

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020824\
 Data File : VN080957.D
 Acq On : 08 Feb 2024 12:34
 Operator : JC\MD
 Sample : P1373-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 09 01:19:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 07 06:22:23 2024
 Response via : Initial Calibration

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

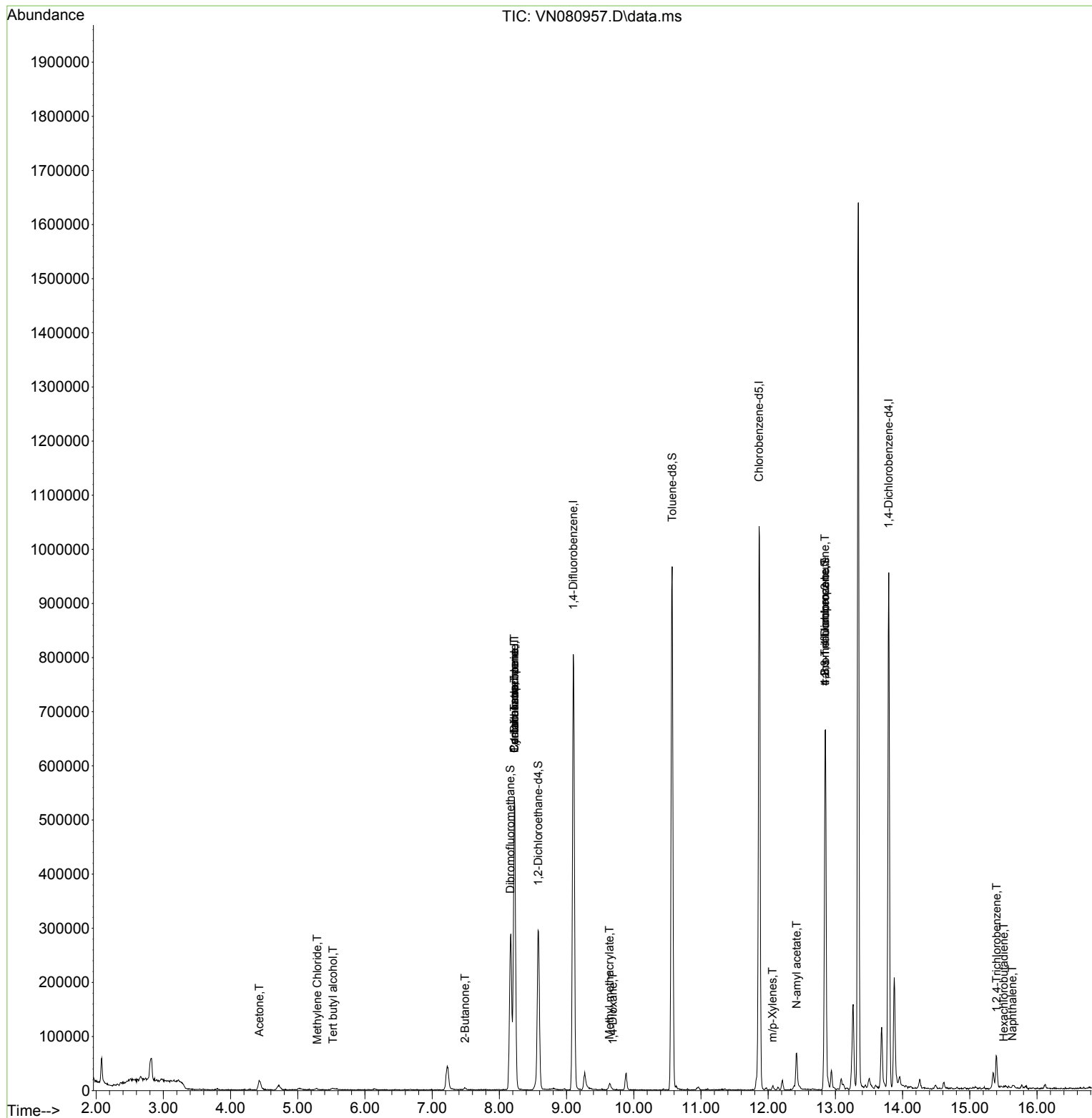
Internal Standards						
1) Pentafluorobenzene	8.224	168	381986	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	710395	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	611056	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	248137	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	243187	50.467	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.940%	
35) Dibromofluoromethane	8.165	113	205338	53.867	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.740%	
50) Toluene-d8	10.571	98	682172	49.475	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.940%	
62) 4-Bromofluorobenzene	12.847	95	230903	46.098	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.200%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	3704	Below Cal	#	83
11) Tert butyl alcohol	5.524	59	4449	6.701	ug/l #	75
16) Acetone	4.430	43	32093	20.243	ug/l	89
18) Methyl Acetate	5.036	43	6492	Below Cal	#	66
20) Methylene Chloride	5.289	84	1011	0.210	ug/l #	57
25) 2-Butanone	7.488	43	5739	2.255	ug/l #	89
31) Cyclohexane	8.224	56	9458	1.436	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	32572	5.744	ug/l #	52
38) Carbon Tetrachloride	8.224	117	40882	7.032	ug/l #	19
48) Methyl methacrylate	9.641	41	3288	0.740	ug/l #	15
49) 1,4-Dioxane	9.688	88	73	0.889	ug/l #	1
68) m/p-Xylenes	12.065	106	2410	0.288	ug/l	81
74) N-amyl acetate	12.423	43	14559	2.093	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	128242	25.347	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	128242	68.866	ug/l #	14
93) 1,2,4-Trichlorobenzene	15.400	180	1267	0.308	ug/l #	1
94) Hexachlorobutadiene	15.506	225	560	0.314	ug/l	90
95) Naphthalene	15.635	128	4480	0.330	ug/l #	91

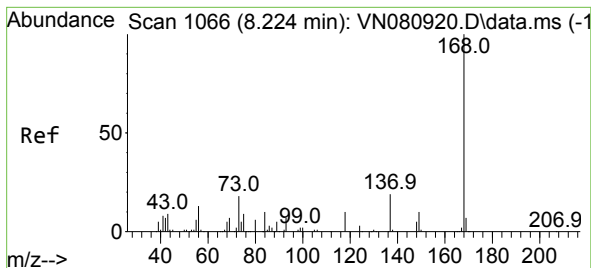
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Feb 07 06:22:23 2024
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080957.D

Acq: 08 Feb 2024 12:34

Instrument :

MSVOA_N

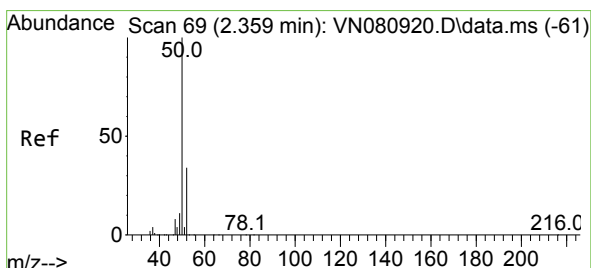
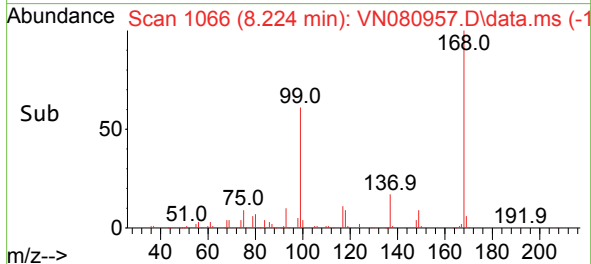
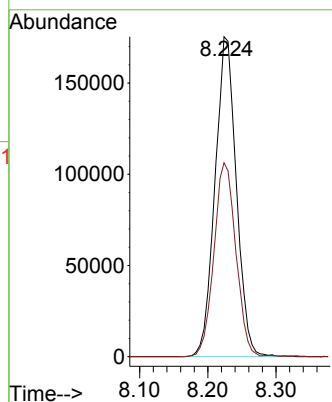
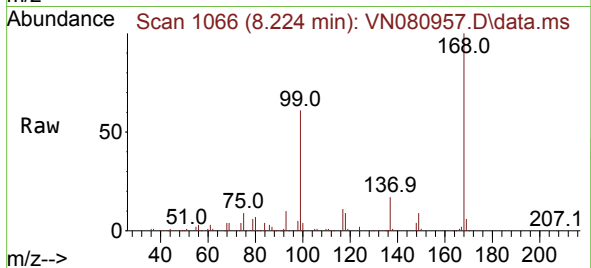
ClientSampleId :

