

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012624\
 Data File : VN080771.D
 Acq On : 26 Jan 2024 15:48
 Operator : JC\MD
 Sample : PB158617ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB158617ZHE#04

Quant Time: Jan 29 02:32:00 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	8.230	168	100008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	232180	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	249056	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	95112	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	79811	45.444	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.880%
35) Dibromofluoromethane	8.171	113	66242	50.214	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.420%
50) Toluene-d8	10.571	98	275376	54.745	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.500%
62) 4-Bromofluorobenzene	12.853	95	103994	53.912	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.820%
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	2103	0.499	ug/l #	74
6) Chloroethane	3.100	64	54	Below Cal	#	43
11) Tert butyl alcohol	5.512	59	2702	9.097	ug/l #	78
13) Acrolein	4.183	56	166	0.669	ug/l #	73
16) Acetone	4.436	43	20833	36.132	ug/l	96
17) Carbon Disulfide	4.700	76	1431	0.313	ug/l #	75
18) Methyl Acetate	5.030	43	2303	1.341	ug/l #	52
20) Methylene Chloride	5.271	84	4946	2.938	ug/l #	59
25) 2-Butanone	7.494	43	14563	13.973	ug/l #	60
29) Tetrahydrofuran	7.841	42	1191	1.695	ug/l #	65
31) Cyclohexane	8.218	56	3836	1.414	ug/l #	50
36) 1,1-Dichloropropene	8.224	75	10513	3.890	ug/l #	46
37) Ethyl Acetate	7.571	43	3877	1.480	ug/l #	73
38) Carbon Tetrachloride	8.230	117	12099	4.987	ug/l #	16
42) 1,2-Dichloroethane	8.682	62	848	0.292	ug/l #	73
43) Isopropyl Acetate	8.694	43	144441	29.988	ug/l #	79
45) 1,2-Dichloropropane	9.753	63	1028	0.510	ug/l #	45
48) Methyl methacrylate	9.659	41	4588	2.012	ug/l #	32
49) 1,4-Dioxane	9.735	88	57	2.006	ug/l #	1
51) 4-Methyl-2-Pentanone	10.453	43	7036	2.708	ug/l	96
52) Toluene	10.641	92	3131	0.719	ug/l	94
54) cis-1,3-Dichloropropene	10.365	75	46670	14.019	ug/l #	65
56) Ethyl methacrylate	10.988	69	838	0.279	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	5173	1.691	ug/l #	42
58) 2-Chloroethyl Vinyl ether	10.159	63	1728	1.202	ug/l #	57
59) 2-Hexanone	11.171	43	135965	70.879	ug/l #	19
65) Chlorobenzene	11.894	112	1167	0.214	ug/l	100
74) N-amyl acetate	12.459	43	5009	0.923	ug/l #	36
76) 1,2,3-Trichloropropane	12.853	75	59988	20.454	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	59988	48.218	ug/l #	15
85) sec-Butylbenzene	13.623	105	1716	0.200	ug/l #	66
87) 1,3-Dichlorobenzene	13.729	146	705	0.205	ug/l #	62
88) 1,4-Dichlorobenzene	13.829	146	734	0.210	ug/l #	25
89) n-Butylbenzene	14.053	91	1753	0.269	ug/l #	83
93) 1,2,4-Trichlorobenzene	15.400	180	719	0.427	ug/l #	74
95) Naphthalene	15.641	128	2526	0.381	ug/l #	93

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Quant Title : SW846 8260
QLast Update : Thu Jan 11 06:34:36 2024
Response via : Initial Calibration

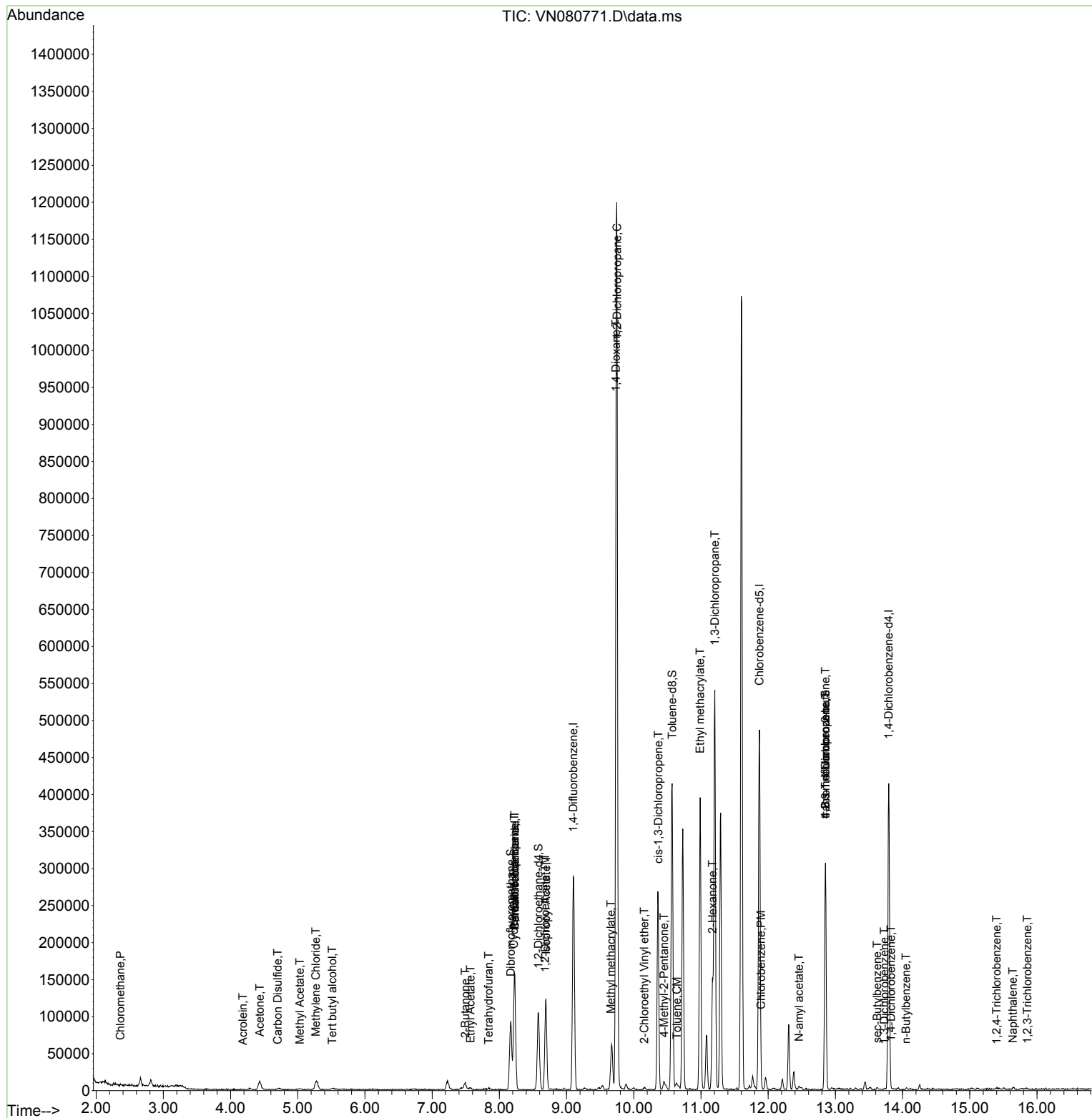
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.858	180	729	0.447	ug/l #	84

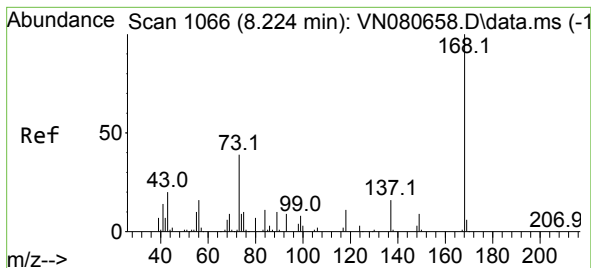
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 10

Delta R.T. 0.006 min

Lab File: VN080771.D

Acq: 26 Jan 2024 15:48

Instrument :

MSVOA_N

ClientSampleId :

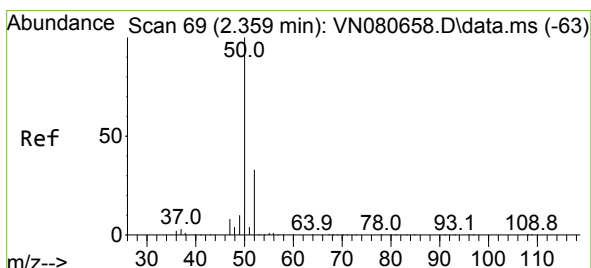
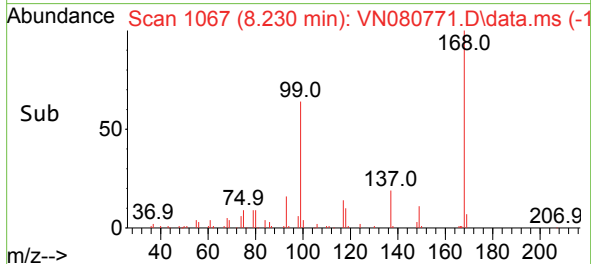
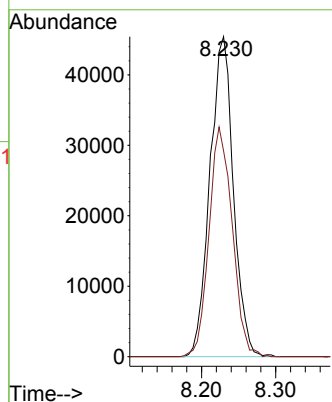
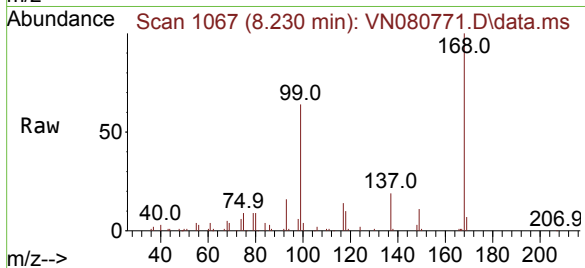
PB158617ZHE#04

Tgt Ion:168 Resp: 100008

Ion Ratio Lower Upper

168 100

99 64.4 53.0 79.6



#3

Chloromethane

Concen: 0.499 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN080771.D

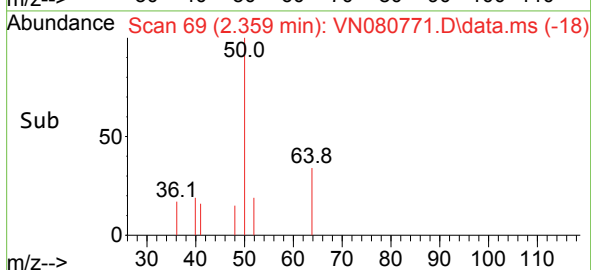
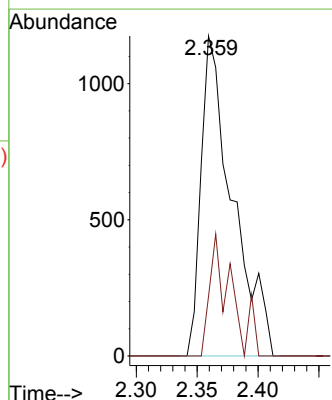
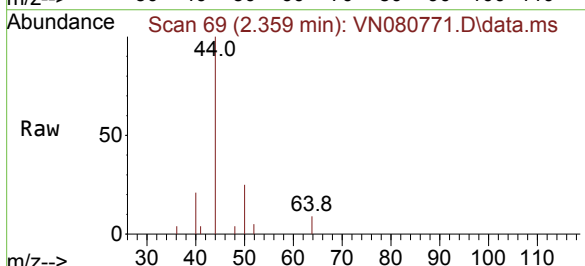
Acq: 26 Jan 2024 15:48

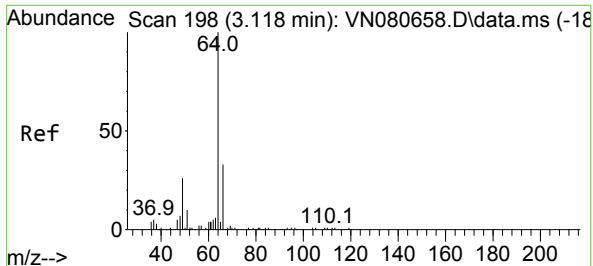
Tgt Ion: 50 Resp: 2103

Ion Ratio Lower Upper

50 100

52 18.6 26.5 39.7#

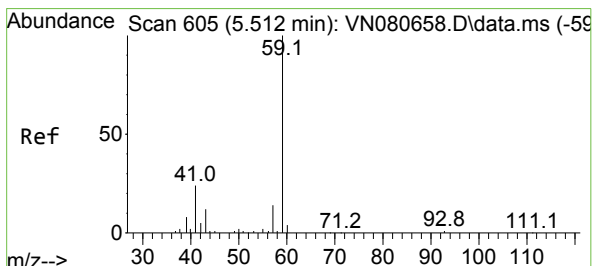
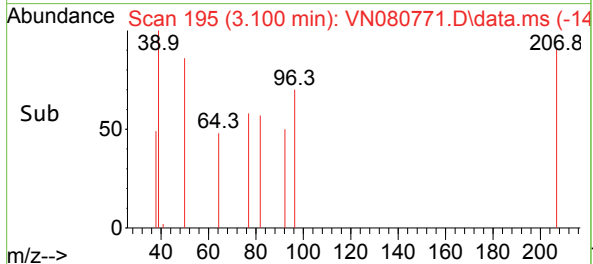
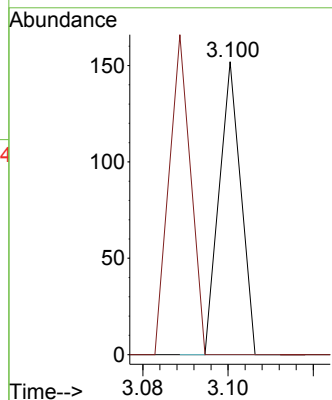
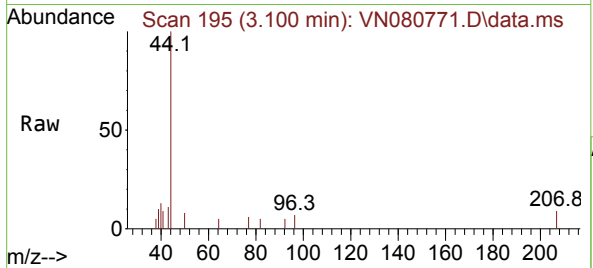




