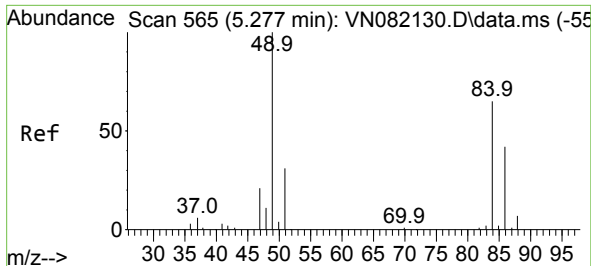
Tgt Ion: 43 Resp: 2362
Ion Ratio Lower Upper
43 100
58 27.9 25.2 37.8



#17
Carbon Disulfide
Concen: 0.309 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.006 min
Lab File: VN082575.D
Acq: 14 Jun 2024 12:00

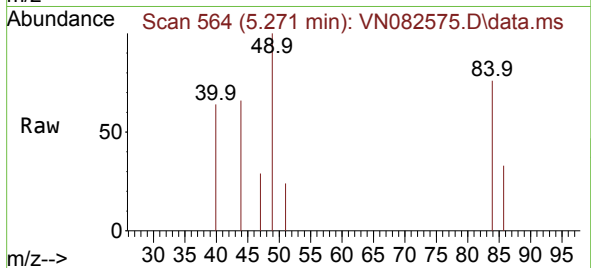
Tgt Ion: 76 Resp: 1937
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#





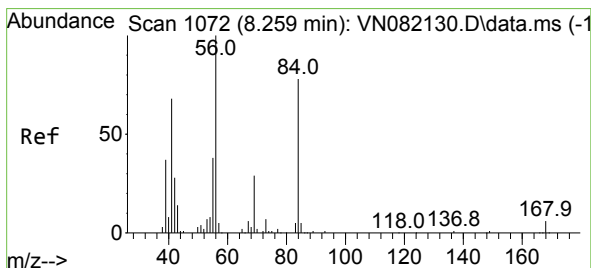
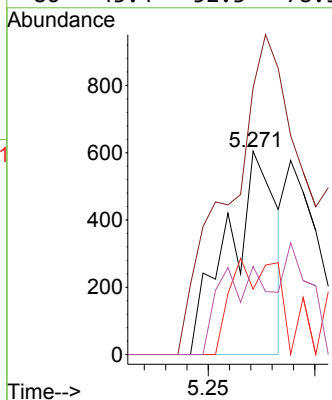
#20
Methylene Chloride
Concen: 0.406 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN082575.D
Acq: 14 Jun 2024 12:00

Instrument :
MSVOA_N
ClientSampleId :
VN0614WBL01



Tgt Ion: 84 Resp: 945

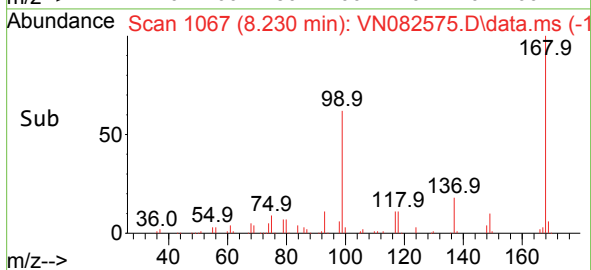
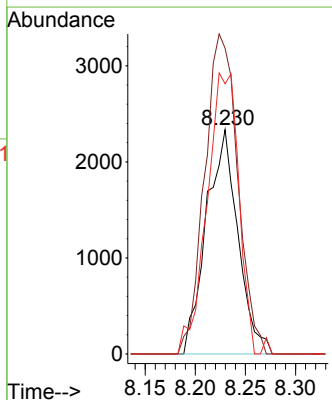
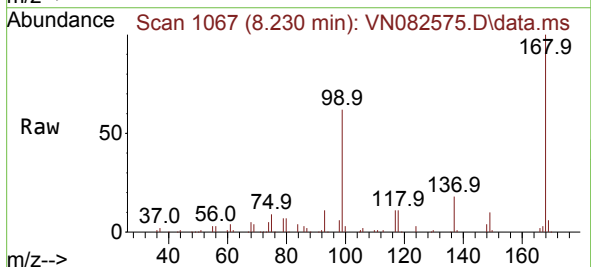
Ion	Ratio	Lower	Upper
84	100		
49	131.3	84.9	127.3#
51	32.1	27.0	40.6
86	43.4	52.3	78.5#



