

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071224\
 Data File : VN082903.D
 Acq On : 12 Jul 2024 16:41
 Operator : JC\MD
 Sample : PB162021TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB162021TB

Quant Time: Jul 15 01:14:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	90538	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	179261	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	190280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	74009	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	70481	55.534	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 111.060%	
35) Dibromofluoromethane	8.171	113	59749	51.943	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.880%	
50) Toluene-d8	10.571	98	225685	53.121	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.240%	
62) 4-Bromofluorobenzene	12.847	95	76032	49.821	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 99.640%	

Target Compounds				Qvalue		
3) Chloromethane	2.371	50	289	0.260	ug/l #	43
5) Bromomethane	2.977	94	618	0.734	ug/l #	66
10) Methyl Iodide	4.600	142	297	0.305	ug/l #	38
16) Acetone	4.430	43	17144	38.367	ug/l	99
17) Carbon Disulfide	4.706	76	2221	0.804	ug/l #	75
18) Methyl Acetate	5.036	43	539	0.456	ug/l #	56
20) Methylene Chloride	5.277	84	6903	6.397	ug/l #	73
25) 2-Butanone	7.494	43	1434	2.125	ug/l #	53
31) Cyclohexane	8.218	56	2329	1.404	ug/l #	44
36) 1,1-Dichloropropene	8.224	75	8241	5.196	ug/l #	48
37) Ethyl Acetate	7.571	43	1951	1.208	ug/l #	72
38) Carbon Tetrachloride	8.230	117	10127	5.303	ug/l #	18
42) 1,2-Dichloroethane	8.682	62	564	0.321	ug/l #	78
43) Isopropyl Acetate	8.688	43	137454	44.842	ug/l #	87
45) 1,2-Dichloropropane	9.741	63	950	0.834	ug/l #	44
48) Methyl methacrylate	9.741	41	81611	64.462	ug/l #	51
51) 4-Methyl-2-Pentanone	10.447	43	4138	2.585	ug/l	97
53) t-1,3-Dichloropropene	10.729	75	433	0.229	ug/l #	43
54) cis-1,3-Dichloropropene	10.359	75	32863	16.439	ug/l #	60
56) Ethyl methacrylate	10.982	69	1078	0.618	ug/l #	1
57) 1,3-Dichloropropane	11.200	76	4438	2.237	ug/l #	43
59) 2-Hexanone	11.200	43	55916	46.985	ug/l #	59
68) m/p-Xylenes	12.070	106	655	0.253	ug/l	95
71) Bromoform	12.853	173	861	0.755	ug/l #	1
74) N-amyl acetate	12.494	43	924	0.415	ug/l #	46
76) 1,2,3-Trichloropropane	12.847	75	41319	32.383	ug/l #	1
79) 2-Chlorotoluene	13.229	91	994	0.252	ug/l	88
81) trans-1,4-Dichloro-2-b...	12.847	75	41319	63.687	ug/l #	6
82) 4-Chlorotoluene	13.229	91	994	0.255	ug/l	88
85) sec-Butylbenzene	13.612	105	1213	0.233	ug/l	88
86) p-Isopropyltoluene	13.723	119	1047	0.241	ug/l	85
87) 1,3-Dichlorobenzene	13.735	146	751	0.300	ug/l	97
88) 1,4-Dichlorobenzene	13.735	146	751	0.290	ug/l	97
89) n-Butylbenzene	14.059	91	1608	0.432	ug/l	96
91) 1,2-Dichlorobenzene	14.100	146	758	0.311	ug/l	66
93) 1,2,4-Trichlorobenzene	15.400	180	954	0.728	ug/l #	80

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Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration

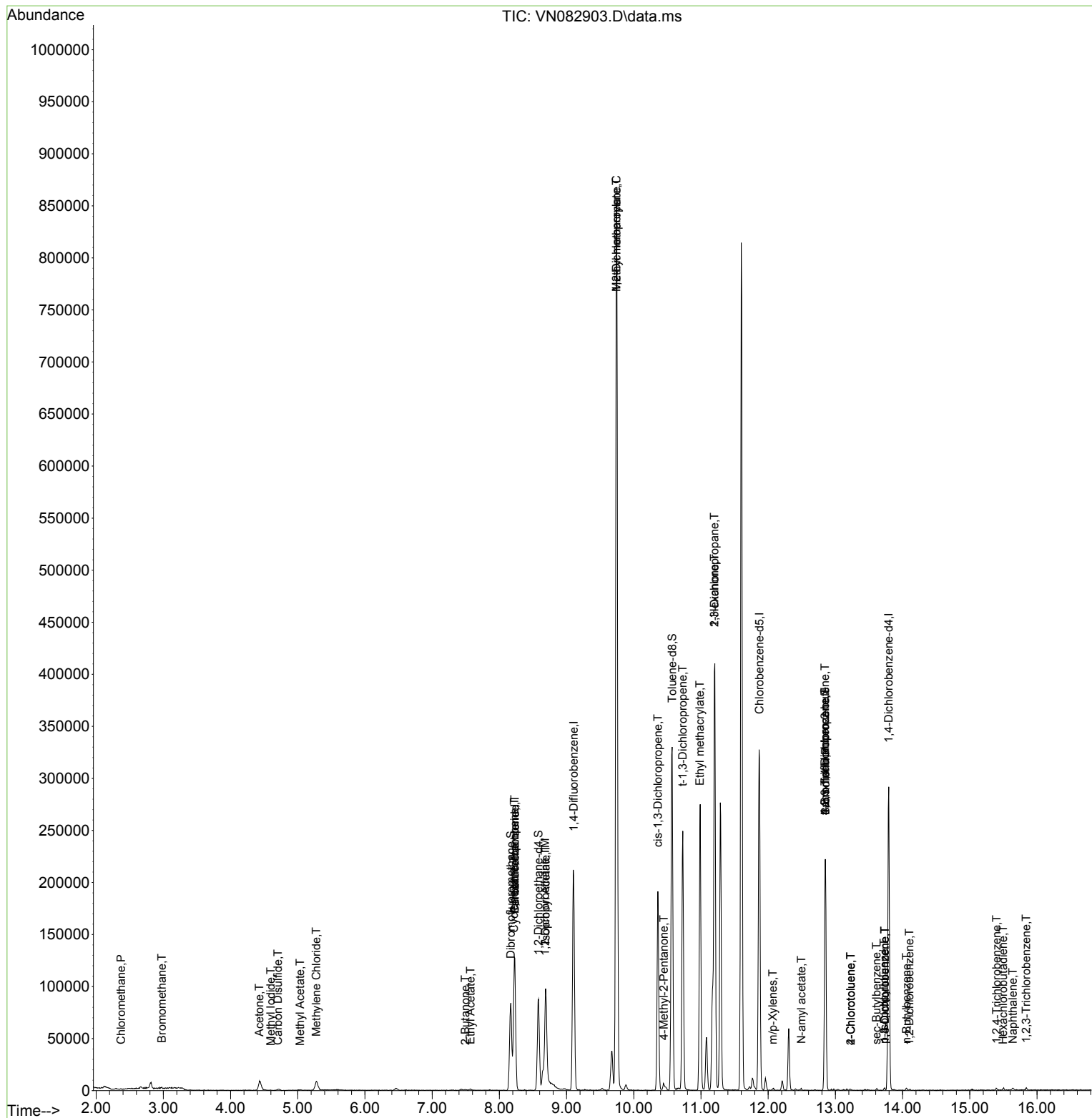
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.494	225	532	0.916	ug/l	92
95) Naphthalene	15.641	128	2815	0.627	ug/l #	81
96) 1,2,3-Trichlorobenzene	15.841	180	1087	0.807	ug/l	89