#6
Chloroethane
Concen: Below Cal
RT: 3.100 min Scan# 198
Delta R.T. -0.018 min
Lab File: VN080771.D
Acq: 26 Jan 2024 15:48

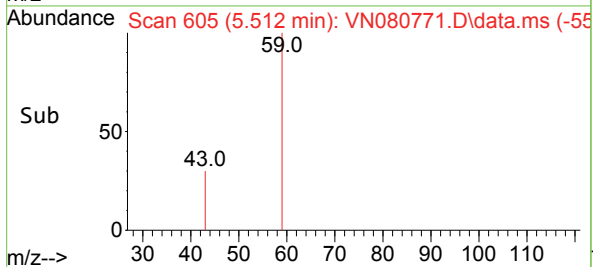
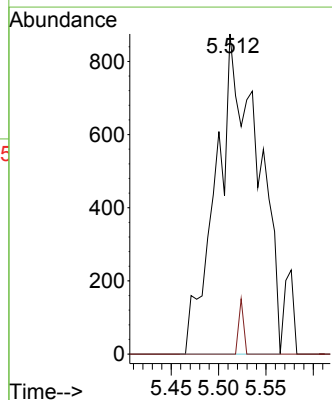
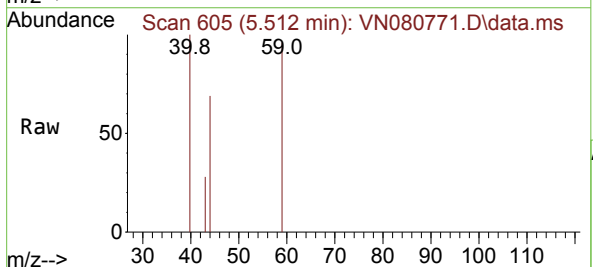
Instrument :
MSVOA_N
ClientSampleId :
PB158617ZHE#04

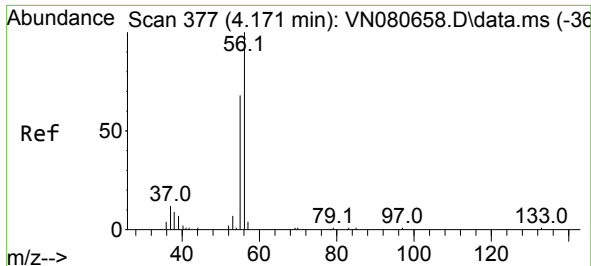
Tgt Ion: 64 Resp: 54
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#11
Tert butyl alcohol
Concen: 9.097 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN080771.D
Acq: 26 Jan 2024 15:48

Tgt Ion: 59 Resp: 2702
Ion Ratio Lower Upper
59 100
57 2.0 8.2 12.4#

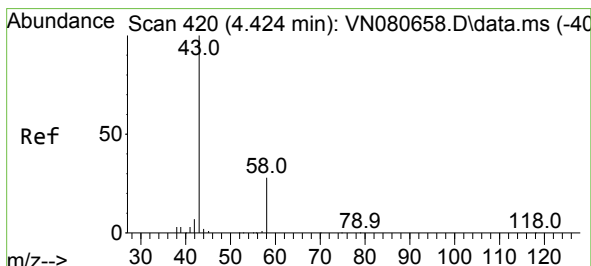
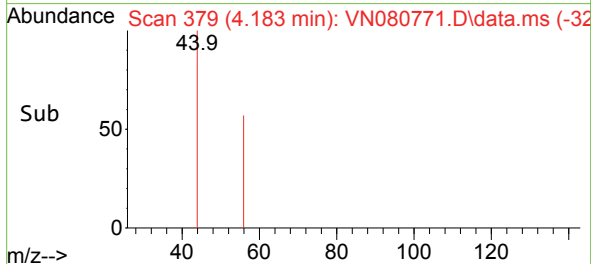
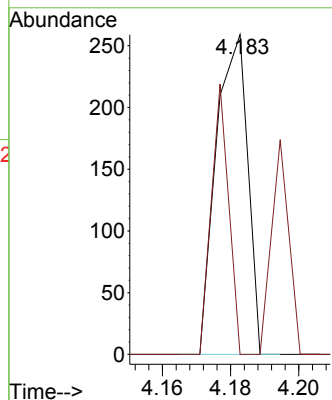
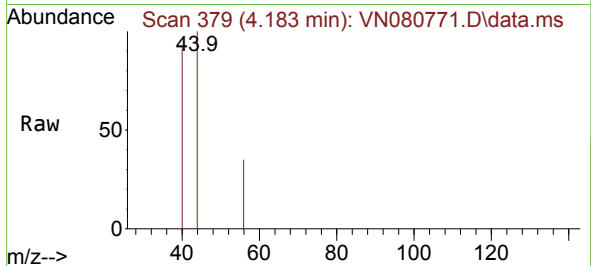




#13
Acrolein
Concen: 0.669 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN080771.D
Acq: 26 Jan 2024 15:48

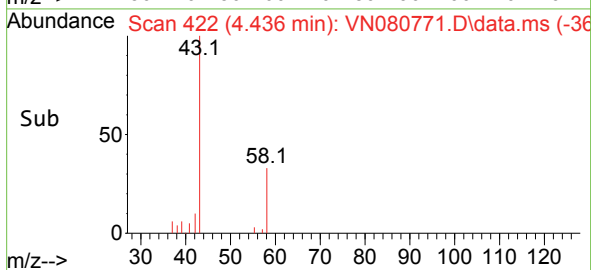
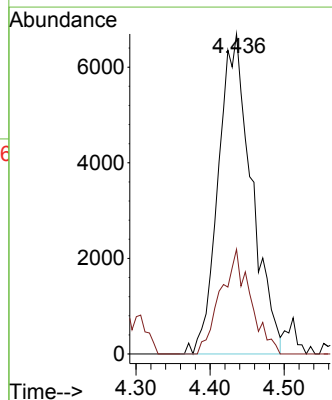
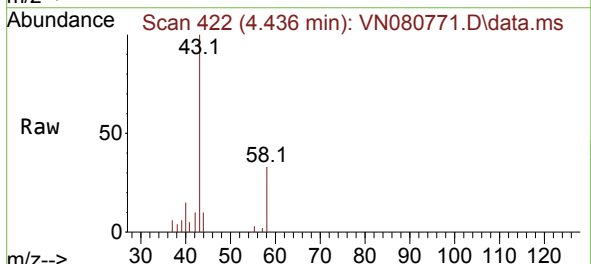
Instrument :
MSVOA_N
ClientSampleId :
PB158617ZHE#04

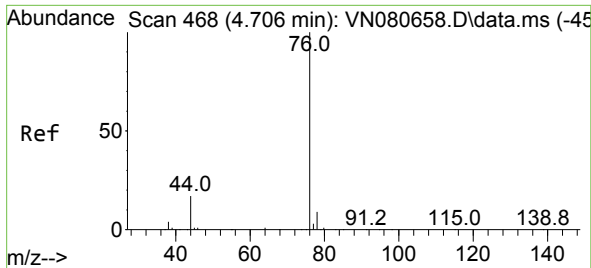
Tgt Ion: 56 Resp: 166
Ion Ratio Lower Upper
56 100
55 46.4 54.5 81.7#



#16
Acetone
Concen: 36.132 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN080771.D
Acq: 26 Jan 2024 15:48

Tgt Ion: 43 Resp: 20833
Ion Ratio Lower Upper
43 100
58 32.7 28.0 42.0

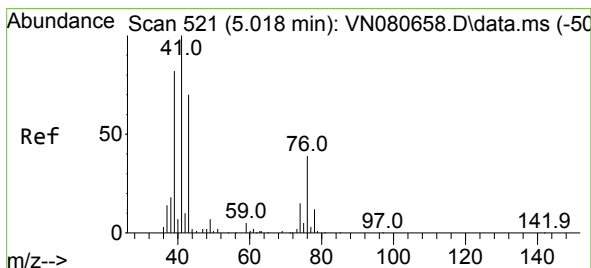
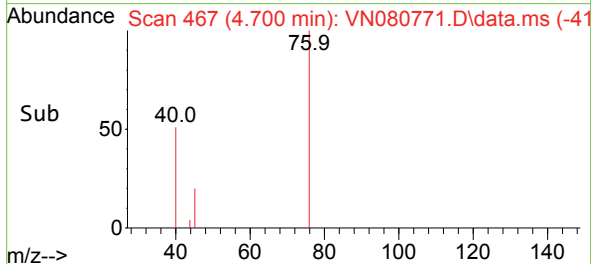
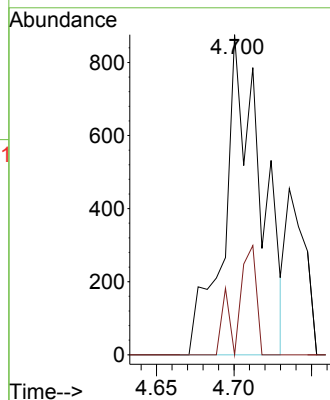
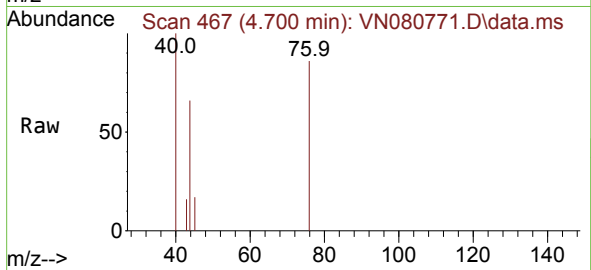




#17
Carbon Disulfide
Concen: 0.313 ug/l
RT: 4.700 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN080771.D
Acq: 26 Jan 2024 15:48

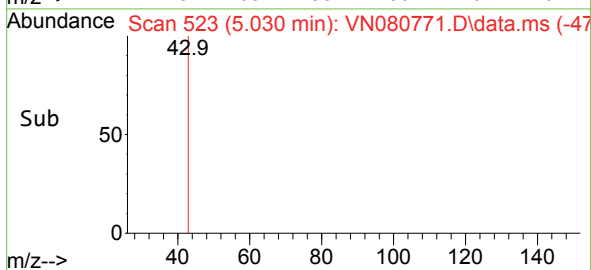
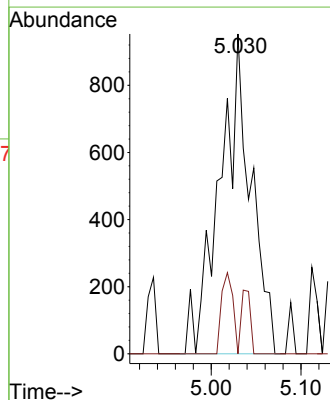
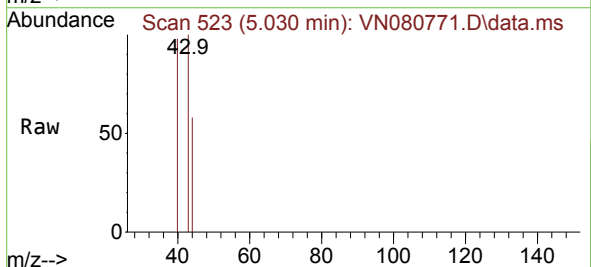
Instrument :
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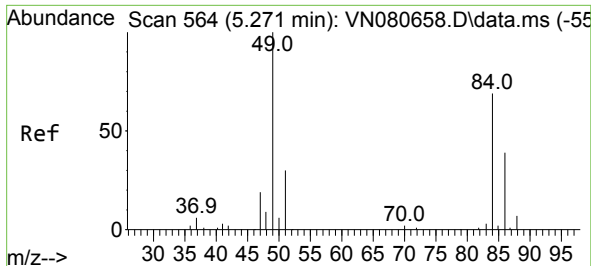
Tgt Ion: 76 Resp: 1431
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: 1.341 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN080771.D
Acq: 26 Jan 2024 15:48

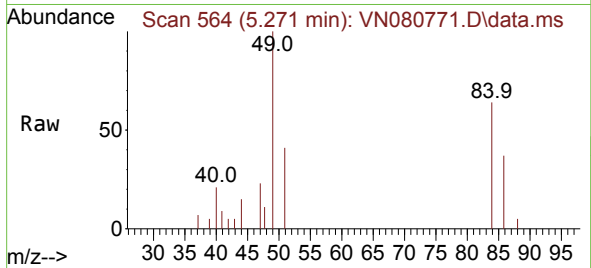
Tgt Ion: 43 Resp: 2303
Ion Ratio Lower Upper
43 100
74 5.8 26.2 39.4#



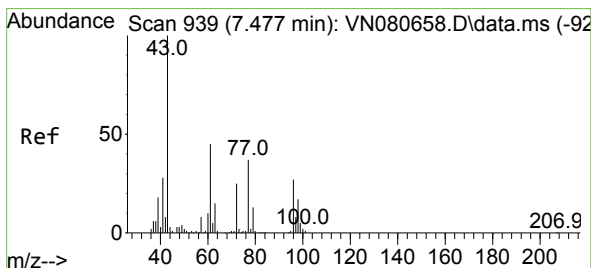
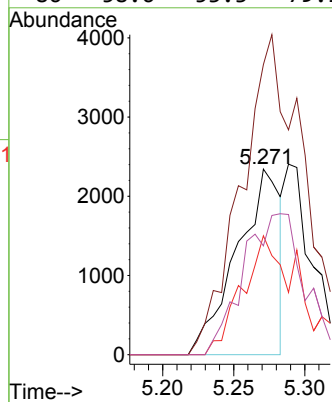
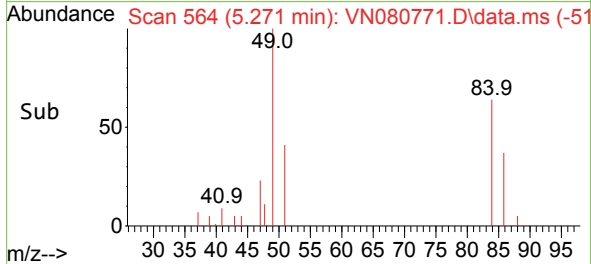


