

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011224\
 Data File : VN080702.D
 Acq On : 12 Jan 2024 20:05
 Operator : JC\MD
 Sample : P1111-08
 Misc : 2.73g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 12 22:19:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 06:34:36 2024
 Response via : Initial Calibration

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

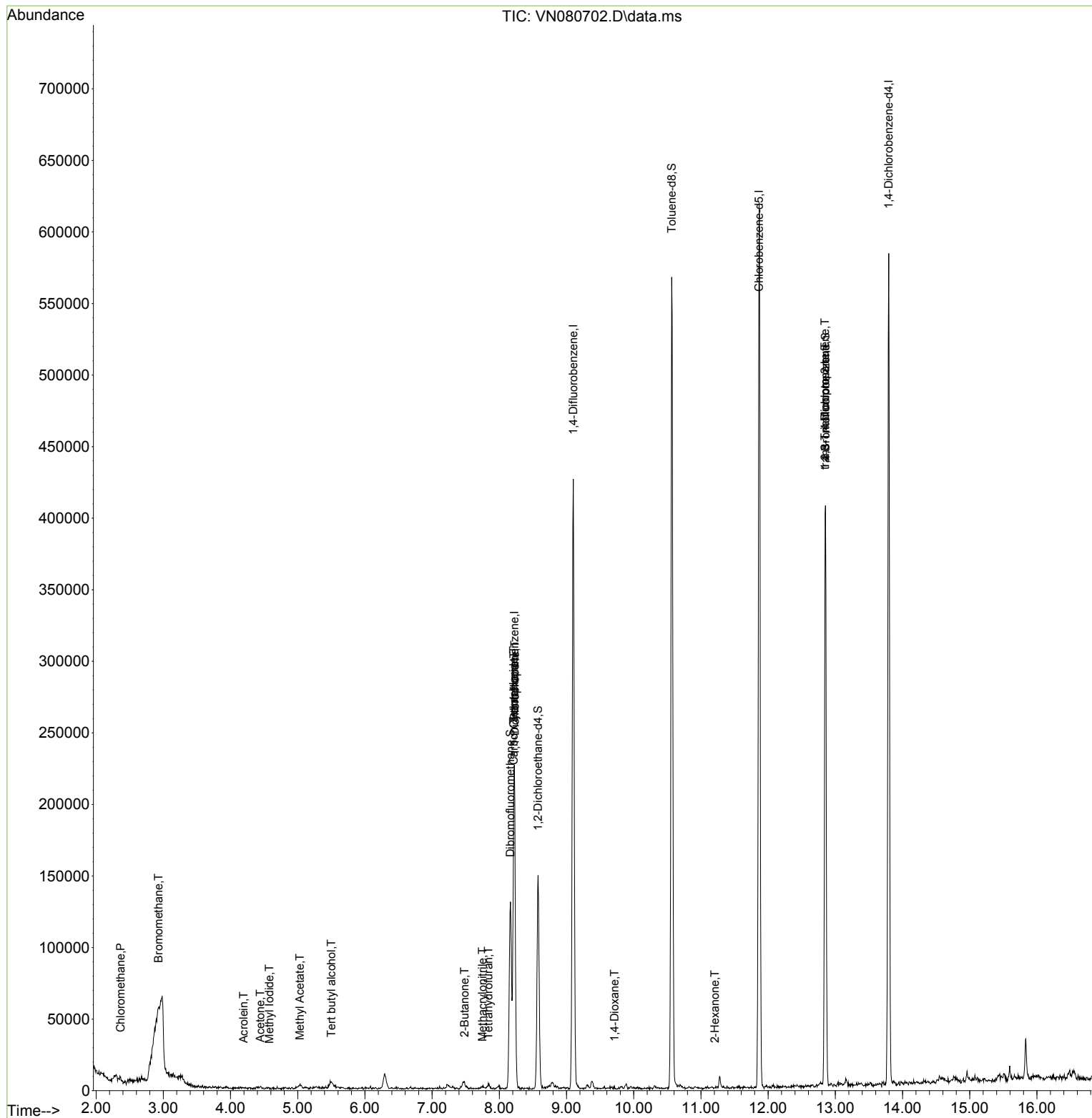
Internal Standards						
1) Pentafluorobenzene	8.224	168	153571	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	338029	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	331754	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	135885	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	113049	41.919	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	83.840%
35) Dibromofluoromethane	8.165	113	93313	48.585	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.180%
50) Toluene-d8	10.565	98	377521	51.550	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.100%
62) 4-Bromofluorobenzene	12.853	95	150859	53.718	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.440%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	3327	0.535	ug/l	95
5) Bromomethane	2.930	94	307	0.357	ug/l #	4
6) Chloroethane	3.089	64	68	Below Cal	#	43
10) Methyl Iodide	4.577	142	371	0.218	ug/l #	38
11) Tert butyl alcohol	5.500	59	5116	11.217	ug/l #	76
13) Acrolein	4.195	56	124	0.325	ug/l #	1
16) Acetone	4.442	43	1598	1.805	ug/l #	40
18) Methyl Acetate	5.030	43	6273	2.379	ug/l #	56
25) 2-Butanone	7.483	43	2000	1.250	ug/l #	82
29) Tetrahydrofuran	7.836	42	889	0.824	ug/l #	64
31) Cyclohexane	8.218	56	5110	1.226	ug/l #	44
36) 1,1-Dichloropropene	8.230	75	15560	3.955	ug/l #	47
38) Carbon Tetrachloride	8.212	117	17395	4.924	ug/l #	15
41) Methacrylonitrile	7.747	41	1502	0.679	ug/l #	31
49) 1,4-Dioxane	9.712	88	67	1.620	ug/l #	1
59) 2-Hexanone	11.206	43	594	0.213	ug/l #	33
76) 1,2,3-Trichloropropane	12.847	75	81104	19.356	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	81104	45.630	ug/l #	15

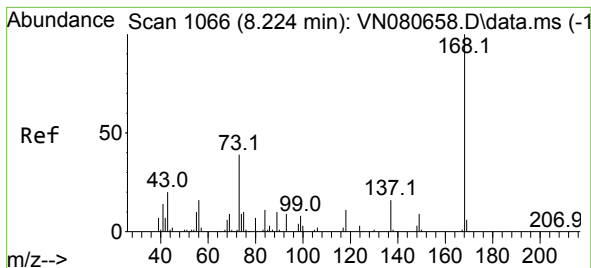
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011224\
Data File : VN080702.D
Acq On : 12 Jan 2024 20:05
Operator : JC\MD
Sample : P1111-08
Misc : 2.73g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jan 12 22:19:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 06:34:36 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080702.D

Acq: 12 Jan 2024 20:05

Instrument :

MSVOA_N

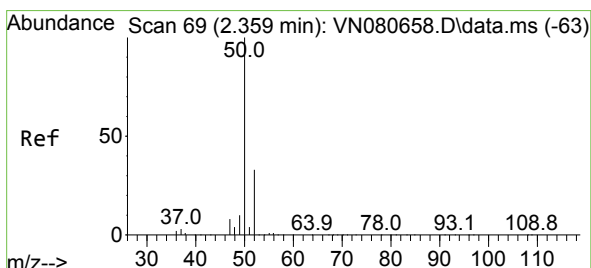
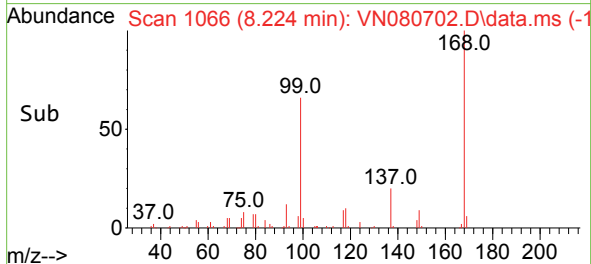
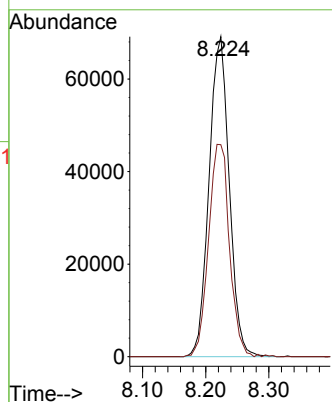
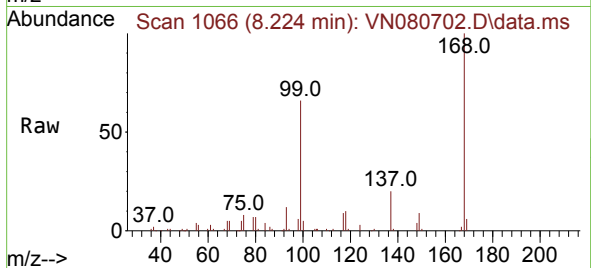
ClientSampleId :