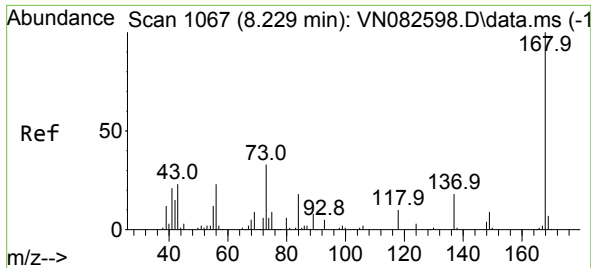
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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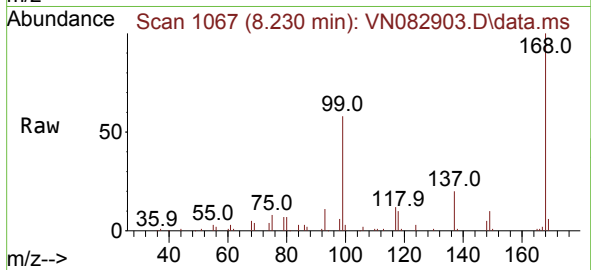
Quant Time: Jul 15 01:14:46 2024
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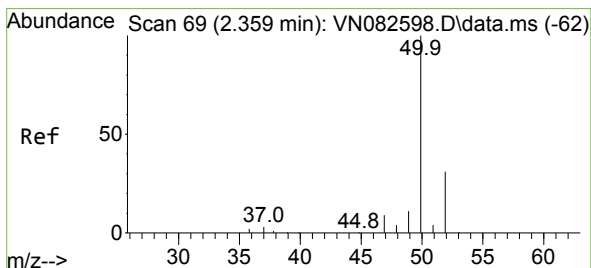
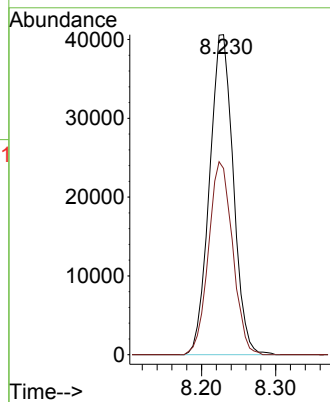
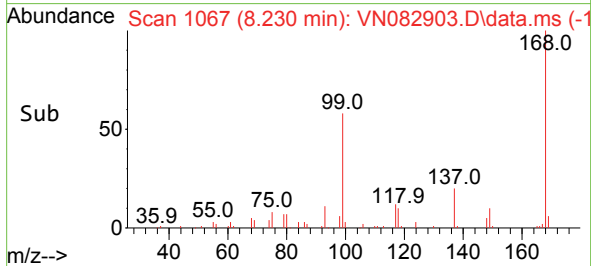


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082903.D
Acq: 12 Jul 2024 16:41

Instrument :
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PB162021TB

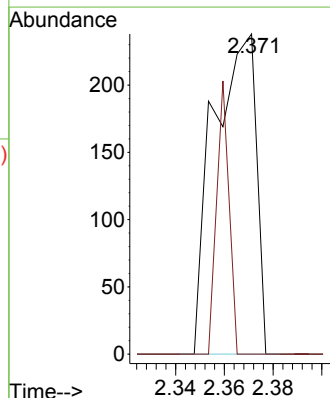
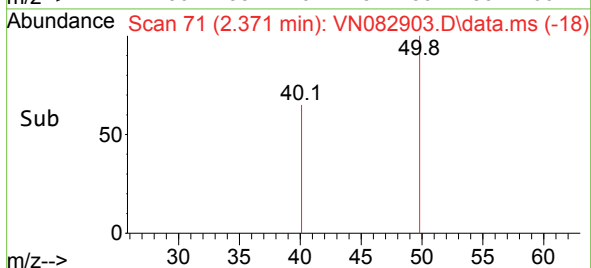
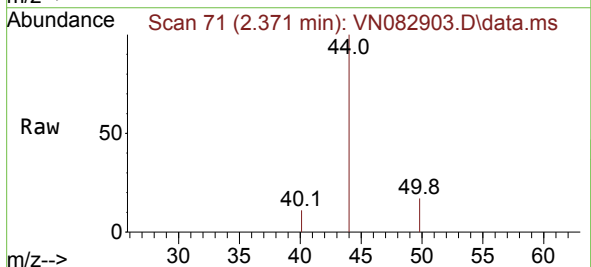