#20
Methylene Chloride
Concen: 2.938 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN080771.D
Acq: 26 Jan 2024 15:48

Instrument :
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ClientSampleId :
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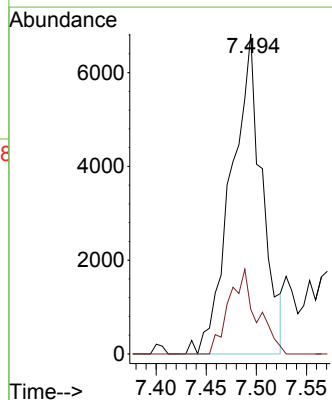
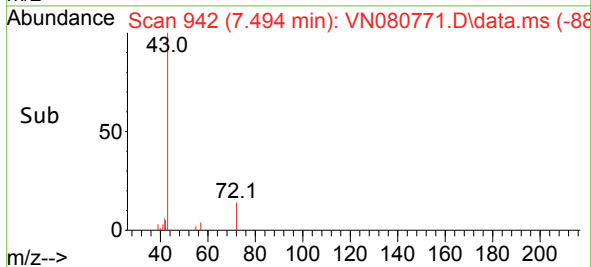
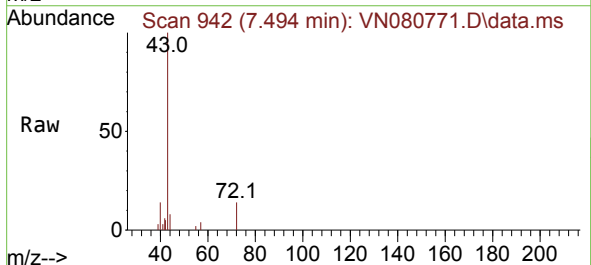


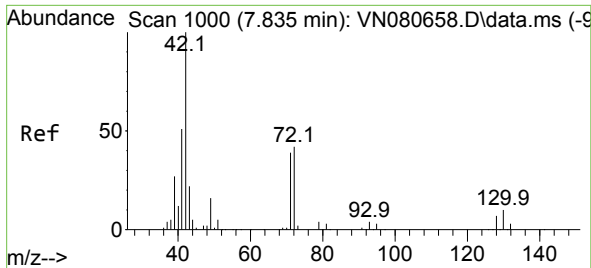
Tgt Ion:	84	Resp:	4946
Ion	Ratio	Lower	Upper
84	100		
49	156.3	79.7	119.5#
51	64.1	25.2	37.8#
86	58.6	53.3	79.9



#25
2-Butanone
Concen: 13.973 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.018 min
Lab File: VN080771.D
Acq: 26 Jan 2024 15:48

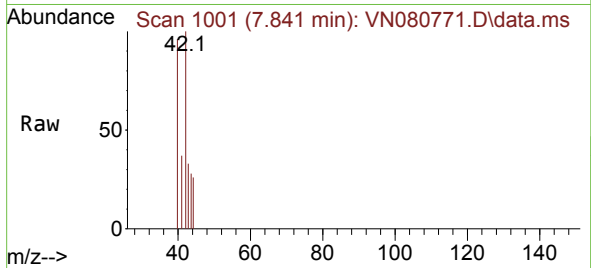
Tgt Ion:	43	Resp:	14563
Ion	Ratio	Lower	Upper
43	100		
72	14.0	30.2	45.2#



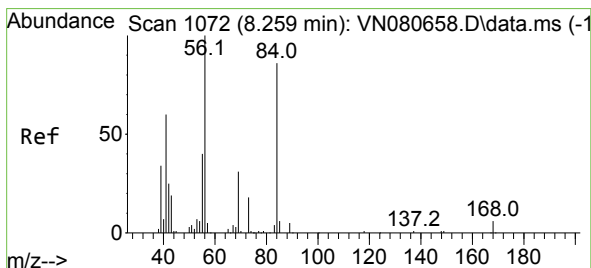
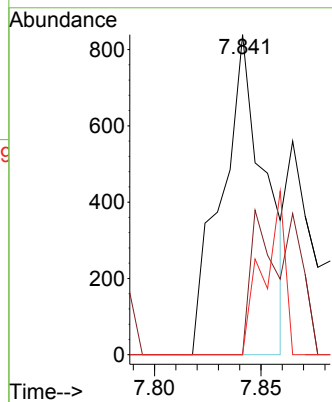
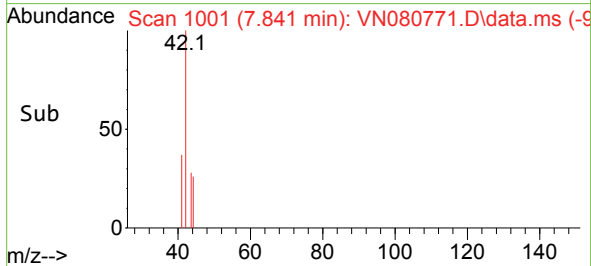


#29
Tetrahydrofuran
Concen: 1.695 ug/l
RT: 7.841 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VN080771.D
Acq: 26 Jan 2024 15:48

Instrument :
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PB158617ZHE#04

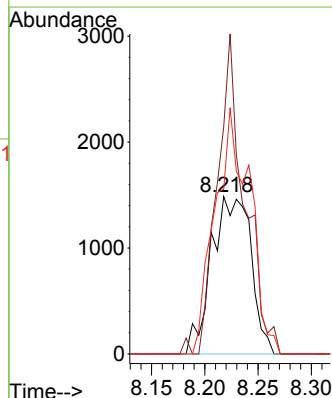
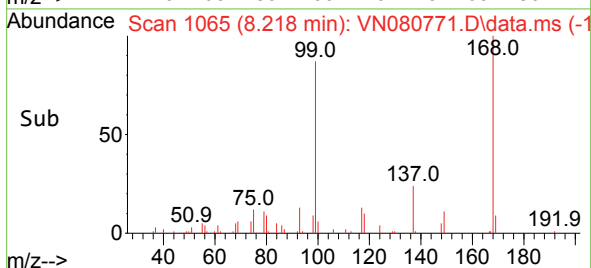
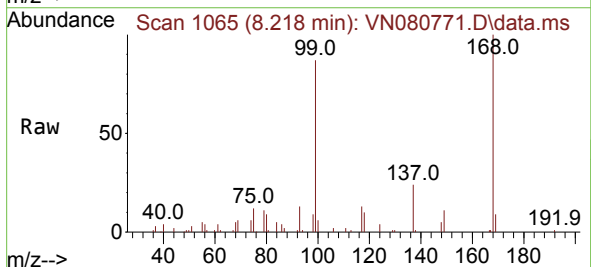


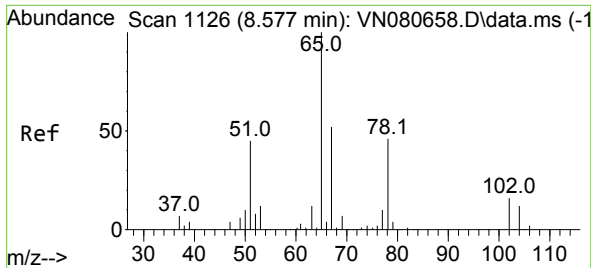
Tgt Ion: 42 Resp: 1191
Ion Ratio Lower Upper
42 100
72 42.1 49.8 74.6#
71 25.3 47.4 71.2#



#31
Cyclohexane
Concen: 1.414 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN080771.D
Acq: 26 Jan 2024 15:48

Tgt Ion: 56 Resp: 3836
Ion Ratio Lower Upper
56 100
69 144.3 26.8 40.2#
84 104.6 81.8 122.6





#33

1,2-Dichloroethane-d4

Concen: 45.444 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN080771.D

Acq: 26 Jan 2024 15:48

Instrument :

MSVOA_N

ClientSampleId :

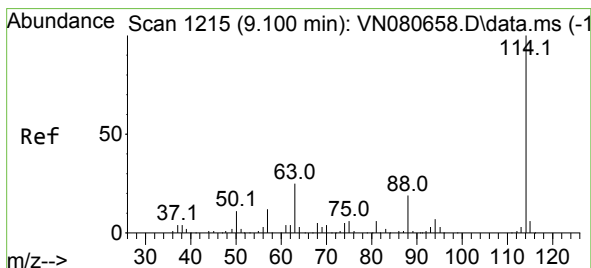
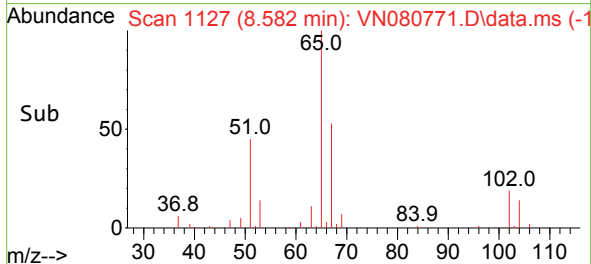
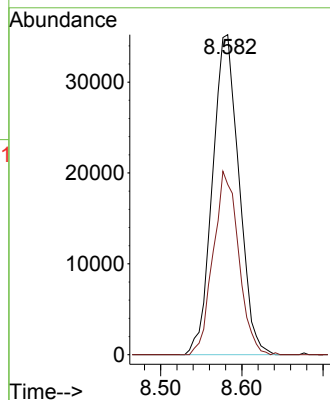
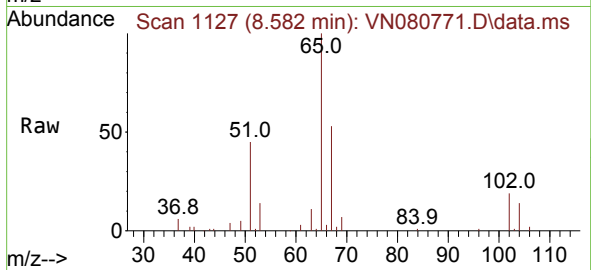
PB158617ZHE#04

Tgt Ion: 65 Resp: 79811

Ion Ratio Lower Upper

65 100

67 55.0 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: VN080771.D

Acq: 26 Jan 2024 15:48

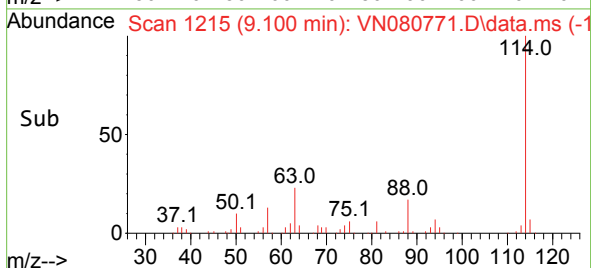
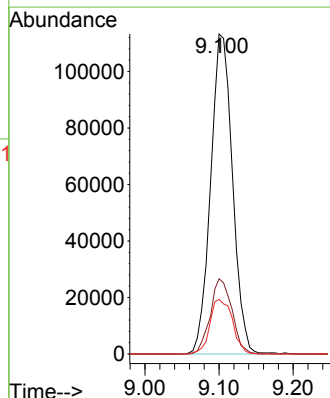
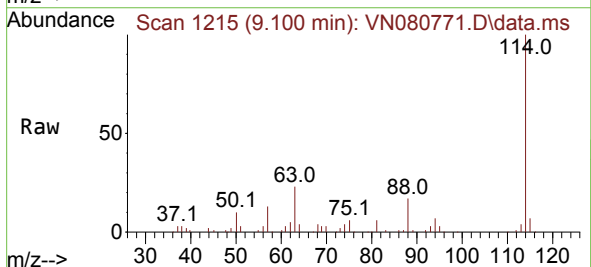
Tgt Ion: 114 Resp: 232180

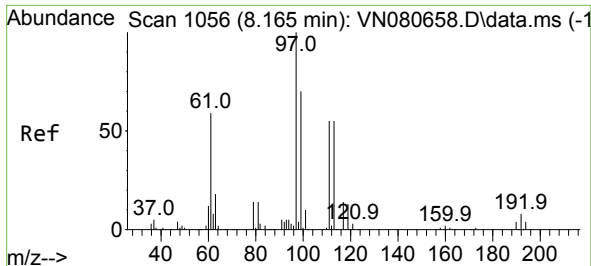
Ion Ratio Lower Upper

114 100

63 23.5 0.0 36.4

88 17.1 0.0 30.6

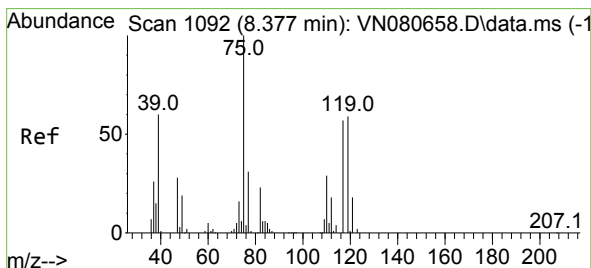
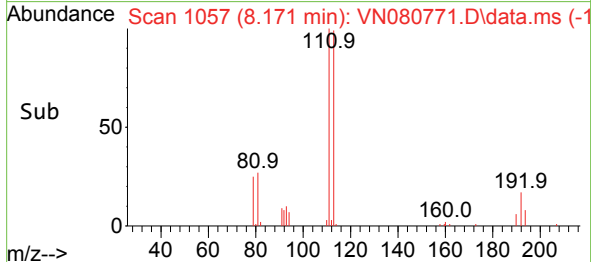
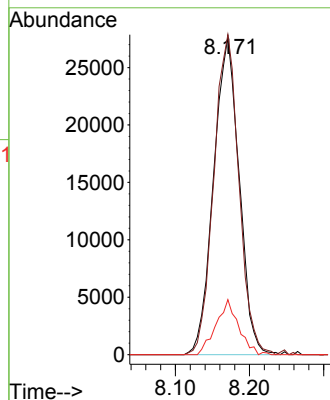
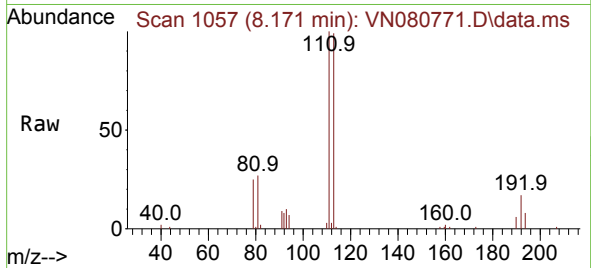