Tgt Ion:168 Resp: 381986

Ion Ratio Lower Upper

168 100

99 60.6 59.9 89.9



#3

Chloromethane

Concen: Below Cal

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN080957.D

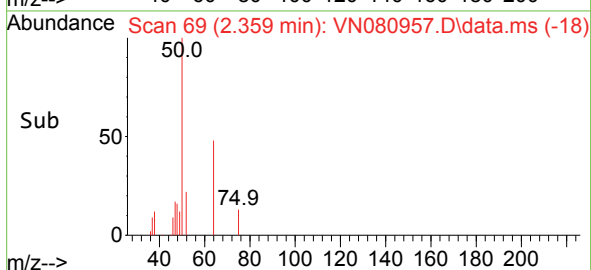
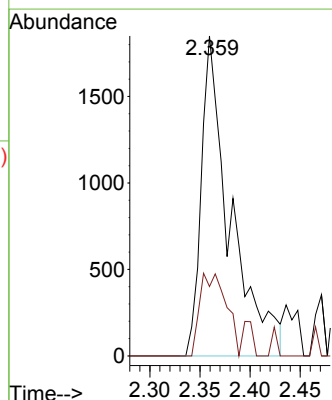
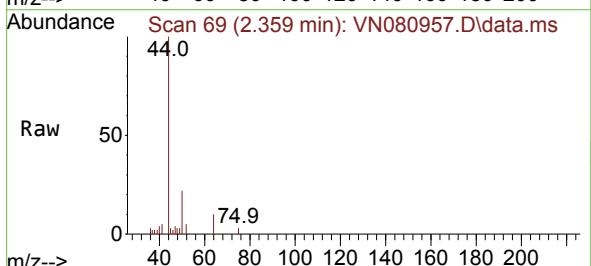
Acq: 08 Feb 2024 12:34

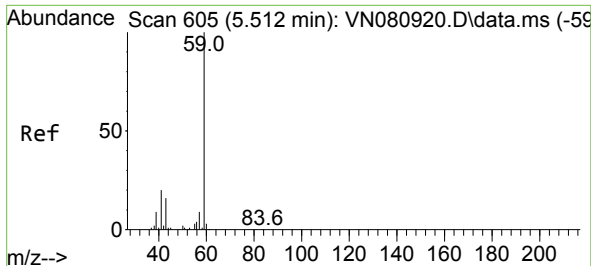
Tgt Ion: 50 Resp: 3704

Ion Ratio Lower Upper

50 100

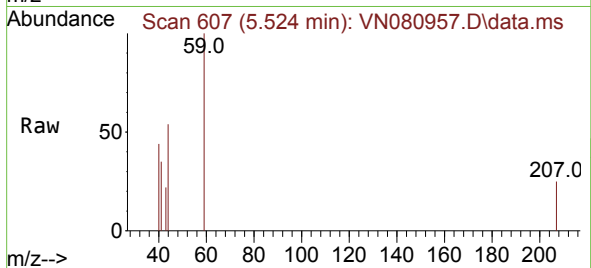
52 21.7 25.0 37.4#



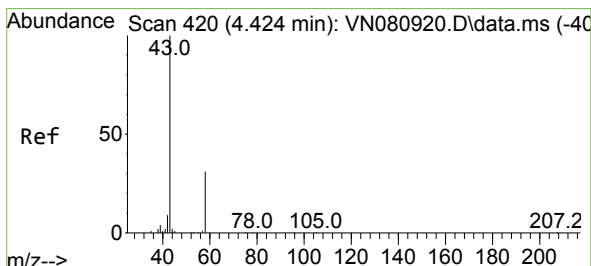
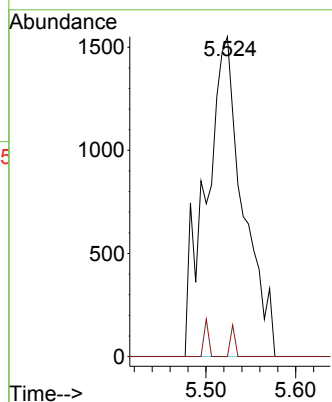
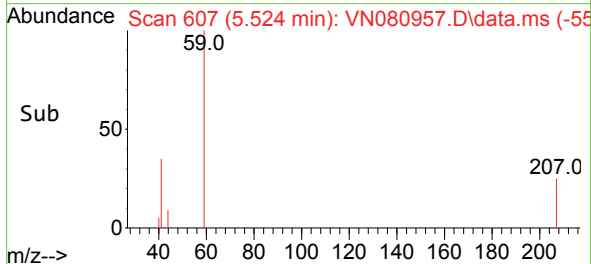


#11
Tert butyl alcohol
Concen: 6.701 ug/l
RT: 5.524 min Scan# 605
Delta R.T. 0.012 min
Lab File: VN080957.D
Acq: 08 Feb 2024 12:34

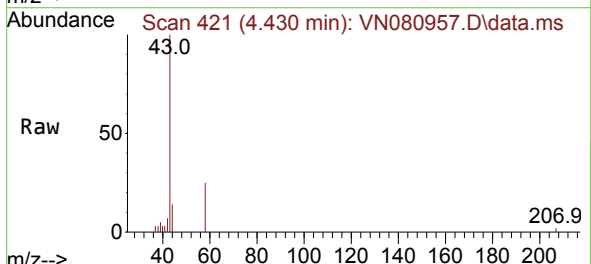
Instrument :
MSVOA_N
ClientSampleId :



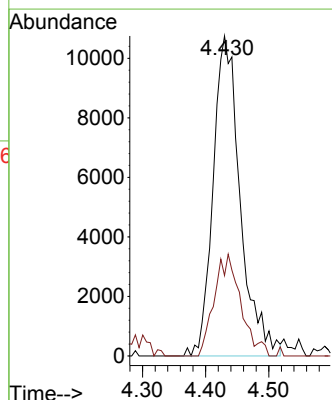
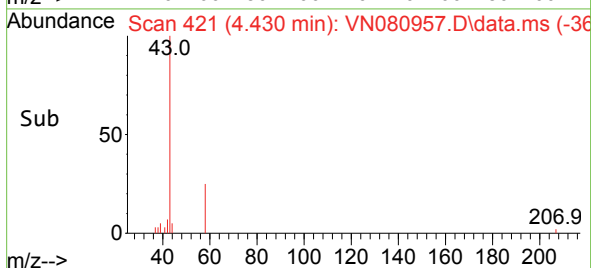
Tgt Ion: 59 Resp: 4449
Ion Ratio Lower Upper
59 100
57 1.2 8.6 12.8#

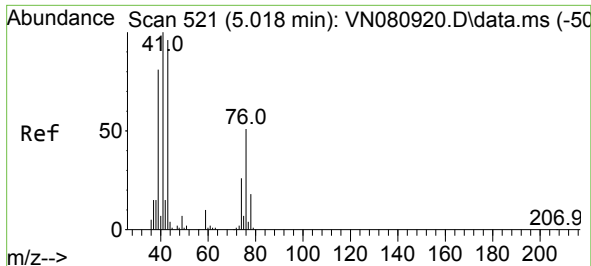


#16
Acetone
Concen: 20.243 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080957.D
Acq: 08 Feb 2024 12:34



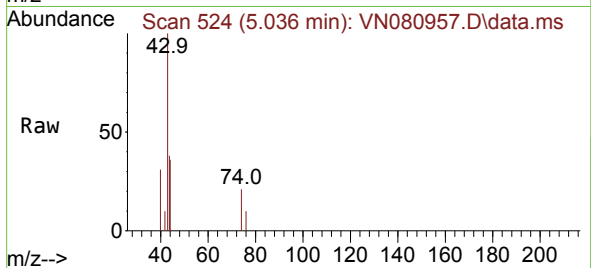
Tgt Ion: 43 Resp: 32093
Ion Ratio Lower Upper
43 100
58 25.2 24.8 37.2