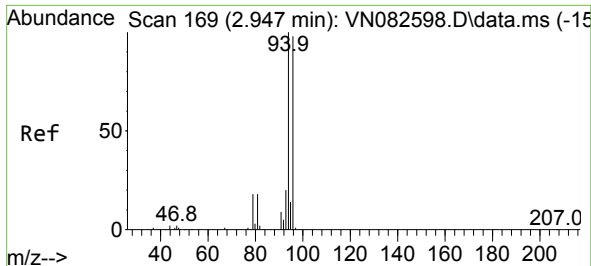
Tgt Ion:168 Resp: 90538
Ion Ratio Lower Upper
168 100
99 58.2 48.2 72.4



#3
Chloromethane
Concen: 0.260 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.012 min
Lab File: VN082903.D
Acq: 12 Jul 2024 16:41

Tgt Ion: 50 Resp: 289
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

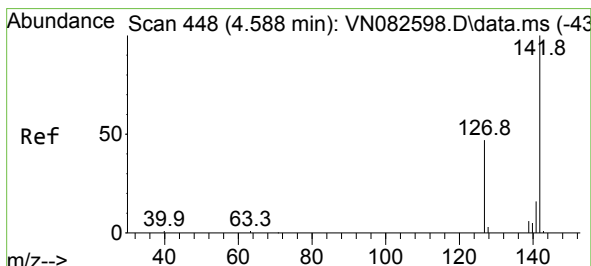
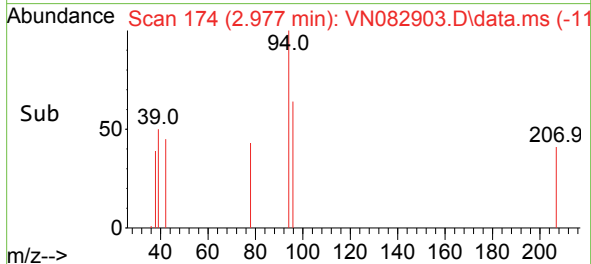
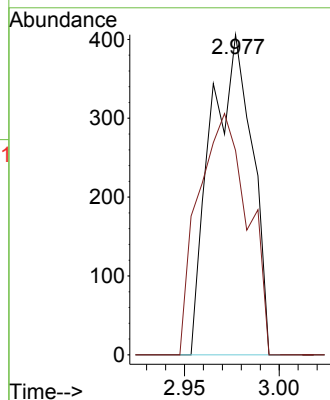
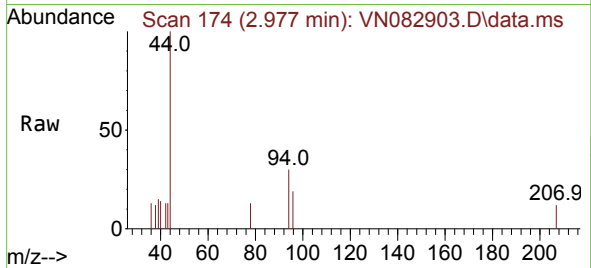




#5
Bromomethane
Concen: 0.734 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.030 min
Lab File: VN082903.D
Acq: 12 Jul 2024 16:41

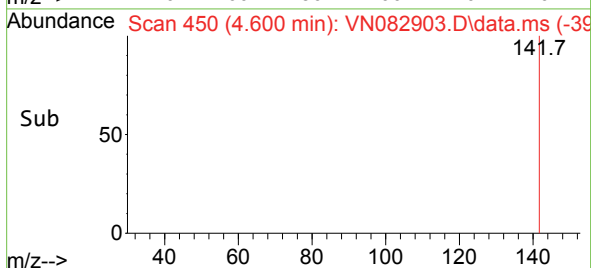
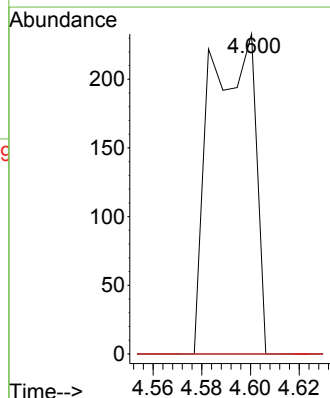
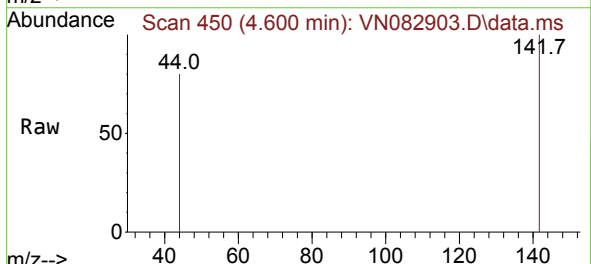
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MSVOA_N
ClientSampleId :
PB162021TB

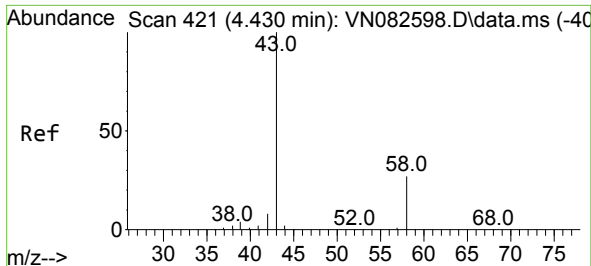
Tgt Ion: 94 Resp: 618
Ion Ratio Lower Upper
94 100
96 63.8 78.0 117.0#