#35
 Dibromofluoromethane
 Concen: 50.214 ug/l
 RT: 8.171 min Scan# 1057
 Delta R.T. 0.006 min
 Lab File: VN080771.D
 Acq: 26 Jan 2024 15:48

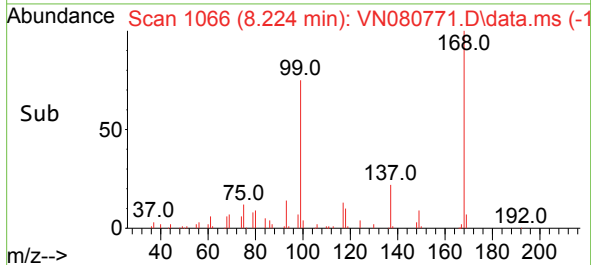
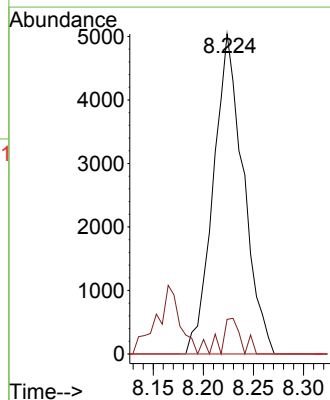
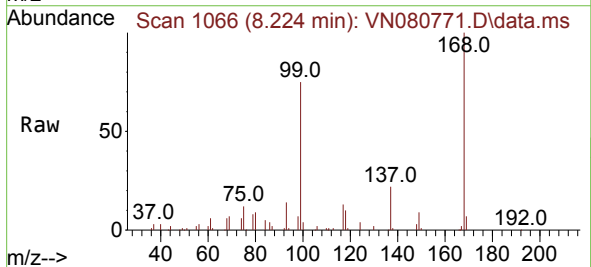
Instrument :
 MSVOA_N
 ClientSampleId :
 PB158617ZHE#04

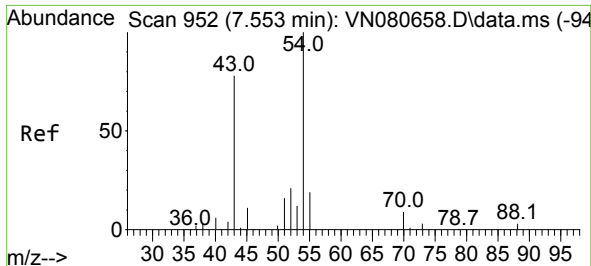
Tgt Ion:113 Resp: 66242
 Ion Ratio Lower Upper
 113 100
 111 99.1 82.6 123.8
 192 15.3 12.7 19.1



#36
 1,1-Dichloropropene
 Concen: 3.890 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.153 min
 Lab File: VN080771.D
 Acq: 26 Jan 2024 15:48

Tgt Ion: 75 Resp: 10513
 Ion Ratio Lower Upper
 75 100
 110 6.9 19.1 57.3#
 77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 1.480 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.018 min

Lab File: VN080771.D

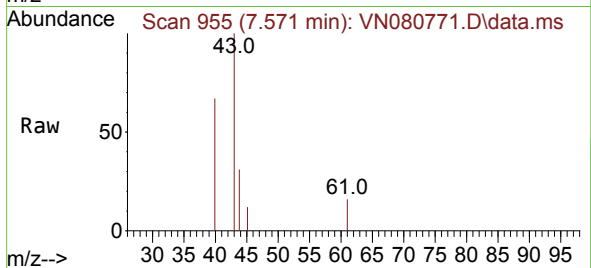
Acq: 26 Jan 2024 15:48

Instrument :

MSVOA_N

ClientSampleId :

PB158617ZHE#04



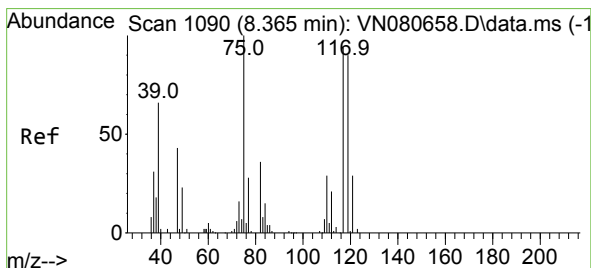
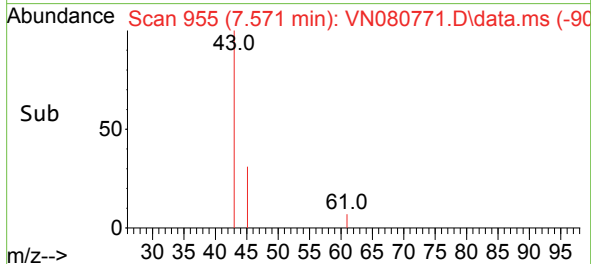
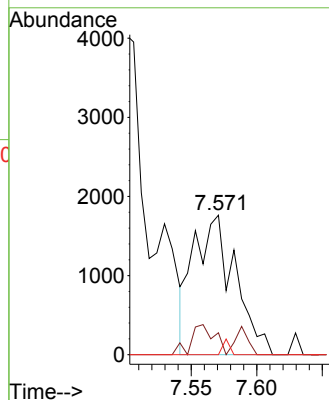
Tgt Ion: 43 Resp: 3877

Ion Ratio Lower Upper

43 100

61 6.1 13.2 19.8#

70 1.8 11.3 16.9#



#38

Carbon Tetrachloride

Concen: 4.987 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN080771.D

Acq: 26 Jan 2024 15:48

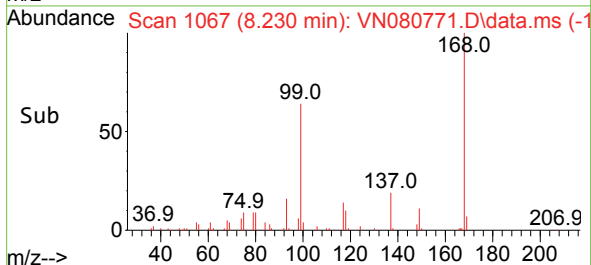
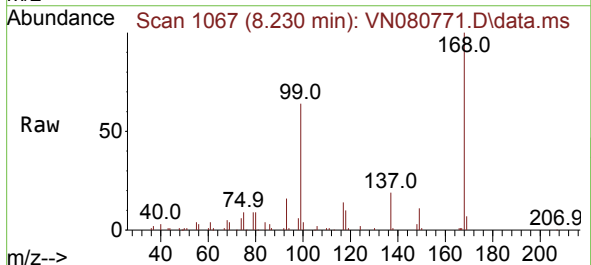
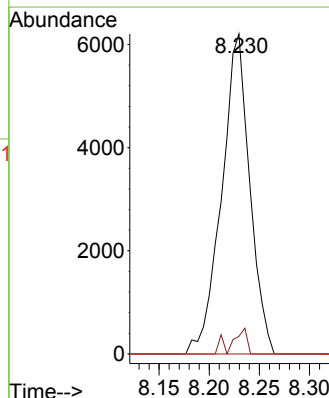
Tgt Ion: 117 Resp: 12099

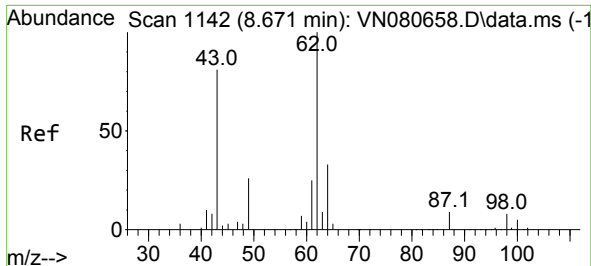
Ion Ratio Lower Upper

117 100

119 5.5 77.3 115.9#

121 0.0 23.3 34.9#





#42

1,2-Dichloroethane

Concen: 0.292 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. 0.012 min

Lab File: VN080771.D

Acq: 26 Jan 2024 15:48

Instrument :

MSVOA_N

ClientSampleId :

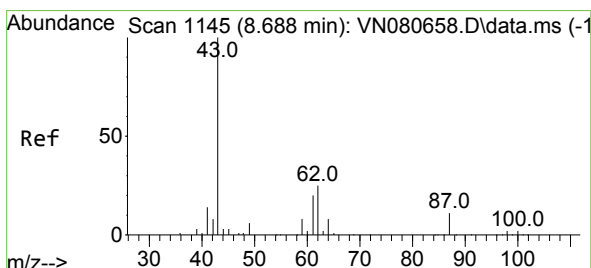
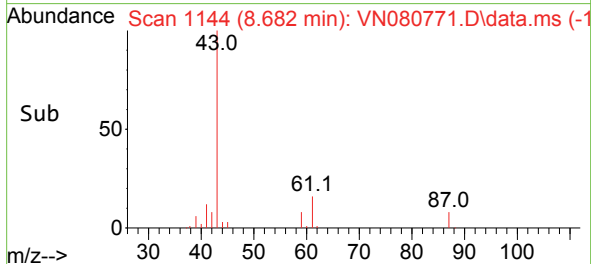
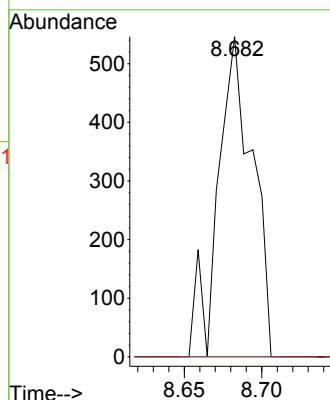
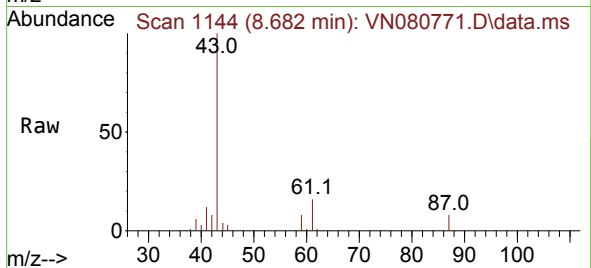
PB158617ZHE#04

Tgt Ion: 62 Resp: 848

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.8



#43

Isopropyl Acetate

Concen: 29.988 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN080771.D

Acq: 26 Jan 2024 15:48

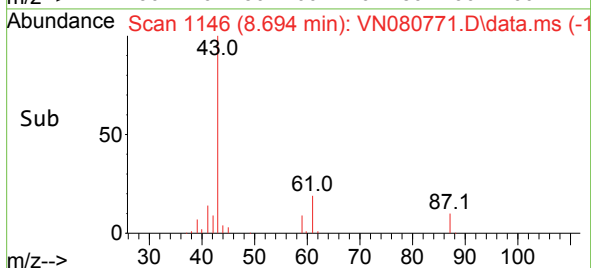
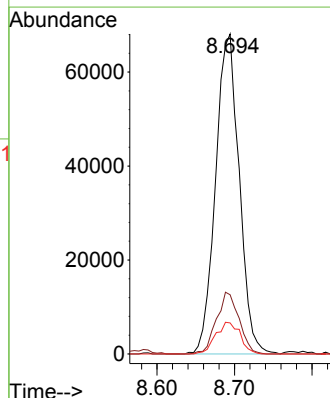
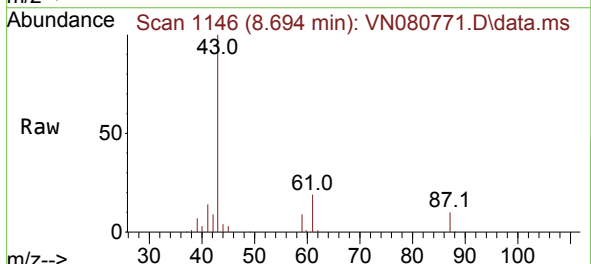
Tgt Ion: 43 Resp: 144441

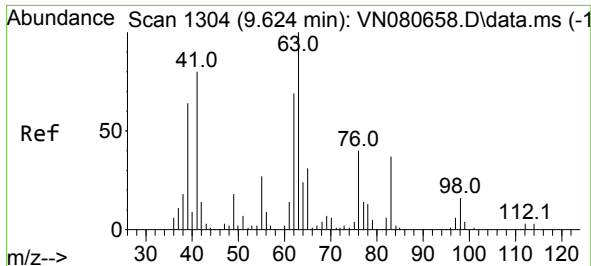
Ion Ratio Lower Upper

43 100

61 18.5 24.7 37.1#

87 10.2 14.6 21.8#





#45

1,2-Dichloropropane

Concen: 0.510 ug/l

RT: 9.753 min Scan# 11

Delta R.T. 0.129 min

Lab File: VN080771.D

Acq: 26 Jan 2024 15:48

Instrument :

MSVOA_N

ClientSampleId :

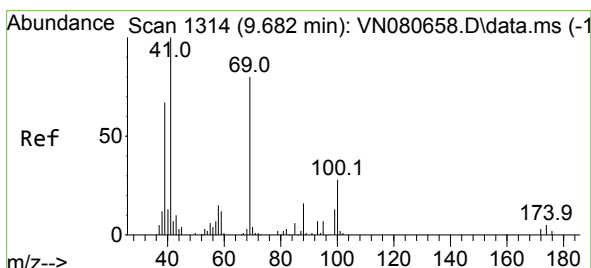
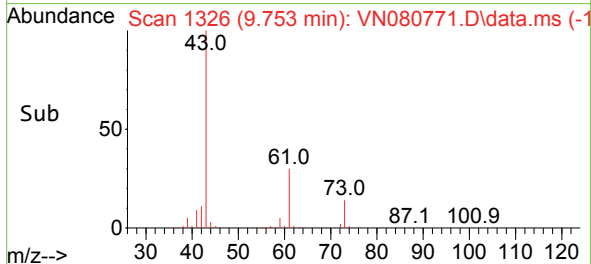
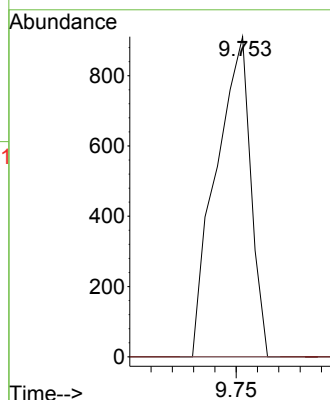
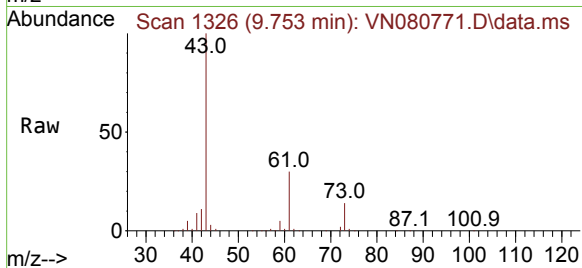
PB158617ZHE#04