Tgt Ion:168 Resp: 153571

Ion Ratio Lower Upper

168 100

99 66.3 53.0 79.6



#3

Chloromethane

Concen: 0.535 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN080702.D

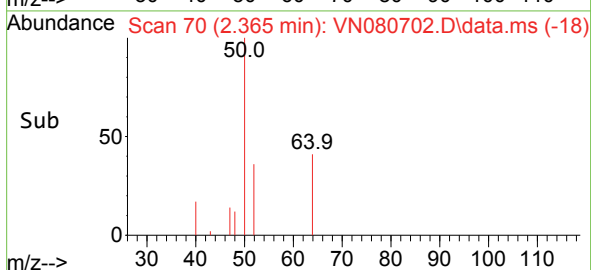
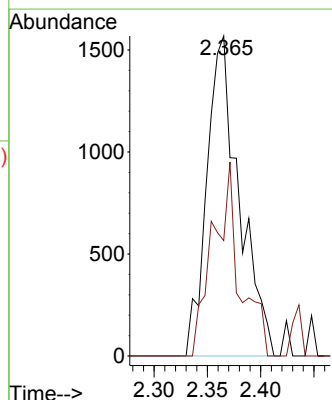
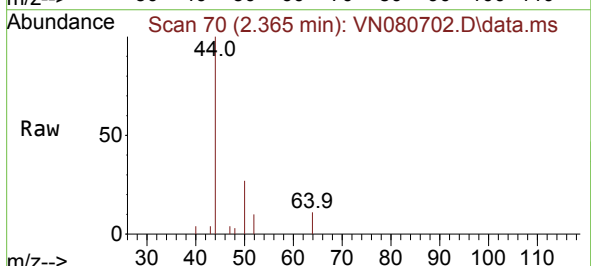
Acq: 12 Jan 2024 20:05

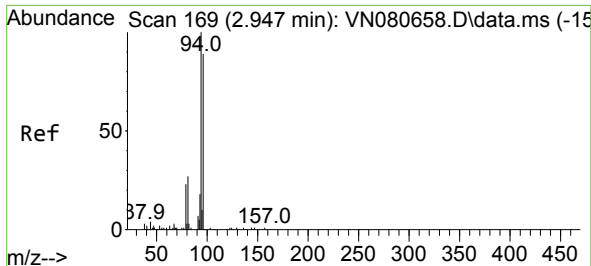
Tgt Ion: 50 Resp: 3327

Ion Ratio Lower Upper

50 100

52 36.1 26.5 39.7

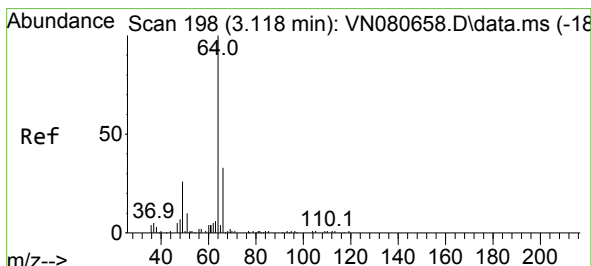
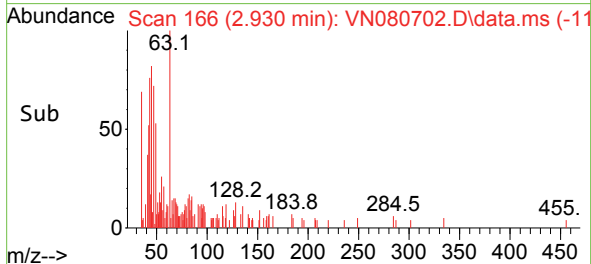
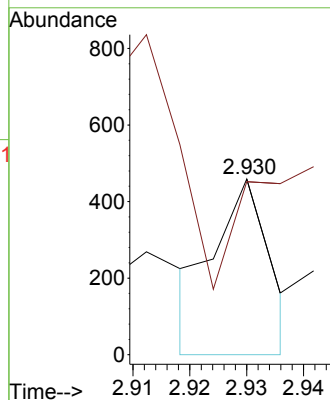
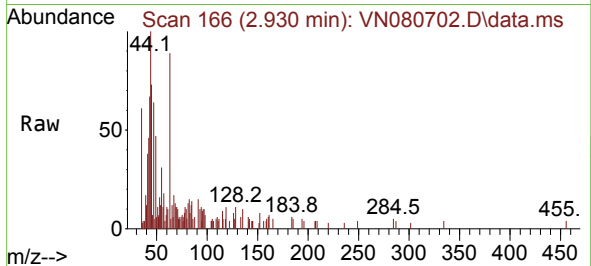




#5
Bromomethane
Concen: 0.357 ug/l
RT: 2.930 min Scan# 11
Delta R.T. -0.017 min
Lab File: VN080702.D
Acq: 12 Jan 2024 20:05

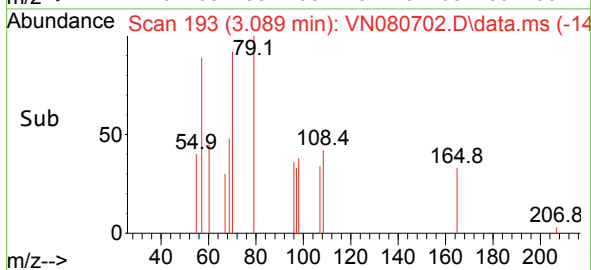
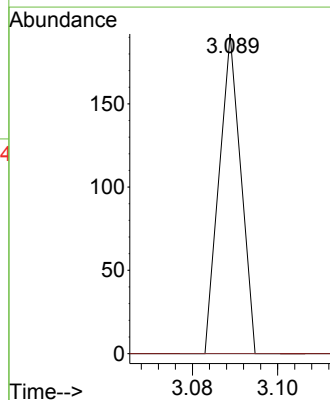
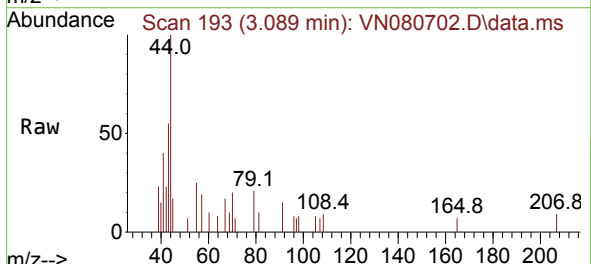
Instrument :
MSVOA_N
ClientSampleId :

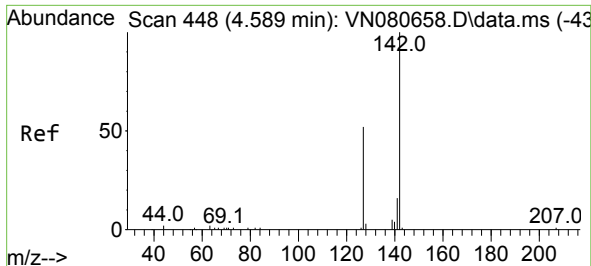
Tgt Ion: 94 Resp: 307
Ion Ratio Lower Upper
94 100
96 0.0 73.1 109.7#



#6
Chloroethane
Concen: Below Cal
RT: 3.089 min Scan# 193
Delta R.T. -0.029 min
Lab File: VN080702.D
Acq: 12 Jan 2024 20:05

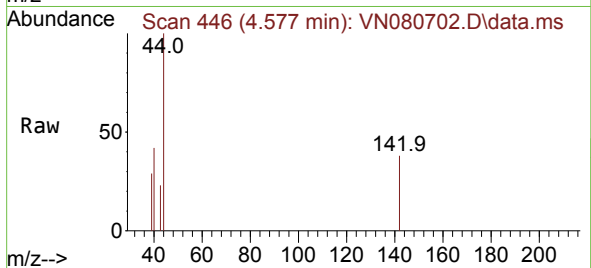
Tgt Ion: 64 Resp: 68
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



