

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111023\
 Data File : VN080052.D
 Acq On : 10 Nov 2023 14:53
 Operator : JC\MD
 Sample : 05310-01RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 10 23:58:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N110823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Nov 09 04:02:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	106835	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	641167	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	598862	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	259800	28.970	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	96.567%		
60) 4-Bromofluorobenzene	12.853	95	295339	30.839	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	102.800%		
63) Toluene-d8	10.571	98	781802	27.552	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	91.833%		
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.754	62	1793	0.245	ug/l #	74
8) Diethyl Ether	3.959	74	1544	0.391	ug/l	93
15) Acetone	4.430	58	23734	20.752	ug/l	90
16) Carbon Disulfide	4.712	76	9662	0.514	ug/l #	90
18) Methylene Chloride	5.271	84	4028	0.546	ug/l	94
23) tert-Butyl Alcohol	5.518	59	353043	386.151	ug/l #	100
25) Chloroform	7.965	83	241824	17.473	ug/l	90
26) Cyclohexane	8.671	56	2154	0.204	ug/l #	10
30) 2-Butanone	7.483	43	120079	22.849	ug/l #	88
33) Carbon Tetrachloride	7.959	117	2928	0.265	ug/l #	85
34) Benzene	8.606	78	200243	6.126	ug/l #	88
41) Bromodichloromethane	9.883	83	3168	0.274	ug/l	88
42) Vinyl Acetate	6.312	43	31512	2.414	ug/l #	47
44) Isopropyl Acetate	8.653	43	5084	0.316	ug/l #	1
45) 1,4-Dioxane	9.694	88	10835	87.402	ug/l #	70
46) Methyl methacrylate	9.677	41	2117	0.274	ug/l #	53
47) n-amyl Acetate	12.500	43	5788	0.448	ug/l #	1
56) Bromoform	12.853	173	1994	0.373	ug/l #	1
58) 4-Methyl-2-Pentanone	10.447	43	35336	3.532	ug/l	98
59) 2-Hexanone	11.177	43	465374	61.061	ug/l #	34
62) Toluene	10.635	91	779421	22.503	ug/l	98
64) Chlorobenzene	11.894	112	62181	3.008	ug/l	94
66) Ethyl Benzene	11.965	91	326853	8.980	ug/l	99
67) m/p-Xylenes	12.071	106	165165	12.189	ug/l	97
68) o-Xylene	12.400	106	110053	8.473	ug/l	98
69) Styrene	12.412	104	16940	0.788	ug/l #	1
70) Isopropylbenzene	12.700	105	47615	1.470	ug/l	100
74) n-propylbenzene	13.041	91	25069	0.647	ug/l	97
75) 2-Chlorotoluene	13.129	91	12998	0.528	ug/l	79
76) 1,3,5-Trimethylbenzene	13.176	105	87476	3.264	ug/l	97
80) 1,2,4-Trimethylbenzene	13.488	105	242218	9.218	ug/l	100
81) sec-Butylbenzene	13.488	105	242218	8.177	ug/l	58
82) p-Isopropyltoluene	13.735	119	1146210	47.644	ug/l	99
83) 1,3-Dichlorobenzene	13.818	146	333007	22.945	ug/l	98
84) 1,4-Dichlorobenzene	13.818	146	333007	23.377	ug/l	97
86) Hexachloroethane	14.335	117	5589	1.195	ug/l #	18
87) 1,2-Dichlorobenzene	14.106	146	12296	0.887	ug/l	96
91) Naphthalene	15.647	128	756727	36.710	ug/l	98

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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Nov 10 23:58:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N110823W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Nov 09 04:02:05 2023
Response via : Initial Calibration

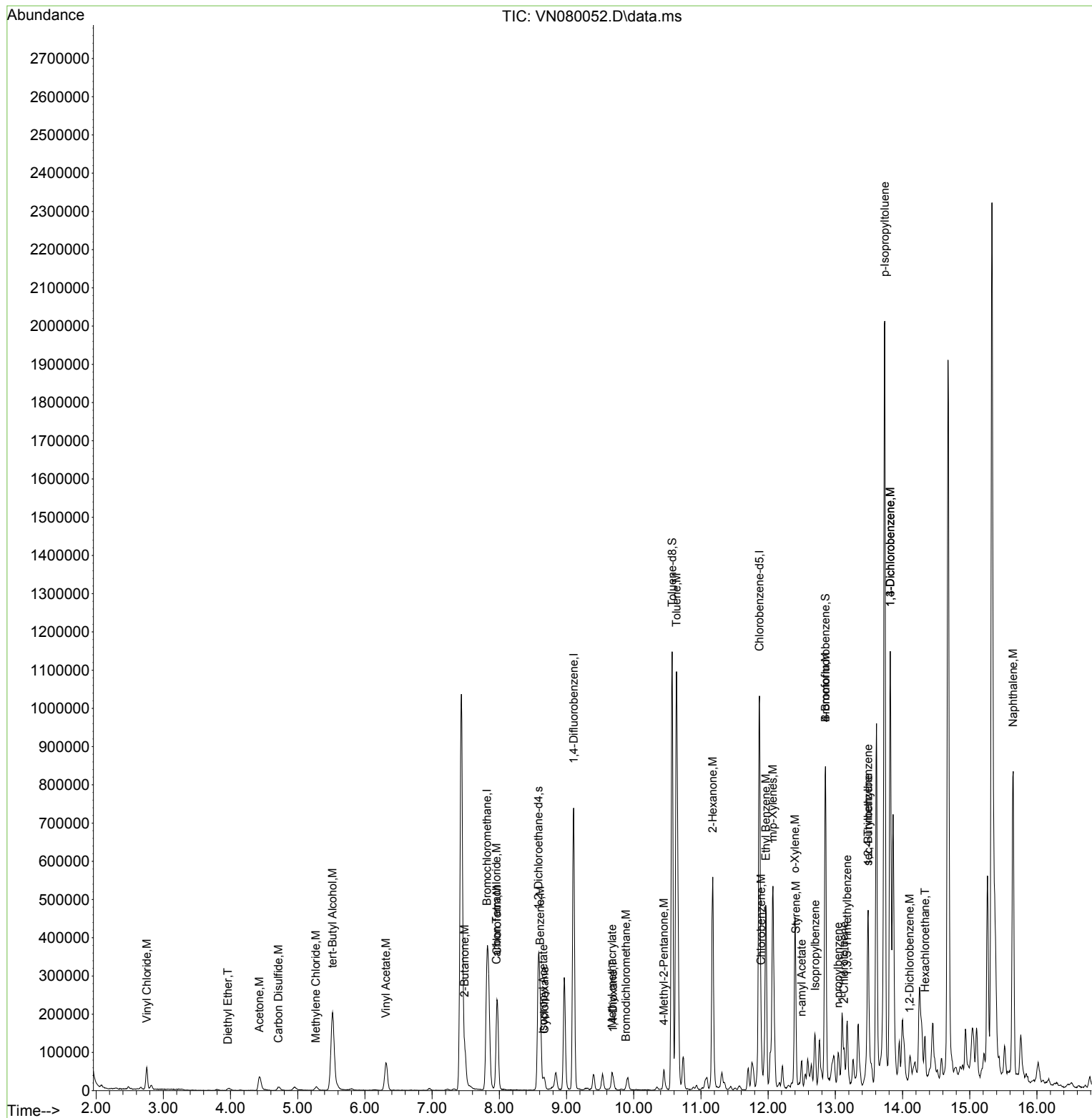
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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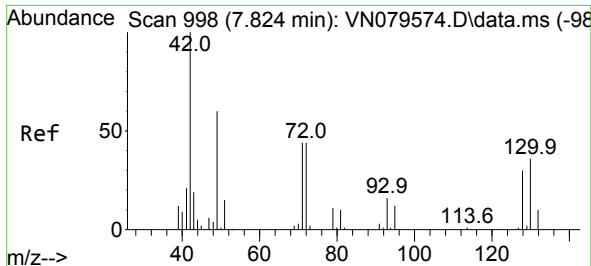
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VN080052.D
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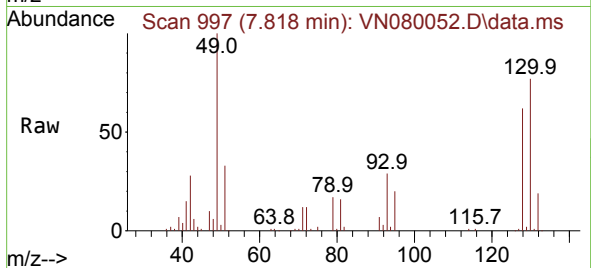
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N110823W.M
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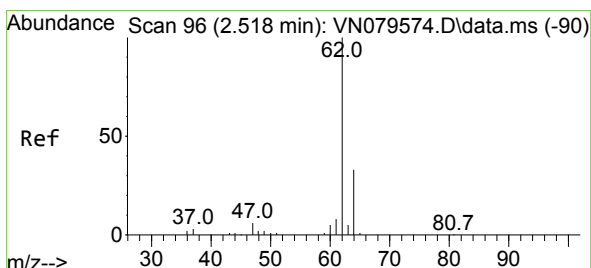
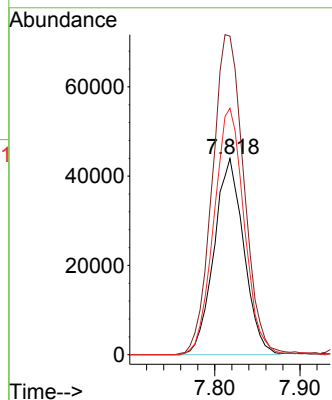
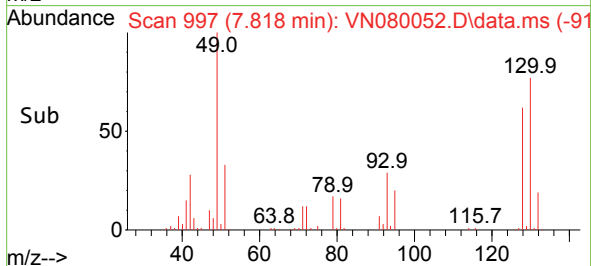


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN080052.D
Acq: 10 Nov 2023 14:53

Instrument :
MSVOA_N
ClientSampleId :

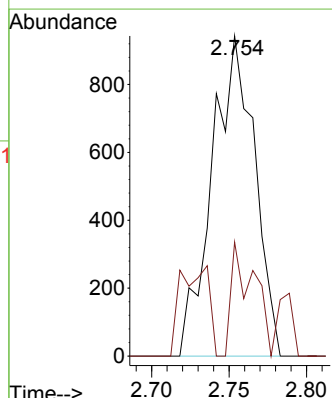
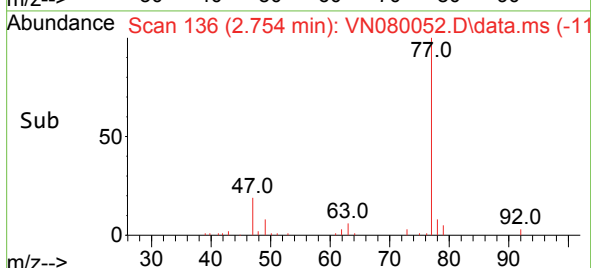
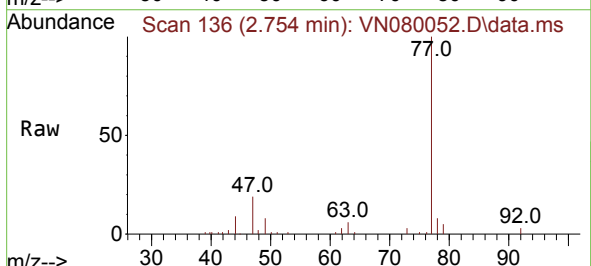


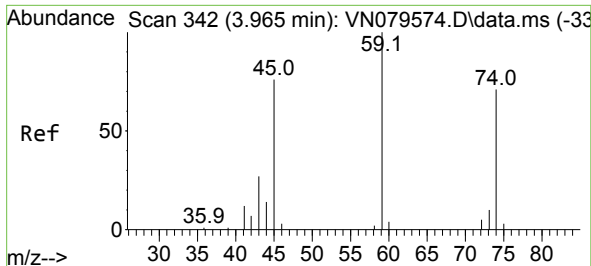
Tgt Ion:128 Resp: 106835
Ion Ratio Lower Upper
128 100
49 173.0 0.0 468.5
130 127.8 0.0 320.7



#4
Vinyl Chloride
Concen: 0.245 ug/l
RT: 2.754 min Scan# 136
Delta R.T. 0.236 min
Lab File: VN080052.D
Acq: 10 Nov 2023 14:53

Tgt Ion: 62 Resp: 1793
Ion Ratio Lower Upper
62 100
64 18.0 26.4 39.6#





#8

Diethyl Ether

Concen: 0.391 ug/l

RT: 3.959 min Scan# 34

Delta R.T. -0.006 min

Lab File: VN080052.D

Acq: 10 Nov 2023 14:53

Instrument :