#10
Methyl Iodide
Concen: 0.305 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.012 min
Lab File: VN082903.D
Acq: 12 Jul 2024 16:41

Tgt Ion: 142 Resp: 297
Ion Ratio Lower Upper
142 100
127 0.0 37.5 56.3#
141 0.0 13.1 19.7#

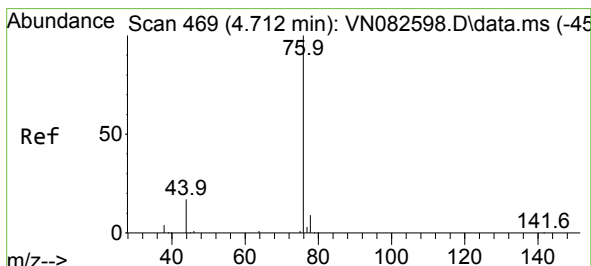
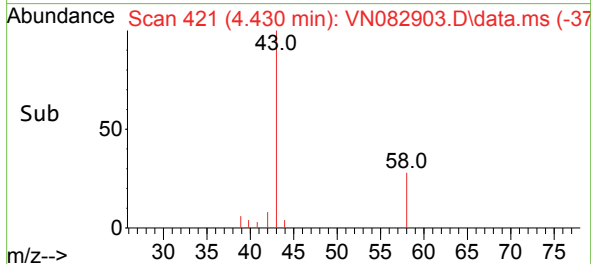
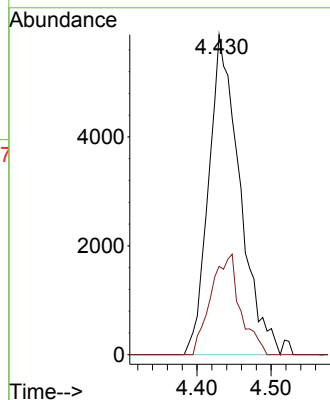
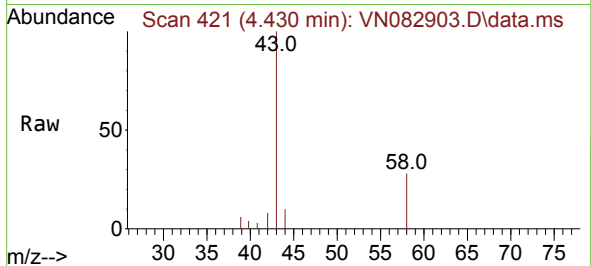




#16
Acetone
Concen: 38.367 ug/l
RT: 4.430 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN082903.D
Acq: 12 Jul 2024 16:41

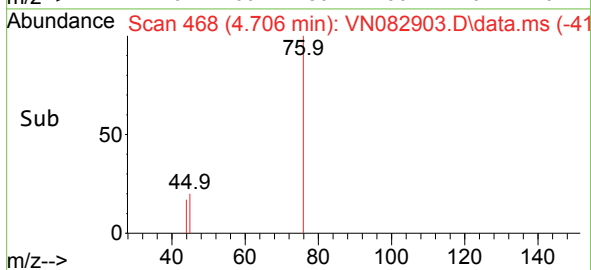
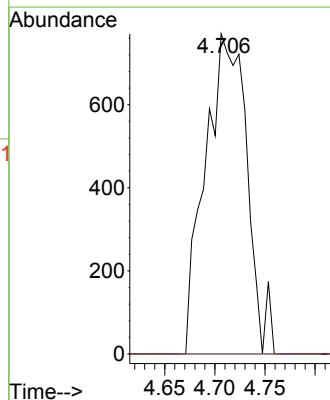
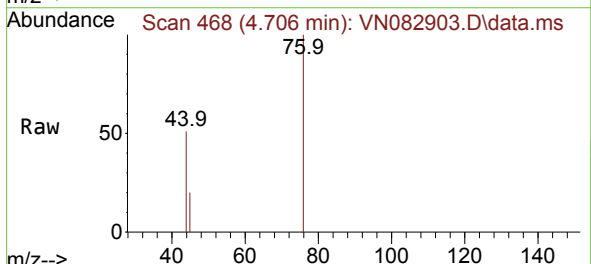
Instrument :
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PB162021TB

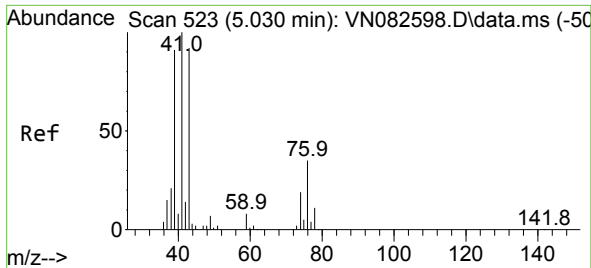
Tgt Ion: 43 Resp: 17144
Ion Ratio Lower Upper
43 100
58 27.6 21.8 32.6



#17
Carbon Disulfide
Concen: 0.804 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN082903.D
Acq: 12 Jul 2024 16:41