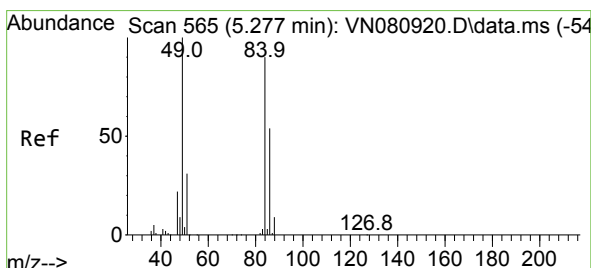
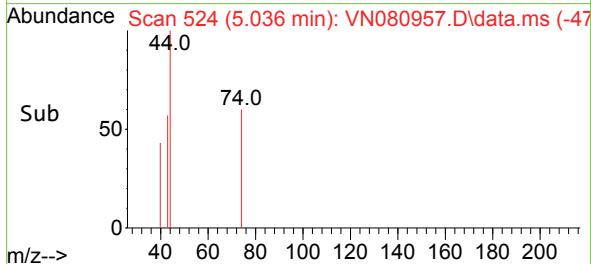
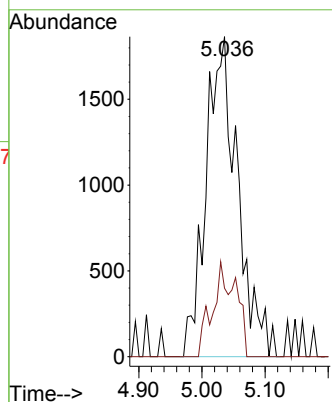


#18
Methyl Acetate
Concen: Below Cal
RT: 5.036 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN080957.D
Acq: 08 Feb 2024 12:34

Instrument :
MSVOA_N
ClientSampleId :

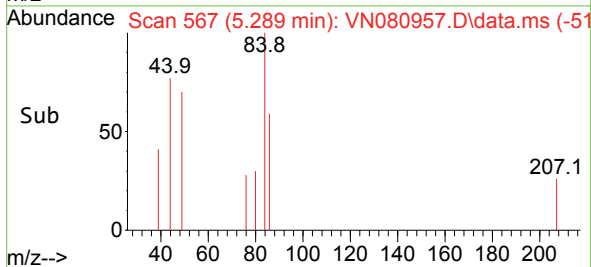
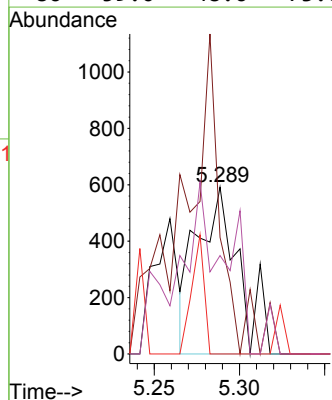
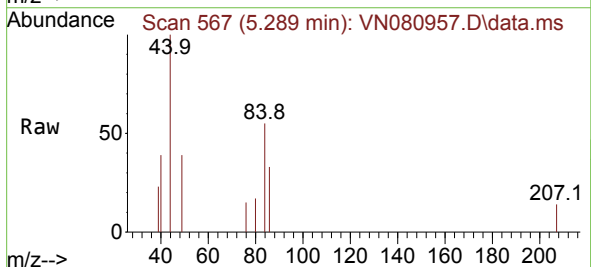


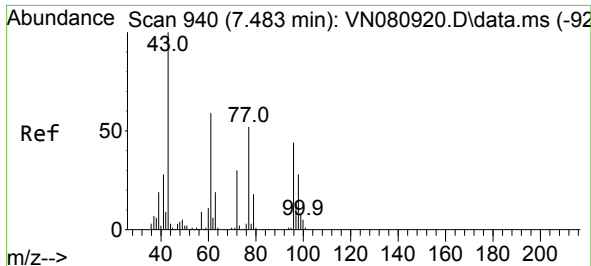
Tgt Ion: 43 Resp: 6492
Ion Ratio Lower Upper
43 100
74 5.5 17.3 25.9#



#20
Methylene Chloride
Concen: 0.210 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.012 min
Lab File: VN080957.D
Acq: 08 Feb 2024 12:34

Tgt Ion: 84 Resp: 1011
Ion Ratio Lower Upper
84 100
49 69.9 108.1 162.1#
51 0.0 32.9 49.3#
86 59.0 48.6 73.0

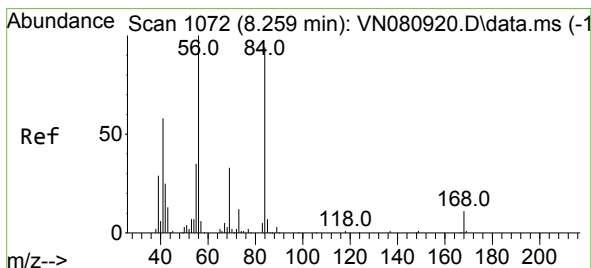
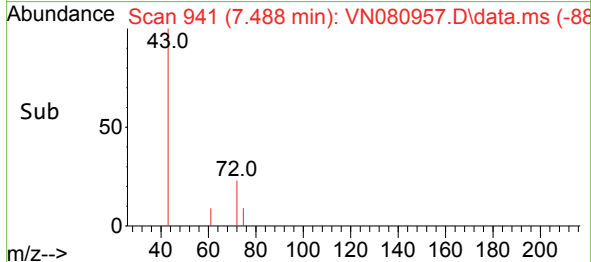
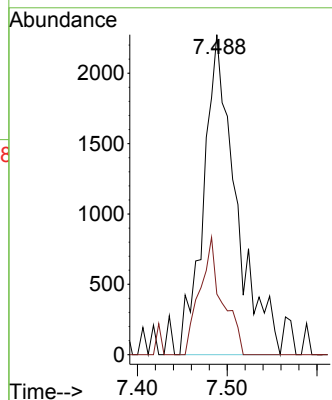
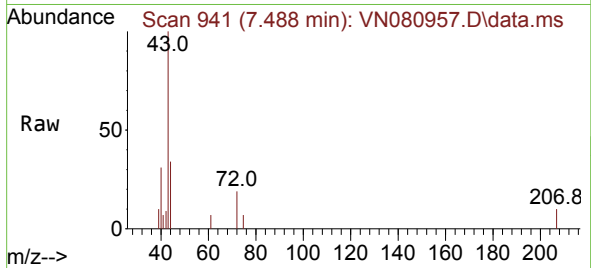




#25
2-Butanone
Concen: 2.255 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN080957.D
Acq: 08 Feb 2024 12:34

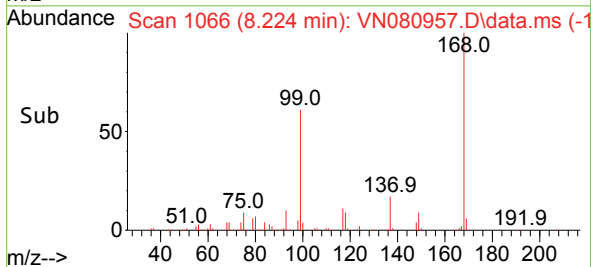
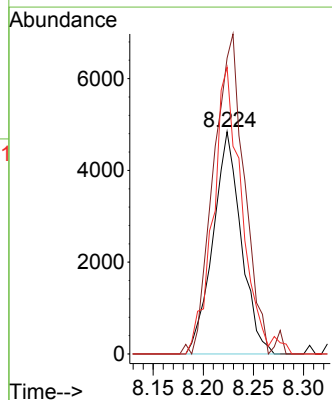
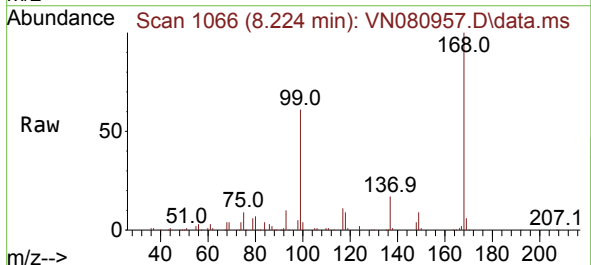
Instrument :
MSVOA_N
ClientSampleId :

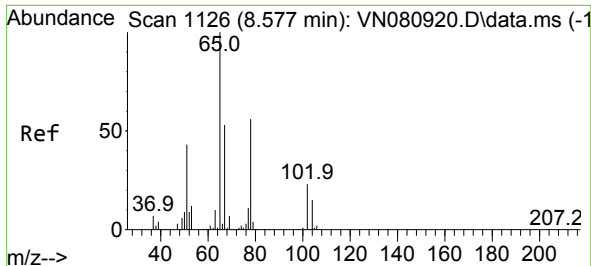
Tgt Ion: 43 Resp: 5739
Ion Ratio Lower Upper
43 100
72 19.0 19.5 29.3#