MSVOA_N

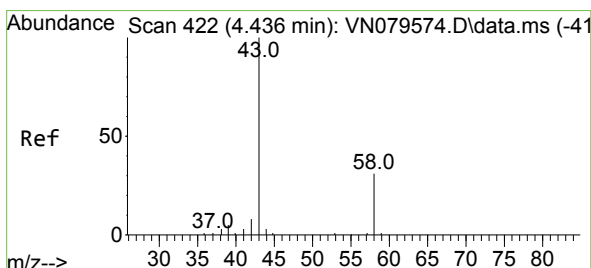
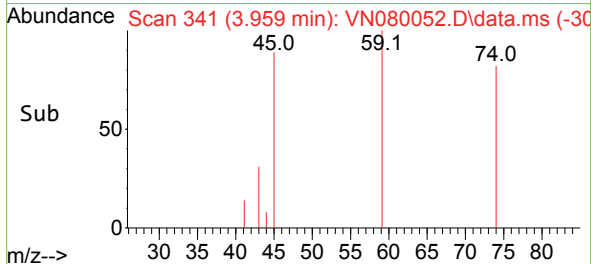
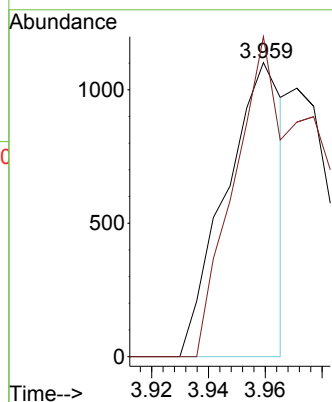
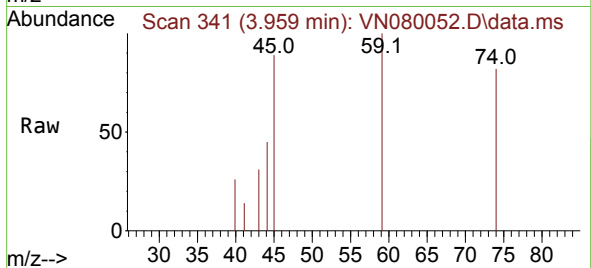
ClientSampleId :

Tgt Ion: 74 Resp: 1544

Ion Ratio Lower Upper

74 100

45 87.8 19.0 171.0



#15

Acetone

Concen: 20.752 ug/l

RT: 4.430 min Scan# 421

Delta R.T. -0.006 min

Lab File: VN080052.D

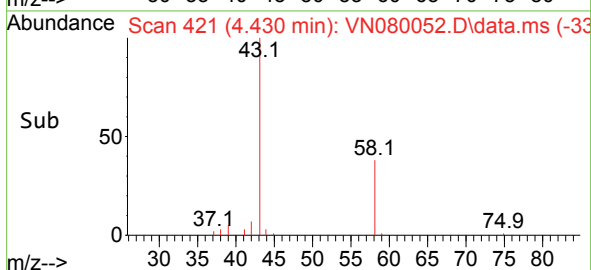
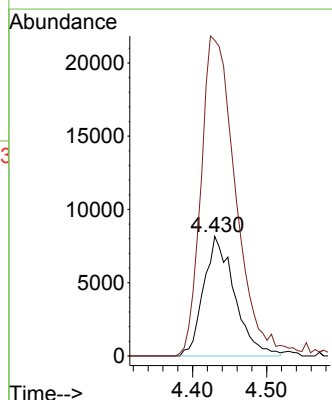
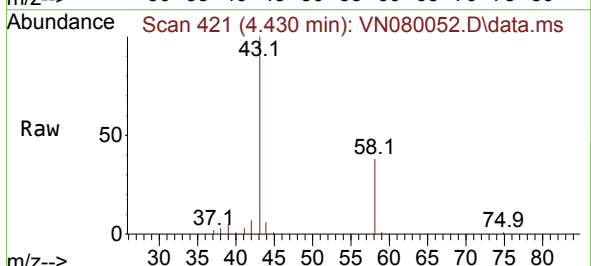
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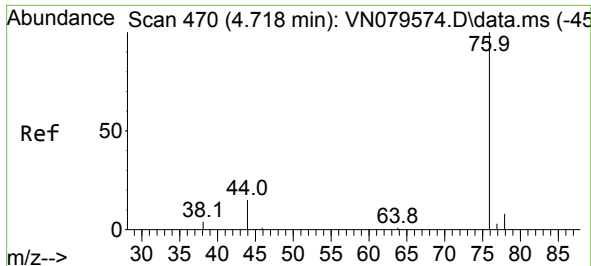
Tgt Ion: 58 Resp: 23734

Ion Ratio Lower Upper

58 100

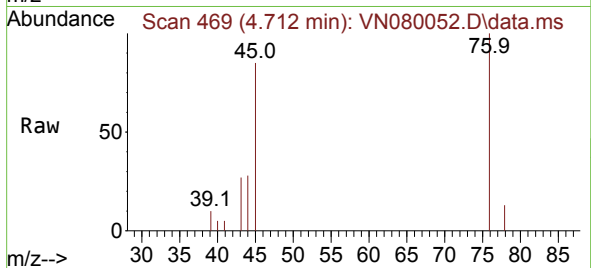
43 261.8 225.2 337.8



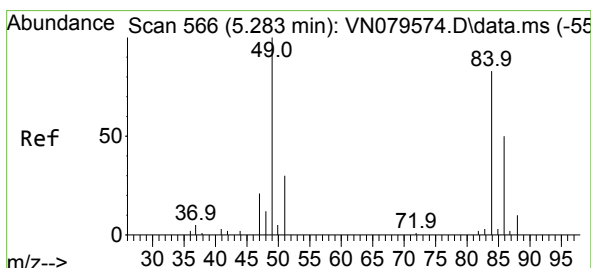
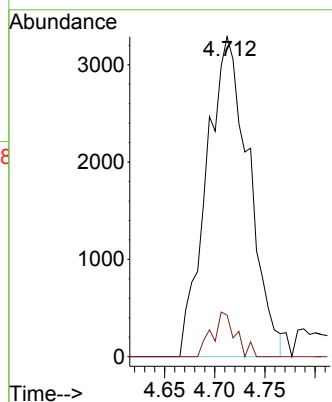
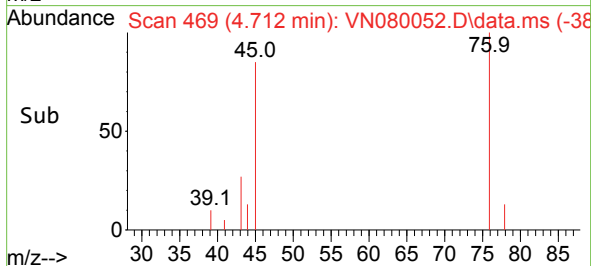


#16
Carbon Disulfide
Concen: 0.514 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN080052.D
Acq: 10 Nov 2023 14:53

Instrument :
MSVOA_N
ClientSampleId :

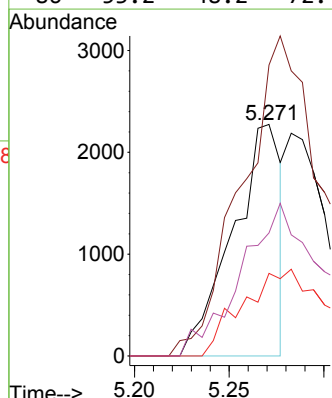
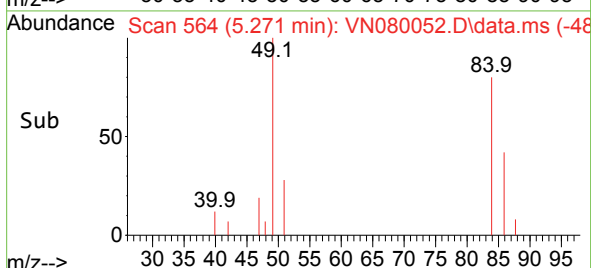
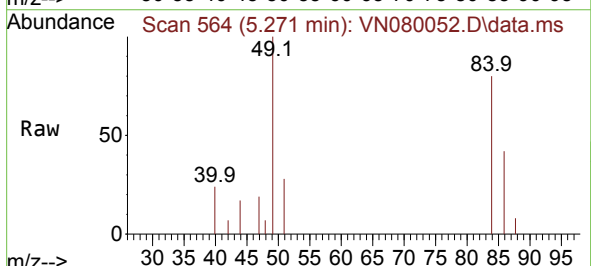


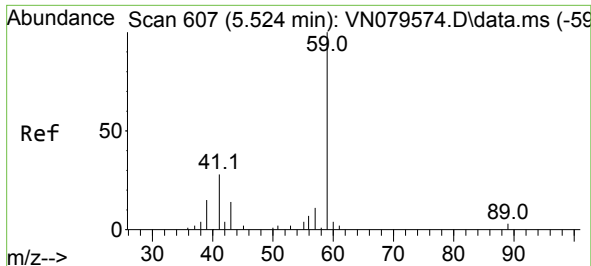
Tgt Ion: 76 Resp: 9662
Ion Ratio Lower Upper
76 100
78 13.0 7.5 11.3#



#18
Methylene Chloride
Concen: 0.546 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.012 min
Lab File: VN080052.D
Acq: 10 Nov 2023 14:53

Tgt Ion: 84 Resp: 4028
Ion Ratio Lower Upper
84 100
49 119.0 100.9 151.3
51 35.7 29.4 44.2
86 53.2 48.2 72.4

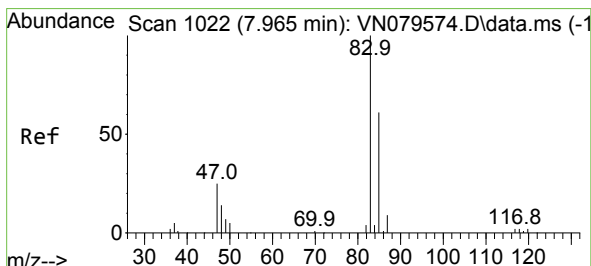
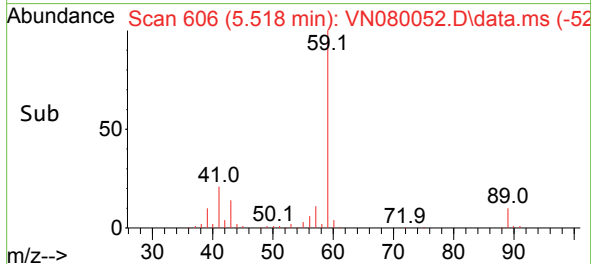
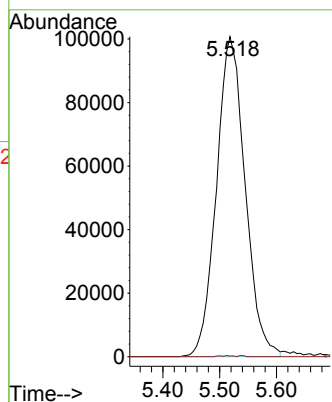
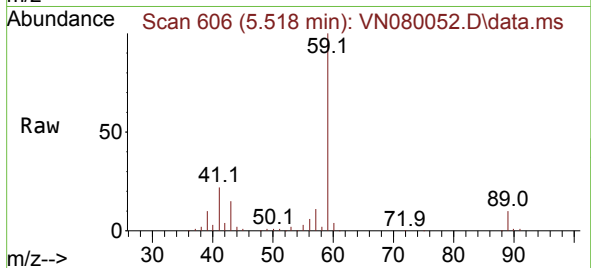




#23
tert-Butyl Alcohol
Concen: 386.151 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN080052.D
Acq: 10 Nov 2023 14:53

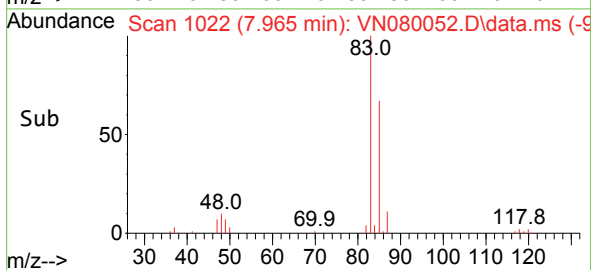
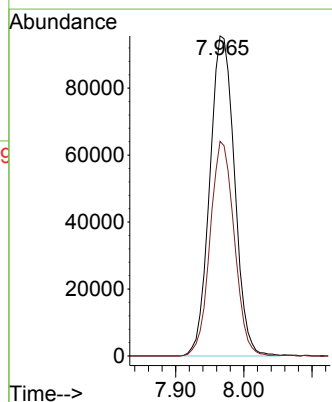
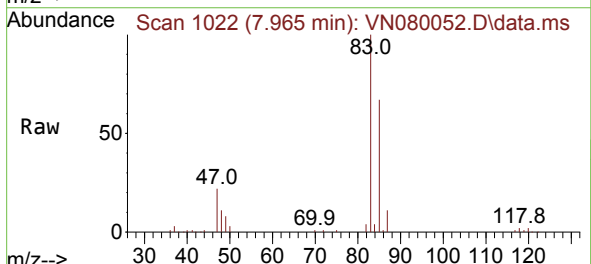
Instrument :
MSVOA_N
ClientSampleId :

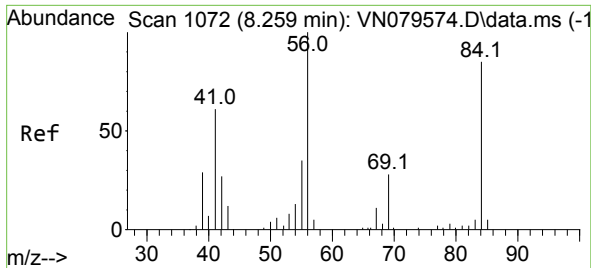
Tgt Ion: 59 Resp: 353043
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0#



#25
Chloroform
Concen: 17.473 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN080052.D
Acq: 10 Nov 2023 14:53

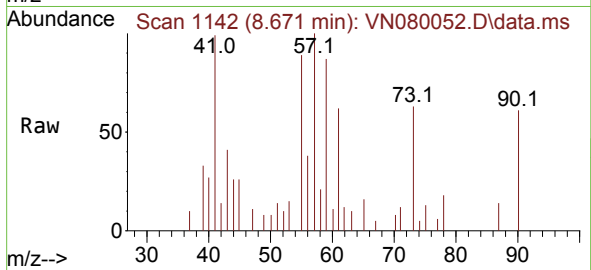
Tgt Ion: 83 Resp: 241824
Ion Ratio Lower Upper
83 100
85 67.0 47.4 71.2