#31
Cyclohexane
Concen: 1.145 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN082575.D
Acq: 14 Jun 2024 12:00

Tgt Ion: 56 Resp: 5136

Ion	Ratio	Lower	Upper
56	100		
69	136.3	24.4	36.6#
84	120.5	77.0	115.4#





#33

1,2-Dichloroethane-d4

Concen: 52.067 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082575.D

Acq: 14 Jun 2024 12:00

Instrument :

MSVOA_N

ClientSampleId :

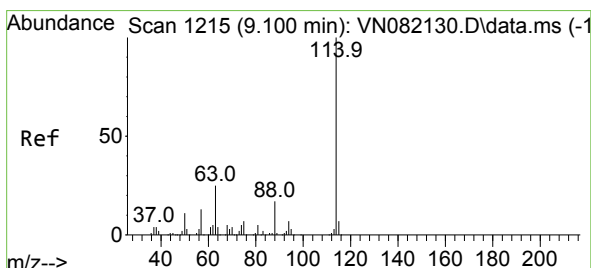
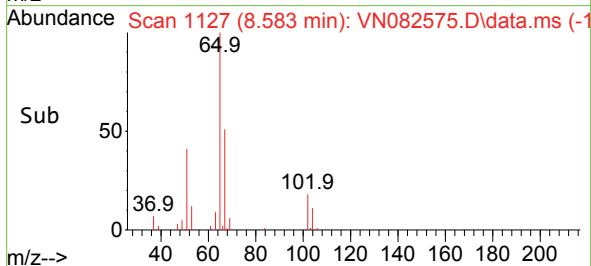
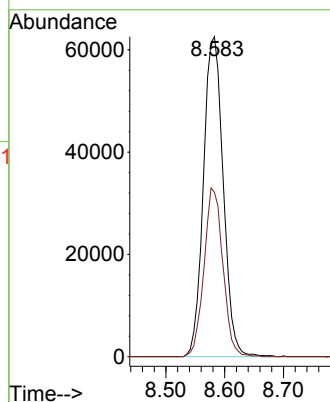
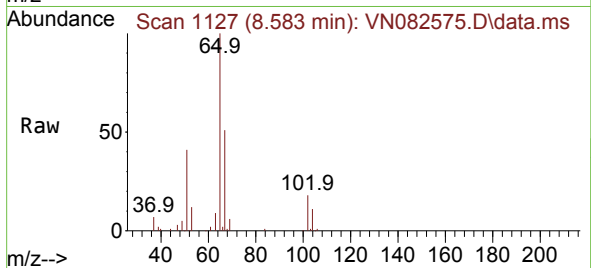
VN0614WBL01

Tgt Ion: 65 Resp: 146272

Ion Ratio Lower Upper

65 100

67 50.3 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN082575.D

Acq: 14 Jun 2024 12:00

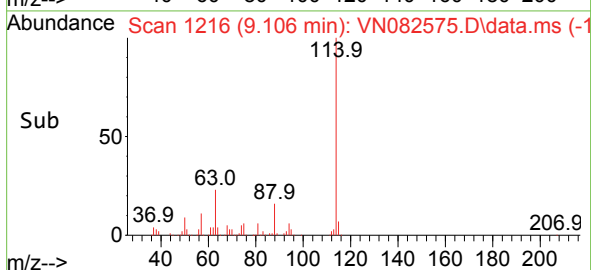
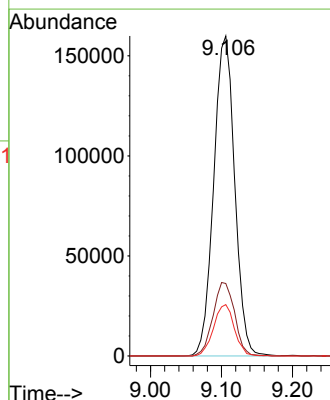
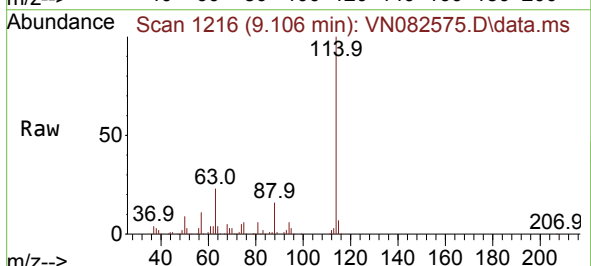
Tgt Ion: 114 Resp: 327165