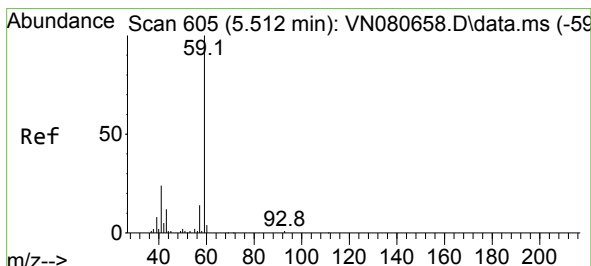
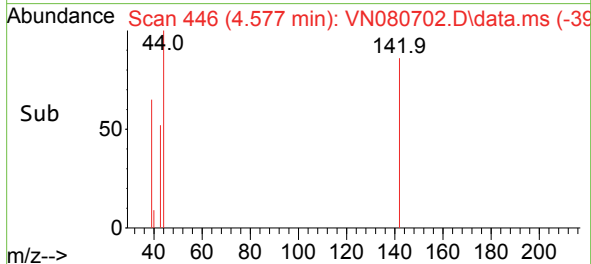
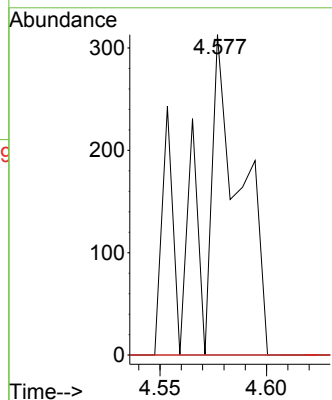


#10
Methyl Iodide
Concen: 0.218 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.012 min
Lab File: VN080702.D
Acq: 12 Jan 2024 20:05

Instrument :
MSVOA_N
ClientSampleId :

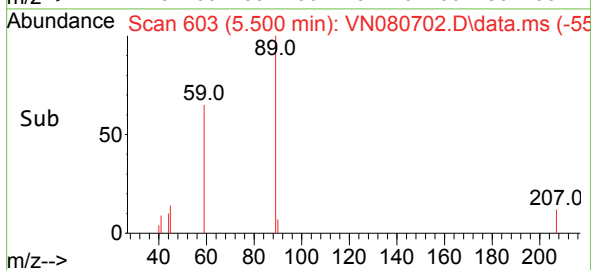
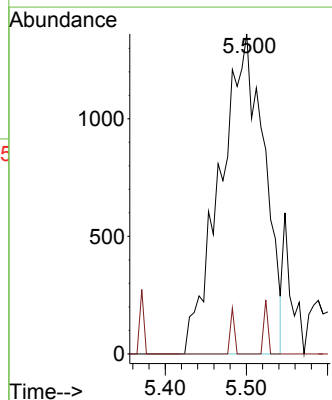
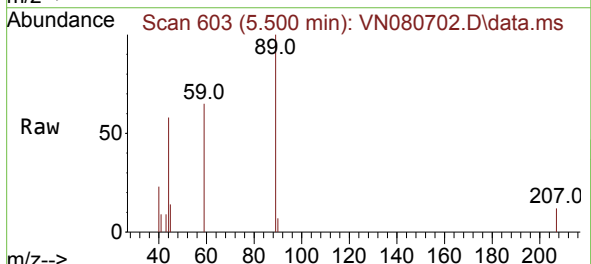


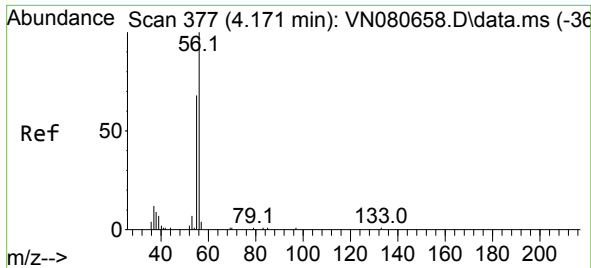
Tgt Ion:142 Resp: 371
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 11.217 ug/l
RT: 5.500 min Scan# 603
Delta R.T. -0.012 min
Lab File: VN080702.D
Acq: 12 Jan 2024 20:05

Tgt Ion: 59 Resp: 5116
Ion Ratio Lower Upper
59 100
57 1.3 8.2 12.4#





#13

Acrolein

Concen: 0.325 ug/l

RT: 4.195 min Scan# 31

Delta R.T. 0.024 min

Lab File: VN080702.D

Acq: 12 Jan 2024 20:05

Instrument :

MSVOA_N

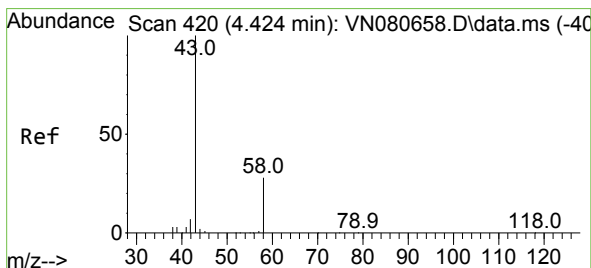
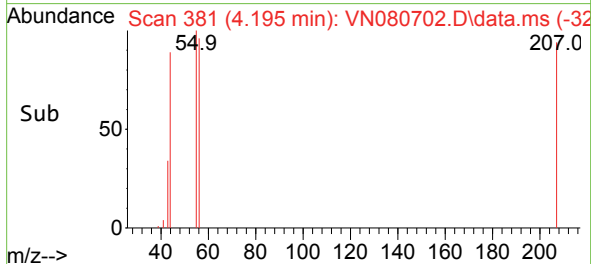
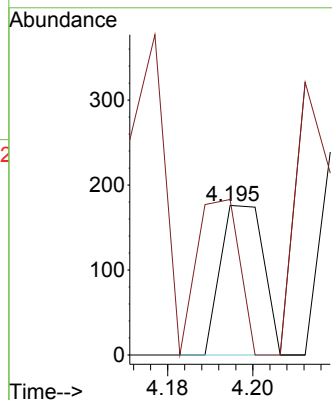
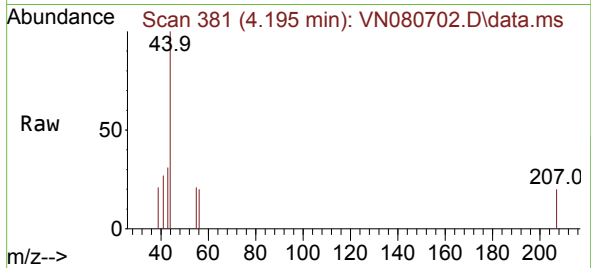
ClientSampleId :

Tgt Ion: 56 Resp: 124

Ion Ratio Lower Upper

56 100

55 281.5 54.5 81.7#



#16

Acetone

Concen: 1.805 ug/l

RT: 4.442 min Scan# 423

Delta R.T. 0.018 min

Lab File: VN080702.D

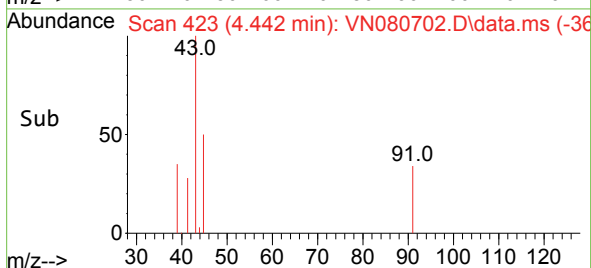
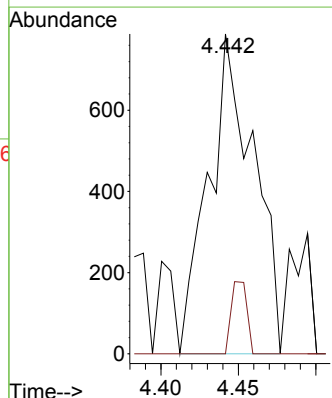
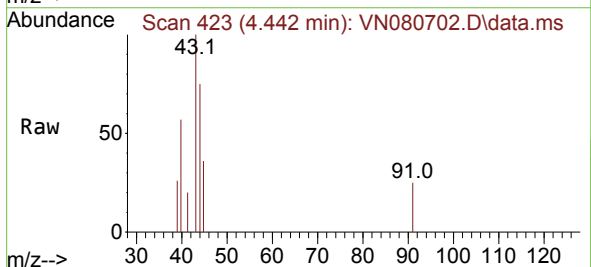
Acq: 12 Jan 2024 20:05