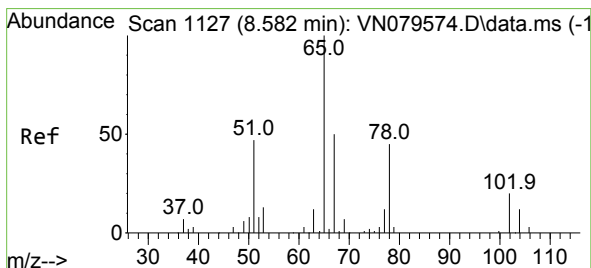
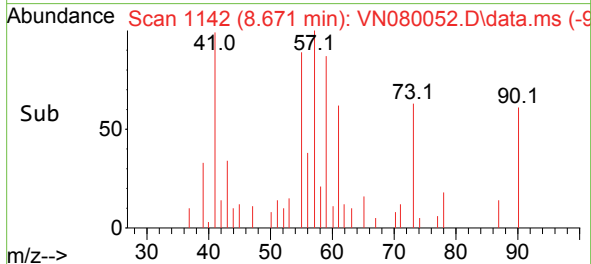
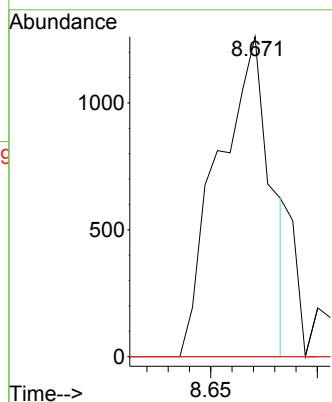


#26
Cyclohexane
Concen: 0.204 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.412 min
Lab File: VN080052.D
Acq: 10 Nov 2023 14:53

Instrument :
MSVOA_N
ClientSampleId :

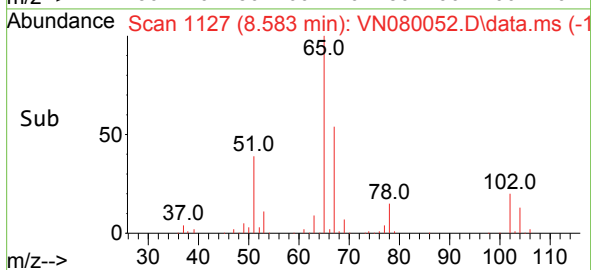
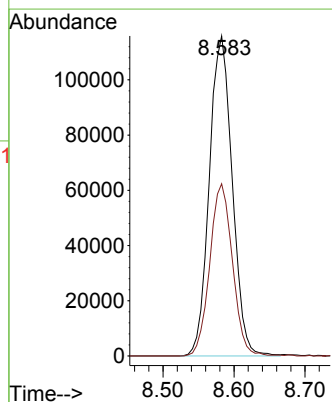
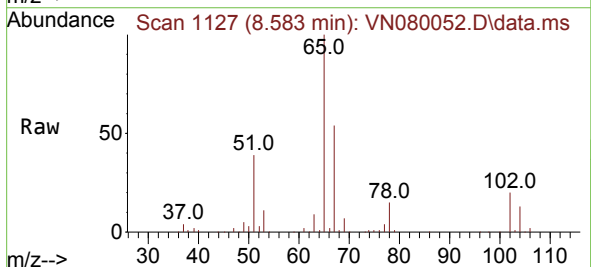


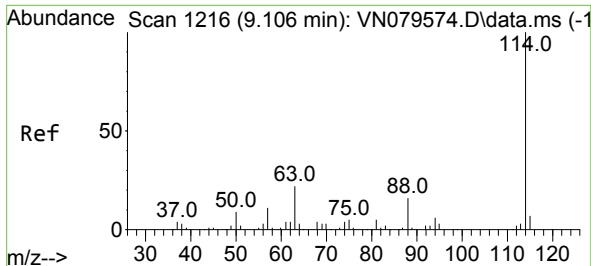
Tgt Ion: 56 Resp: 2154
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 3.2 69.0 103.4#



#27
1,2-Dichloroethane-d4
Concen: 28.970 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN080052.D
Acq: 10 Nov 2023 14:53

Tgt Ion: 65 Resp: 259800
Ion Ratio Lower Upper
65 100
67 53.0 42.1 63.1

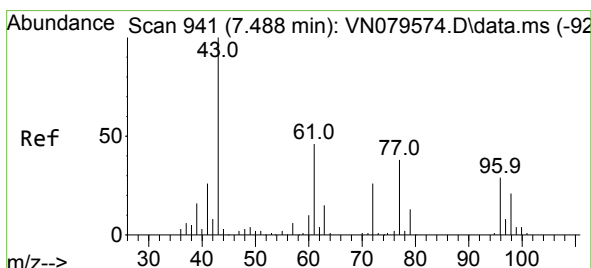
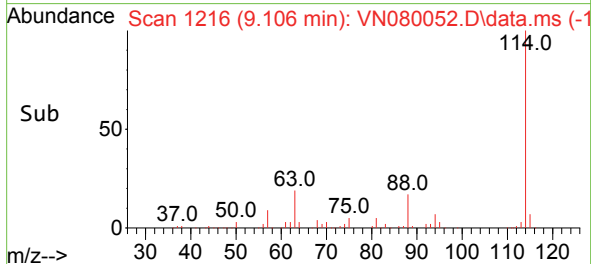
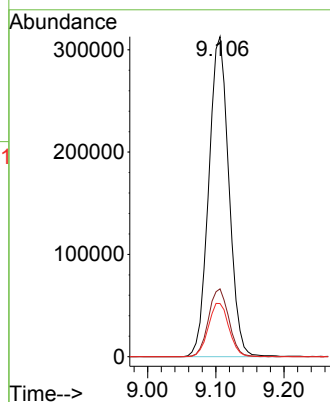
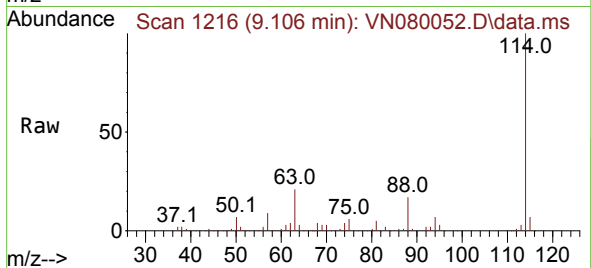




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN080052.D
Acq: 10 Nov 2023 14:53

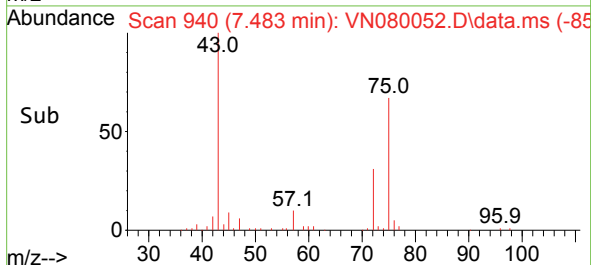
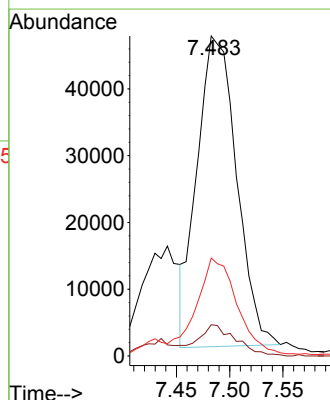
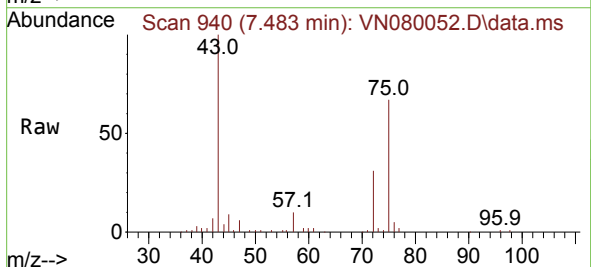
Instrument :
MSVOA_N
ClientSampleId :

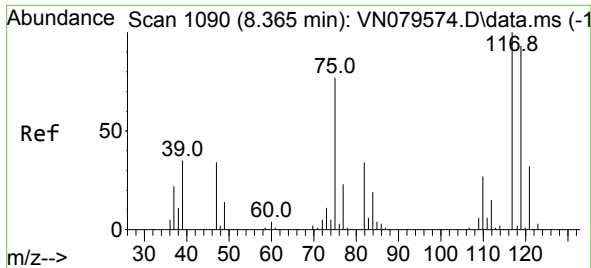
Tgt Ion:114 Resp: 641167
Ion Ratio Lower Upper
114 100
63 21.4 18.1 27.1
88 17.1 12.2 18.2



#30
2-Butanone
Concen: 22.849 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.005 min
Lab File: VN080052.D
Acq: 10 Nov 2023 14:53

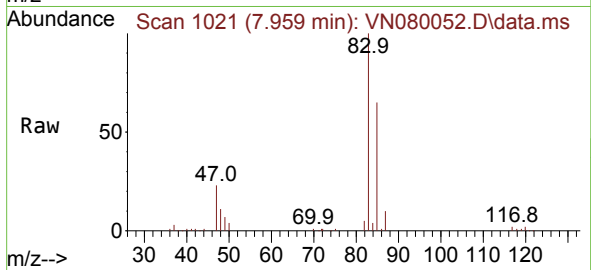
Tgt Ion: 43 Resp: 120079
Ion Ratio Lower Upper
43 100
57 9.2 6.4 9.6
72 33.3 20.7 31.1#



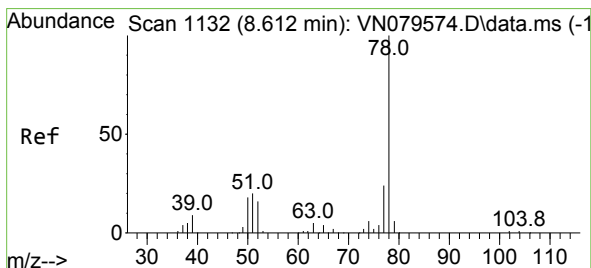
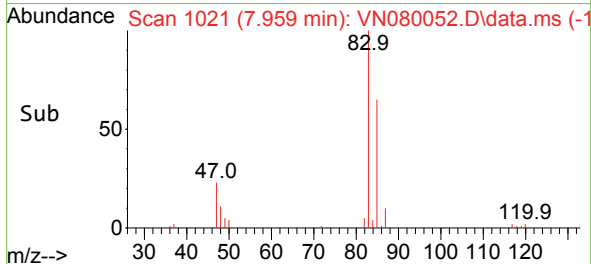
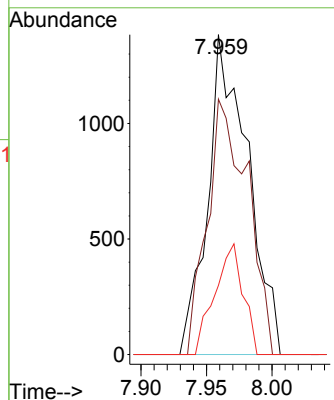


#33
Carbon Tetrachloride
Concen: 0.265 ug/l
RT: 7.959 min Scan# 1109
Delta R.T. -0.406 min
Lab File: VN080052.D
Acq: 10 Nov 2023 14:53

Instrument :
MSVOA_N
ClientSampleId :

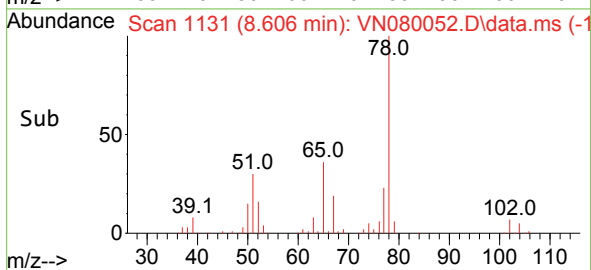
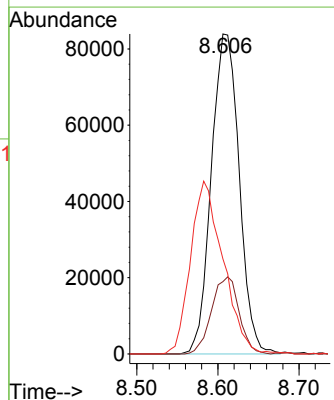
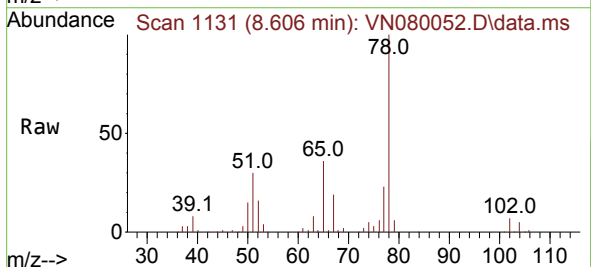


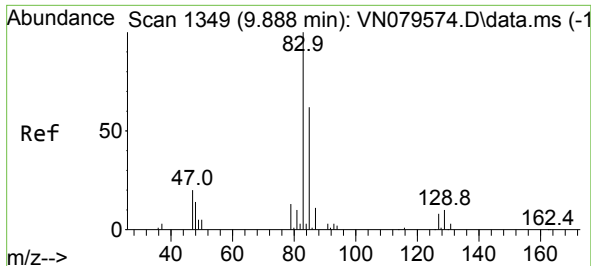
Tgt Ion:117 Resp: 2928
Ion Ratio Lower Upper
117 100
119 79.8 75.0 112.6
121 21.6 24.3 36.5#



#34
Benzene
Concen: 6.126 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN080052.D
Acq: 10 Nov 2023 14:53