Ion Ratio Lower Upper

114 100

63 22.6 0.0 41.0

88 16.1 0.0 31.4





#35

Dibromofluoromethane

Concen: 53.131 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN082575.D

Acq: 14 Jun 2024 12:00

Instrument :

MSVOA_N

ClientSampleId :

VN0614WBL01

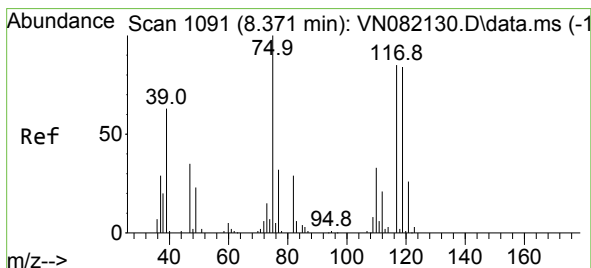
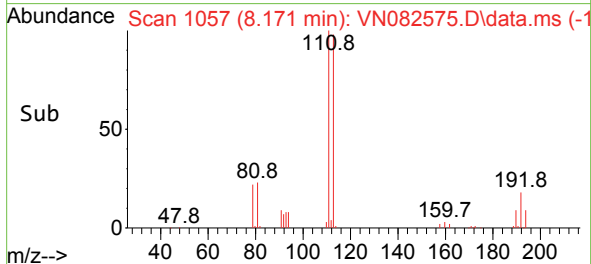
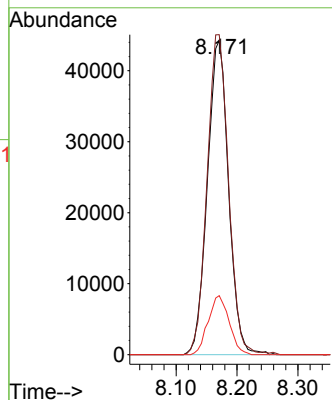
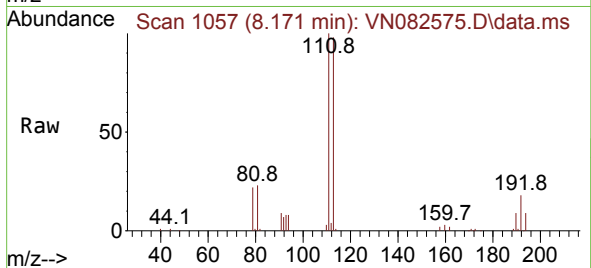
Tgt Ion:113 Resp: 106929

Ion Ratio Lower Upper

113 100

111 103.3 83.4 125.2

192 18.6 14.0 21.0



#36

1,1-Dichloropropene

Concen: 4.887 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN082575.D

Acq: 14 Jun 2024 12:00

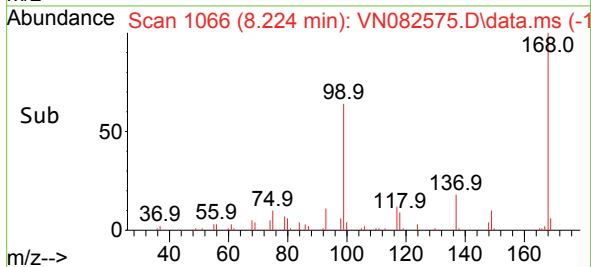
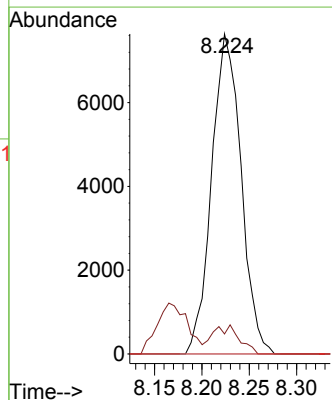
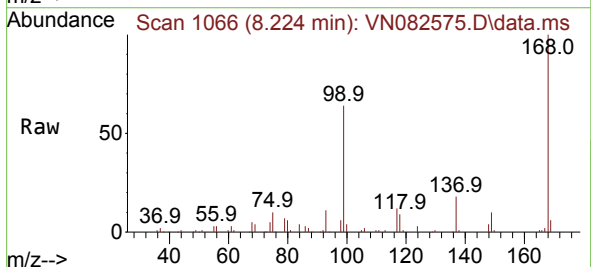
Tgt Ion: 75 Resp: 16496