Tgt Ion: 76 Resp: 2221
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

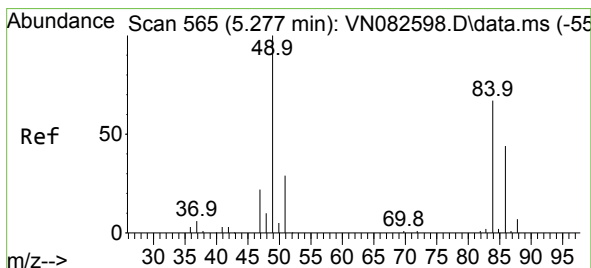
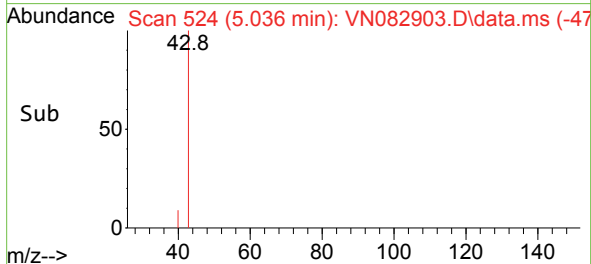
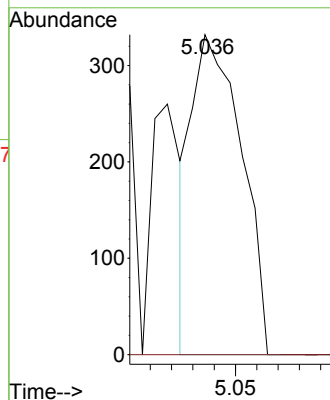
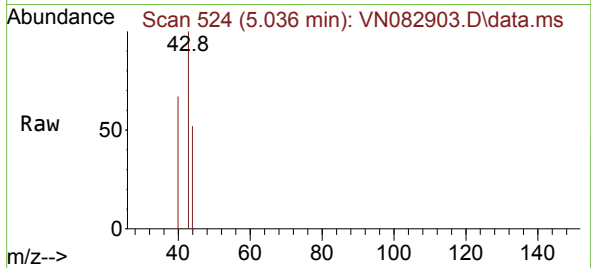




#18
Methyl Acetate
Concen: 0.456 ug/l
RT: 5.036 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082903.D
Acq: 12 Jul 2024 16:41

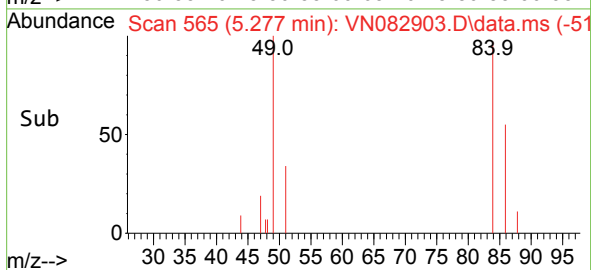
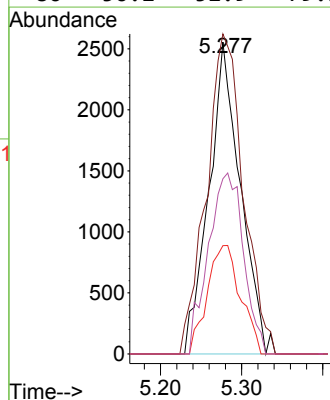
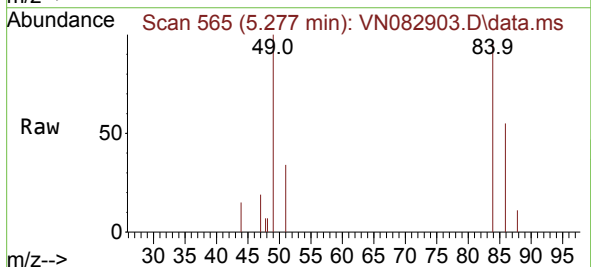
Instrument :
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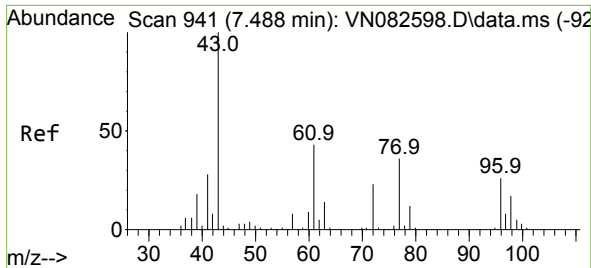
Tgt Ion: 43 Resp: 539
Ion Ratio Lower Upper
43 100
74 0.0 16.3 24.5#



#20
Methylene Chloride
Concen: 6.397 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN082903.D
Acq: 12 Jul 2024 16:41

Tgt Ion: 84 Resp: 6903
Ion Ratio Lower Upper
84 100
49 102.6 119.6 179.4#
51 34.8 34.8 52.2#
86 56.2 52.9 79.3

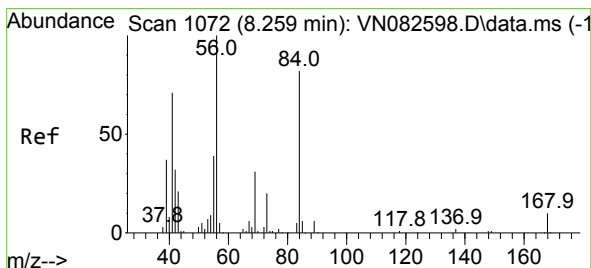
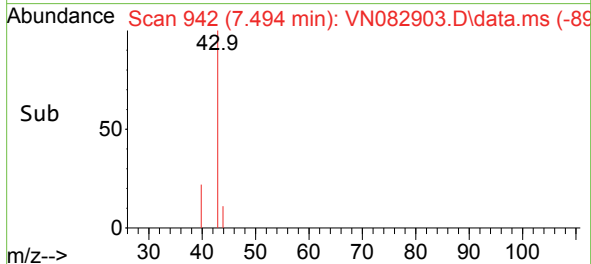
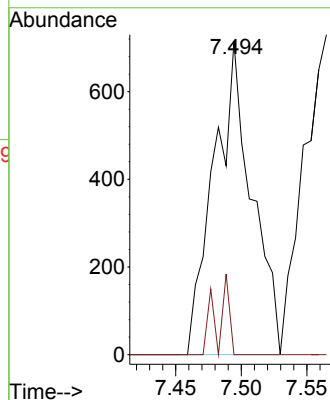
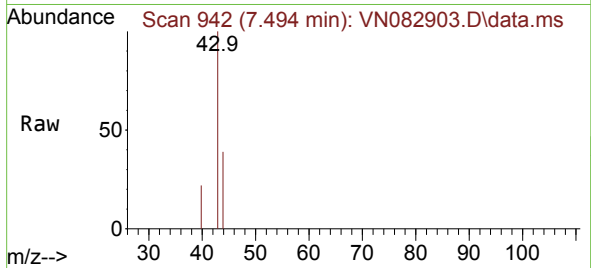