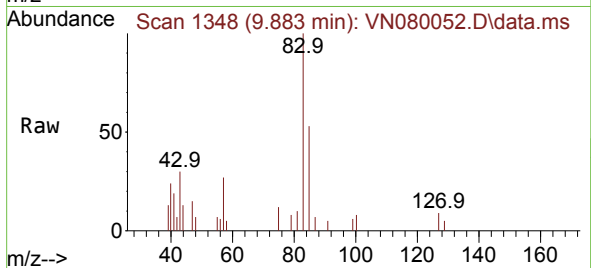
Tgt Ion: 78 Resp: 200243
Ion Ratio Lower Upper
78 100
77 22.6 19.7 29.5
51 29.3 15.8 23.6#



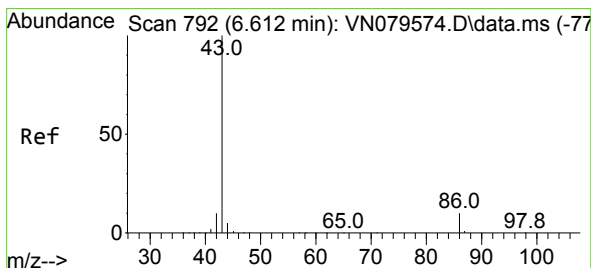
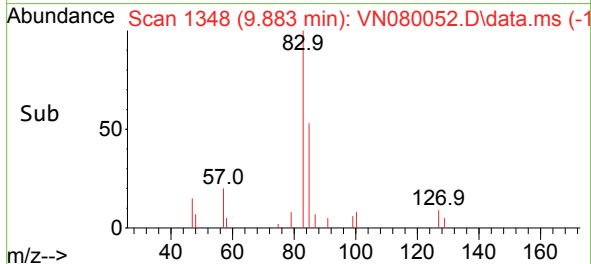
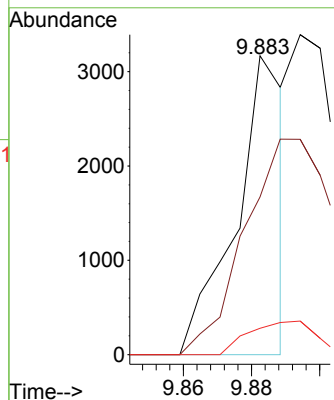


#41
Bromodichloromethane
Concen: 0.274 ug/l
RT: 9.883 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN080052.D
Acq: 10 Nov 2023 14:53

Instrument :
MSVOA_N
ClientSampleId :

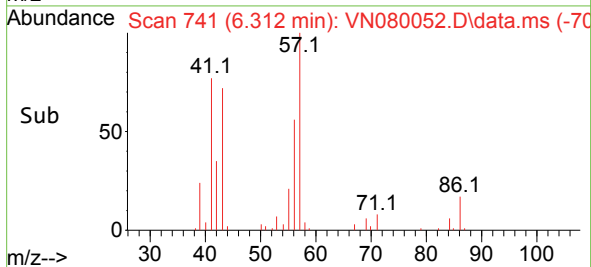
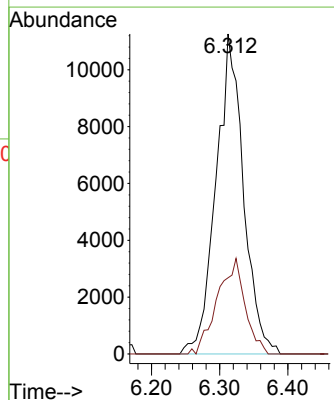
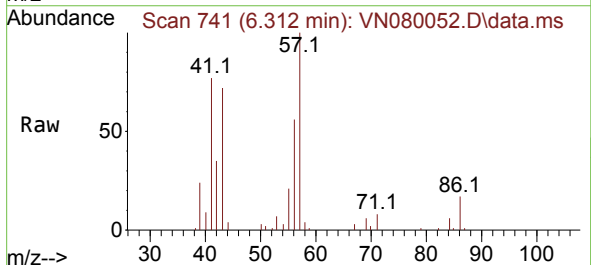


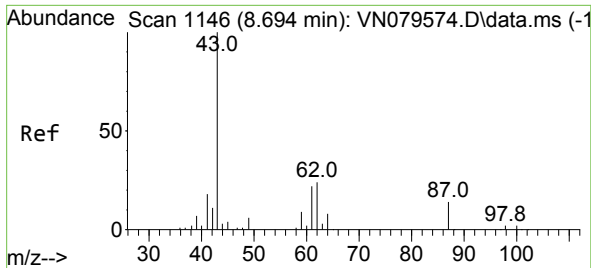
Tgt Ion: 83 Resp: 3168
Ion Ratio Lower Upper
83 100
85 52.8 50.3 75.5
127 8.8 6.8 10.2



#42
Vinyl Acetate
Concen: 2.414 ug/l
RT: 6.312 min Scan# 741
Delta R.T. -0.300 min
Lab File: VN080052.D
Acq: 10 Nov 2023 14:53

Tgt Ion: 43 Resp: 31512
Ion Ratio Lower Upper
43 100
86 29.8 8.2 12.2#

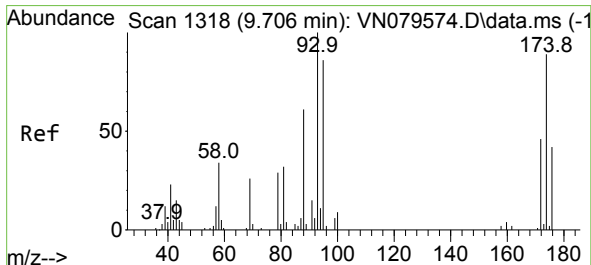
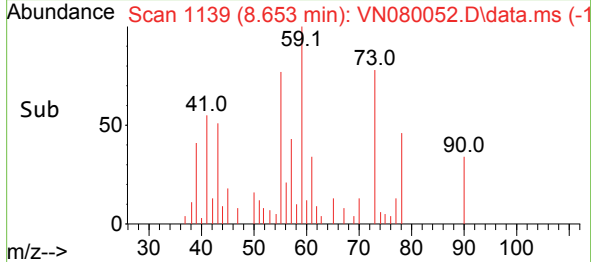
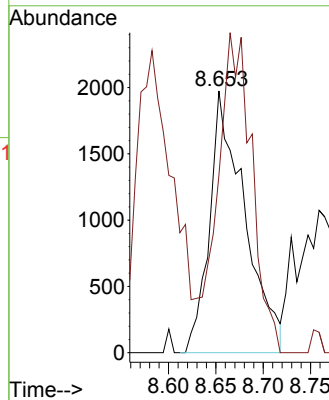
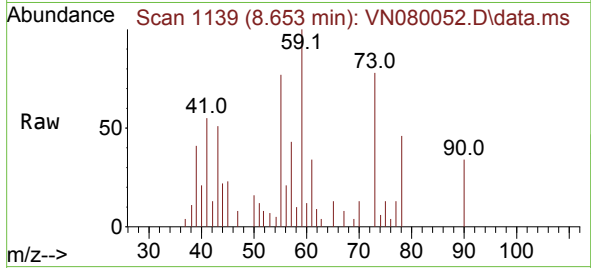




#44
Isopropyl Acetate
Concen: 0.316 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.041 min
Lab File: VN080052.D
Acq: 10 Nov 2023 14:53

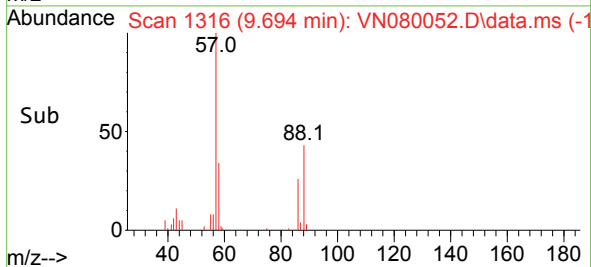
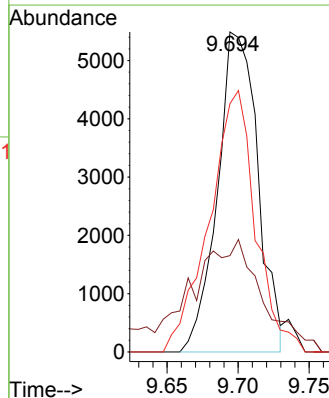
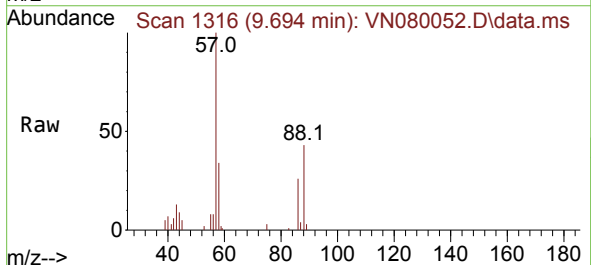
Instrument :
MSVOA_N
ClientSampleId :

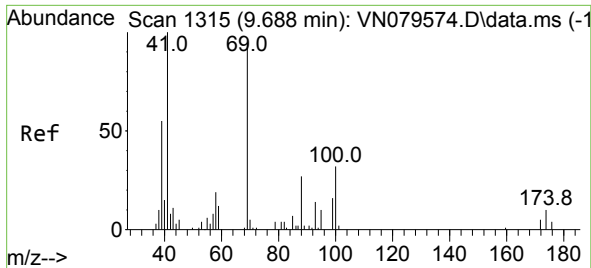
Tgt Ion: 43 Resp: 5084
Ion Ratio Lower Upper
43 100
61 117.9 20.3 30.5#



#45
1,4-Dioxane
Concen: 87.402 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.012 min
Lab File: VN080052.D
Acq: 10 Nov 2023 14:53

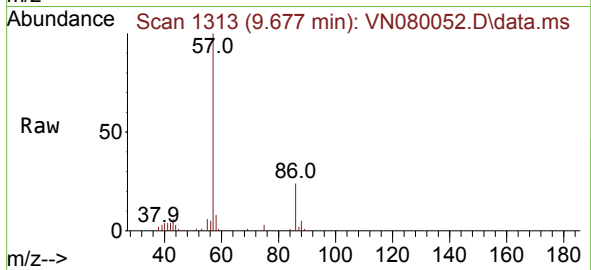
Tgt Ion: 88 Resp: 10835
Ion Ratio Lower Upper
88 100
43 15.2 28.7 43.1#
58 93.9 56.9 85.3#



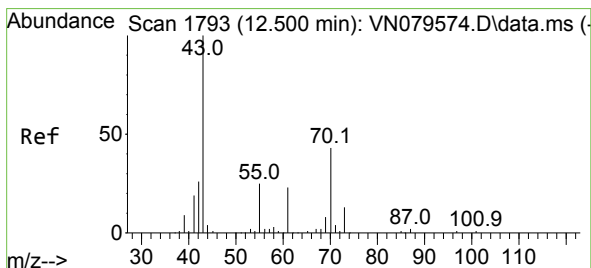
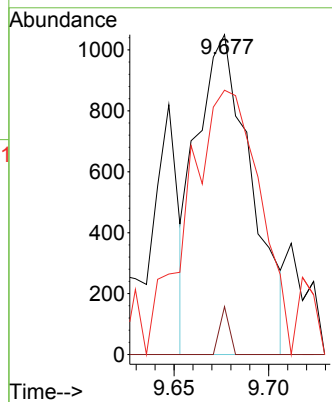
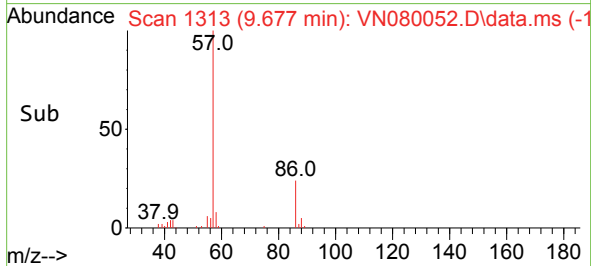


#46
Methyl methacrylate
Concen: 0.274 ug/l
RT: 9.677 min Scan# 11
Delta R.T. -0.011 min
Lab File: VN080052.D
Acq: 10 Nov 2023 14:53

Instrument :
MSVOA_N
ClientSampleId :

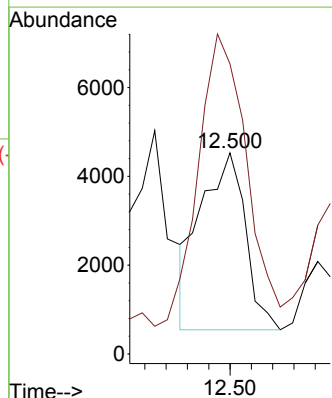
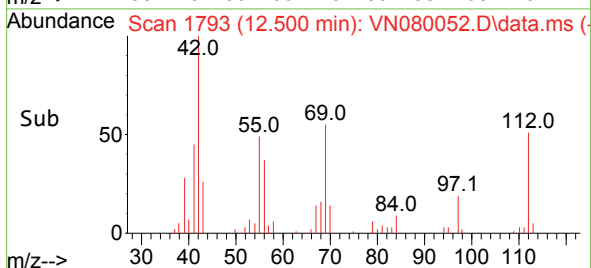
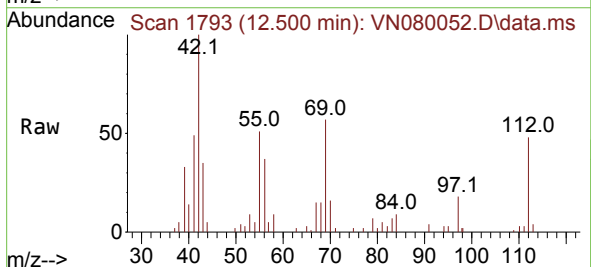


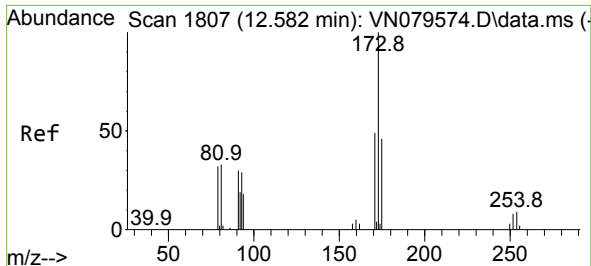
Tgt Ion: 41 Resp: 2117
Ion Ratio Lower Upper
41 100
69 20.3 40.0 119.9#
39 78.2 31.1 93.3