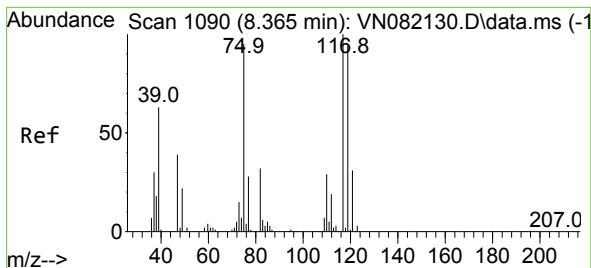
Ion Ratio Lower Upper

75 100

110 8.2 17.8 53.5#

77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.732 ug/l

RT: 8.224 min Scan# 1106

Delta R.T. -0.141 min

Lab File: VN082575.D

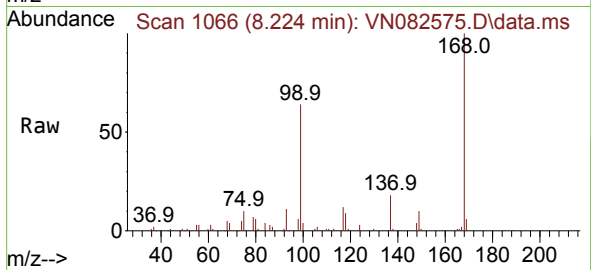
Acq: 14 Jun 2024 12:00

Instrument :

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VN0614WBL01



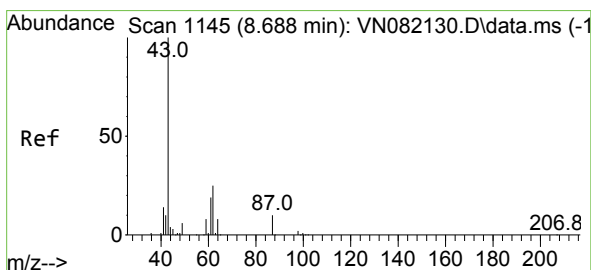
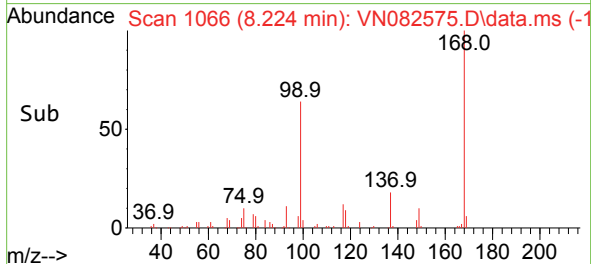
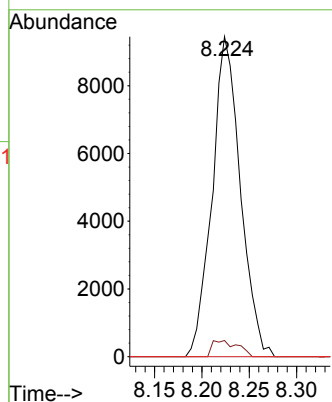
Tgt Ion:117 Resp: 19612

Ion Ratio Lower Upper

117 100

119 5.1 76.5 114.7#

121 0.0 23.9 35.9#



#43

Isopropyl Acetate

Concen: 0.736 ug/l

RT: 8.683 min Scan# 1144

Delta R.T. -0.006 min

Lab File: VN082575.D

Acq: 14 Jun 2024 12:00

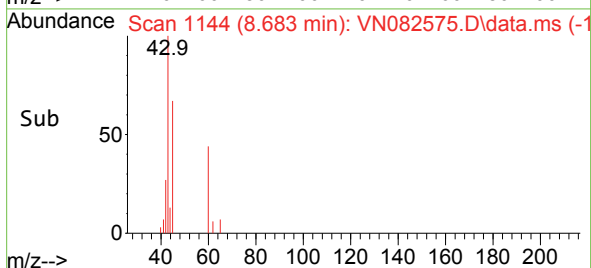
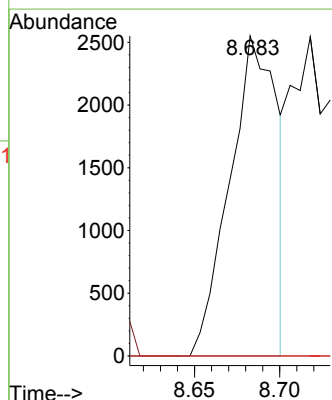
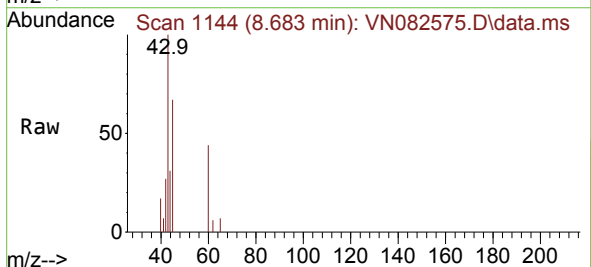
Tgt Ion: 43 Resp: 4924