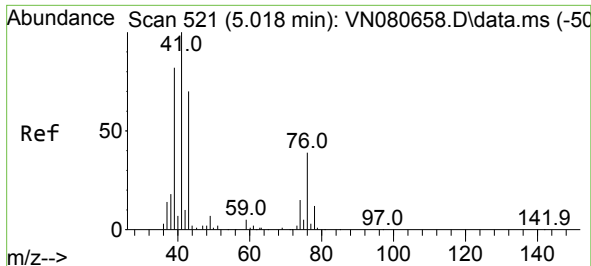
Tgt Ion: 43 Resp: 1598

Ion Ratio Lower Upper

43 100

58 0.0 28.0 42.0#

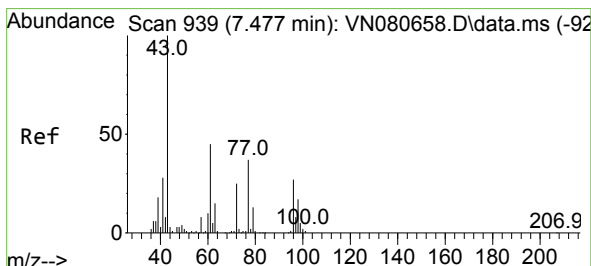
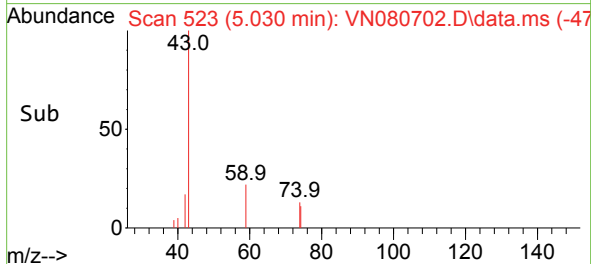
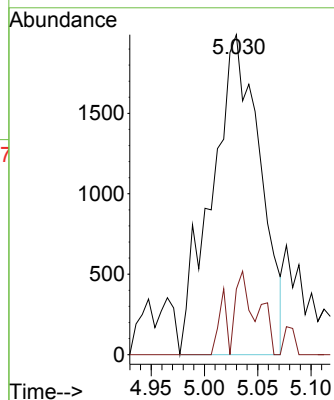
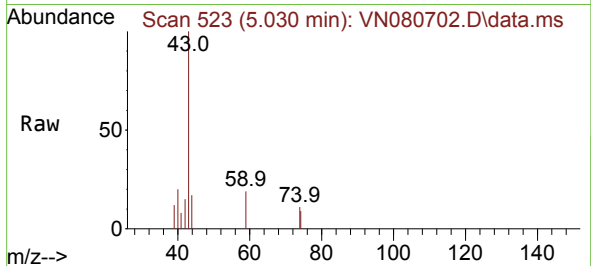




#18
Methyl Acetate
Concen: 2.379 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN080702.D
Acq: 12 Jan 2024 20:05

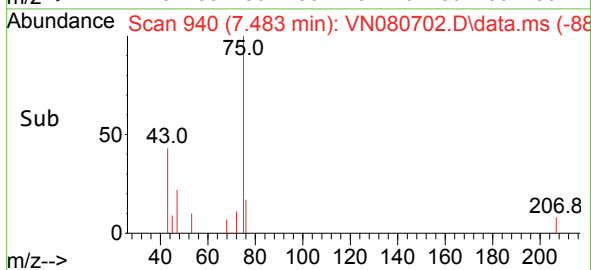
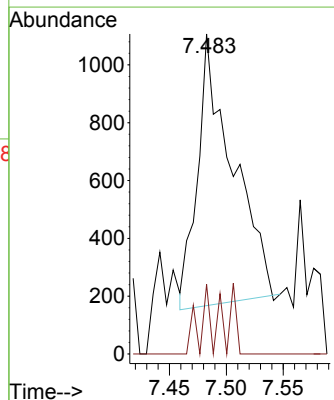
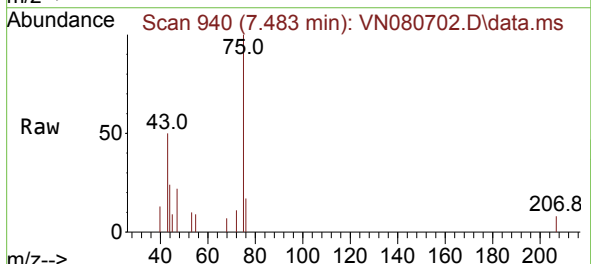
Instrument :
MSVOA_N
ClientSampleId :

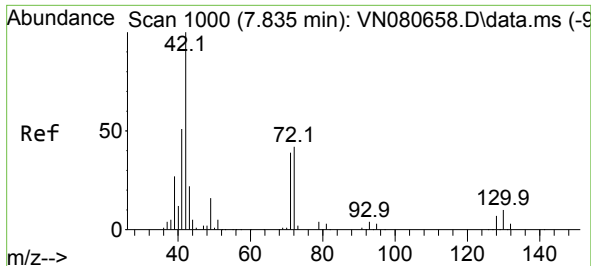
Tgt Ion: 43 Resp: 6273
Ion Ratio Lower Upper
43 100
74 7.9 26.2 39.4#



#25
2-Butanone
Concen: 1.250 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN080702.D
Acq: 12 Jan 2024 20:05

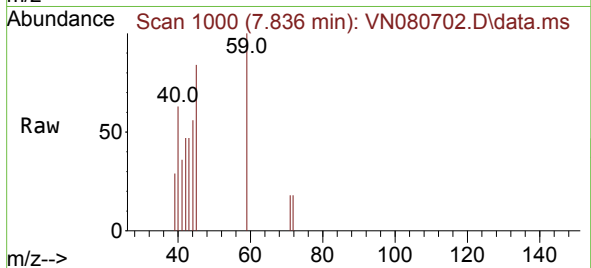
Tgt Ion: 43 Resp: 2000
Ion Ratio Lower Upper
43 100
72 26.8 30.2 45.2#



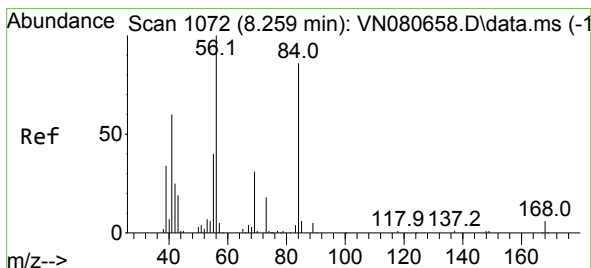
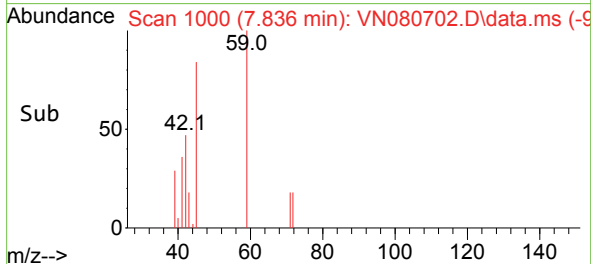
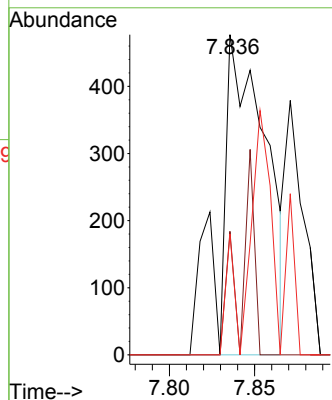


#29
Tetrahydrofuran
Concen: 0.824 ug/l
RT: 7.836 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VN080702.D
Acq: 12 Jan 2024 20:05

Instrument :
MSVOA_N
ClientSampleId :