#47
n-amy1 Acetate
Concen: 0.448 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN080052.D
Acq: 10 Nov 2023 14:53

Tgt Ion: 43 Resp: 5788
Ion Ratio Lower Upper
43 100
55 179.3 20.7 31.1#

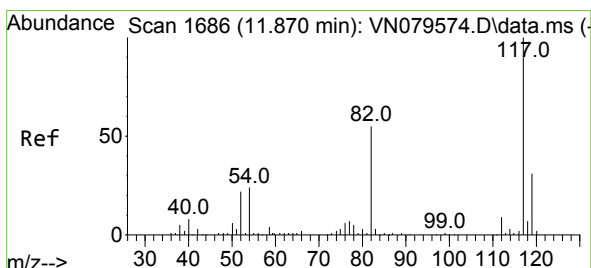
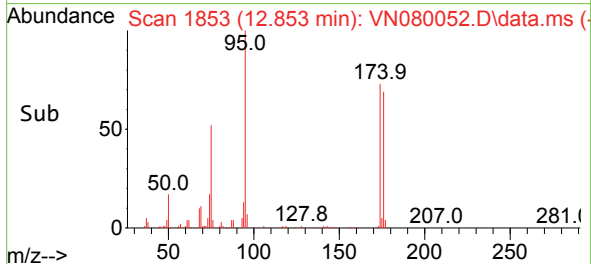
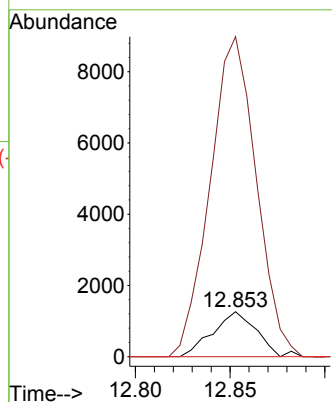
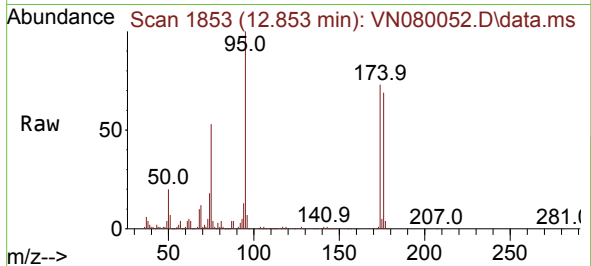




#56
Bromoform
Concen: 0.373 ug/l
RT: 12.853 min Scan# 1807
Delta R.T. 0.271 min
Lab File: VN080052.D
Acq: 10 Nov 2023 14:53

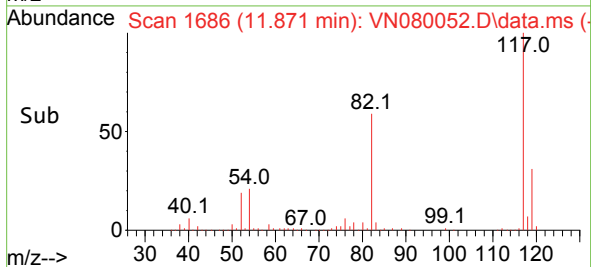
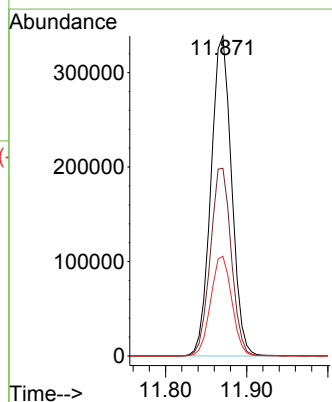
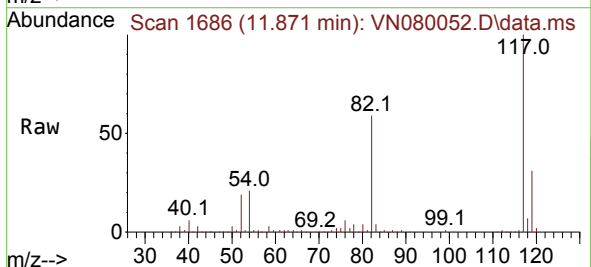
Instrument :
MSVOA_N
ClientSampleId :

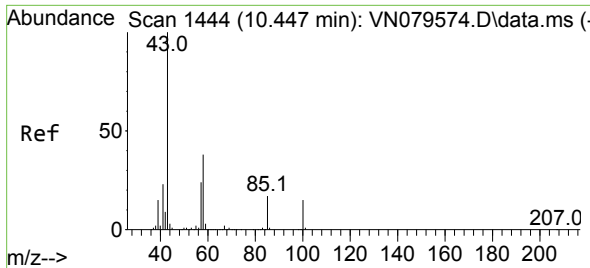
Tgt Ion:173 Resp: 1994
Ion Ratio Lower Upper
173 100
175 764.2 37.9 56.9#
254 0.0 7.3 10.9#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN080052.D
Acq: 10 Nov 2023 14:53

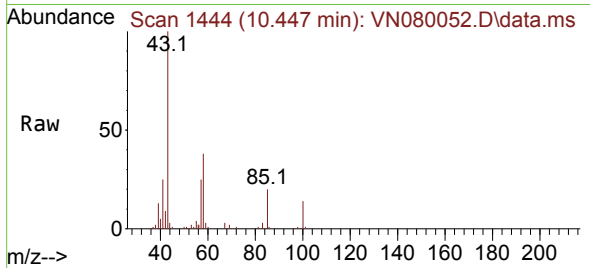
Tgt Ion:117 Resp: 598862
Ion Ratio Lower Upper
117 100
82 59.5 46.2 69.2
119 32.0 25.2 37.8



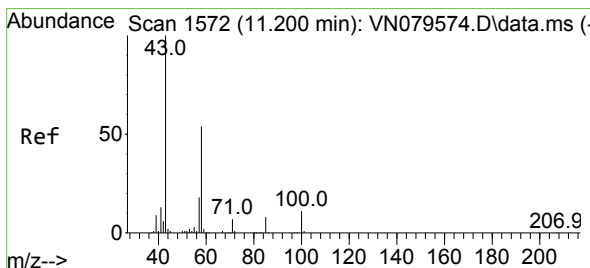
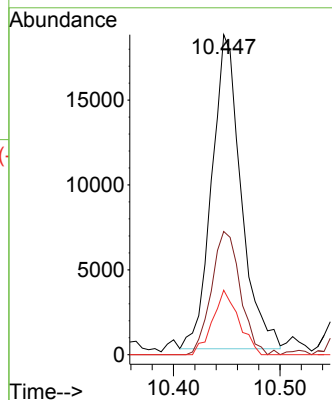
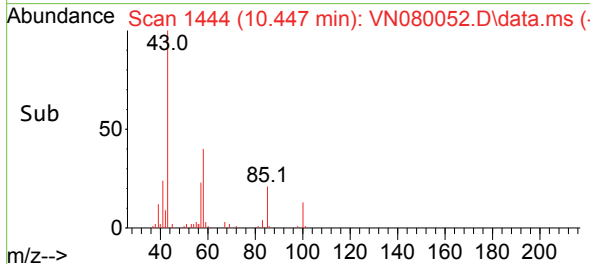


#58
4-Methyl-2-Pentanone
Concen: 3.532 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080052.D
Acq: 10 Nov 2023 14:53

Instrument :
MSVOA_N
ClientSampleId :

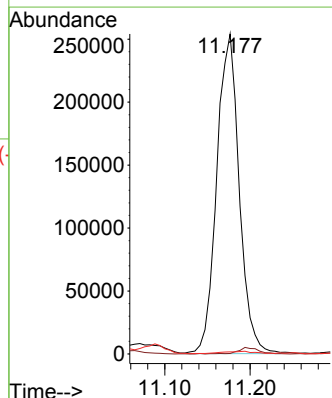
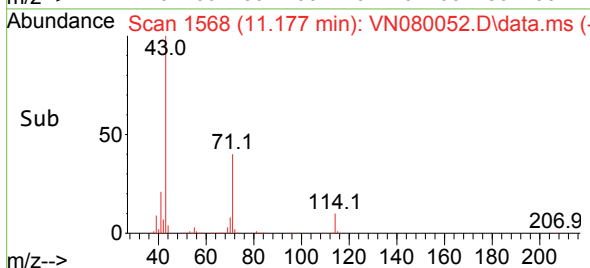
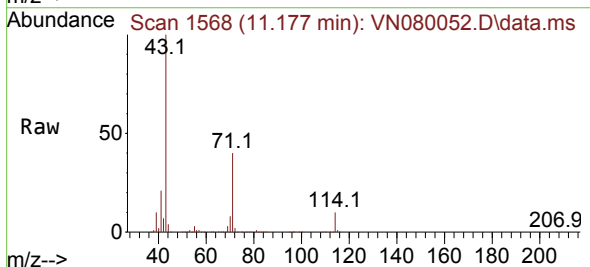


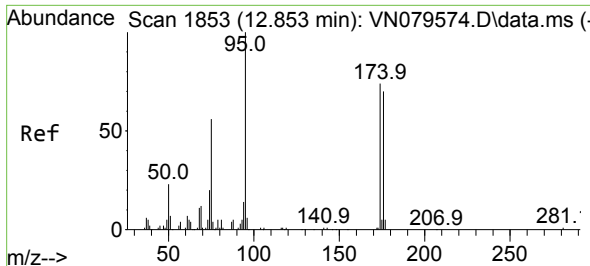
Tgt Ion: 43 Resp: 35336
Ion Ratio Lower Upper
43 100
58 38.4 30.4 45.6
85 18.3 13.2 19.8



#59
2-Hexanone
Concen: 61.061 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. -0.023 min
Lab File: VN080052.D
Acq: 10 Nov 2023 14:53

Tgt Ion: 43 Resp: 465374
Ion Ratio Lower Upper
43 100
58 0.1 42.3 63.5#
57 0.0 13.9 20.9#

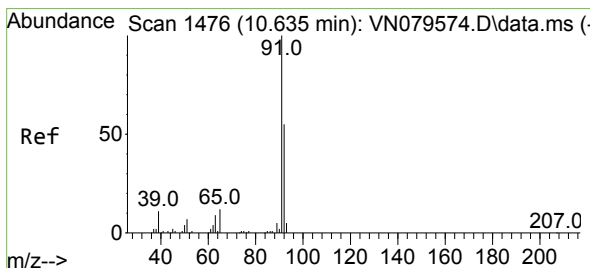
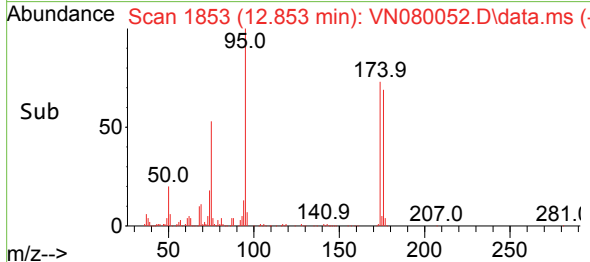
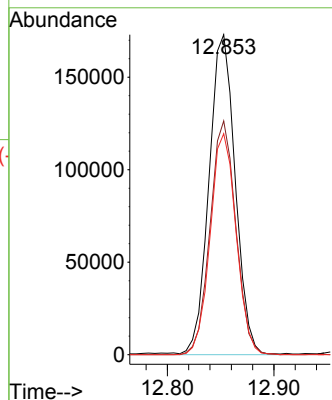
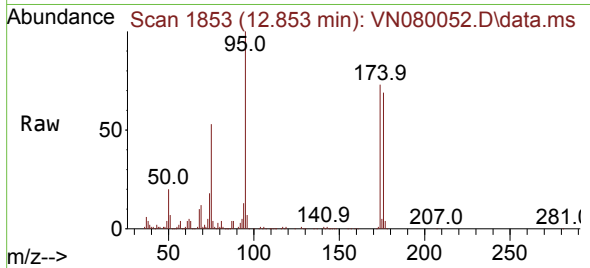




#60
4-Bromofluorobenzene
Concen: 30.839 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN080052.D
Acq: 10 Nov 2023 14:53

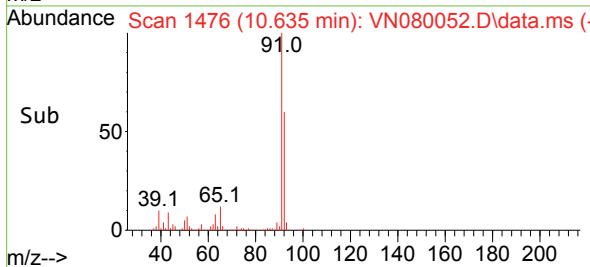
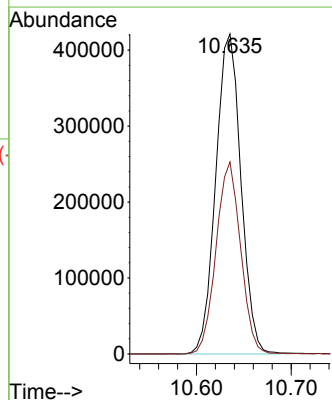
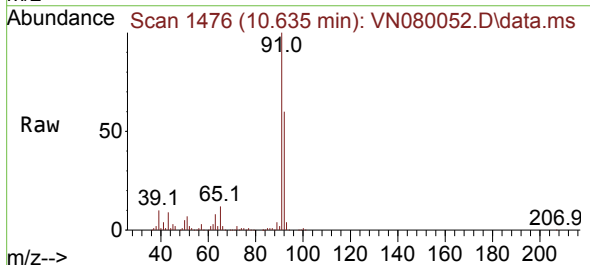
Instrument :
MSVOA_N
ClientSampleId :