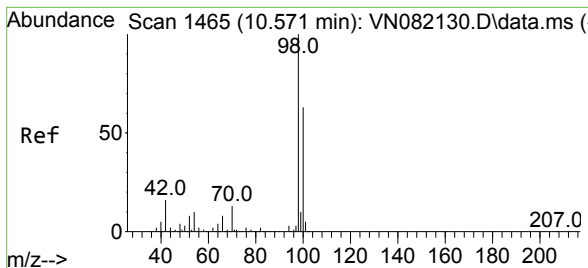
Ion Ratio Lower Upper

43 100

61 0.0 22.8 34.2#

87 0.0 12.0 18.0#

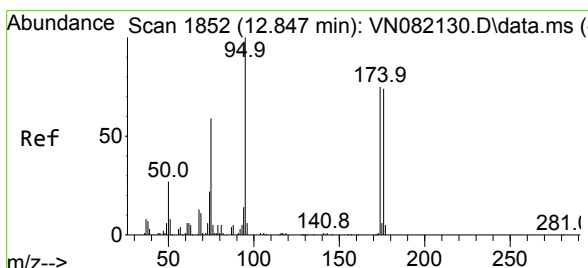
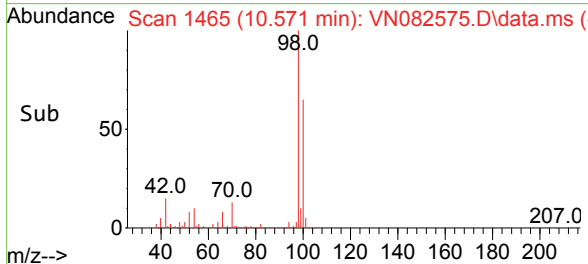
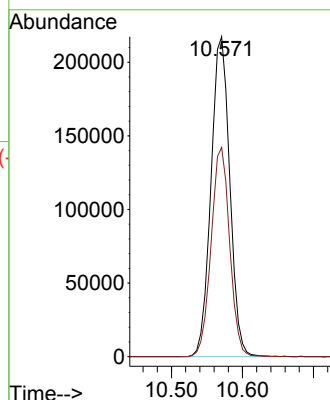
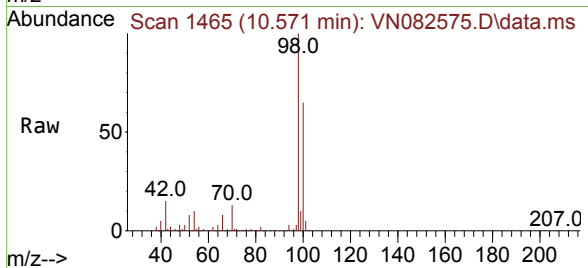




#50
Toluene-d8
Concen: 51.662 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082575.D
Acq: 14 Jun 2024 12:00

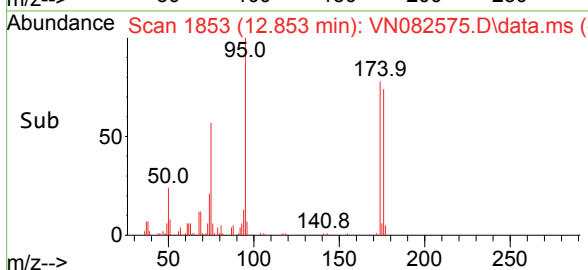
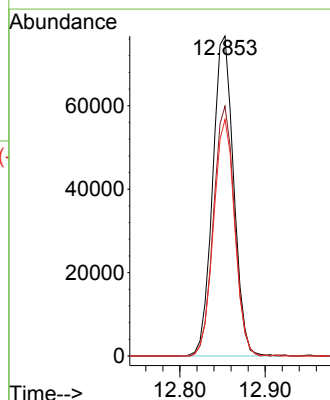
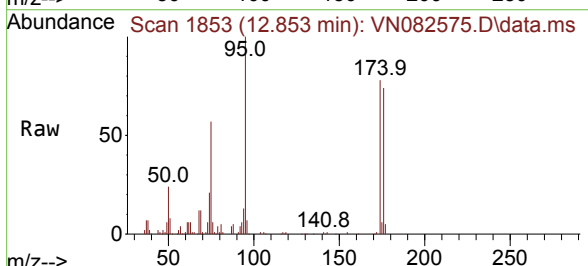
Instrument :
MSVOA_N
ClientSampleId :
VN0614WBL01