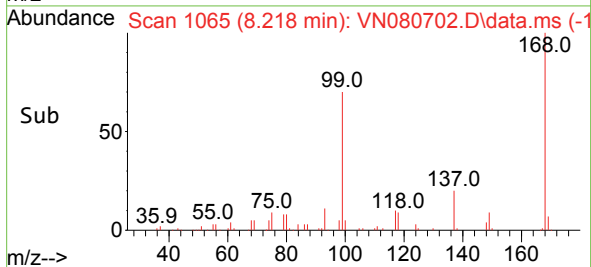
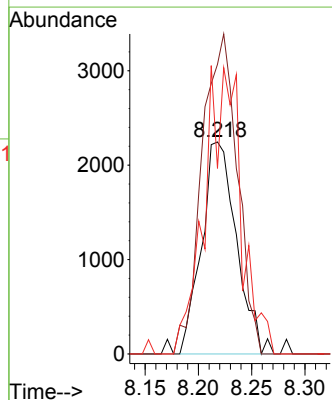
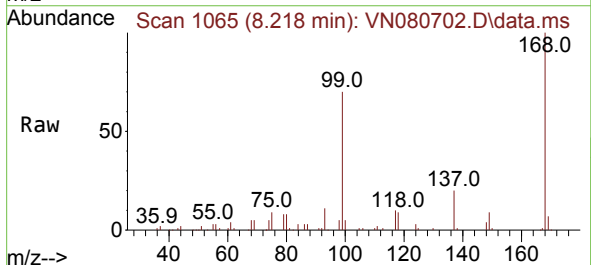


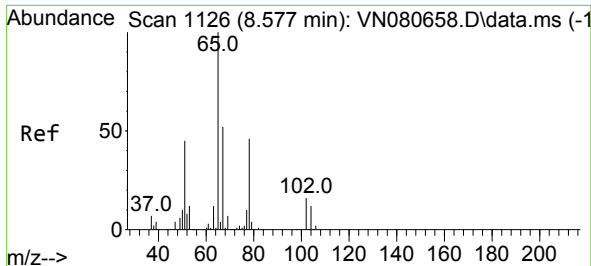
Tgt Ion: 42 Resp: 889
Ion Ratio Lower Upper
42 100
72 19.5 49.8 74.6#
71 47.7 47.4 71.2



#31
Cyclohexane
Concen: 1.226 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN080702.D
Acq: 12 Jan 2024 20:05

Tgt Ion: 56 Resp: 5110
Ion Ratio Lower Upper
56 100
69 136.6 26.8 40.2#
84 87.6 81.8 122.6





#33

1,2-Dichloroethane-d4

Concen: 41.919 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN080702.D

Acq: 12 Jan 2024 20:05

Instrument :

MSVOA_N

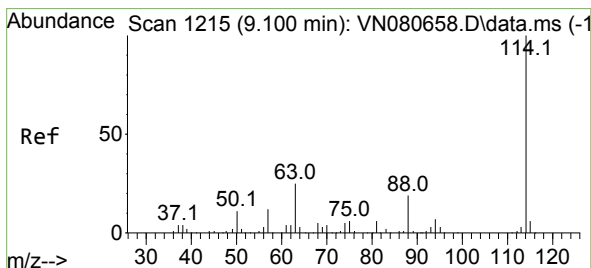
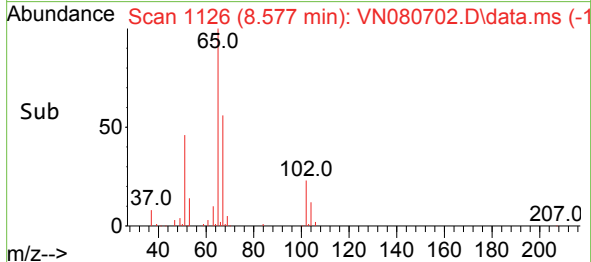
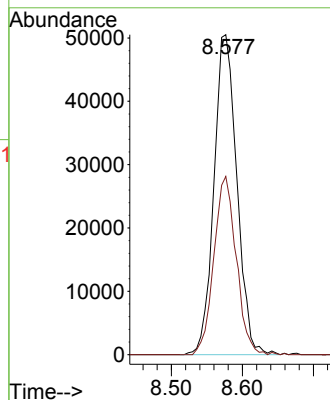
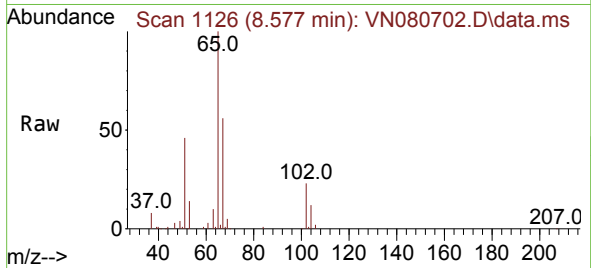
ClientSampleId :

Tgt Ion: 65 Resp: 113049

Ion Ratio Lower Upper

65 100

67 54.4 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080702.D

Acq: 12 Jan 2024 20:05

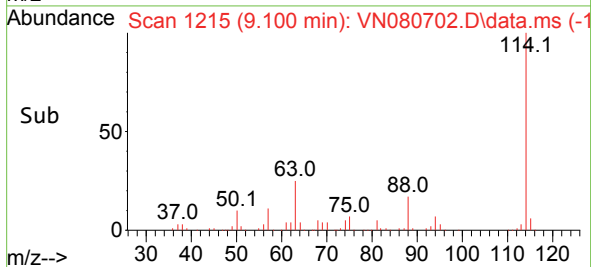
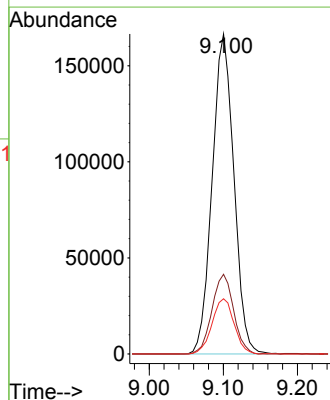
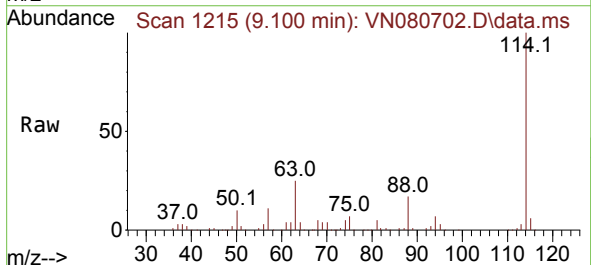
Tgt Ion: 114 Resp: 338029

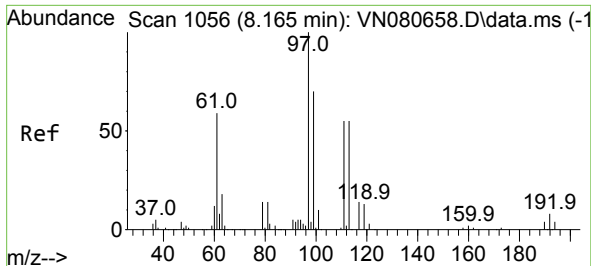
Ion Ratio Lower Upper

114 100

63 24.9 0.0 36.4

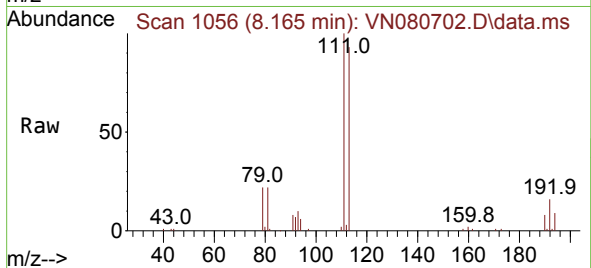
88 17.3 0.0 30.6



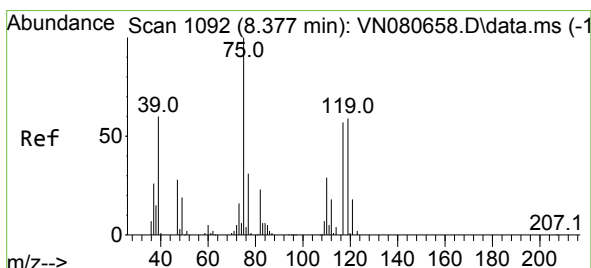
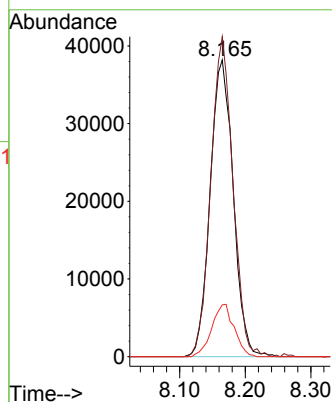
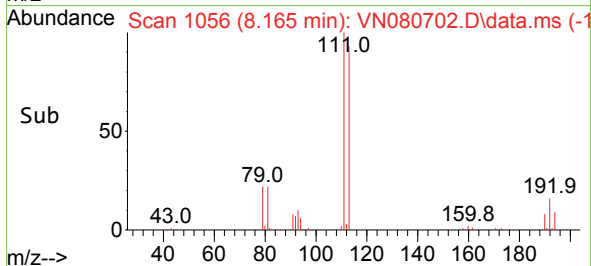