#31
Cyclohexane
Concen: 1.436 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN080957.D
Acq: 08 Feb 2024 12:34

Tgt Ion: 56 Resp: 9458
Ion Ratio Lower Upper
56 100
69 133.1 20.1 30.1#
84 129.0 56.9 85.3#





#33

1,2-Dichloroethane-d4

Concen: 50.467 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN080957.D

Acq: 08 Feb 2024 12:34

Instrument :

MSVOA_N

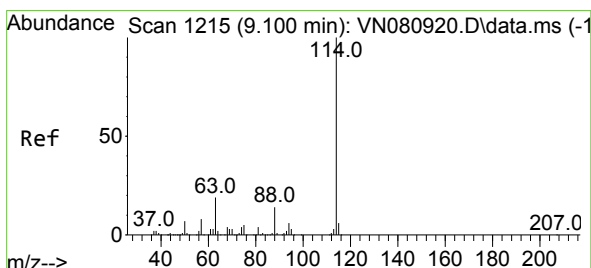
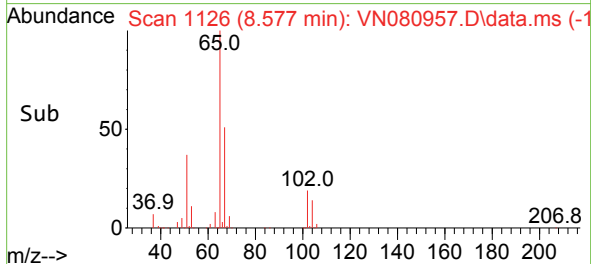
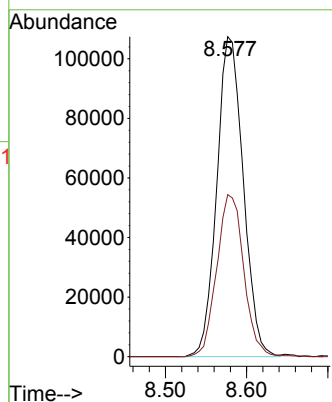
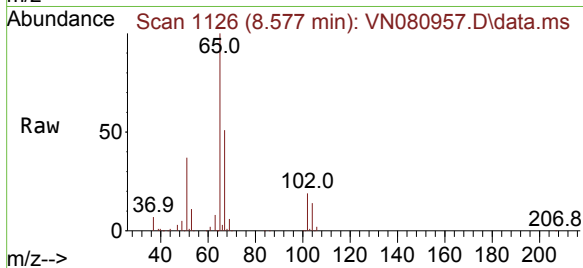
ClientSampleId :

Tgt Ion: 65 Resp: 243187

Ion Ratio Lower Upper

65 100

67 51.8 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN080957.D

Acq: 08 Feb 2024 12:34

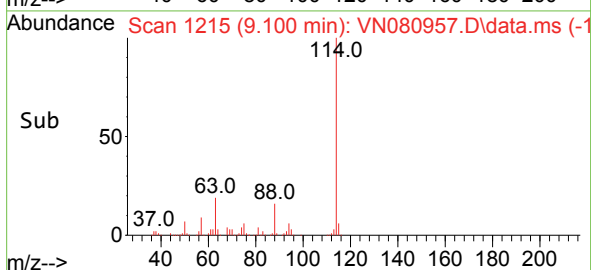
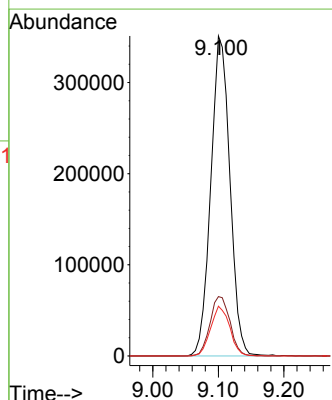
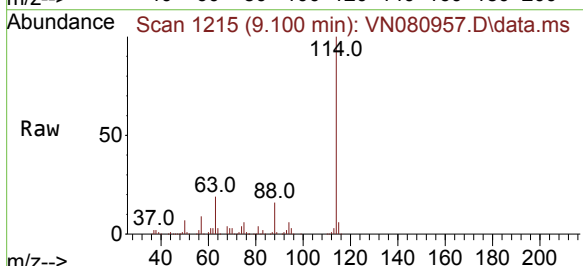
Tgt Ion: 114 Resp: 710395

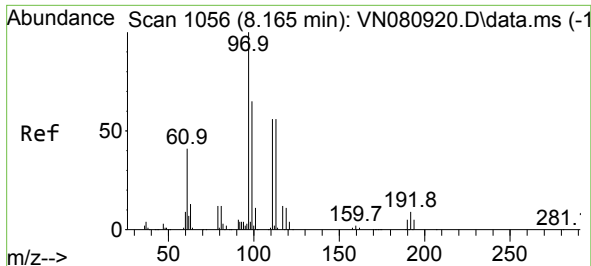
Ion Ratio Lower Upper

114 100

63 18.6 0.0 48.0

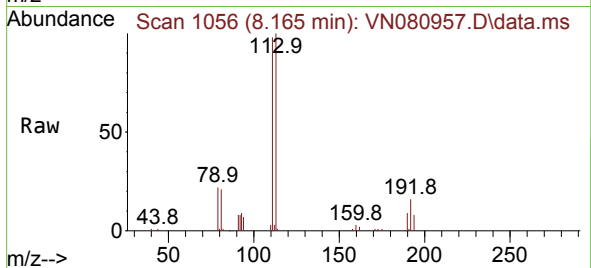
88 15.5 0.0 34.8



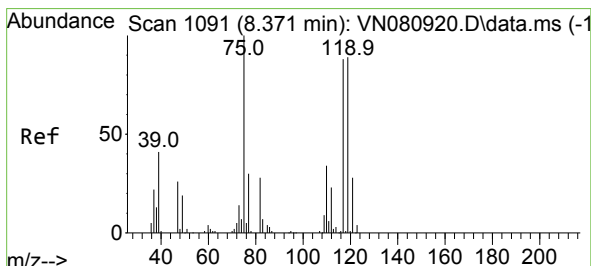
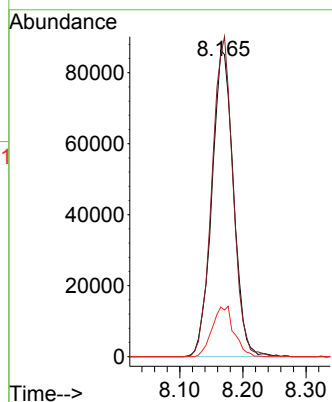
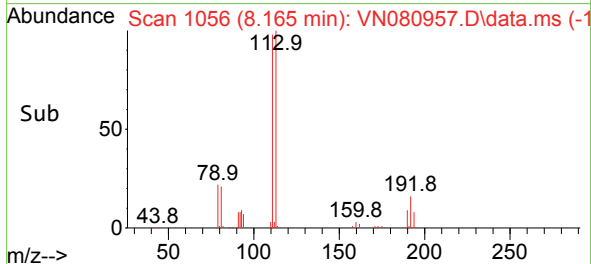


#35
Dibromofluoromethane
Concen: 53.867 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN080957.D
Acq: 08 Feb 2024 12:34

Instrument :
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ClientSampleId :

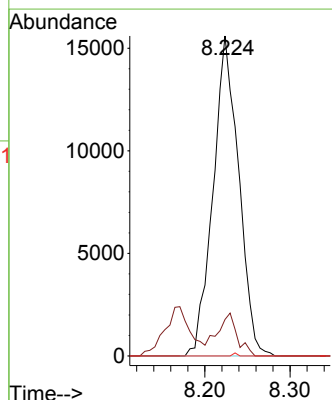
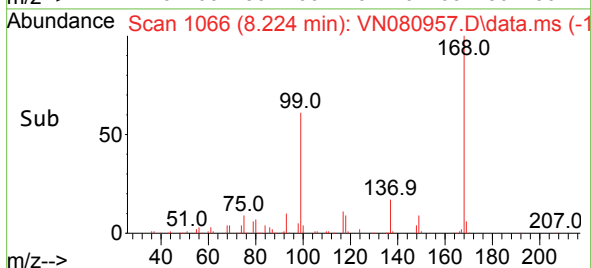
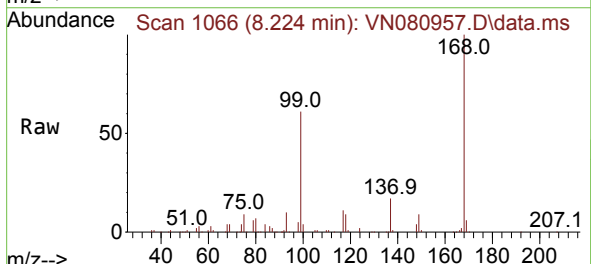