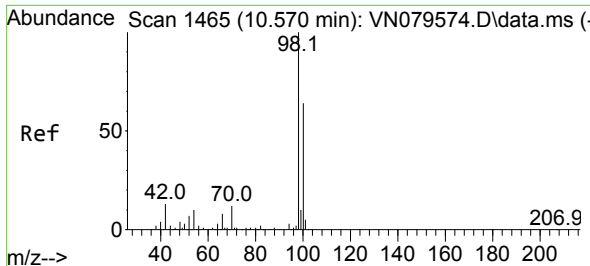
Tgt Ion: 95 Resp: 295339
Ion Ratio Lower Upper
95 100
174 71.9 60.5 90.7
176 68.3 57.2 85.8



#62
Toluene
Concen: 22.503 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN080052.D
Acq: 10 Nov 2023 14:53

Tgt Ion: 91 Resp: 779421
Ion Ratio Lower Upper
91 100
92 58.4 45.3 67.9

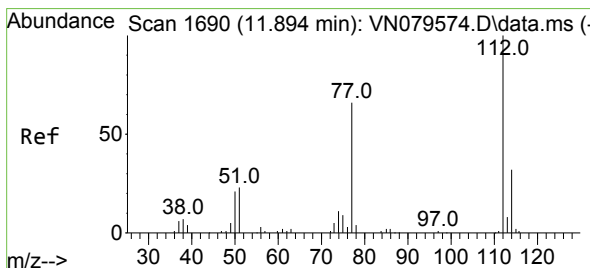
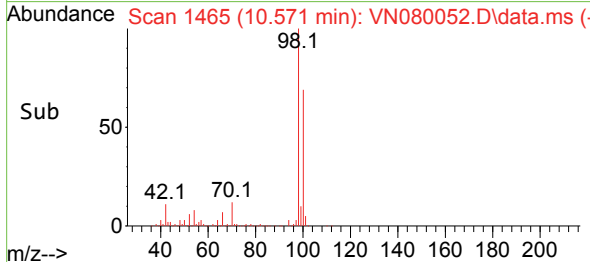
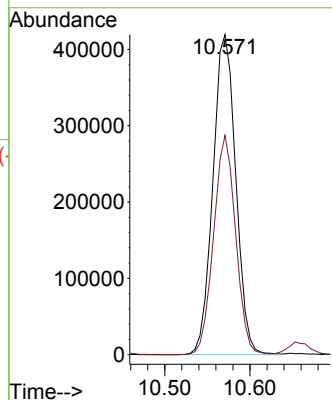
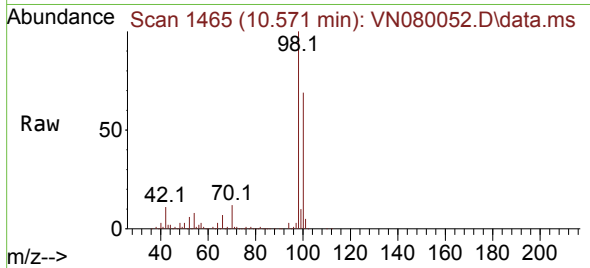




#63
Toluene-d8
Concen: 27.552 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN080052.D
Acq: 10 Nov 2023 14:53

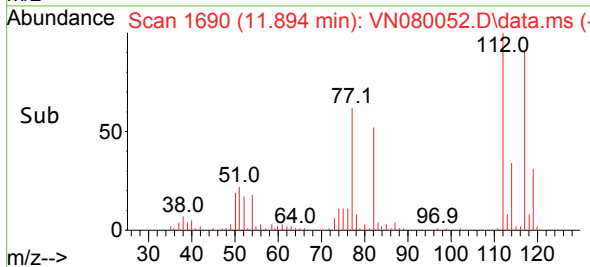
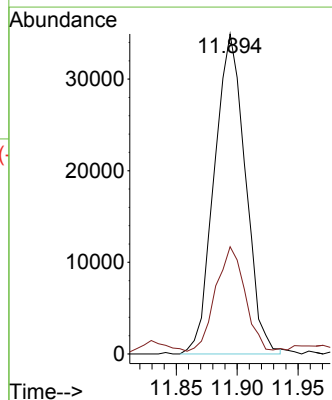
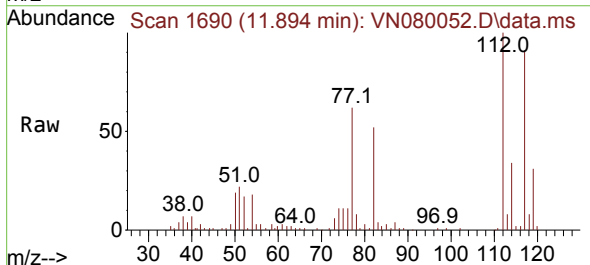
Instrument :
MSVOA_N
ClientSampleId :

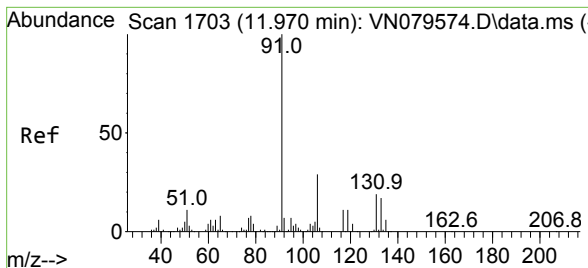
Tgt Ion: 98 Resp: 781802
Ion Ratio Lower Upper
98 100
100 66.0 51.6 77.4



#64
Chlorobenzene
Concen: 3.008 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN080052.D
Acq: 10 Nov 2023 14:53

Tgt Ion: 112 Resp: 62181
Ion Ratio Lower Upper
112 100
114 31.9 28.1 42.1





#66

Ethyl Benzene

Concen: 8.980 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.005 min

Lab File: VN080052.D

Acq: 10 Nov 2023 14:53

Instrument :

MSVOA_N

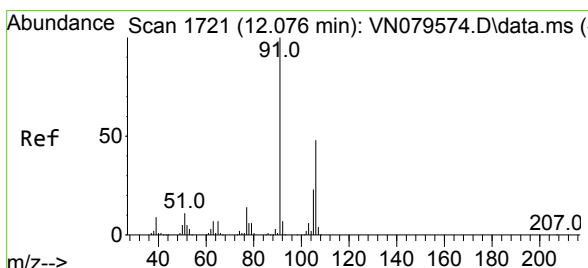
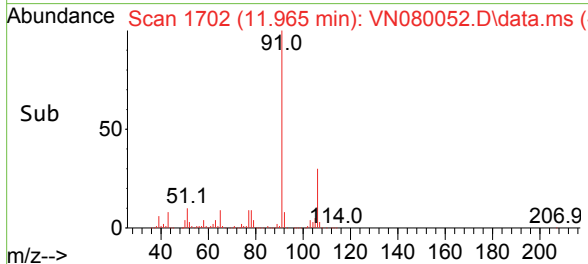
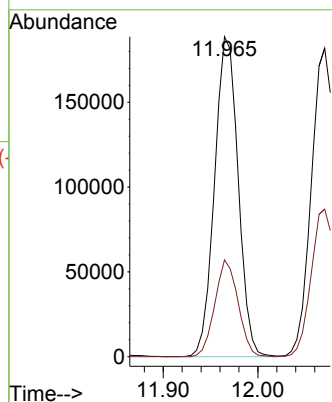
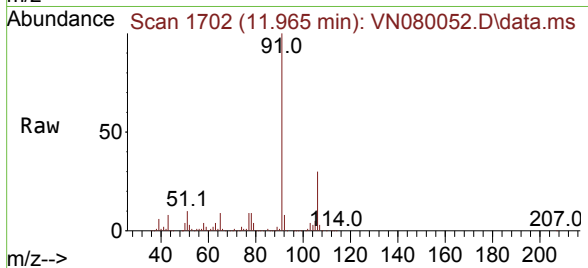
ClientSampleId :

Tgt Ion: 91 Resp: 326853

Ion Ratio Lower Upper

91 100

106 30.3 23.8 35.8



#67

m/p-Xylenes

Concen: 12.189 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. -0.005 min

Lab File: VN080052.D

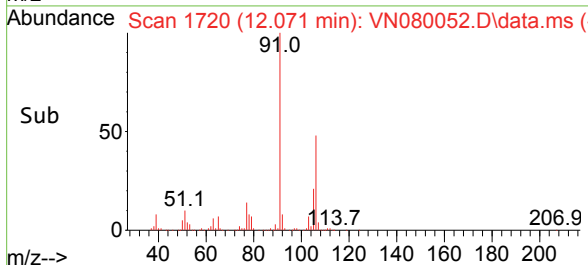
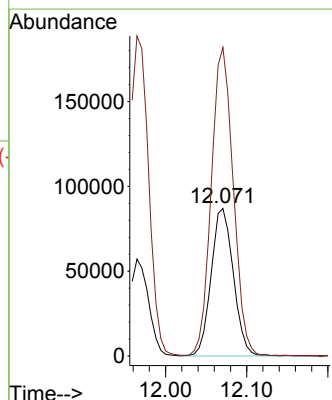
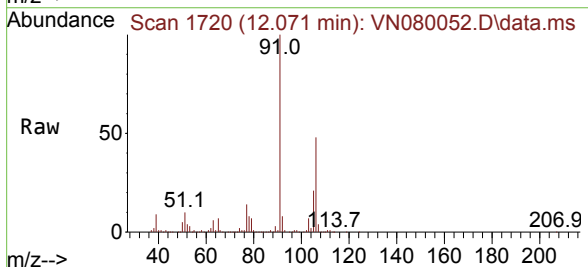
Acq: 10 Nov 2023 14:53

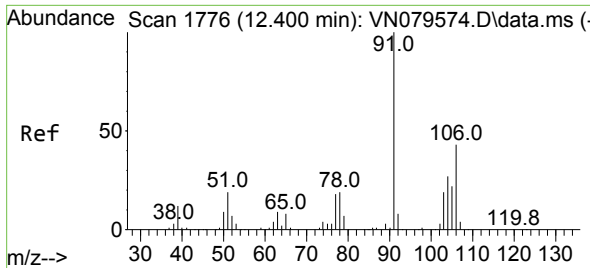
Tgt Ion:106 Resp: 165165

Ion Ratio Lower Upper

106 100

91 206.8 161.8 242.6

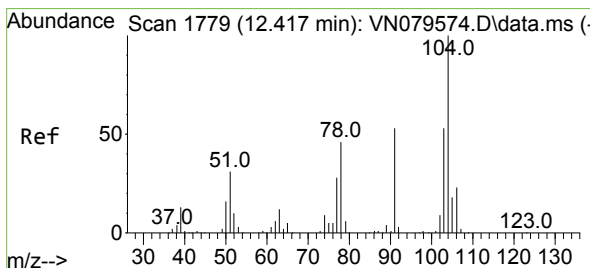
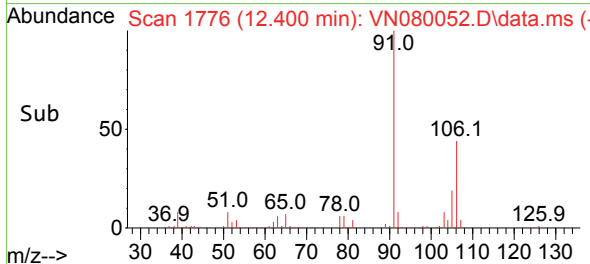
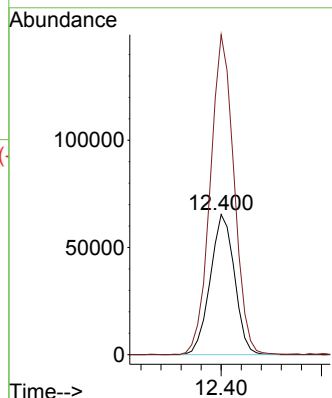
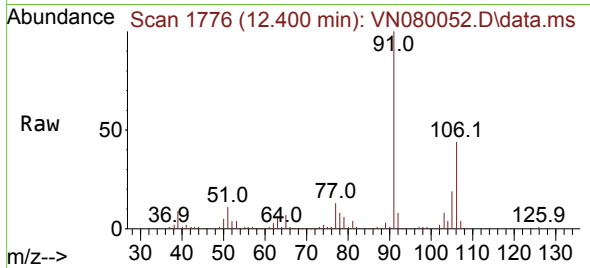




#68
o-Xylene
Concen: 8.473 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080052.D
Acq: 10 Nov 2023 14:53

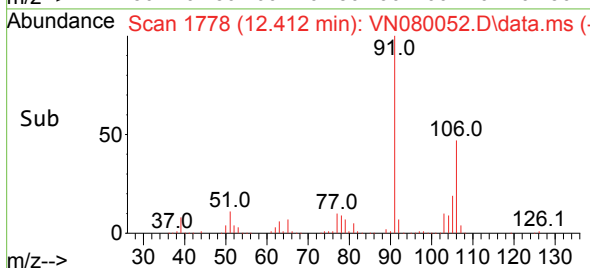
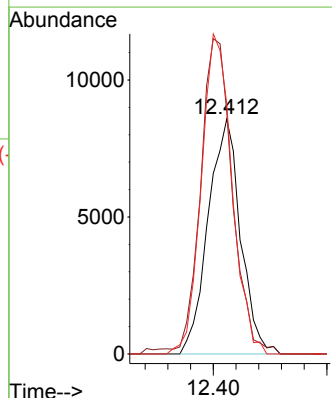
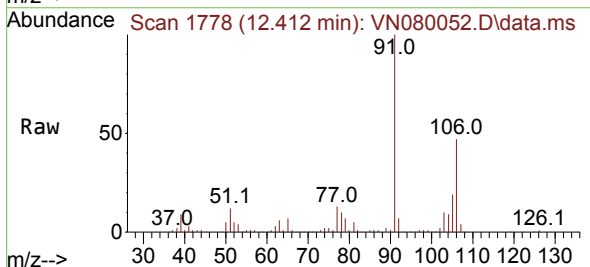
Instrument :
MSVOA_N
ClientSampleId :