#35
Dibromofluoromethane
Concen: 48.585 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080702.D
Acq: 12 Jan 2024 20:05

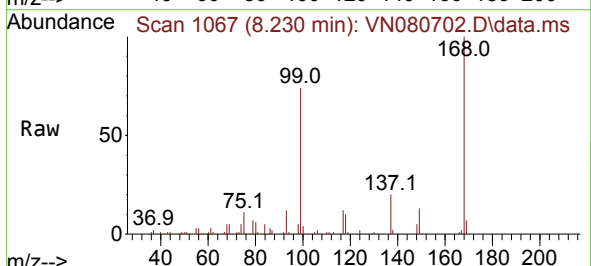
Instrument :
MSVOA_N
ClientSampleId :



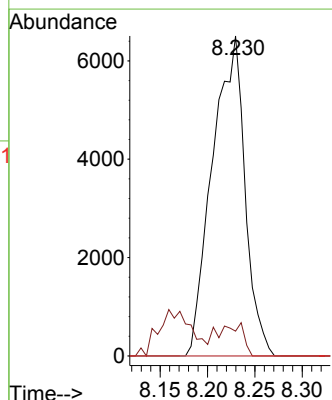
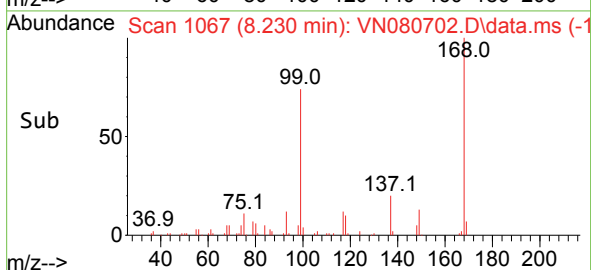
Tgt Ion:113 Resp: 93313
Ion Ratio Lower Upper
113 100
111 103.3 82.6 123.8
192 17.1 12.7 19.1

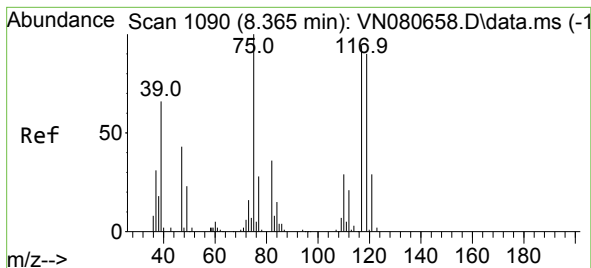


#36
1,1-Dichloropropene
Concen: 3.955 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN080702.D
Acq: 12 Jan 2024 20:05



Tgt Ion: 75 Resp: 15560
Ion Ratio Lower Upper
75 100
110 8.0 19.1 57.3#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 4.924 ug/l

RT: 8.212 min Scan# 1

Delta R.T. -0.153 min

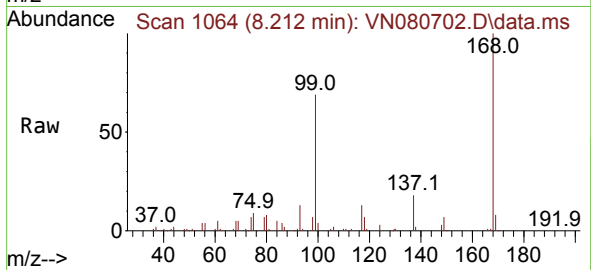
Lab File: VN080702.D

Acq: 12 Jan 2024 20:05

Instrument :

MSVOA_N

ClientSampleId :



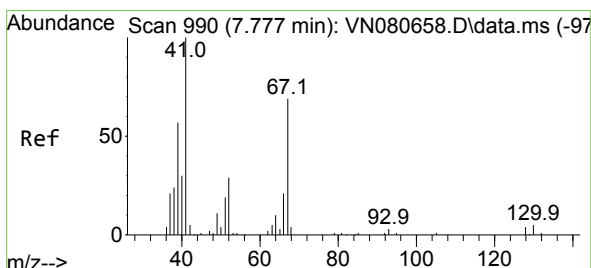
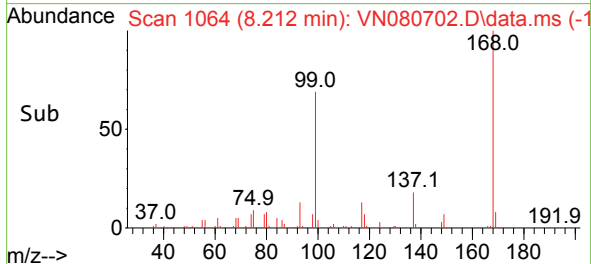
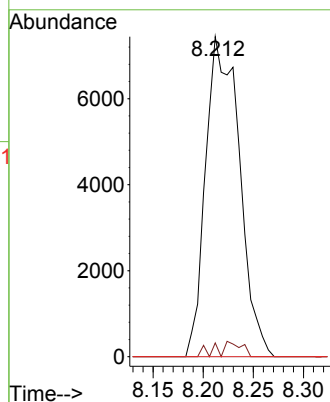
Tgt Ion:117 Resp: 17395

Ion Ratio Lower Upper

117 100

119 4.3 77.3 115.9#

121 0.0 23.3 34.9#



#41

Methacrylonitrile

Concen: 0.679 ug/l

RT: 7.747 min Scan# 985

Delta R.T. -0.029 min

Lab File: VN080702.D

Acq: 12 Jan 2024 20:05

Tgt Ion: 41 Resp: 1502

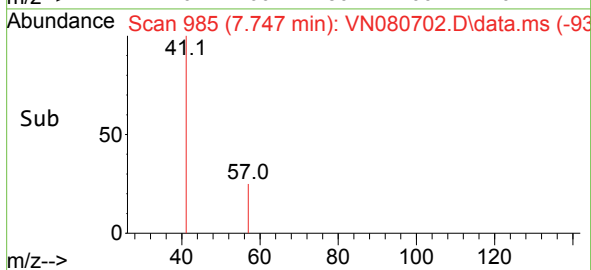
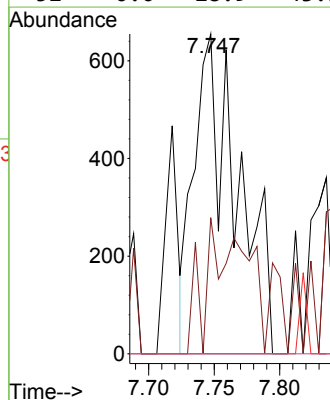
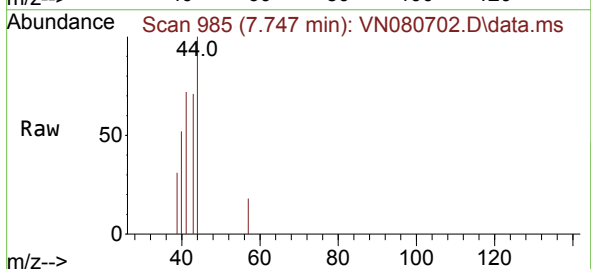
Ion Ratio Lower Upper

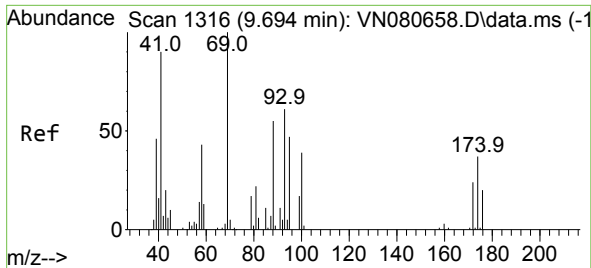
41 100

39 40.0 42.6 64.0#

67 0.0 77.5 116.3#

52 0.0 28.9 43.3#





#49

1,4-Dioxane

Concen: 1.620 ug/l

RT: 9.712 min Scan# 1

Delta R.T. 0.018 min

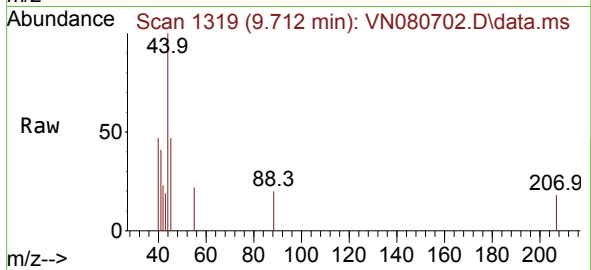
Lab File: VN080702.D

Acq: 12 Jan 2024 20:05

Instrument :