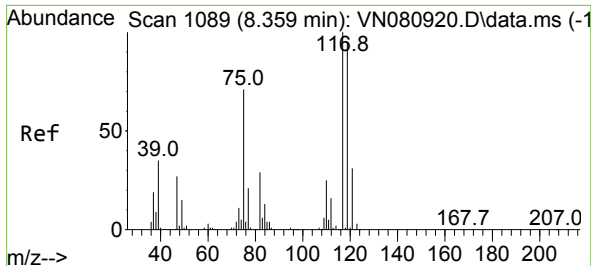
Tgt Ion:113 Resp: 205338
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.4
192 16.6 12.5 18.7



#36
1,1-Dichloropropene
Concen: 5.744 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN080957.D
Acq: 08 Feb 2024 12:34

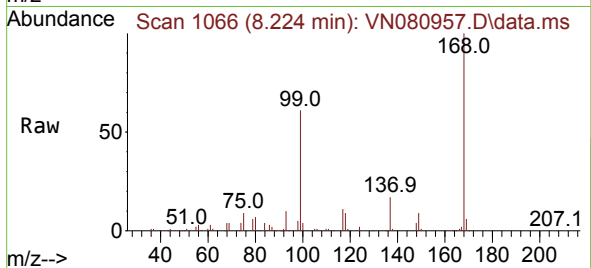
Tgt Ion: 75 Resp: 32572
Ion Ratio Lower Upper
75 100
110 10.5 16.0 48.0#
77 0.2 25.8 38.6#



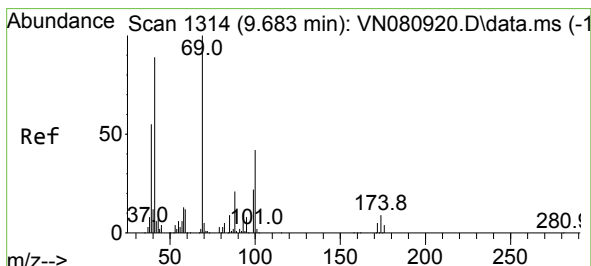
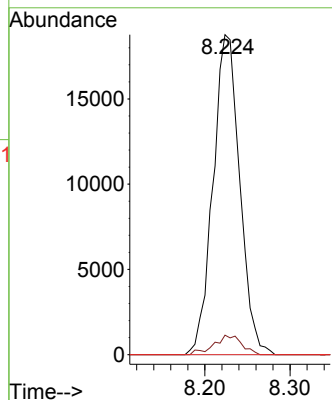
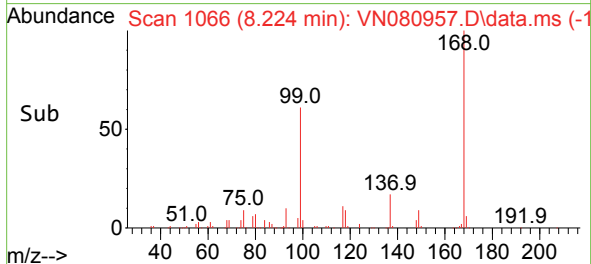


#38
Carbon Tetrachloride
Concen: 7.032 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN080957.D
Acq: 08 Feb 2024 12:34

Instrument :
MSVOA_N
ClientSampleId :

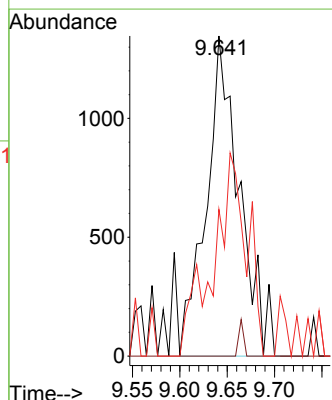
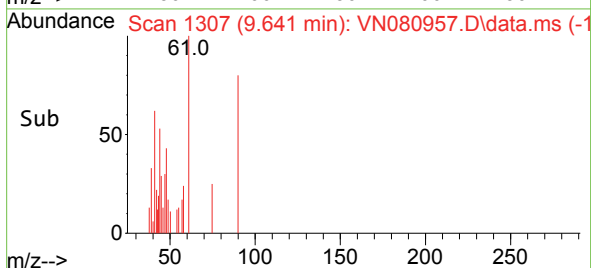
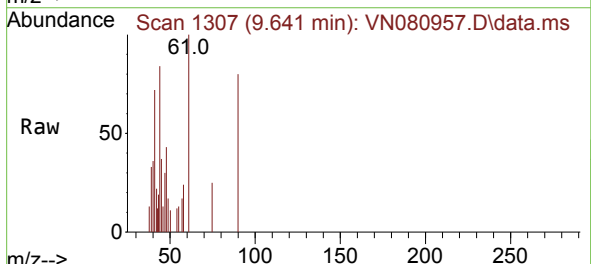


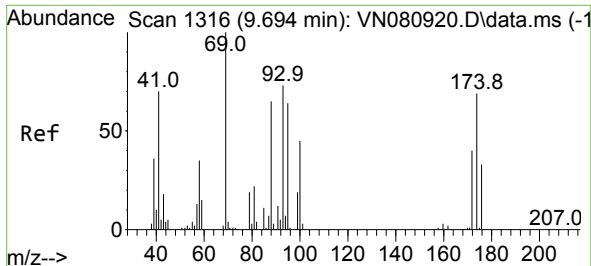
Tgt Ion:117 Resp: 40882
Ion Ratio Lower Upper
117 100
119 6.1 73.4 110.2#
121 0.0 24.4 36.6#



#48
Methyl methacrylate
Concen: 0.740 ug/l
RT: 9.641 min Scan# 1307
Delta R.T. -0.041 min
Lab File: VN080957.D
Acq: 08 Feb 2024 12:34

Tgt Ion: 41 Resp: 3288
Ion Ratio Lower Upper
41 100
69 0.0 62.2 93.2#
39 0.0 47.6 71.4#





#49

1,4-Dioxane

Concen: 0.889 ug/l

RT: 9.688 min Scan# 11

Delta R.T. -0.006 min

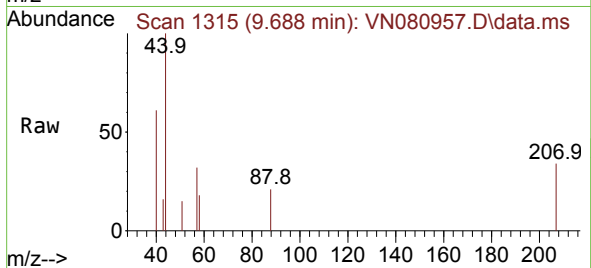
Lab File: VN080957.D

Acq: 08 Feb 2024 12:34

Instrument :

MSVOA_N

ClientSampleId :



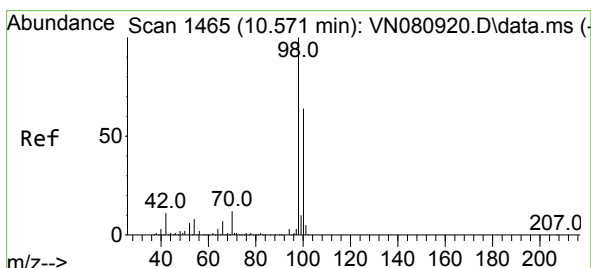
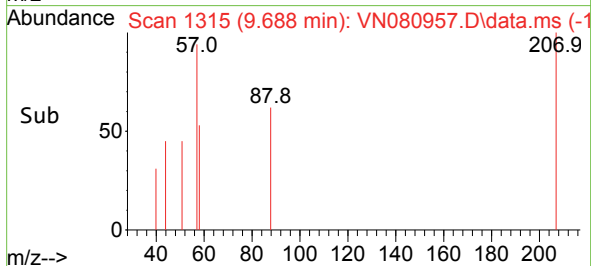
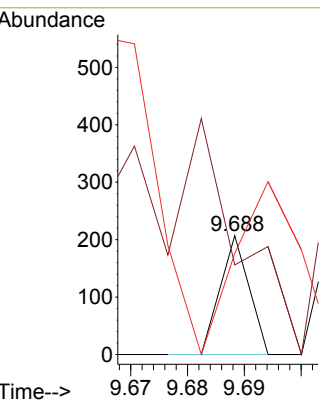
Tgt Ion: 88 Resp: 73