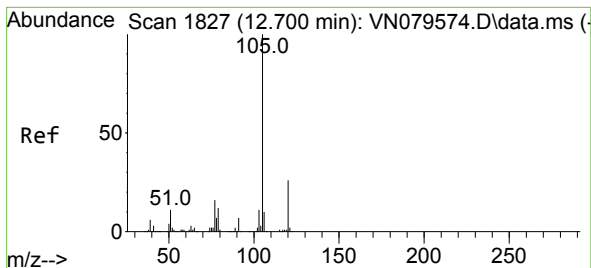
Tgt Ion:106 Resp: 110053
Ion Ratio Lower Upper
106 100
91 223.5 109.9 329.7



#69
Styrene
Concen: 0.788 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.005 min
Lab File: VN080052.D
Acq: 10 Nov 2023 14:53

Tgt Ion:104 Resp: 16940
Ion Ratio Lower Upper
104 100
78 131.4 41.2 61.8#
103 128.8 43.1 64.7#





#70

Isopropylbenzene

Concen: 1.470 ug/l

RT: 12.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080052.D

Acq: 10 Nov 2023 14:53

Instrument :

MSVOA_N

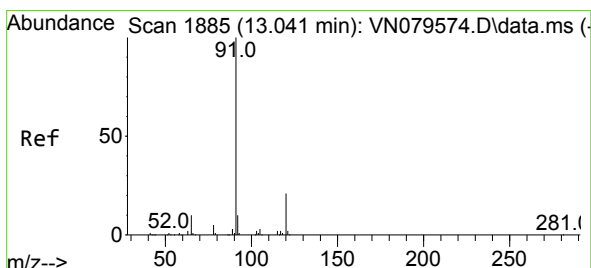
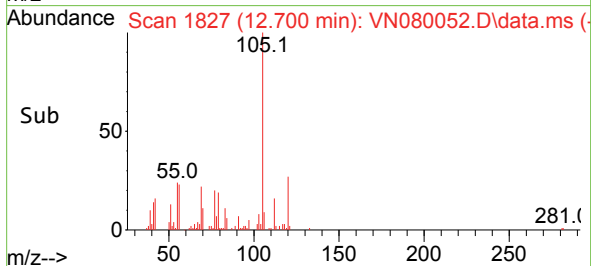
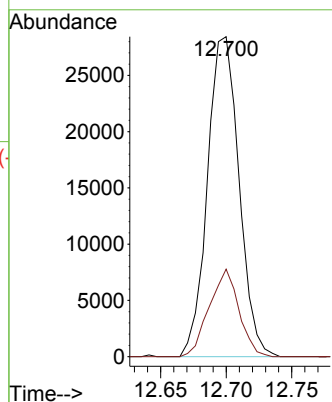
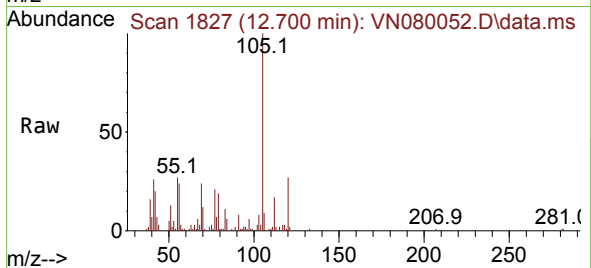
ClientSampleId :

Tgt Ion:105 Resp: 47615

Ion Ratio Lower Upper

105 100

120 25.7 18.1 33.5



#74

n-propylbenzene

Concen: 0.647 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN080052.D

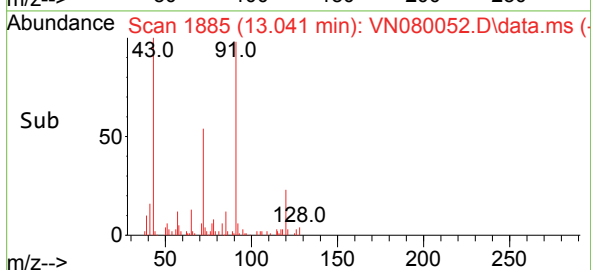
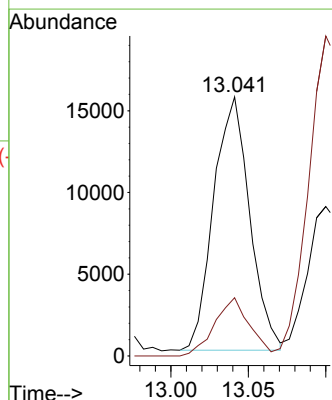
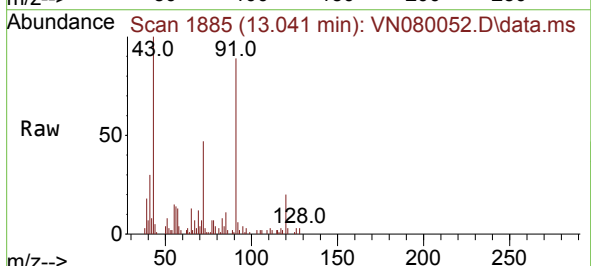
Acq: 10 Nov 2023 14:53

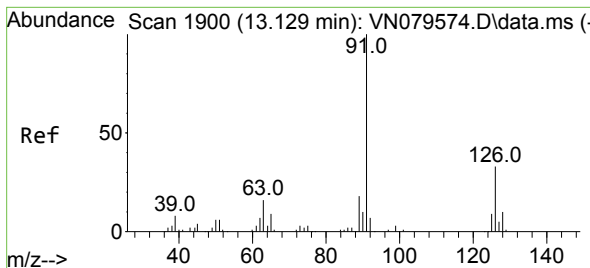
Tgt Ion: 91 Resp: 25069

Ion Ratio Lower Upper

91 100

120 22.2 0.0 42.0





#75

2-Chlorotoluene

Concen: 0.528 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN080052.D

Acq: 10 Nov 2023 14:53

Instrument :

MSVOA_N

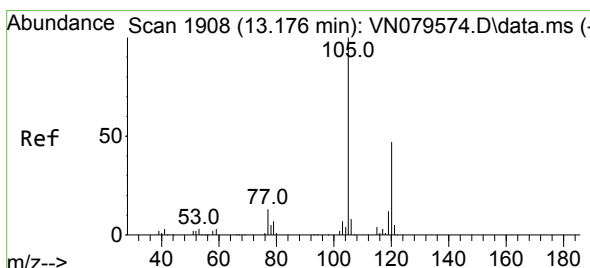
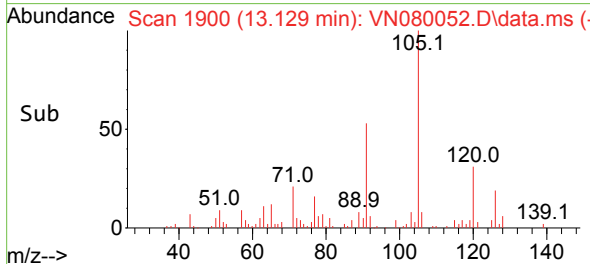
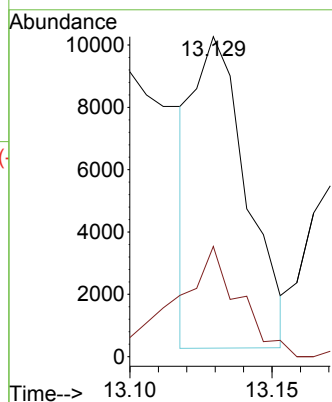
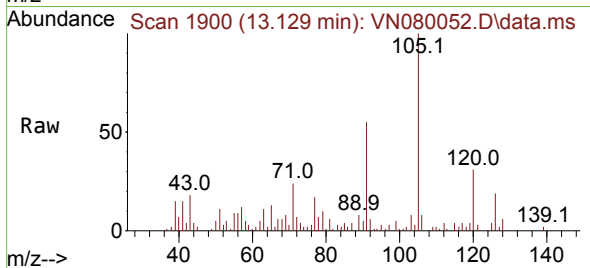
ClientSampleId :

Tgt Ion: 91 Resp: 12998

Ion Ratio Lower Upper

91 100

126 43.8 0.0 64.6



#76

1,3,5-Trimethylbenzene

Concen: 3.264 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN080052.D

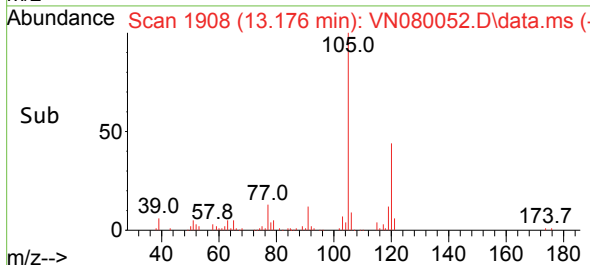
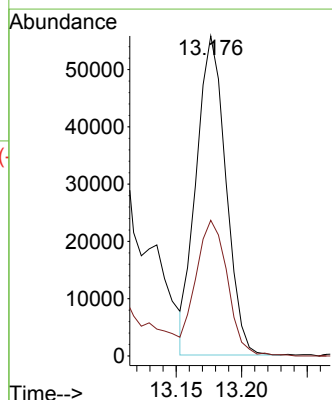
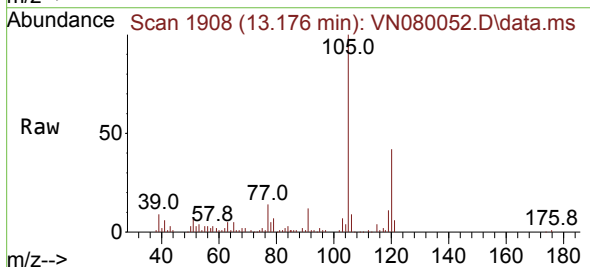
Acq: 10 Nov 2023 14:53

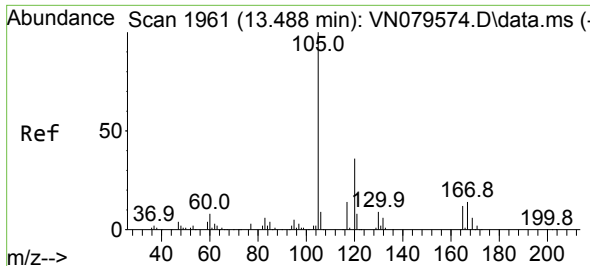
Tgt Ion: 105 Resp: 87476

Ion Ratio Lower Upper

105 100

120 44.6 0.0 93.2

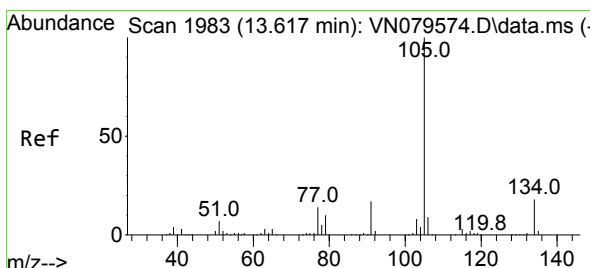
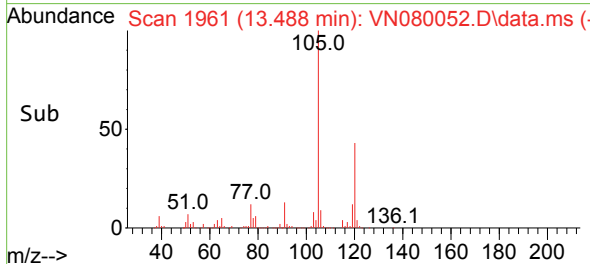
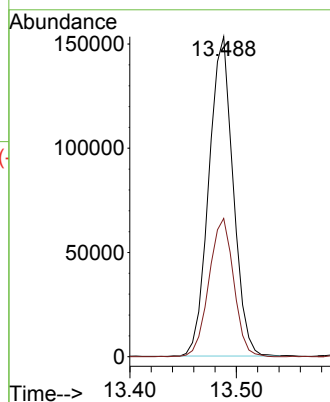
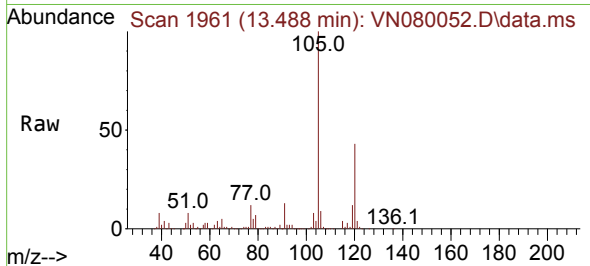




#80
1,2,4-Trimethylbenzene
Concen: 9.218 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN080052.D
Acq: 10 Nov 2023 14:53

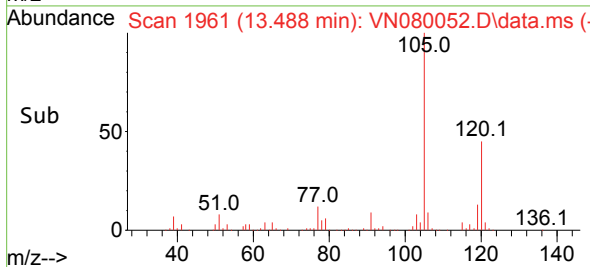
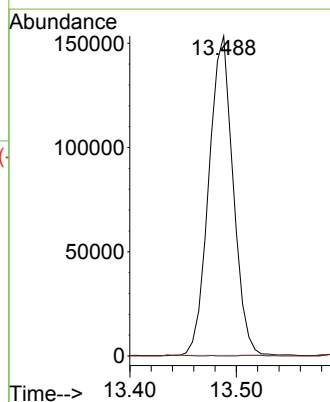
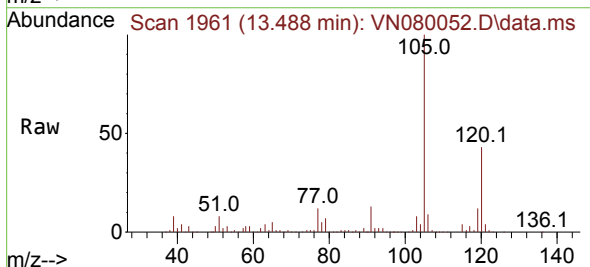
Instrument :
MSVOA_N
ClientSampleId :