MSVOA_N

ClientSampleId :



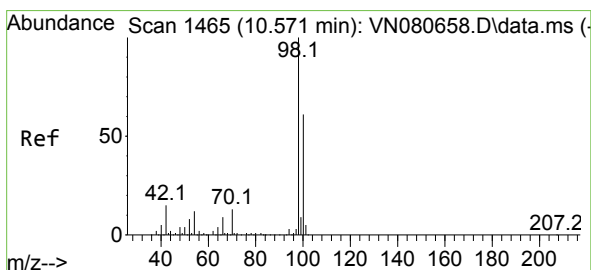
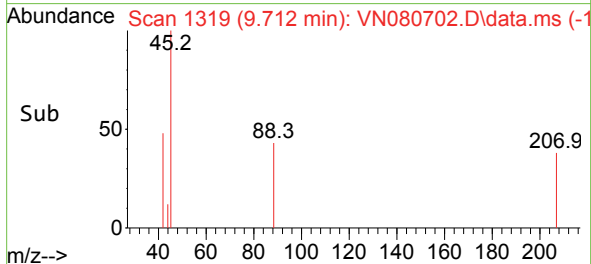
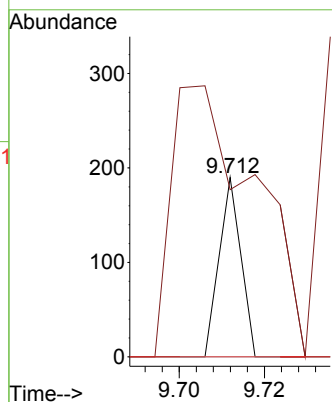
Tgt Ion: 88 Resp: 67

Ion Ratio Lower Upper

88 100

43 580.6 17.0 25.6#

58 0.0 47.0 70.4#



#50

Toluene-d8

Concen: 51.550 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN080702.D

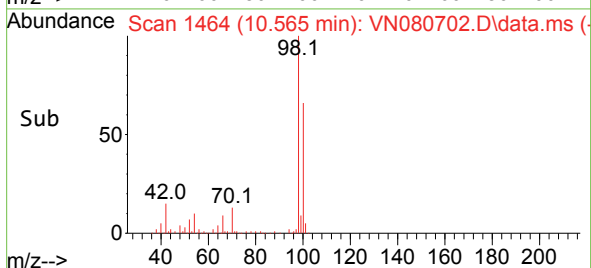
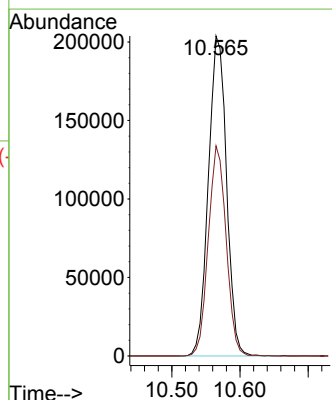
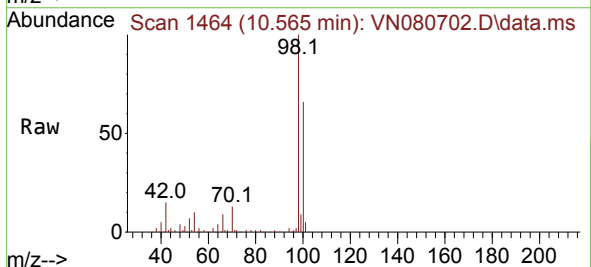
Acq: 12 Jan 2024 20:05

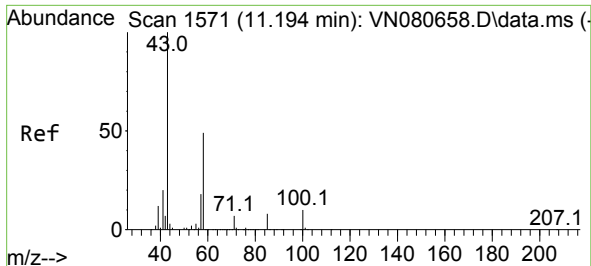
Tgt Ion: 98 Resp: 377521

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0

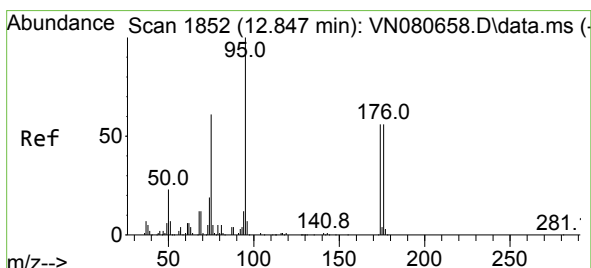
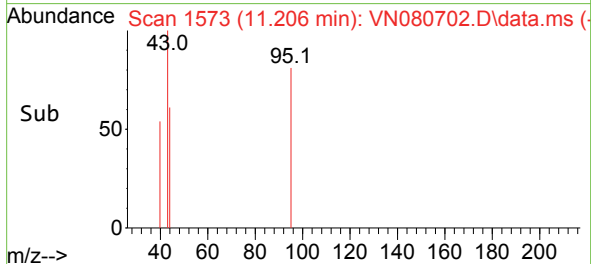
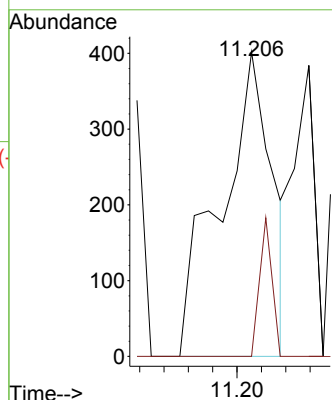
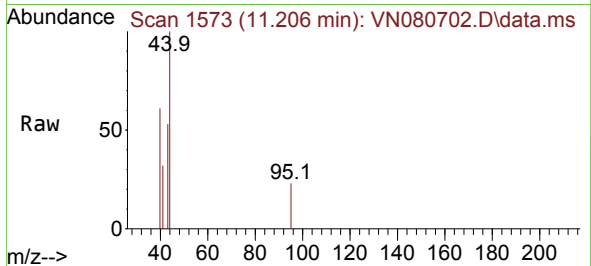




#59
2-Hexanone
Concen: 0.213 ug/l
RT: 11.206 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN080702.D
Acq: 12 Jan 2024 20:05

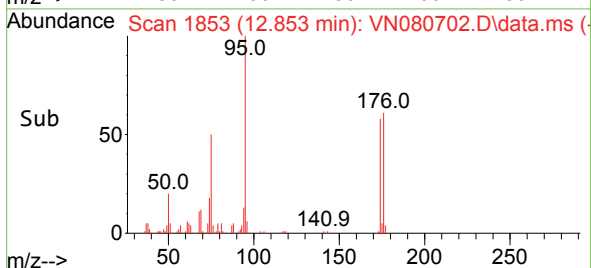
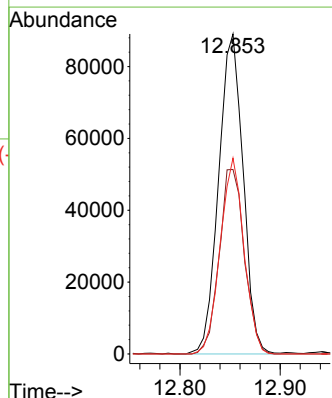
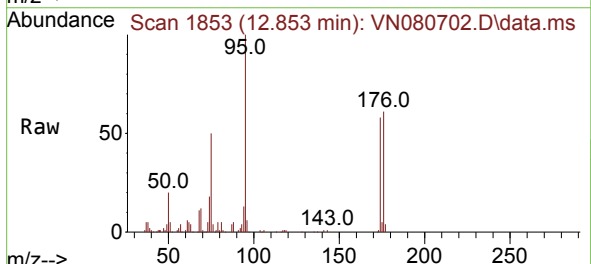
Instrument :
MSVOA_N
ClientSampleId :