Ion Ratio Lower Upper

88 100

43 0.0 30.1 45.1#

58 317.8 63.9 95.9#



#50

Toluene-d8

Concen: 49.475 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN080957.D

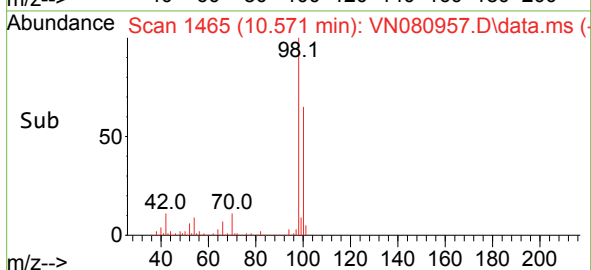
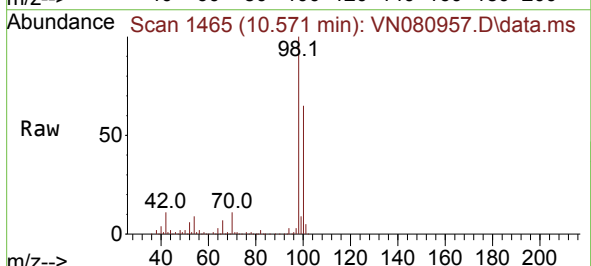
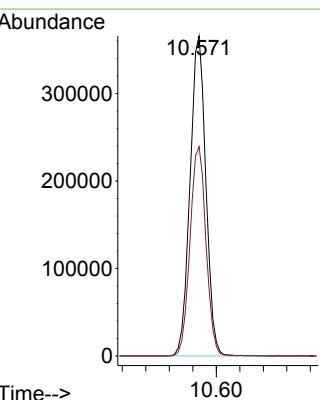
Acq: 08 Feb 2024 12:34

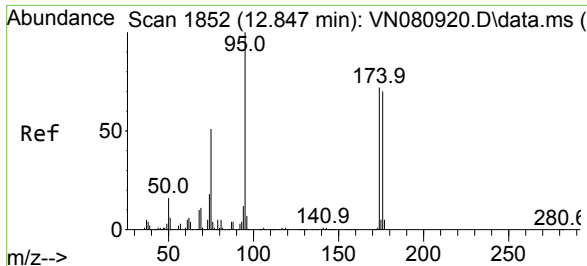
Tgt Ion: 98 Resp: 682172

Ion Ratio Lower Upper

98 100

100 66.0 51.4 77.0

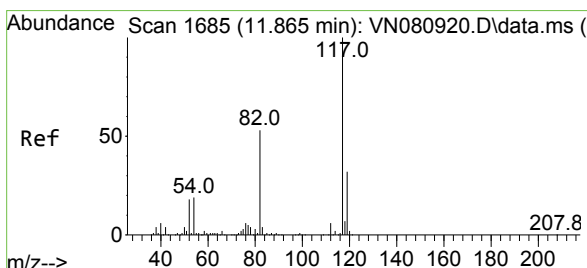
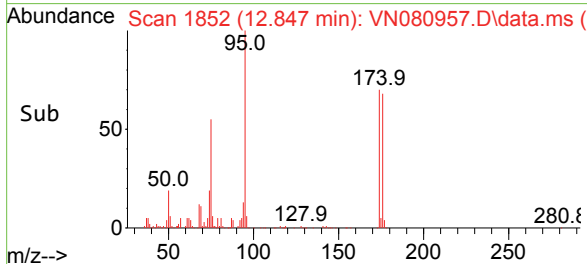
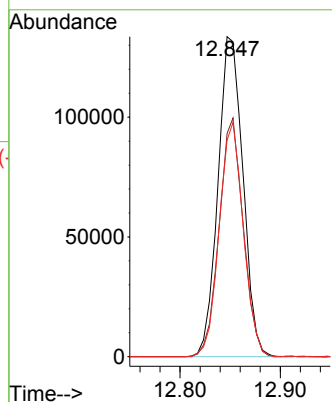
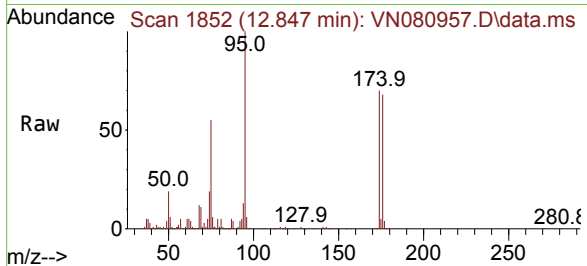




#62
4-Bromofluorobenzene
Concen: 46.098 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080957.D
Acq: 08 Feb 2024 12:34

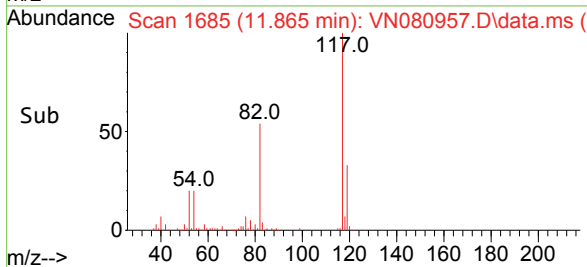
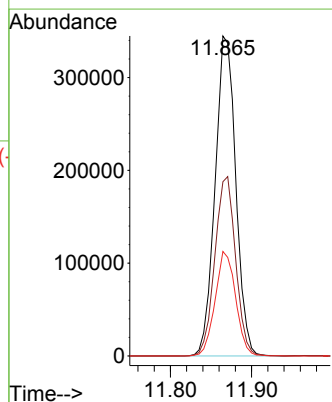
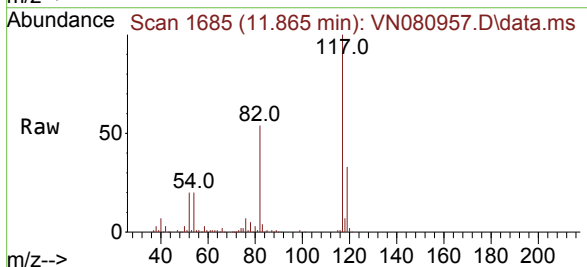
Instrument :
MSVOA_N
ClientSampleId :

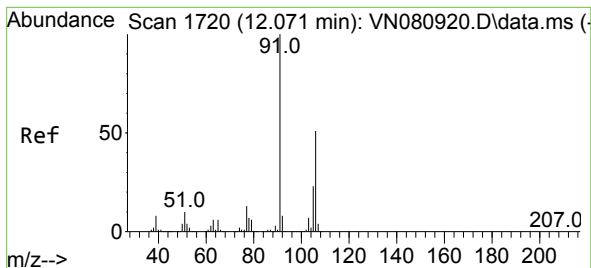
Tgt Ion: 95 Resp: 230903
Ion Ratio Lower Upper
95 100
174 71.8 0.0 120.4
176 70.6 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN080957.D
Acq: 08 Feb 2024 12:34

Tgt Ion: 117 Resp: 611056
Ion Ratio Lower Upper
117 100
82 54.4 52.7 79.1
119 32.6 25.3 37.9





#68

m/p-Xylenes

Concen: 0.288 ug/l

RT: 12.065 min Scan# 1719

Delta R.T. -0.006 min

Lab File: VN080957.D

Acq: 08 Feb 2024 12:34

Instrument :