#25
2-Butanone
Concen: 2.125 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082903.D
Acq: 12 Jul 2024 16:41

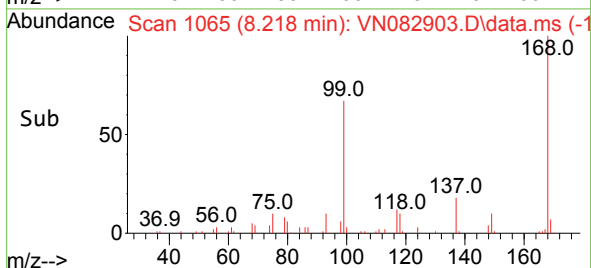
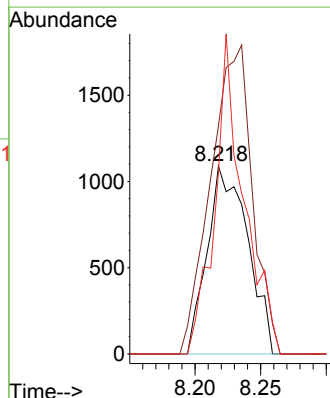
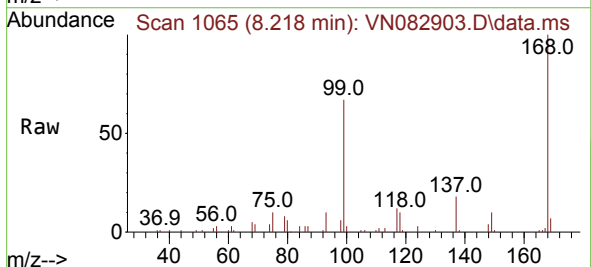
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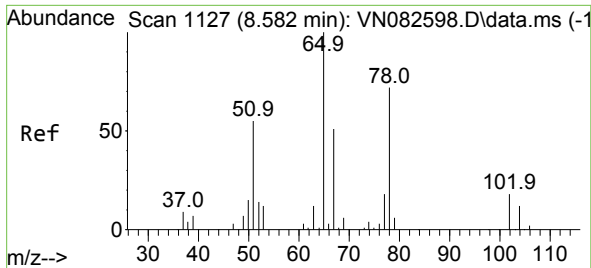
Tgt Ion: 43 Resp: 1434
Ion Ratio Lower Upper
43 100
72 0.0 18.2 27.2#



#31
Cyclohexane
Concen: 1.404 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN082903.D
Acq: 12 Jul 2024 16:41

Tgt Ion: 56 Resp: 2329
Ion Ratio Lower Upper
56 100
69 121.2 24.5 36.7#
84 96.1 66.0 99.0

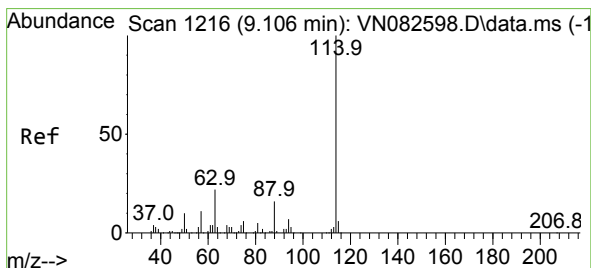
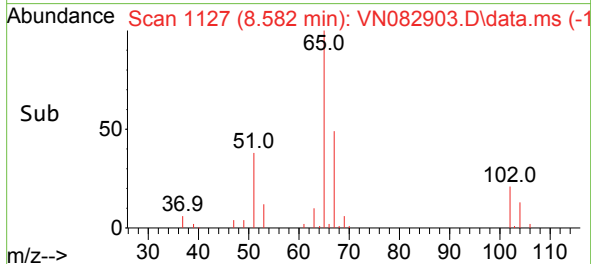
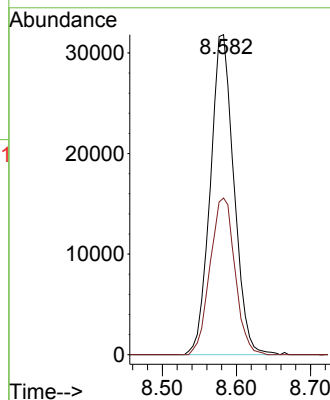
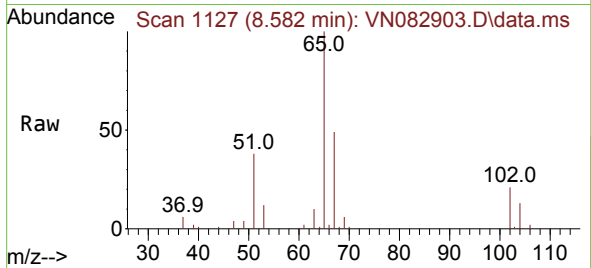




#33
 1,2-Dichloroethane-d4
 Concen: 55.534 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VN082903.D
 Acq: 12 Jul 2024 16:41