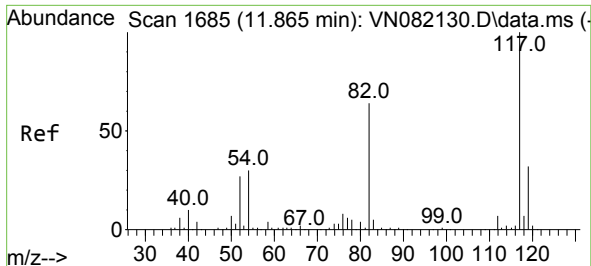
Tgt Ion: 98 Resp: 398627
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 47.696 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082575.D
Acq: 14 Jun 2024 12:00

Tgt Ion: 95 Resp: 131356
Ion Ratio Lower Upper
95 100
174 78.3 0.0 160.6
176 74.6 0.0 152.8

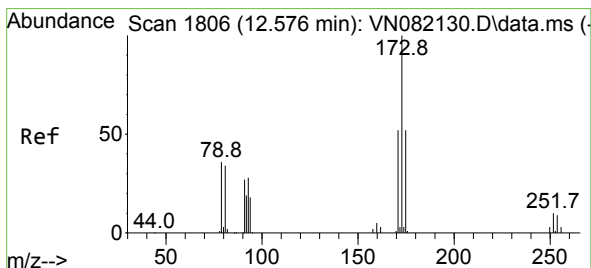
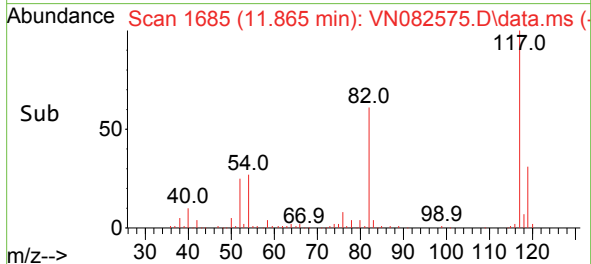
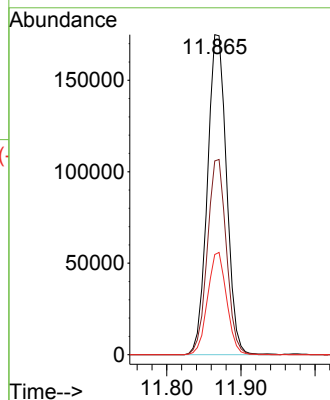
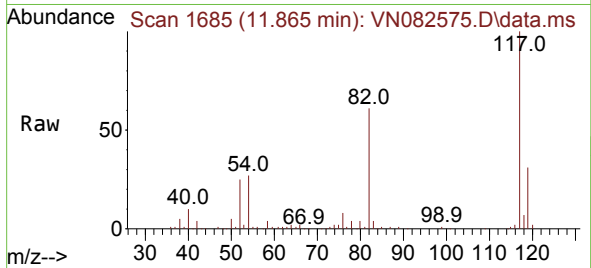




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN082575.D
Acq: 14 Jun 2024 12:00

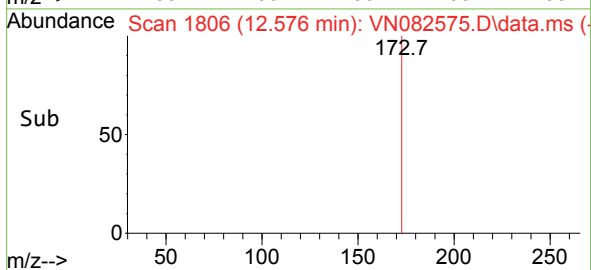
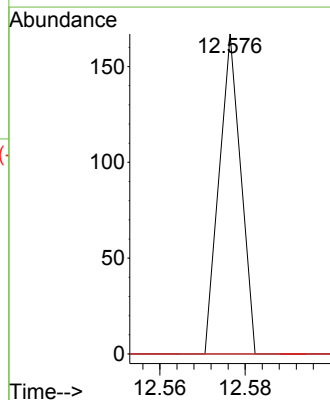
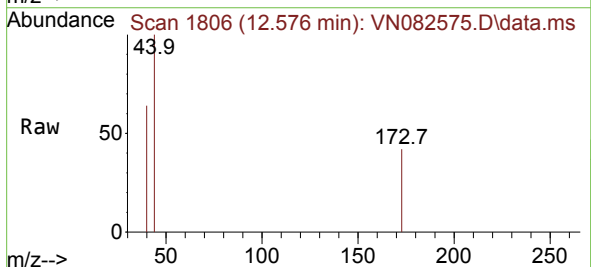
Instrument :
MSVOA_N
ClientSampleId :
VN0614WBL01