MSVOA_N

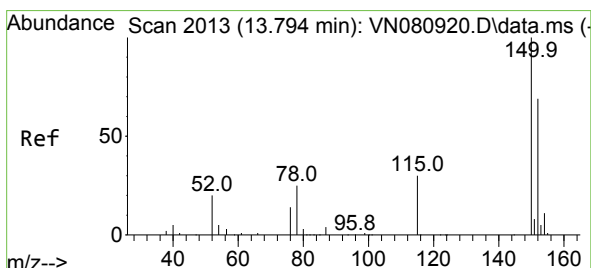
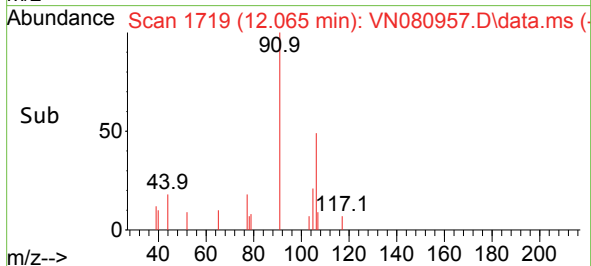
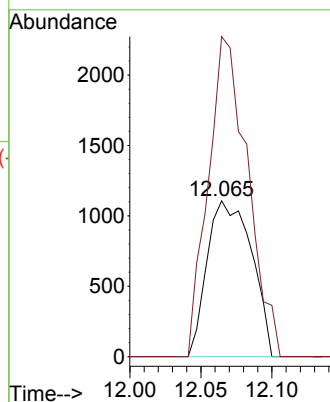
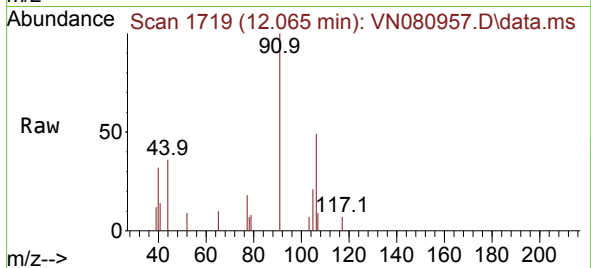
ClientSampleId :

Tgt Ion:106 Resp: 2410

Ion Ratio Lower Upper

106 100

91 182.3 169.0 253.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN080957.D

Acq: 08 Feb 2024 12:34

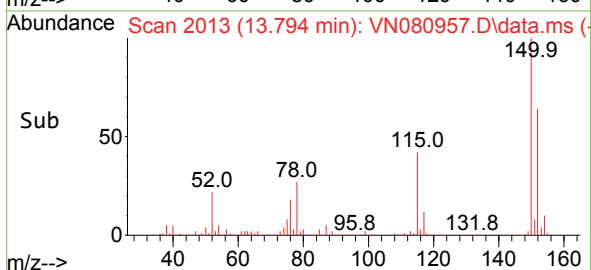
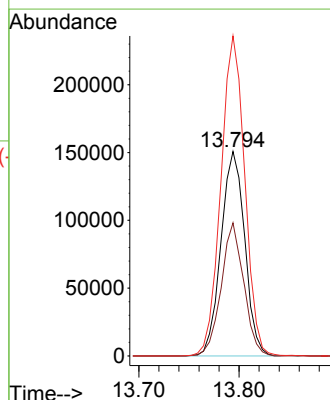
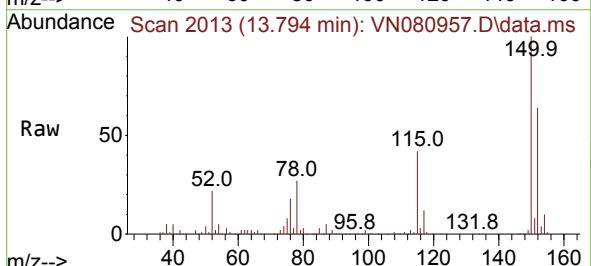
Tgt Ion:152 Resp: 248137

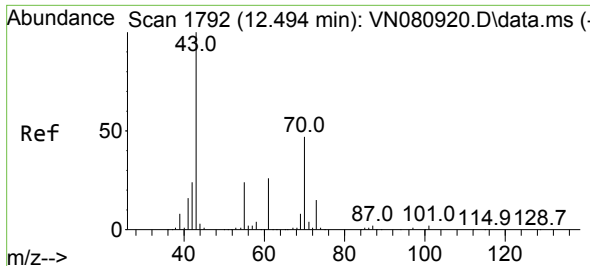
Ion Ratio Lower Upper

152 100

115 61.8 32.3 96.8

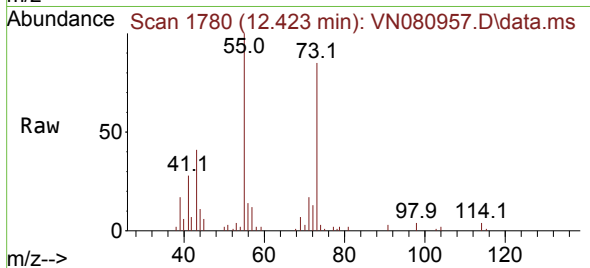
150 157.5 0.0 339.8



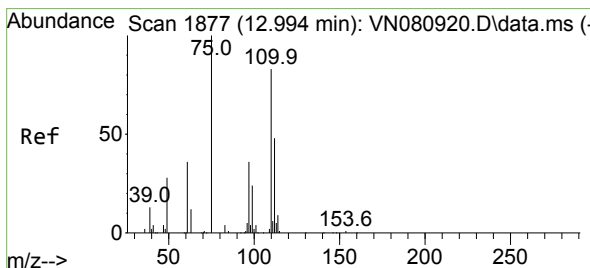
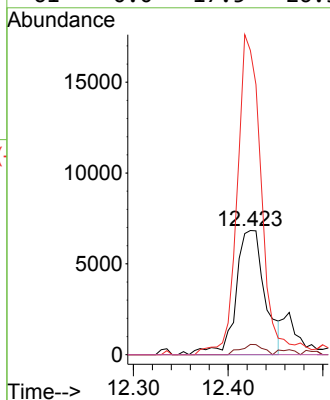
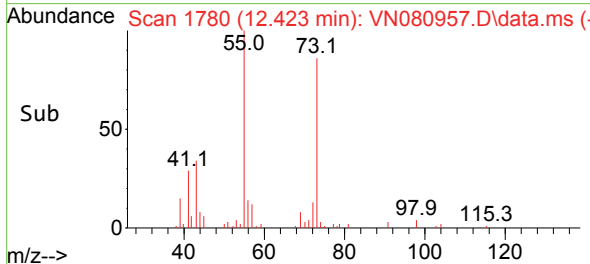


#74
N-amy1 acetate
Concen: 2.093 ug/l
RT: 12.423 min Scan# 11
Delta R.T. -0.071 min
Lab File: VN080957.D
Acq: 08 Feb 2024 12:34

Instrument :
MSVOA_N
ClientSampleId :

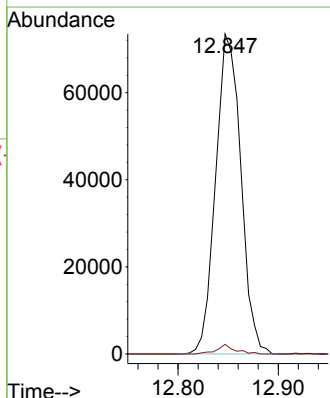
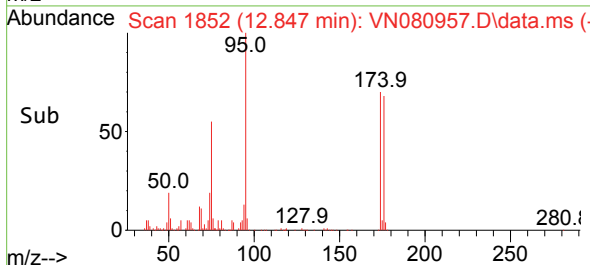
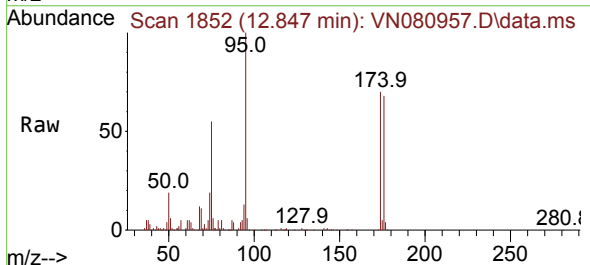