Tgt Ion: 63 Resp: 1028

Ion Ratio Lower Upper

63 100

65 0.0 23.9 35.9#



#48

Methyl methacrylate

Concen: 2.012 ug/l

RT: 9.659 min Scan# 1310

Delta R.T. -0.023 min

Lab File: VN080771.D

Acq: 26 Jan 2024 15:48

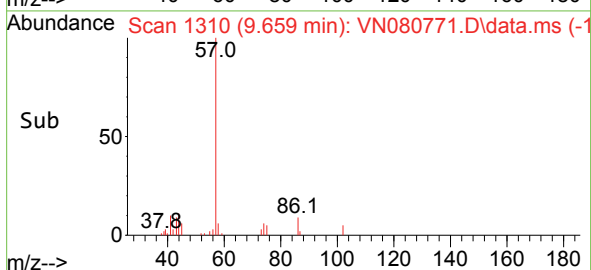
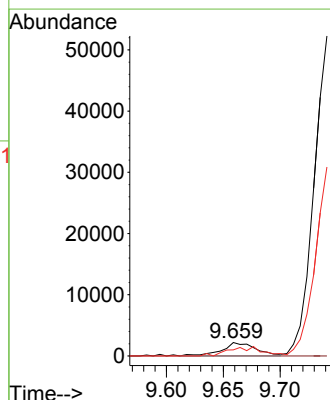
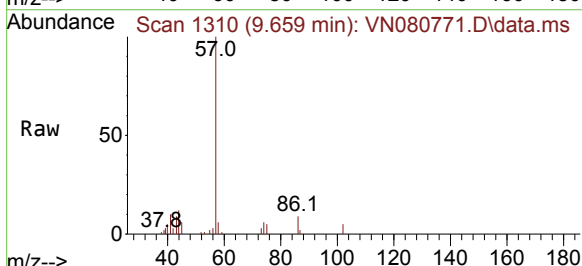
Tgt Ion: 41 Resp: 4588

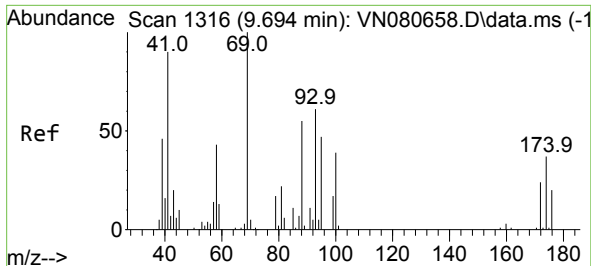
Ion Ratio Lower Upper

41 100

69 0.0 90.4 135.6#

39 64.1 54.6 81.8





#49

1,4-Dioxane

Concen: 2.006 ug/l

RT: 9.735 min Scan# 11

Delta R.T. 0.041 min

Lab File: VN080771.D

Acq: 26 Jan 2024 15:48

Instrument :

MSVOA_N

ClientSampleId :

PB158617ZHE#04

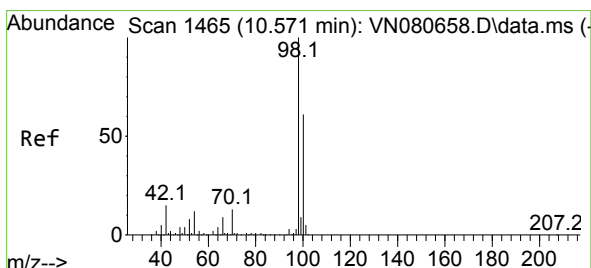
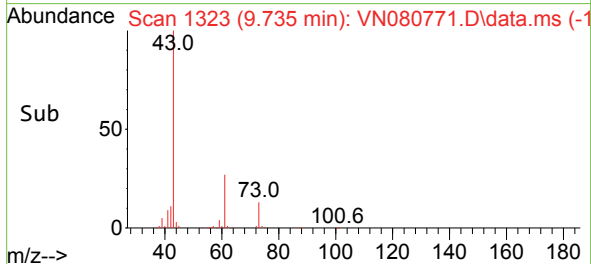
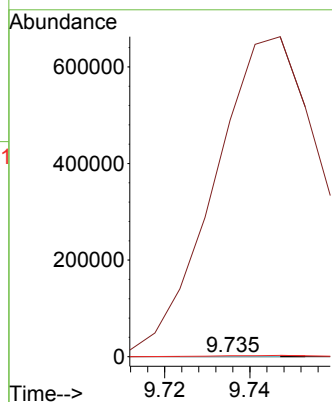
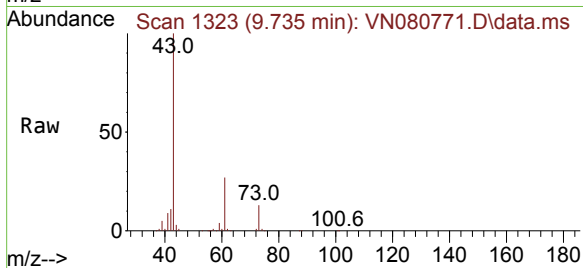
Tgt Ion: 88 Resp: 57

Ion Ratio Lower Upper

88 100

43 2102926.3 17.0 25.6#

58 7815.8 47.0 70.4#



#50

Toluene-d8

Concen: 54.745 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN080771.D

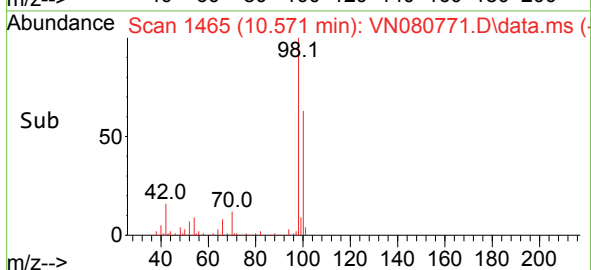
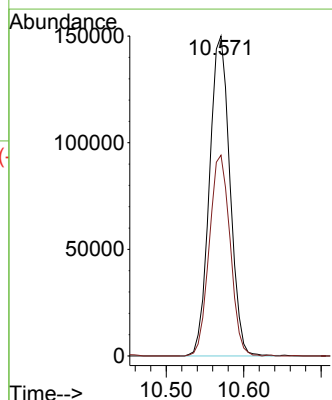
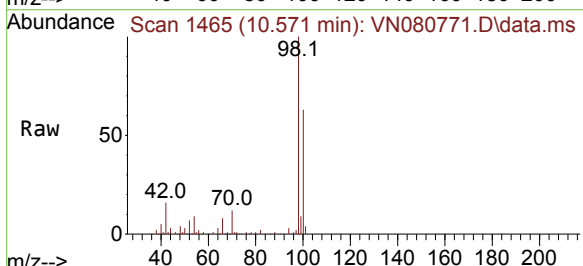
Acq: 26 Jan 2024 15:48

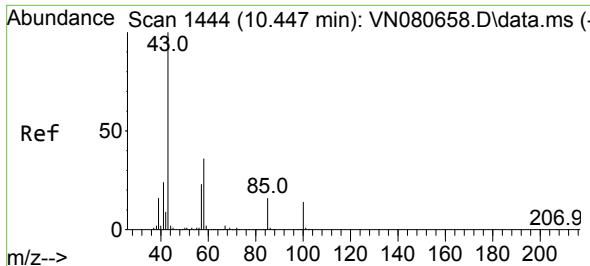
Tgt Ion: 98 Resp: 275376

Ion Ratio Lower Upper

98 100

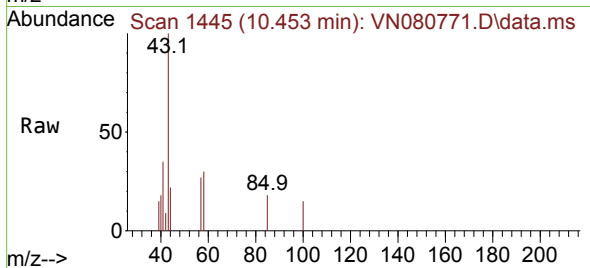
100 63.7 52.0 78.0



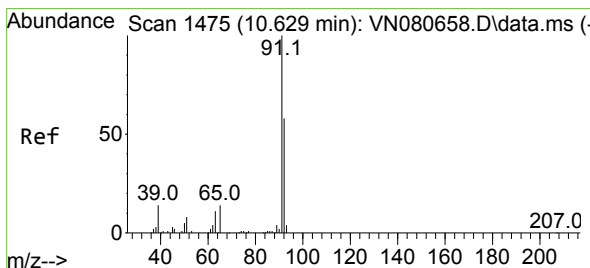
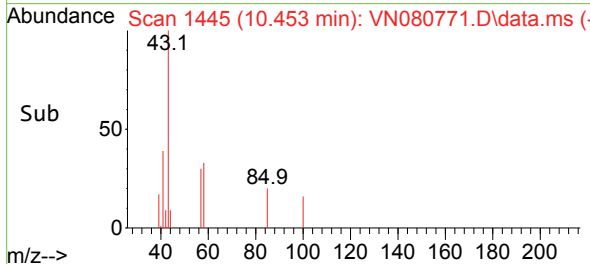
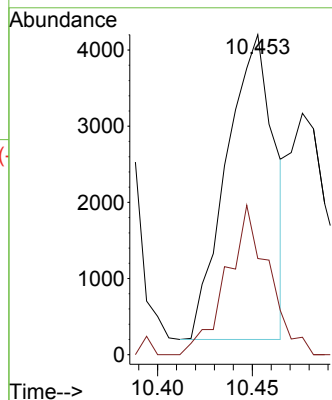


#51
4-Methyl-2-Pentanone
Concen: 2.708 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN080771.D
Acq: 26 Jan 2024 15:48

Instrument :
MSVOA_N
ClientSampleId :
PB158617ZHE#04

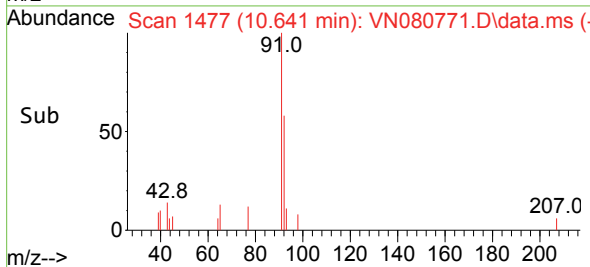
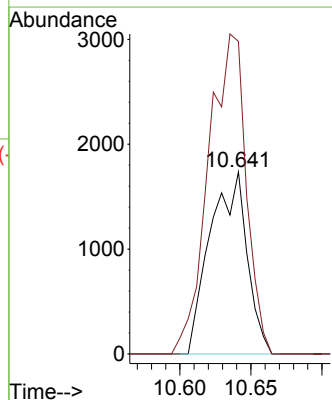
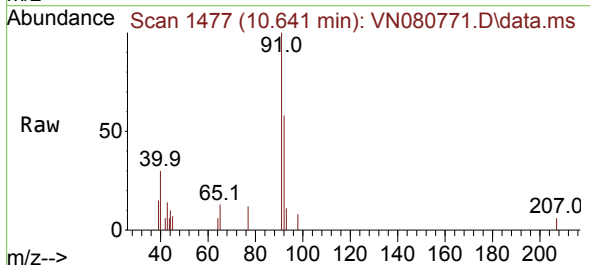


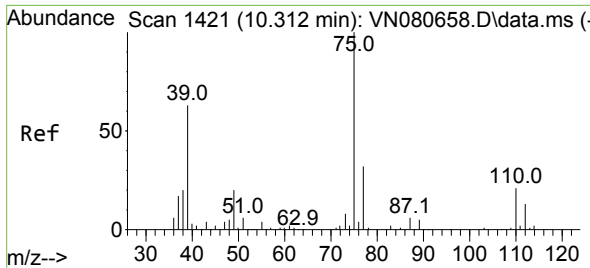
Tgt Ion: 43 Resp: 7036
Ion Ratio Lower Upper
43 100
58 43.0 36.6 54.8



#52
Toluene
Concen: 0.719 ug/l
RT: 10.641 min Scan# 1477
Delta R.T. 0.012 min
Lab File: VN080771.D
Acq: 26 Jan 2024 15:48

Tgt Ion: 92 Resp: 3131
Ion Ratio Lower Upper
92 100
91 179.7 137.4 206.0

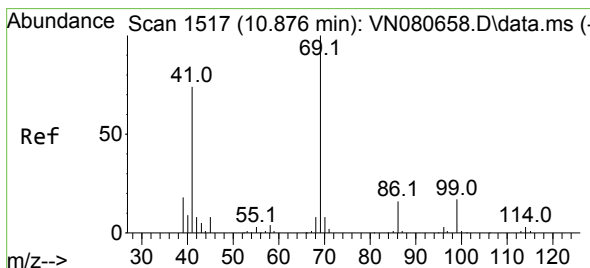
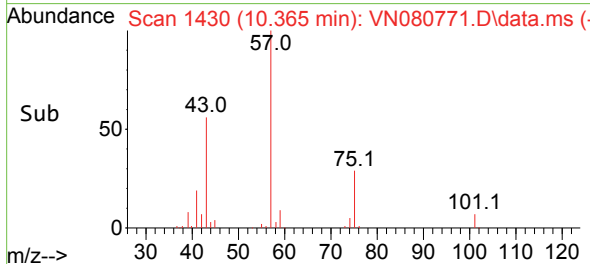
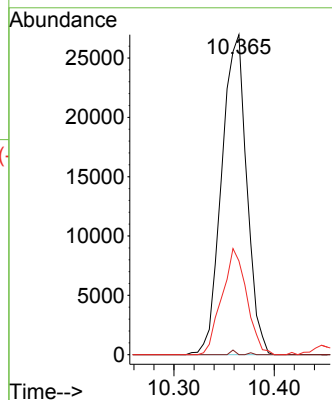
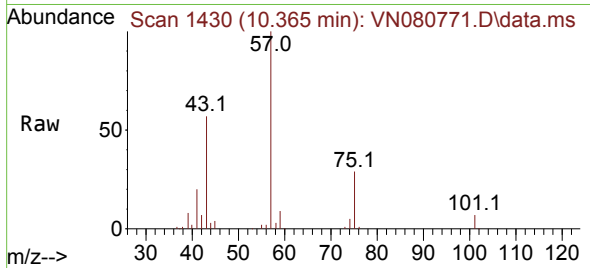