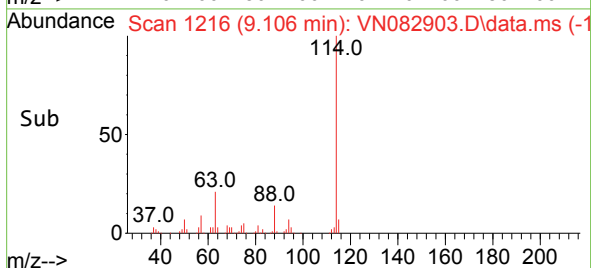
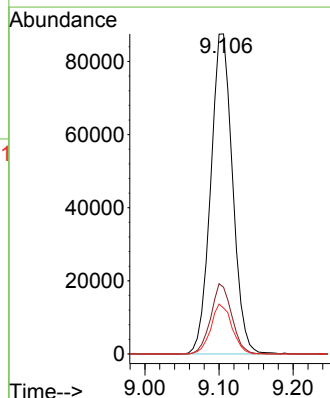
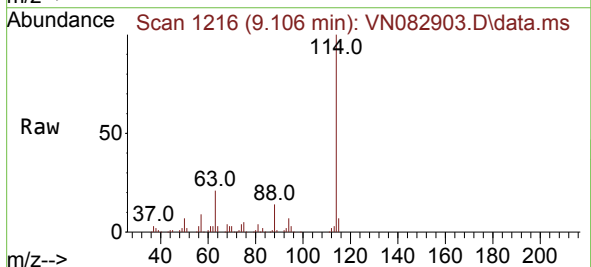
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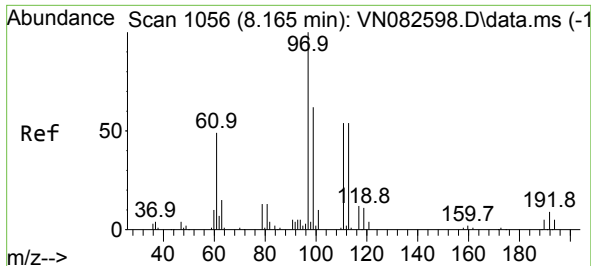
Tgt Ion: 65 Resp: 70481
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.000 min
 Lab File: VN082903.D
 Acq: 12 Jul 2024 16:41

Tgt Ion: 114 Resp: 179261
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 44.6
 88 14.4 0.0 31.4





#35

Dibromofluoromethane

Concen: 51.943 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082903.D

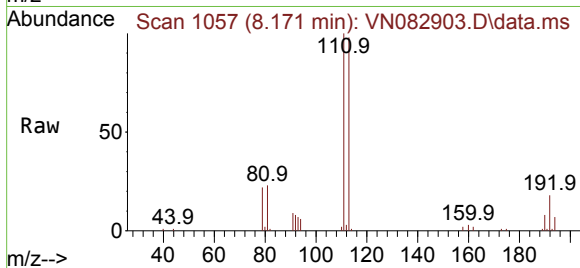
Acq: 12 Jul 2024 16:41

Instrument :

MSVOA_N

ClientSampleId :

PB162021TB



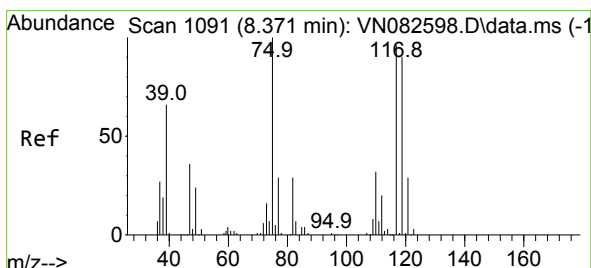
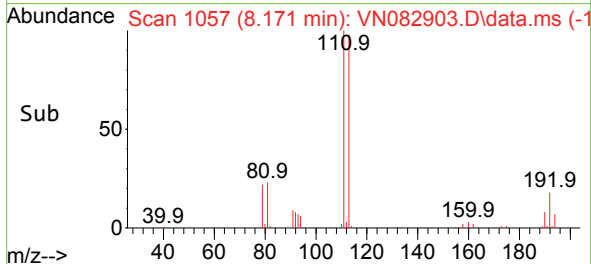
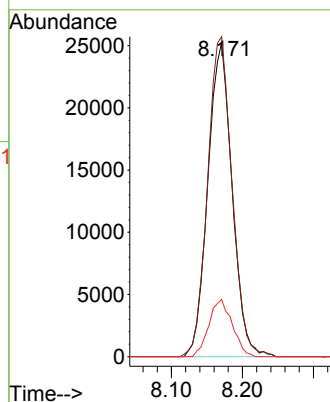
Tgt Ion:113 Resp: 59749

Ion Ratio Lower Upper

113 100

111 103.0 82.4 123.6

192 17.6 14.9 22.3



#36

1,1-Dichloropropene

Concen: 5.196 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN082903.D

Acq: 12 Jul 2024 16:41

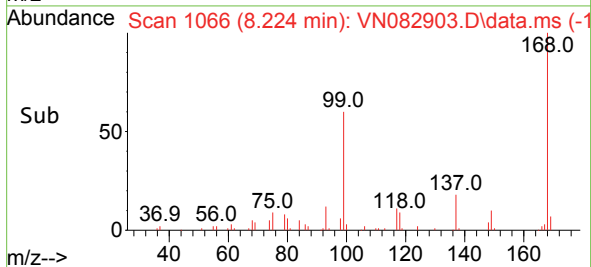
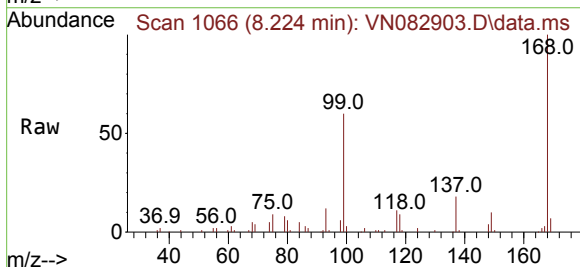
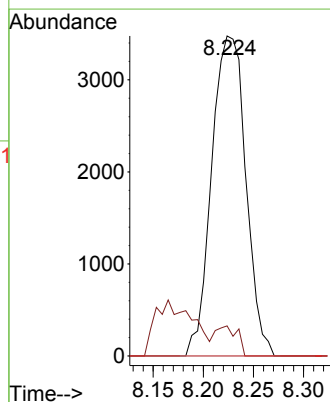
Tgt Ion: 75 Resp: 8241