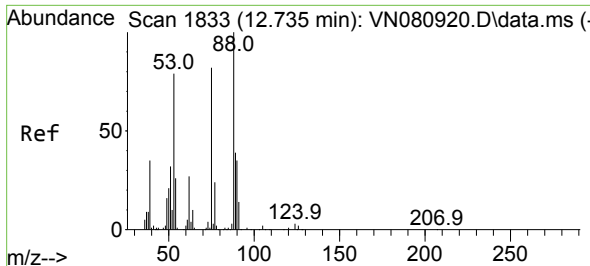
Tgt Ion: 43	Resp: 14559
Ion Ratio	Lower Upper
43 100	
70 6.3	30.1 45.1#
55 214.8	17.0 25.4#
61 0.0	17.5 26.3#



#76
1,2,3-Trichloropropane
Concen: 25.347 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN080957.D
Acq: 08 Feb 2024 12:34

Tgt Ion: 75	Resp: 128242
Ion Ratio	Lower Upper
75 100	
77 2.1	91.0 272.8#

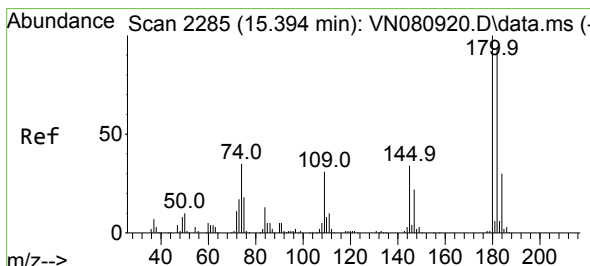
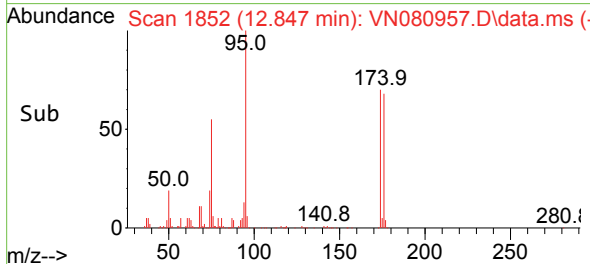
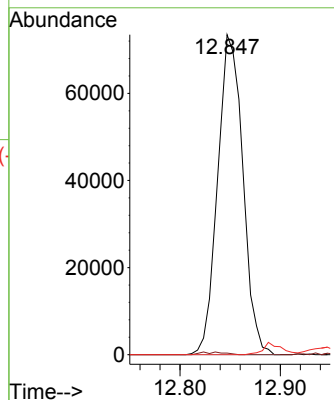
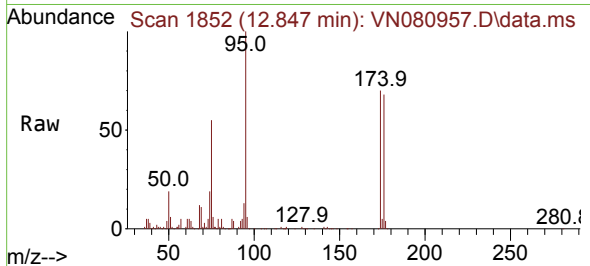




#81
trans-1,4-Dichloro-2-butene
Concen: 68.866 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN080957.D
Acq: 08 Feb 2024 12:34

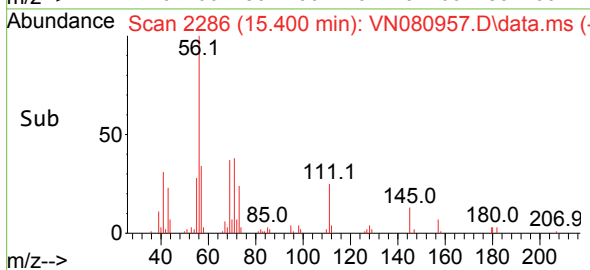
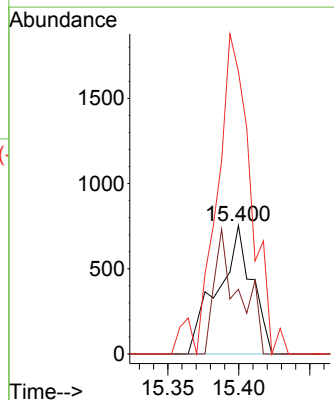
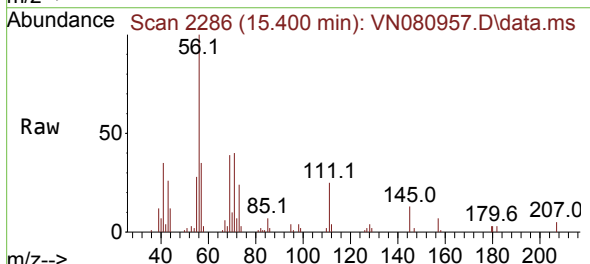
Instrument :
MSVOA_N
ClientSampleId :

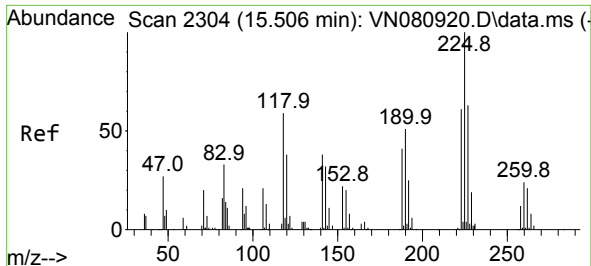
Tgt Ion: 75 Resp: 128242
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 33.4 50.0#



#93
1,2,4-Trichlorobenzene
Concen: 0.308 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. 0.006 min
Lab File: VN080957.D
Acq: 08 Feb 2024 12:34

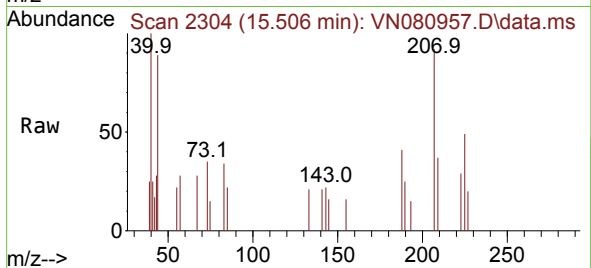
Tgt Ion:180 Resp: 1267
Ion Ratio Lower Upper
180 100
182 69.6 46.6 139.7
145 249.2 16.8 50.3#



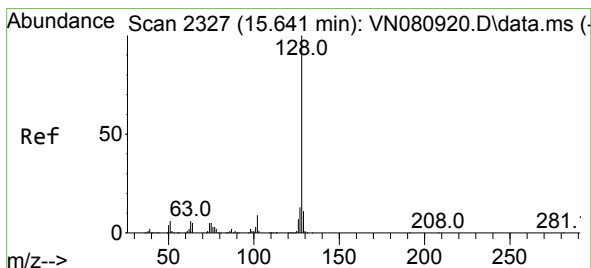
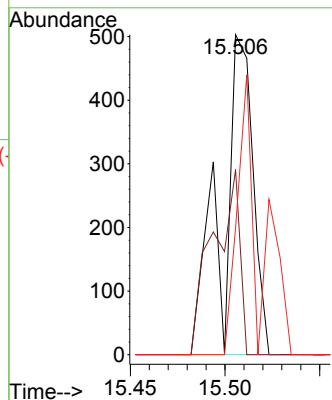
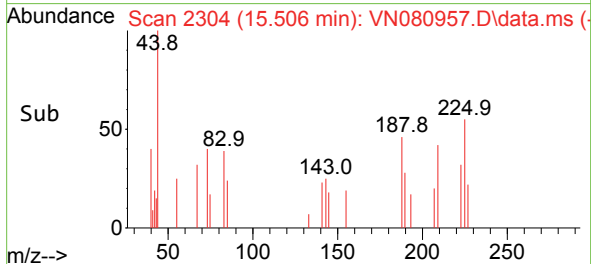


#94
Hexachlorobutadiene
Concen: 0.314 ug/l
RT: 15.506 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN080957.D
Acq: 08 Feb 2024 12:34

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	225	Resp:	560
Ion Ratio	Lower	Upper	
225	100		
223	50.9	33.3	99.8
227	65.2	33.1	99.2



#95
Naphthalene
Concen: 0.330 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.006 min
Lab File: VN080957.D
Acq: 08 Feb 2024 12:34

Tgt Ion:	128	Resp:	4480
Ion Ratio	Lower	Upper	
128	100		
127	6.6	10.0	15.0#
129	11.5	8.7	13.1