#54
 cis-1,3-Dichloropropene
 Concen: 14.019 ug/l
 RT: 10.365 min Scan# 1421
 Delta R.T. 0.053 min
 Lab File: VN080771.D
 Acq: 26 Jan 2024 15:48

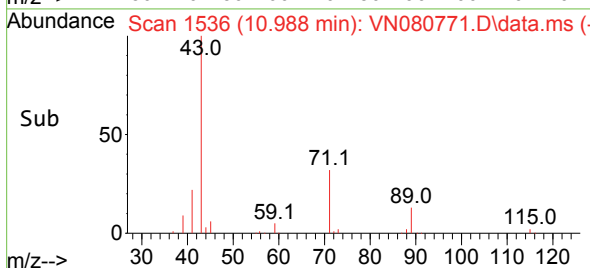
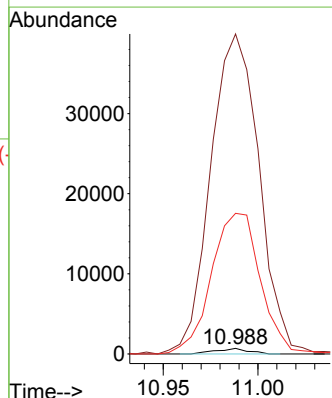
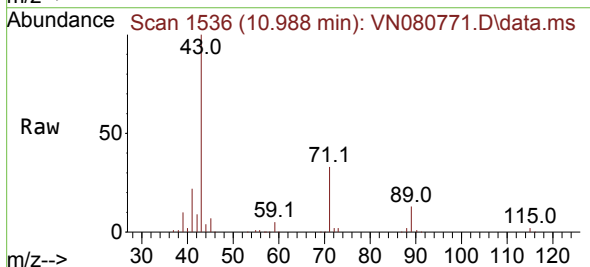
Instrument :
 MSVOA_N
 ClientSampleId :
 PB158617ZHE#04

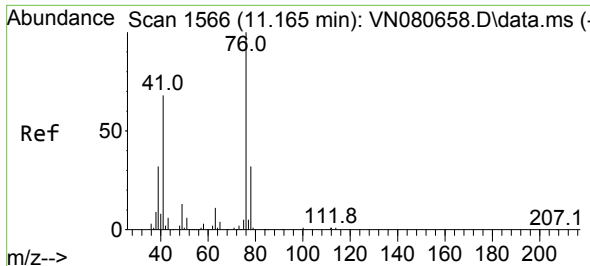
Tgt Ion: 75 Resp: 46670
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.1 39.1#
 39 29.3 31.6 47.4#



#56
 Ethyl methacrylate
 Concen: 0.279 ug/l
 RT: 10.988 min Scan# 1536
 Delta R.T. 0.112 min
 Lab File: VN080771.D
 Acq: 26 Jan 2024 15:48

Tgt Ion: 69 Resp: 838
 Ion Ratio Lower Upper
 69 100
 41 8512.8 39.6 59.4#
 39 3777.8 28.6 43.0#





#57

1,3-Dichloropropane

Concen: 1.691 ug/l

RT: 11.206 min Scan# 1573

Delta R.T. 0.041 min

Lab File: VN080771.D

Acq: 26 Jan 2024 15:48

Instrument :

MSVOA_N

ClientSampleId :

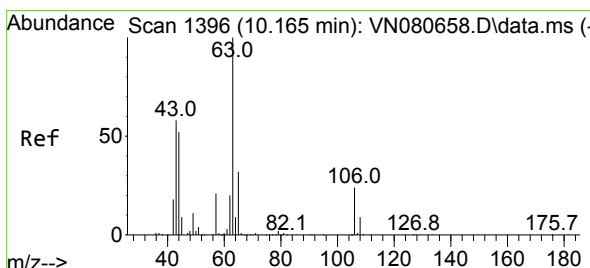
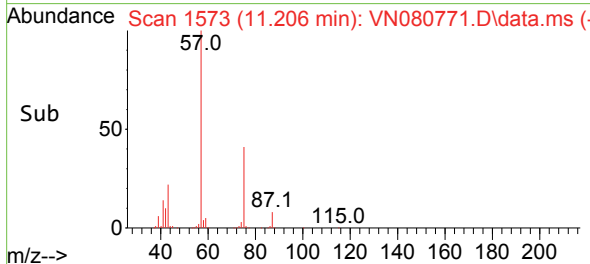
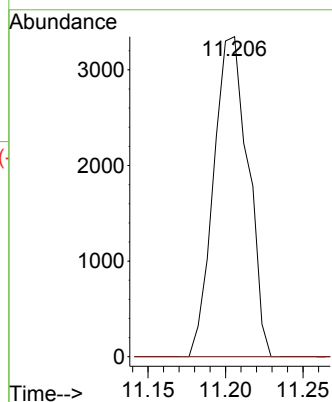
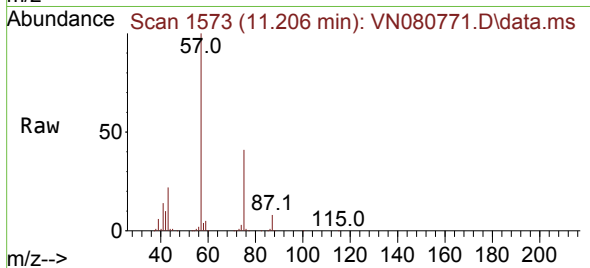
PB158617ZHE#04

Tgt Ion: 76 Resp: 5173

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#58

2-Chloroethyl Vinyl ether

Concen: 1.202 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.006 min

Lab File: VN080771.D

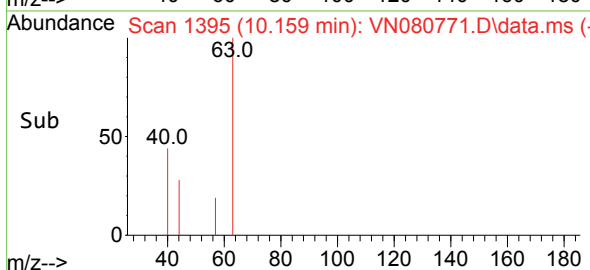
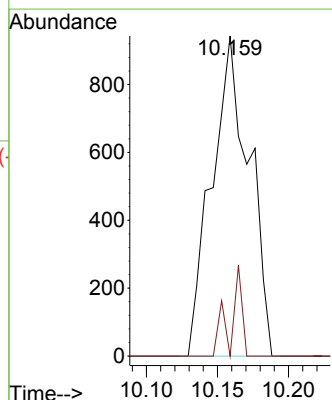
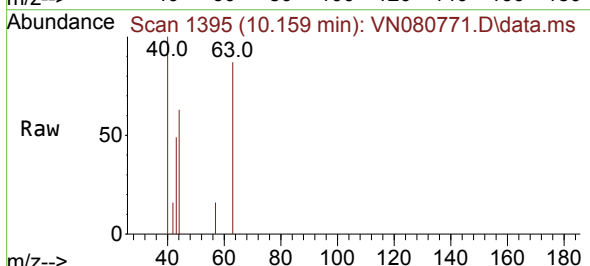
Acq: 26 Jan 2024 15:48

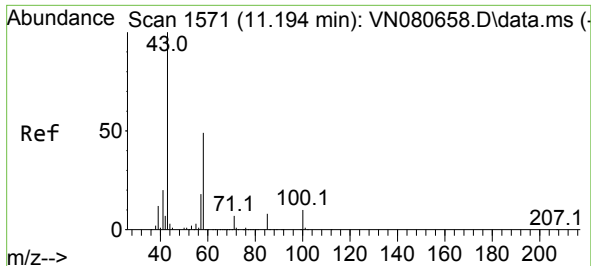
Tgt Ion: 63 Resp: 1728

Ion Ratio Lower Upper

63 100

106 8.8 26.2 39.4#





#59

2-Hexanone

Concen: 70.879 ug/l

RT: 11.171 min Scan# 11

Delta R.T. -0.023 min

Lab File: VN080771.D

Acq: 26 Jan 2024 15:48

Instrument :

MSVOA_N

ClientSampleId :

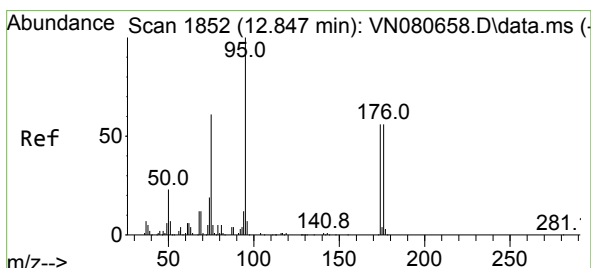
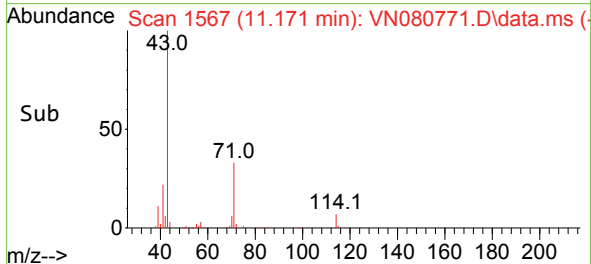
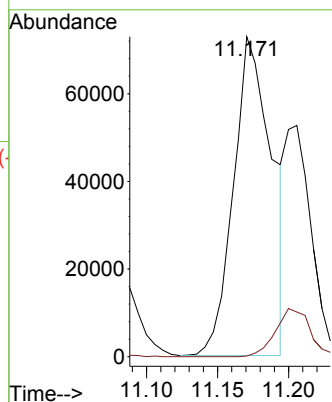
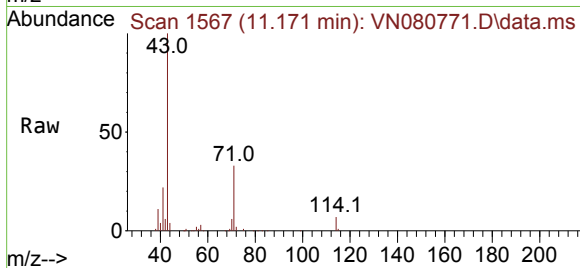
PB158617ZHE#04

Tgt Ion: 43 Resp: 135965

Ion Ratio Lower Upper

43 100

58 0.0 31.7 95.1#



#62

4-Bromofluorobenzene

Concen: 53.912 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN080771.D

Acq: 26 Jan 2024 15:48

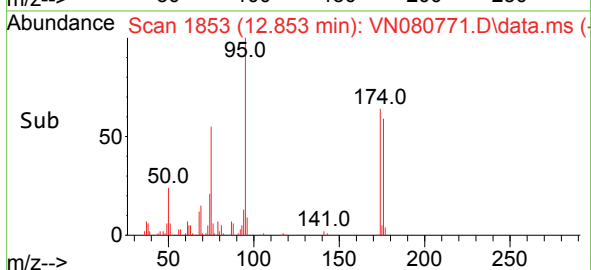
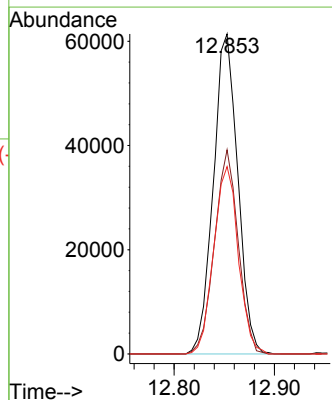
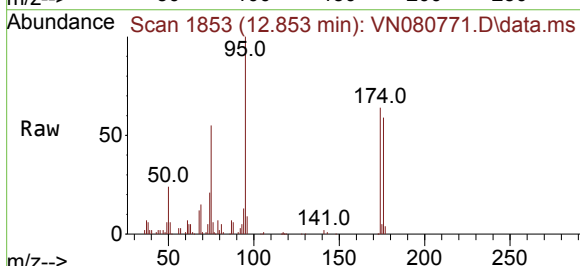
Tgt Ion: 95 Resp: 103994

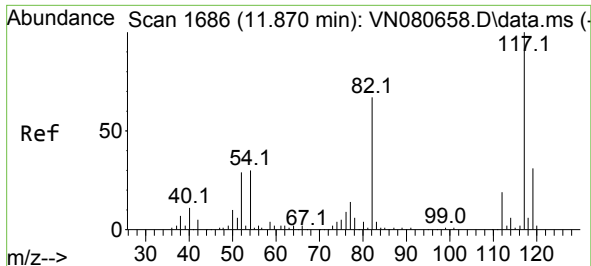
Ion Ratio Lower Upper

95 100

174 61.8 0.0 143.8

176 58.9 0.0 135.8

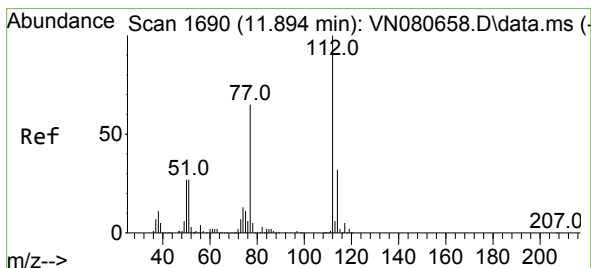
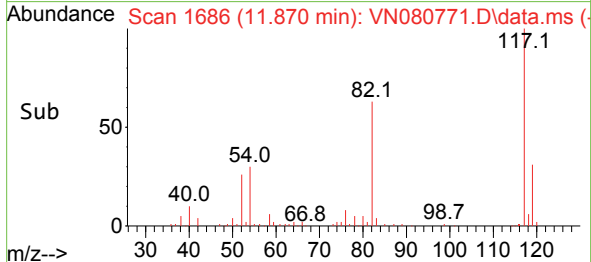
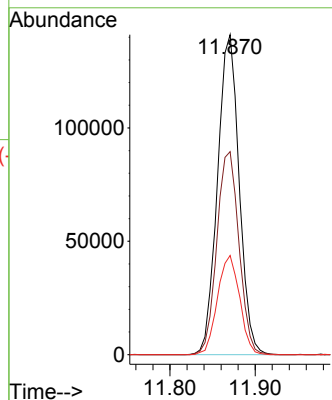
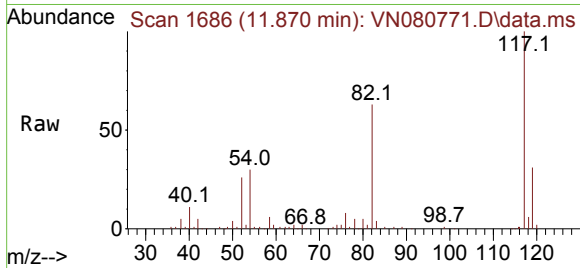