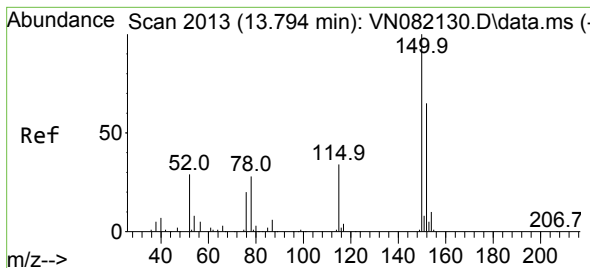
Tgt Ion:117 Resp: 313606
Ion Ratio Lower Upper
117 100
82 60.5 44.6 66.8
119 31.3 25.9 38.9



#71
Bromoform
Concen: 0.733 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN082575.D
Acq: 14 Jun 2024 12:00

Tgt Ion:173 Resp: 59
Ion Ratio Lower Upper
173 100
175 0.0 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: VN082575.D

Acq: 14 Jun 2024 12:00

Instrument :

MSVOA_N

ClientSampleId :

VN0614WBL01

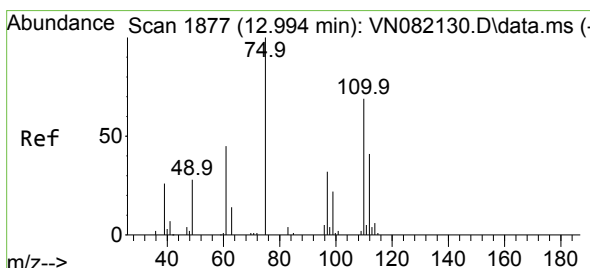
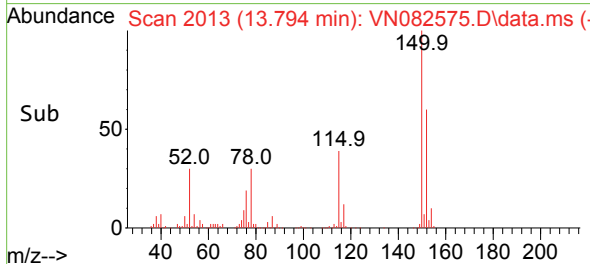
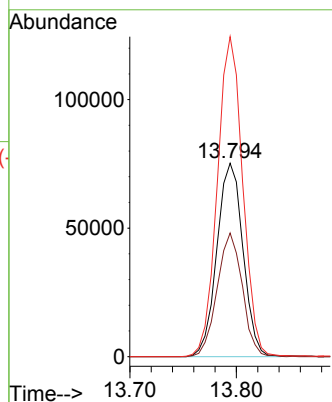
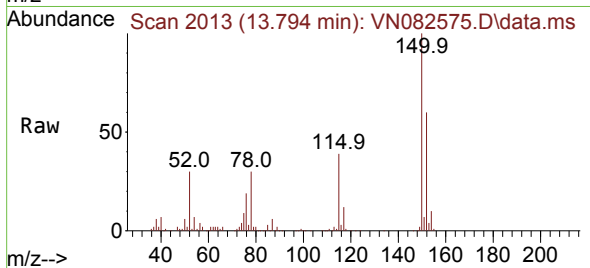
Tgt Ion:152 Resp: 127995