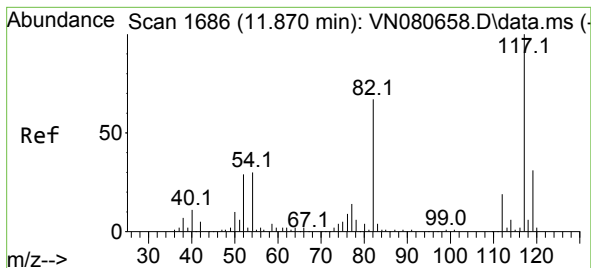
Tgt Ion: 43 Resp: 594
Ion Ratio Lower Upper
43 100
58 10.9 31.7 95.1#



#62
4-Bromofluorobenzene
Concen: 53.718 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080702.D
Acq: 12 Jan 2024 20:05

Tgt Ion: 95 Resp: 150859
Ion Ratio Lower Upper
95 100
174 59.3 0.0 143.8
176 59.3 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN080702.D

Acq: 12 Jan 2024 20:05

Instrument :

MSVOA_N

ClientSampleId :

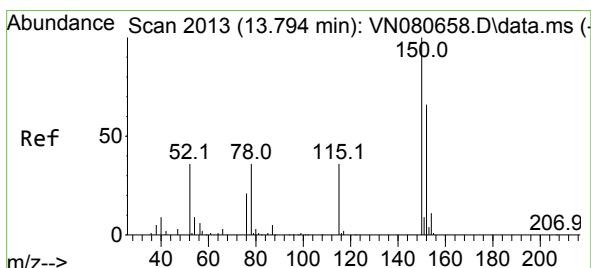
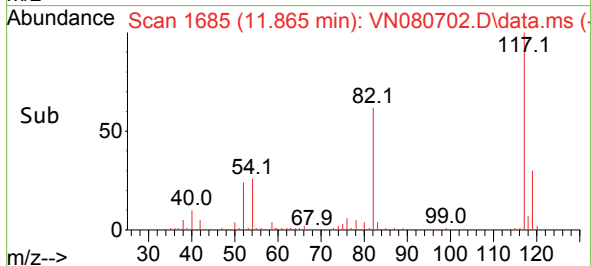
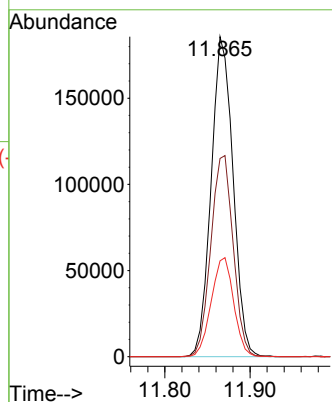
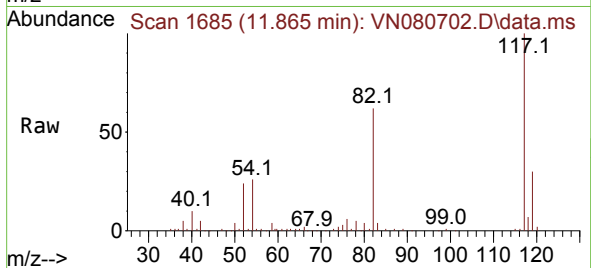
Tgt Ion:117 Resp: 331754

Ion Ratio Lower Upper

117 100

82 62.0 44.0 66.0

119 29.9 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: VN080702.D

Acq: 12 Jan 2024 20:05

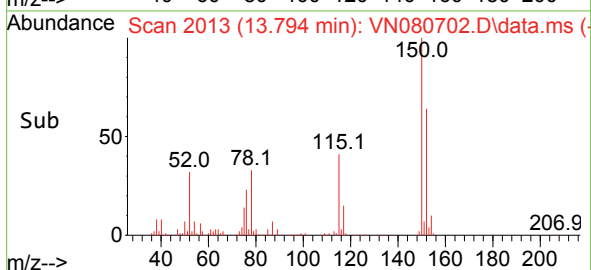
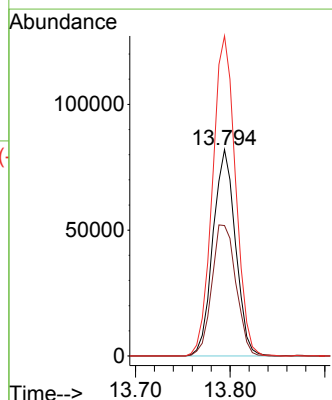
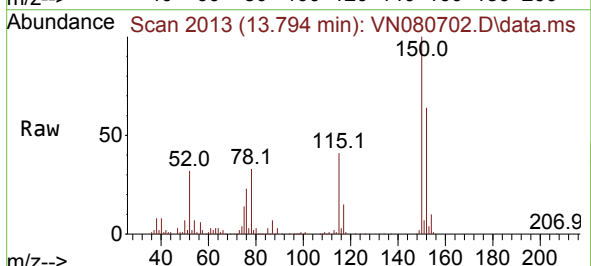
Tgt Ion:152 Resp: 135885

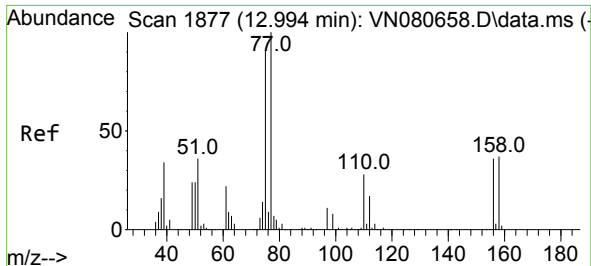
Ion Ratio Lower Upper

152 100

115 67.8 32.3 96.8

150 158.1 0.0 355.8

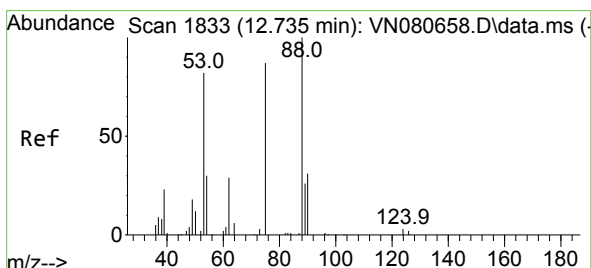
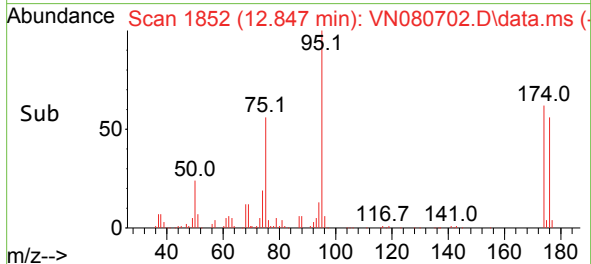
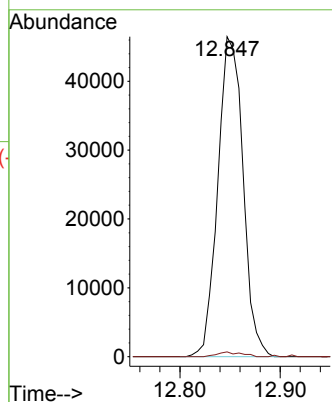
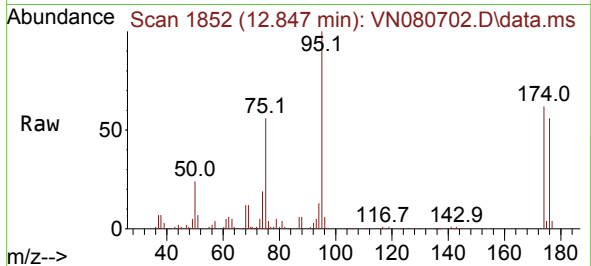




#76
1,2,3-Trichloropropane
Concen: 19.356 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN080702.D
Acq: 12 Jan 2024 20:05

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 81104
Ion Ratio Lower Upper
75 100
77 1.4 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 45.630 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN080702.D
Acq: 12 Jan 2024 20:05

Tgt Ion: 75 Resp: 81104
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#