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080771.D
Acq: 26 Jan 2024 15:48

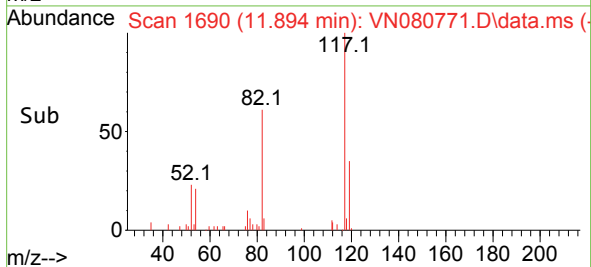
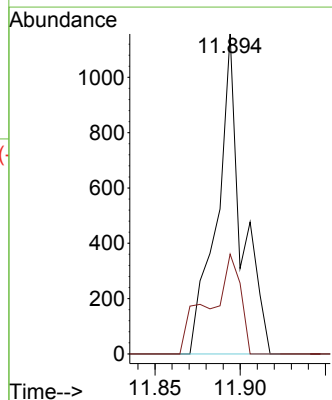
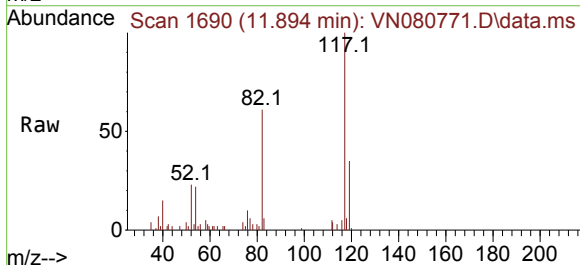
Instrument :
MSVOA_N
ClientSampleId :
PB158617ZHE#04

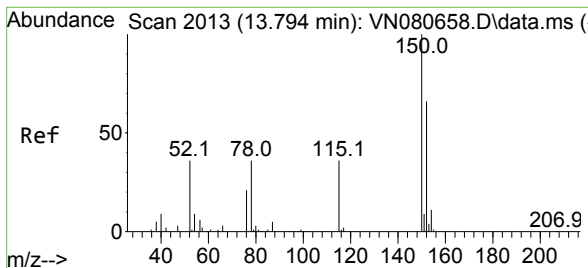
Tgt Ion:117 Resp: 249056
Ion Ratio Lower Upper
117 100
82 63.5 44.0 66.0
119 31.0 25.6 38.4



#65
Chlorobenzene
Concen: 0.214 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN080771.D
Acq: 26 Jan 2024 15:48

Tgt Ion:112 Resp: 1167
Ion Ratio Lower Upper
112 100
114 31.2 25.0 37.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN080771.D

Acq: 26 Jan 2024 15:48

Instrument :

MSVOA_N

ClientSampleId :

PB158617ZHE#04

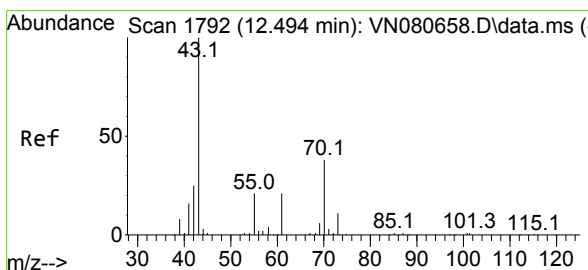
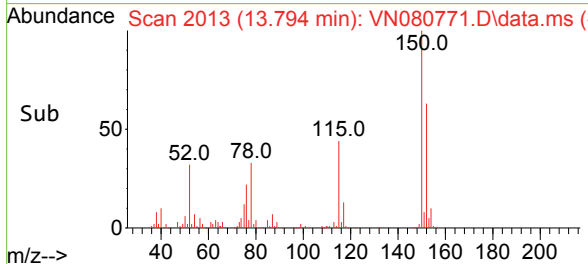
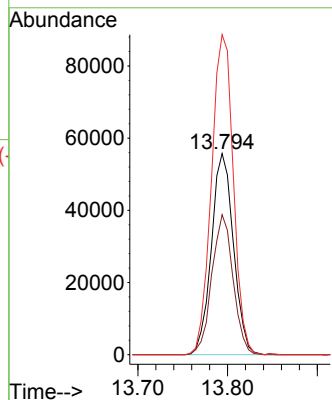
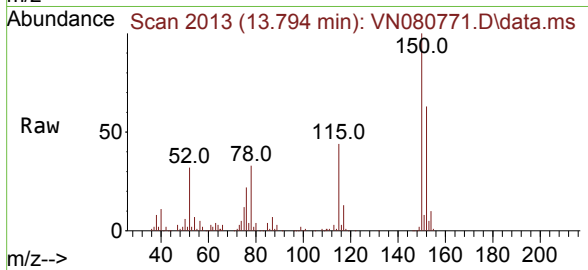
Tgt Ion:152 Resp: 95112

Ion Ratio Lower Upper

152 100

115 67.0 32.3 96.8

150 157.7 0.0 355.8



#74

N-ethyl acetate

Concen: 0.923 ug/l

RT: 12.459 min Scan# 1786

Delta R.T. -0.035 min

Lab File: VN080771.D

Acq: 26 Jan 2024 15:48

Tgt Ion: 43 Resp: 5009

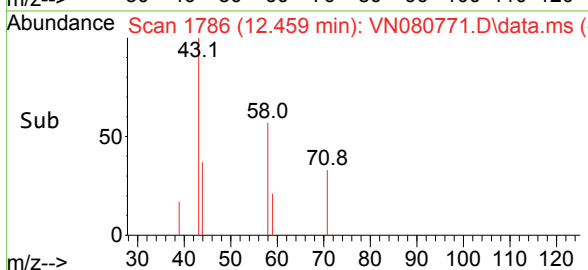
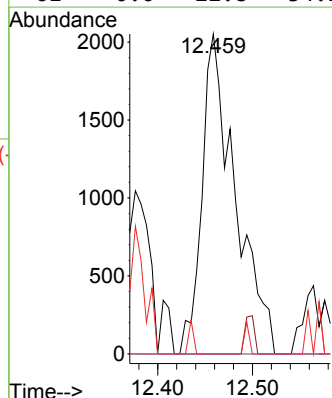
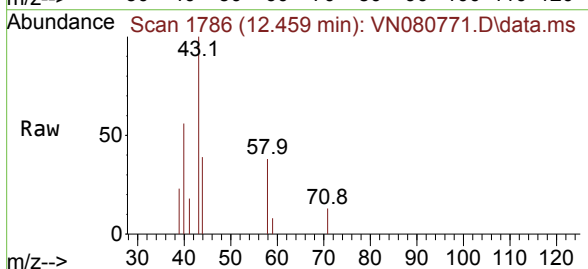
Ion Ratio Lower Upper

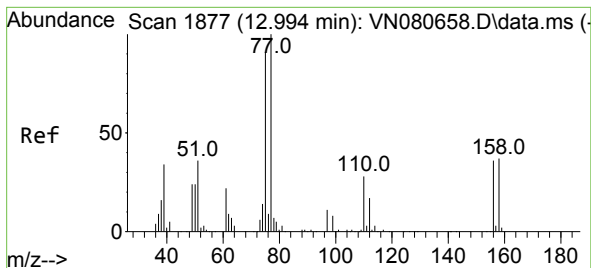
43 100

70 0.0 43.4 65.2#

55 0.0 21.4 32.0#

61 0.0 22.8 34.2#

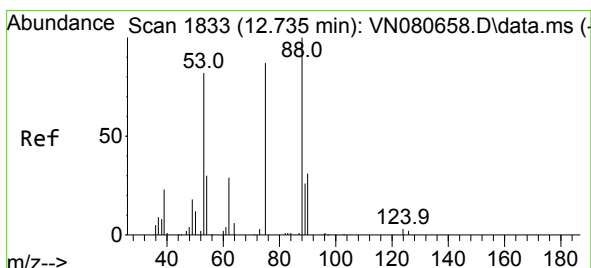
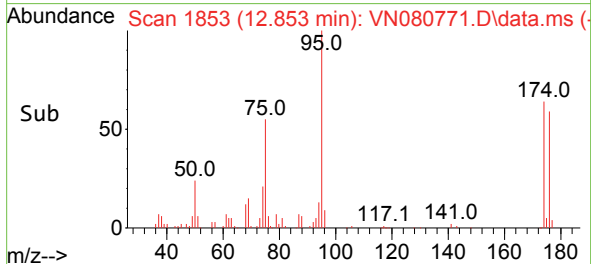
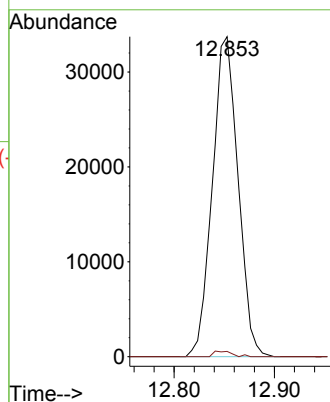
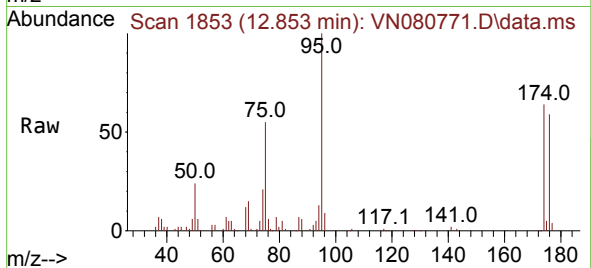




#76
1,2,3-Trichloropropane
Concen: 20.454 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN080771.D
Acq: 26 Jan 2024 15:48

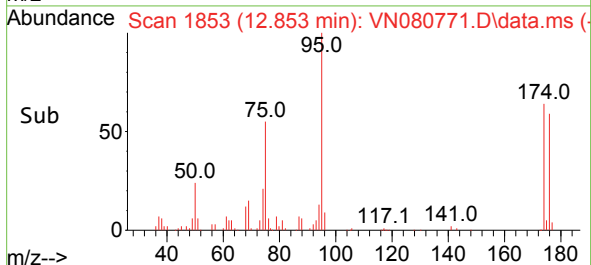
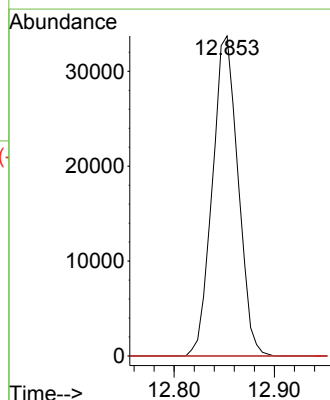
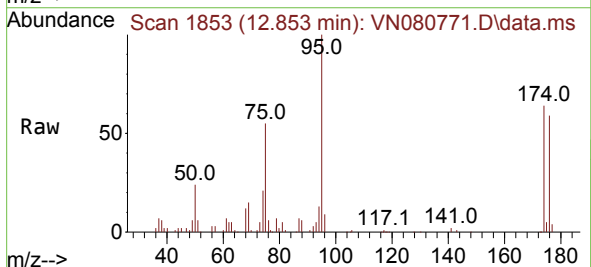
Instrument :
MSVOA_N
ClientSampleId :
PB158617ZHE#04

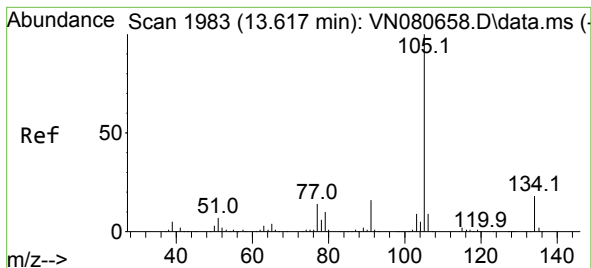
Tgt Ion: 75 Resp: 59988
Ion Ratio Lower Upper
75 100
77 1.3 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 48.218 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN080771.D
Acq: 26 Jan 2024 15:48

Tgt Ion: 75 Resp: 59988
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#





#85

sec-Butylbenzene

Concen: 0.200 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.006 min

Lab File: VN080771.D

Acq: 26 Jan 2024 15:48

Instrument :

MSVOA_N

ClientSampleId :

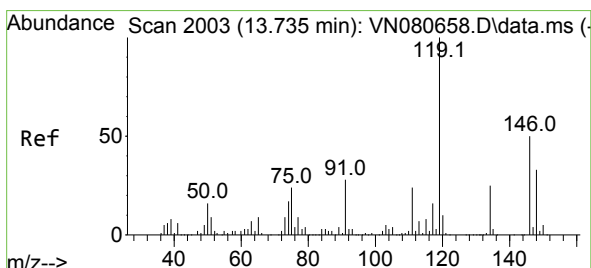
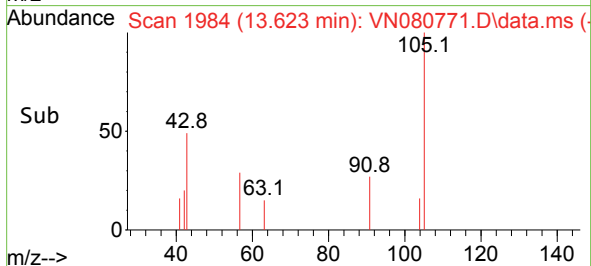
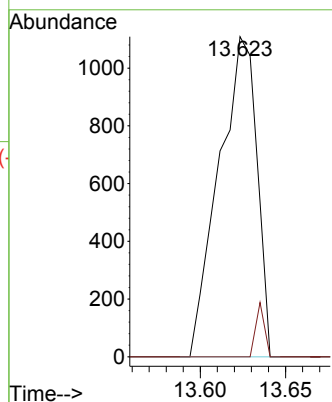
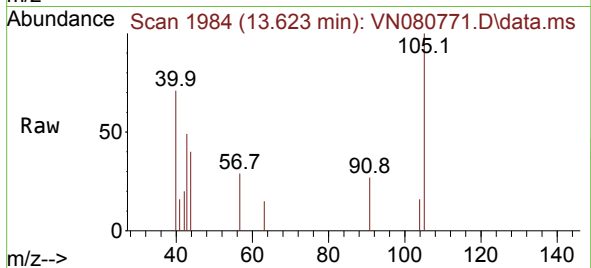
PB158617ZHE#04