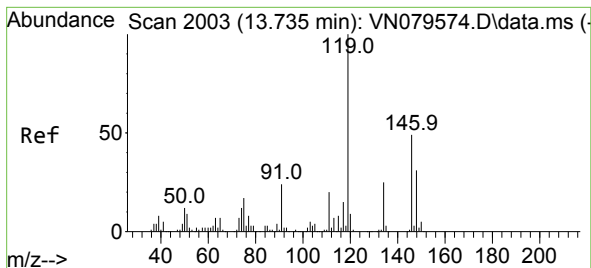
Tgt Ion:105 Resp: 242218
Ion Ratio Lower Upper
105 100
120 44.1 0.0 88.6



#81
sec-Butylbenzene
Concen: 8.177 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.129 min
Lab File: VN080052.D
Acq: 10 Nov 2023 14:53

Tgt Ion:105 Resp: 242218
Ion Ratio Lower Upper
105 100
134 0.1 0.0 38.2





#82

p-Isopropyltoluene

Concen: 47.644 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN080052.D

Acq: 10 Nov 2023 14:53

Instrument :

MSVOA_N

ClientSampleId :

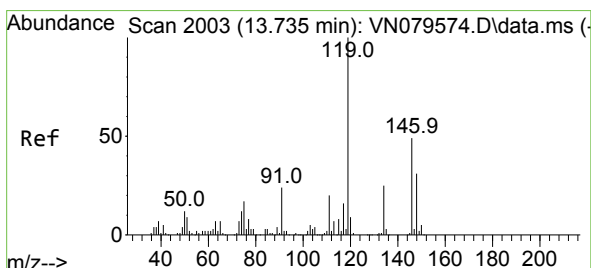
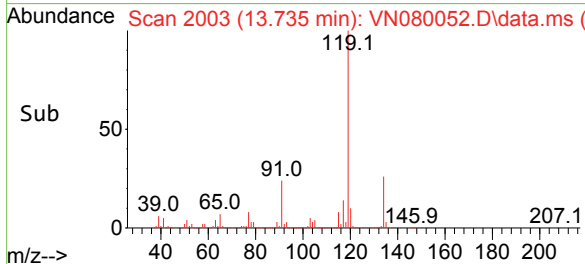
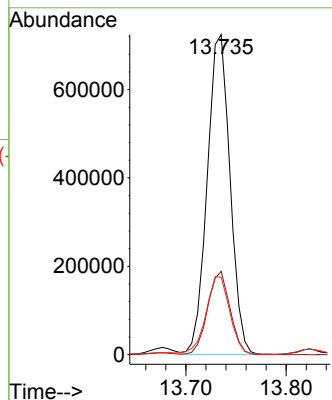
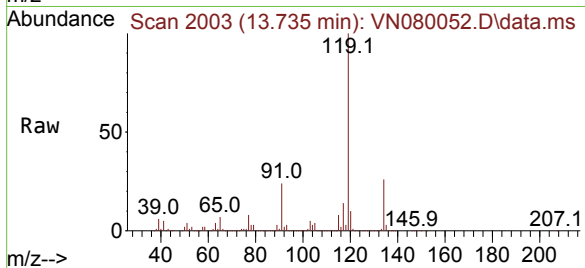
Tgt Ion:119 Resp: 1146210

Ion Ratio Lower Upper

119 100

134 25.6 0.0 52.2

91 25.4 0.0 50.0



#83

1,3-Dichlorobenzene

Concen: 22.945 ug/l

RT: 13.818 min Scan# 2017

Delta R.T. 0.083 min

Lab File: VN080052.D

Acq: 10 Nov 2023 14:53

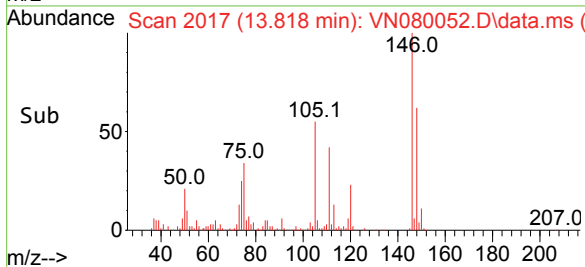
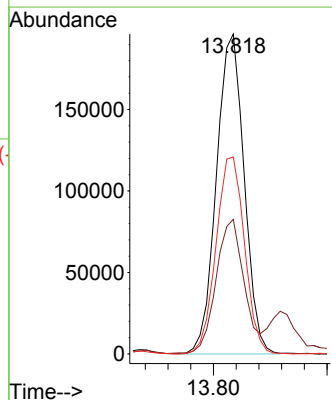
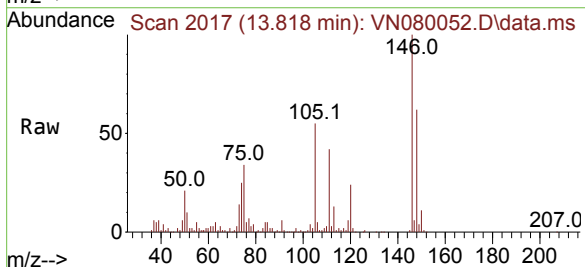
Tgt Ion:146 Resp: 333007

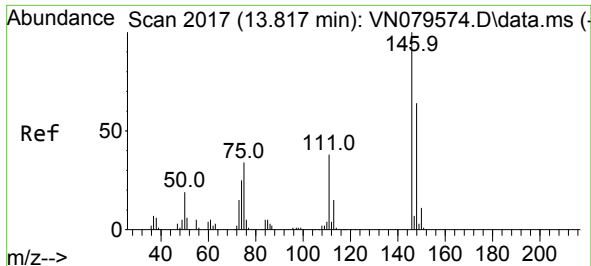
Ion Ratio Lower Upper

146 100

111 42.7 21.0 63.0

148 63.2 32.4 97.0

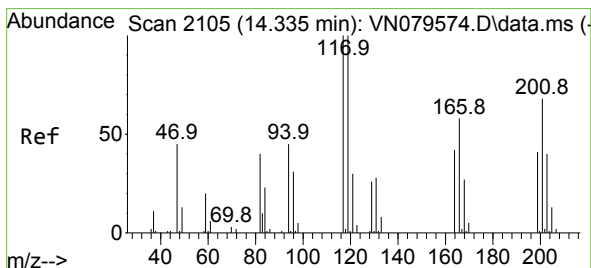
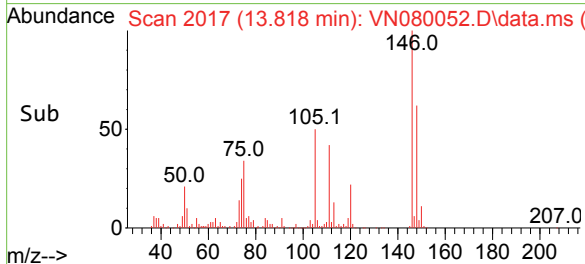
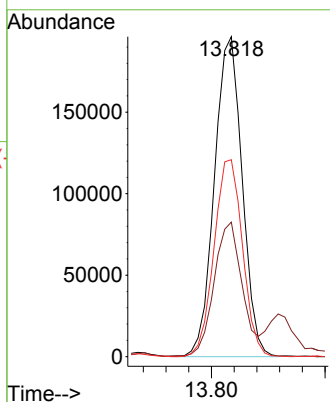
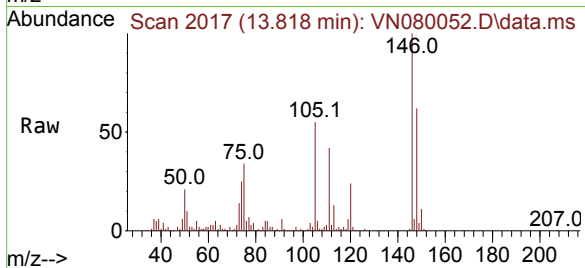




#84
1,4-Dichlorobenzene
Concen: 23.377 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.001 min
Lab File: VN080052.D
Acq: 10 Nov 2023 14:53

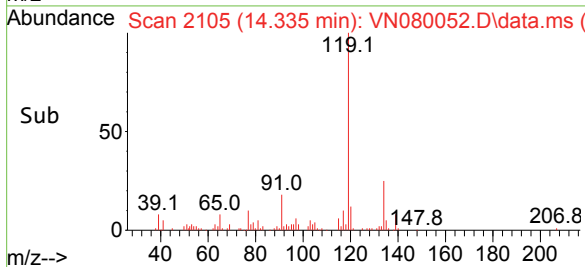
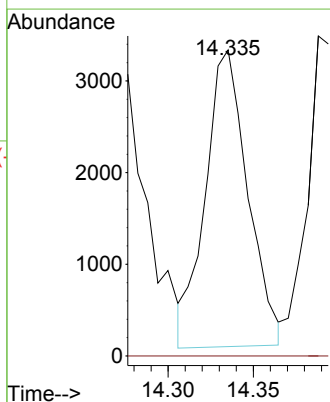
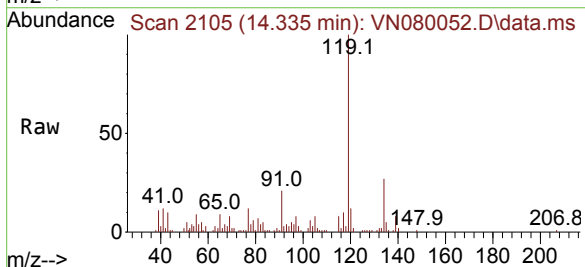
Instrument :
MSVOA_N
ClientSampleId :

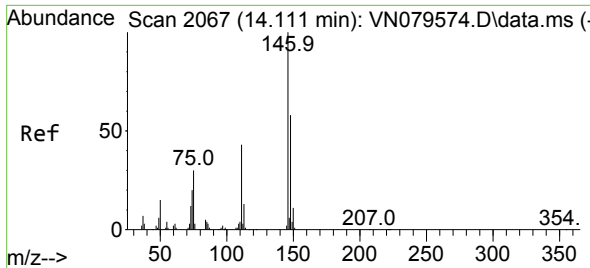
Tgt Ion:146 Resp: 333007
Ion Ratio Lower Upper
146 100
111 42.4 19.9 59.7
148 63.2 32.6 97.7



#86
Hexachloroethane
Concen: 1.195 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080052.D
Acq: 10 Nov 2023 14:53

Tgt Ion:117 Resp: 5589
Ion Ratio Lower Upper
117 100
201 0.0 32.5 97.5#

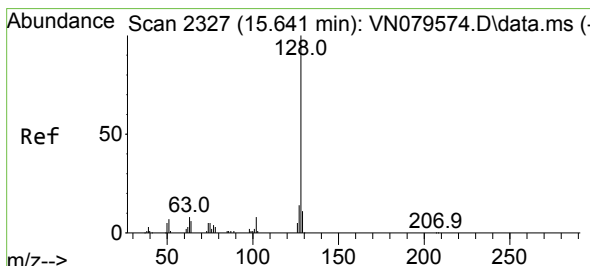
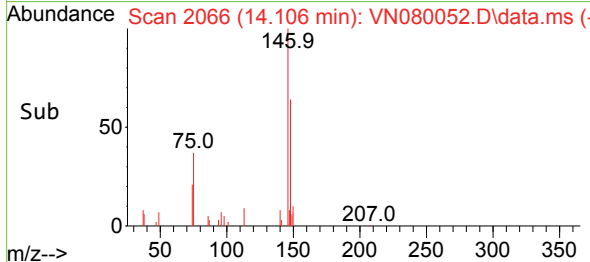
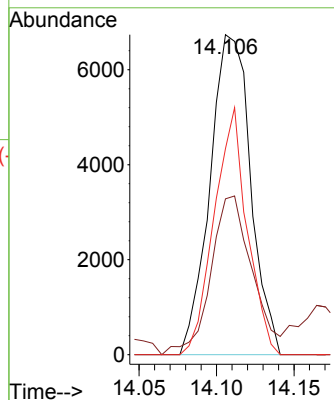
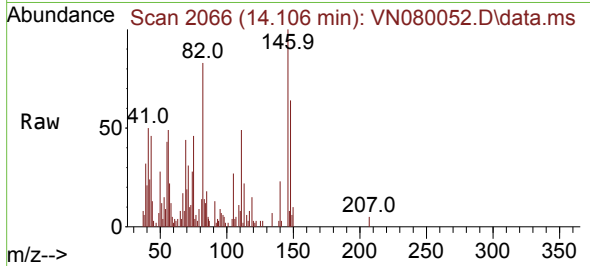




#87
1,2-Dichlorobenzene
Concen: 0.887 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.005 min
Lab File: VN080052.D
Acq: 10 Nov 2023 14:53

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:146 Resp: 12296
Ion Ratio Lower Upper
146 100
111 50.5 22.0 66.0
148 62.6 31.1 93.5



#91
Naphthalene
Concen: 36.710 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.006 min
Lab File: VN080052.D
Acq: 10 Nov 2023 14:53

Tgt Ion:128 Resp: 756727
Ion Ratio Lower Upper
128 100
127 12.5 10.9 16.3
129 10.9 8.6 12.8