Ion Ratio Lower Upper

152 100

115 61.6 30.4 91.3

150 161.2 0.0 353.2



#76

1,2,3-Trichloropropane

Concen: 28.743 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082575.D

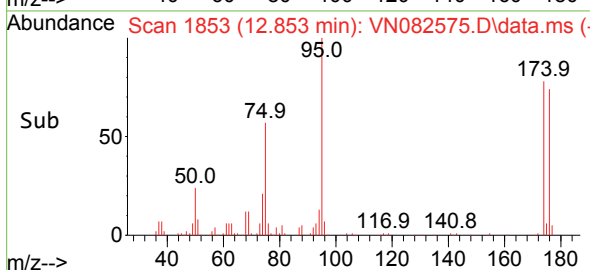
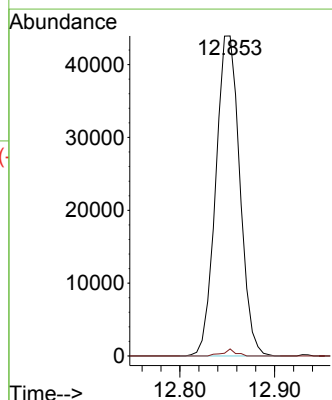
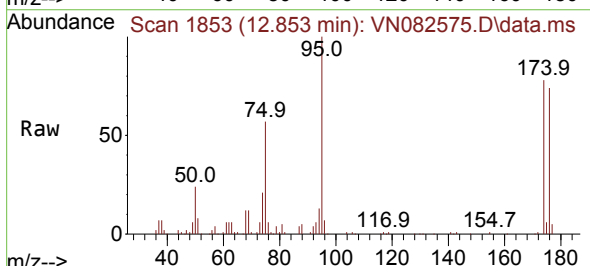
Acq: 14 Jun 2024 12:00

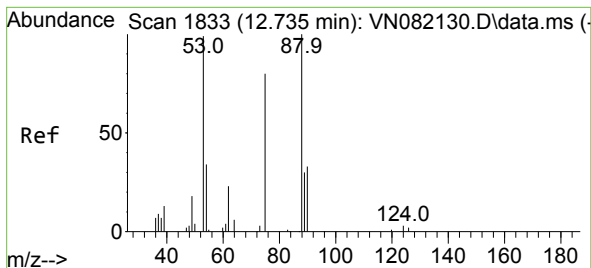
Tgt Ion: 75 Resp: 77433

Ion Ratio Lower Upper

75 100

77 1.2 90.5 271.3#

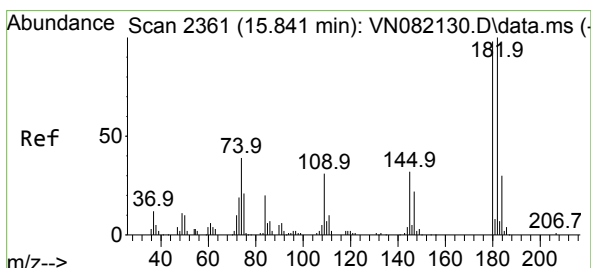
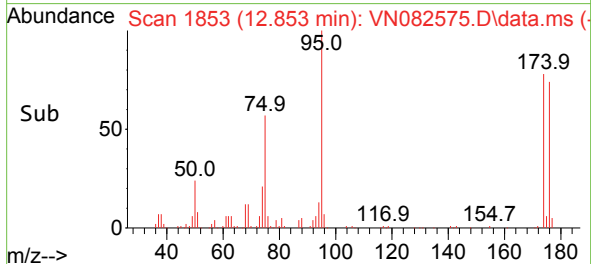
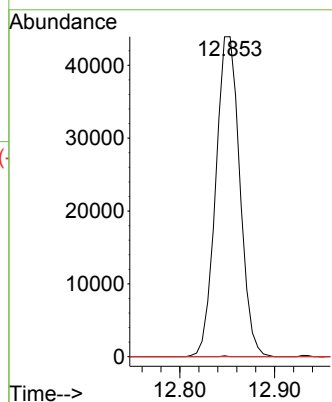
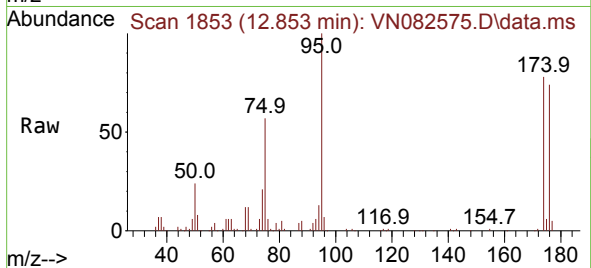




#81
trans-1,4-Dichloro-2-butene
Concen: 67.228 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN082575.D
Acq: 14 Jun 2024 12:00

Instrument :
MSVOA_N
ClientSampleId :
VN0614WBL01

Tgt Ion: 75 Resp: 77433
Ion Ratio Lower Upper
75 100
53 0.1 72.9 109.3#
89 0.0 39.1 58.7#



#96
1,2,3-Trichlorobenzene
Concen: 0.213 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN082575.D
Acq: 14 Jun 2024 12:00

Tgt Ion:180 Resp: 497
Ion Ratio Lower Upper
180 100
182 60.0 46.0 137.8
145 0.0 17.1 51.3#