Tgt Ion:105 Resp: 1716

Ion Ratio Lower Upper

105 100

134 3.8 9.8 29.3#



#87

1,3-Dichlorobenzene

Concen: 0.205 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.006 min

Lab File: VN080771.D

Acq: 26 Jan 2024 15:48

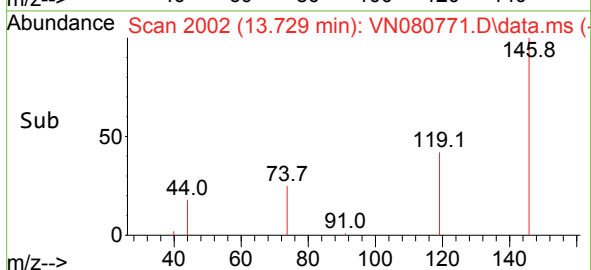
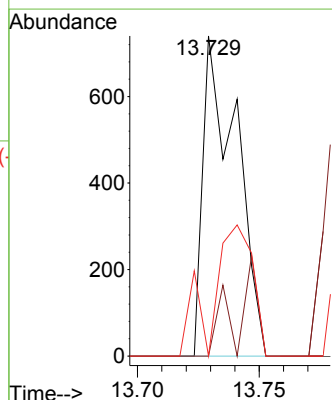
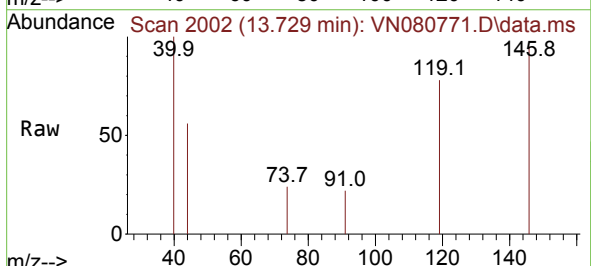
Tgt Ion:146 Resp: 705

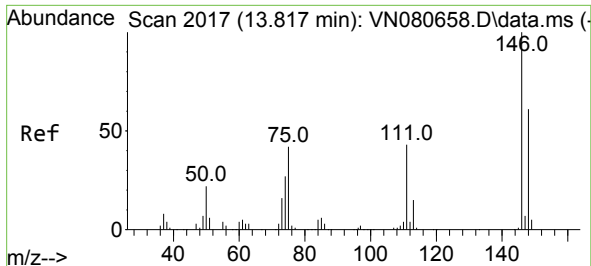
Ion Ratio Lower Upper

146 100

111 0.0 22.1 66.3#

148 50.1 32.0 96.0

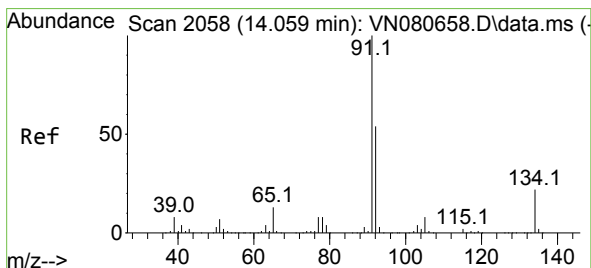
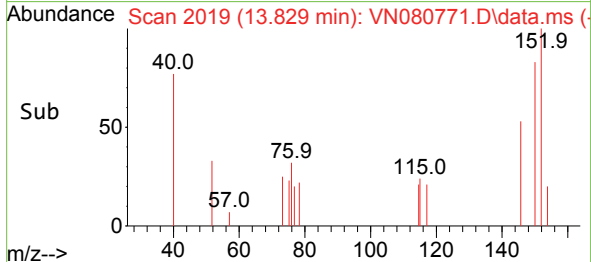
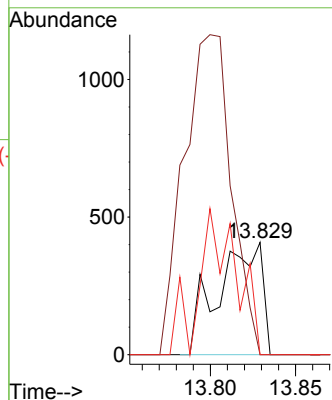
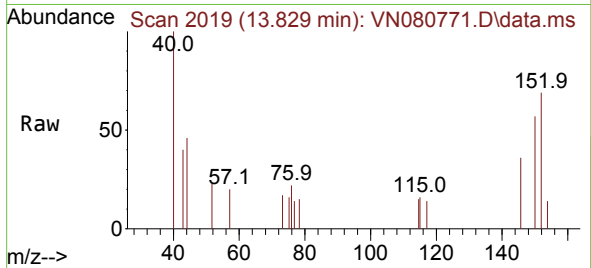




#88
 1,4-Dichlorobenzene
 Concen: 0.210 ug/l
 RT: 13.829 min Scan# 2019
 Delta R.T. 0.012 min
 Lab File: VN080771.D
 Acq: 26 Jan 2024 15:48

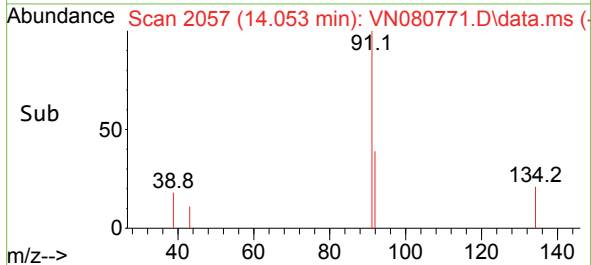
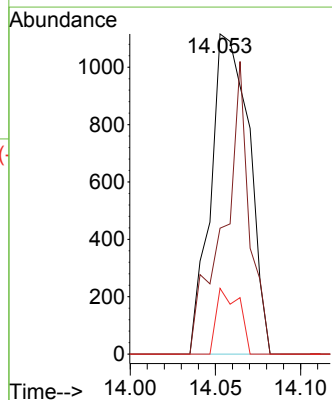
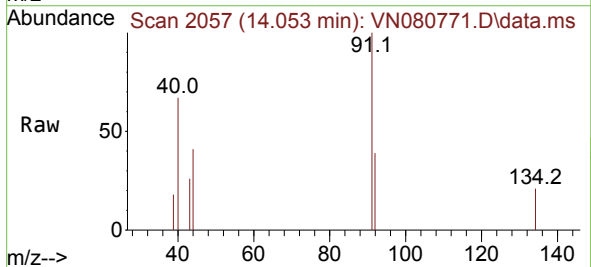
Instrument :
 MSVOA_N
 ClientSampleId :
 PB158617ZHE#04

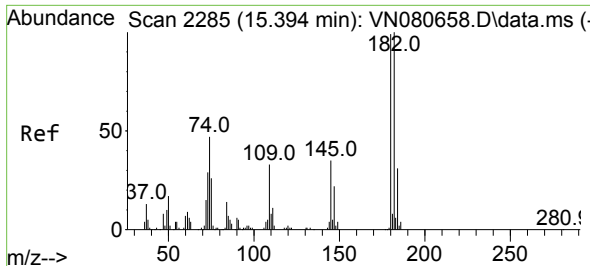
Tgt Ion:146 Resp: 734
 Ion Ratio Lower Upper
 146 100
 111 0.0 20.6 61.8#
 148 0.0 31.6 94.8#



#89
 n-Butylbenzene
 Concen: 0.269 ug/l
 RT: 14.053 min Scan# 2057
 Delta R.T. -0.006 min
 Lab File: VN080771.D
 Acq: 26 Jan 2024 15:48

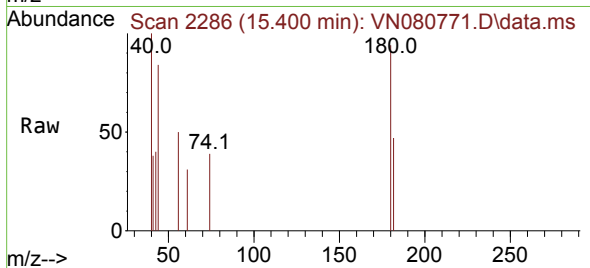
Tgt Ion: 91 Resp: 1753
 Ion Ratio Lower Upper
 91 100
 92 61.7 26.4 79.0
 134 12.1 12.6 37.6#



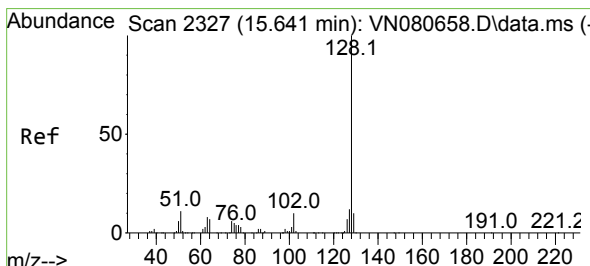
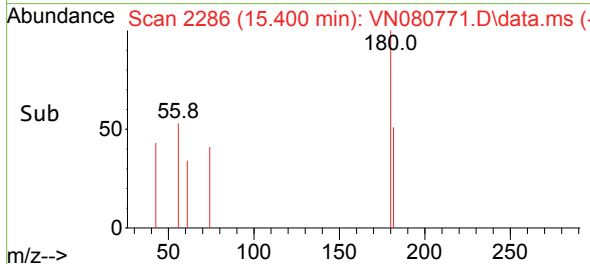
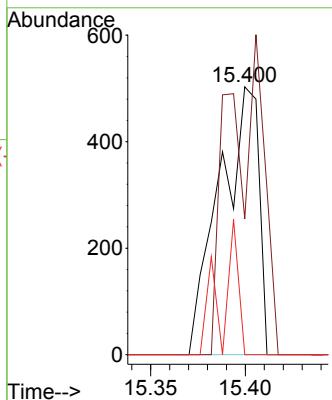


#93
1,2,4-Trichlorobenzene
Concen: 0.427 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN080771.D
Acq: 26 Jan 2024 15:48

Instrument :
MSVOA_N
ClientSampleId :
PB158617ZHE#04

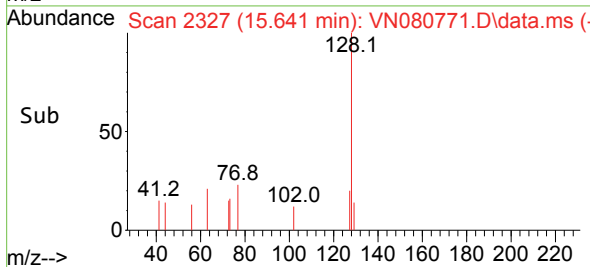
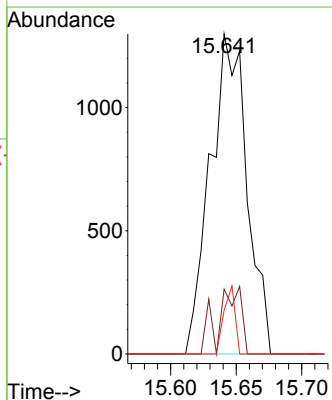
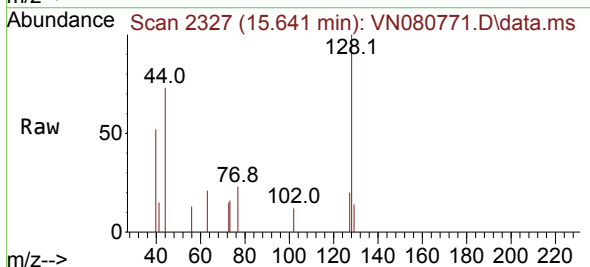


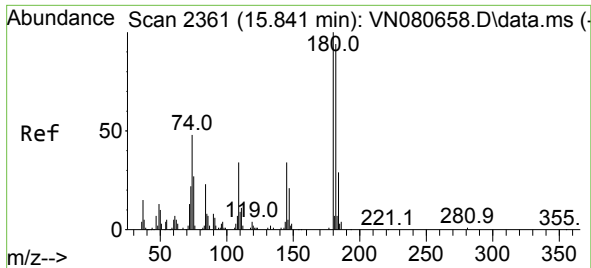
Tgt Ion:180 Resp: 719
Ion Ratio Lower Upper
180 100
182 105.3 46.1 138.2
145 0.0 16.6 49.8#



#95
Naphthalene
Concen: 0.381 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080771.D
Acq: 26 Jan 2024 15:48

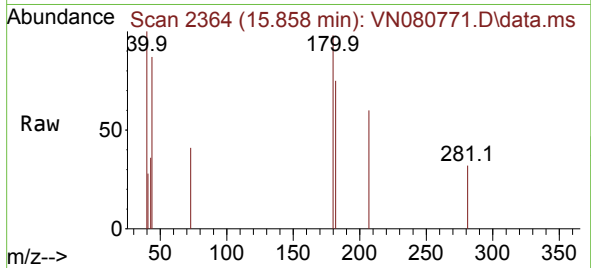
Tgt Ion:128 Resp: 2526
Ion Ratio Lower Upper
128 100
127 13.3 10.0 15.0
129 6.3 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.447 ug/l
 RT: 15.858 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: VN080771.D
 Acq: 26 Jan 2024 15:48

Instrument :
 MSVOA_N
 ClientSampleId :
 PB158617ZHE#04



Tgt Ion	Ratio	Lower	Upper
180	100		
182	88.2	46.2	138.6
145	8.1	17.5	52.6