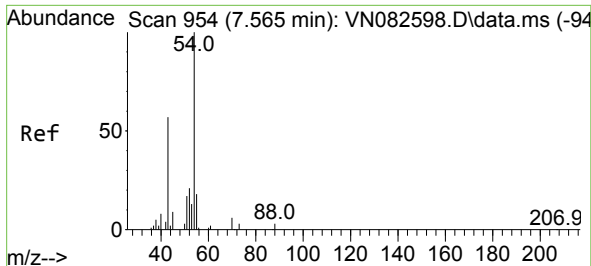
Ion Ratio Lower Upper

75 100

110 6.1 16.3 48.9#

77 0.0 24.6 37.0#





#37

Ethyl Acetate

Concen: 1.208 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN082903.D

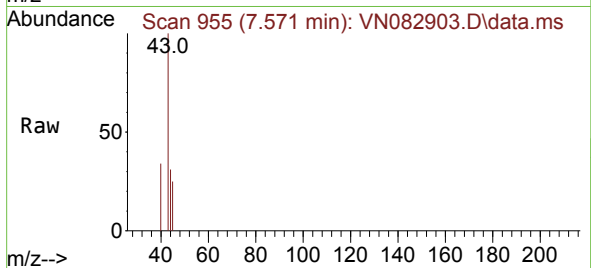
Acq: 12 Jul 2024 16:41

Instrument :

MSVOA_N

ClientSampleId :

PB162021TB



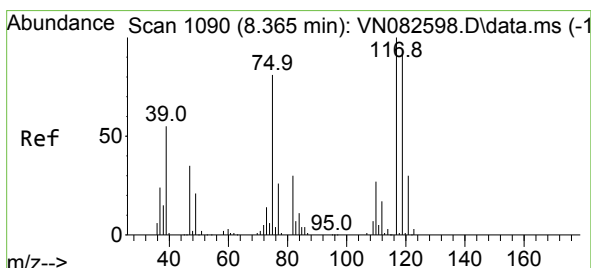
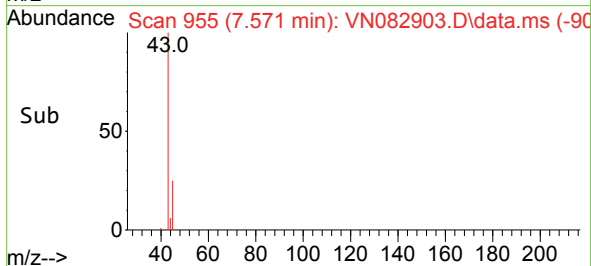
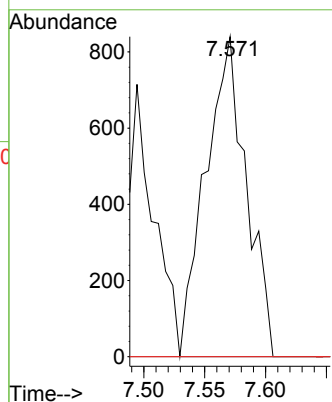
Tgt Ion: 43 Resp: 1951

Ion Ratio Lower Upper

43 100

61 0.0 9.3 13.9#

70 0.0 7.0 10.6#



#38

Carbon Tetrachloride

Concen: 5.303 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN082903.D

Acq: 12 Jul 2024 16:41

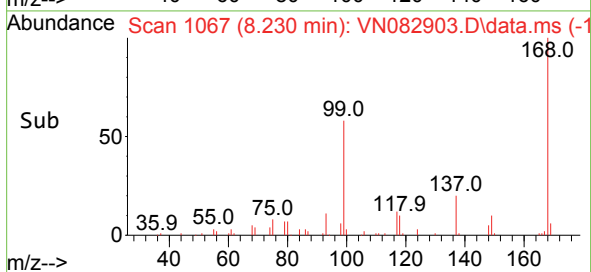
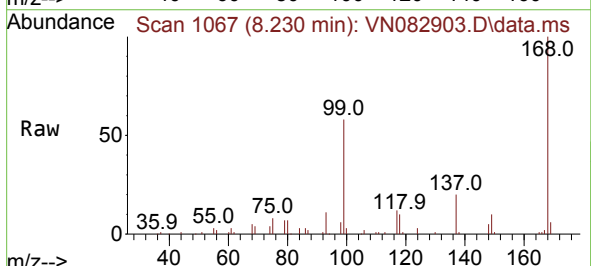
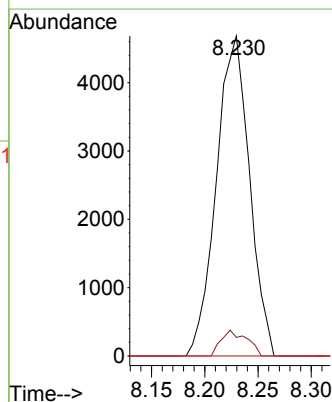
Tgt Ion: 117 Resp: 10127

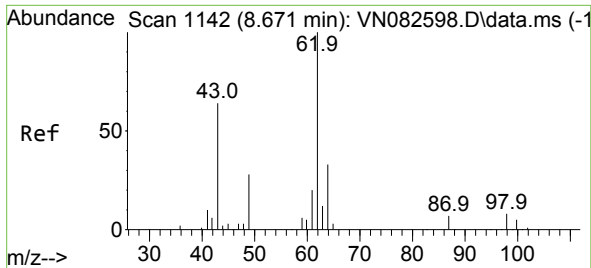
Ion Ratio Lower Upper

117 100

119 5.8 74.9 112.3#

121 0.0 24.3 36.5#





#42

1,2-Dichloroethane

Concen: 0.321 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. 0.011 min

Lab File: VN082903.D

Acq: 12 Jul 2024 16:41

Instrument :

MSVOA_N

ClientSampleId :

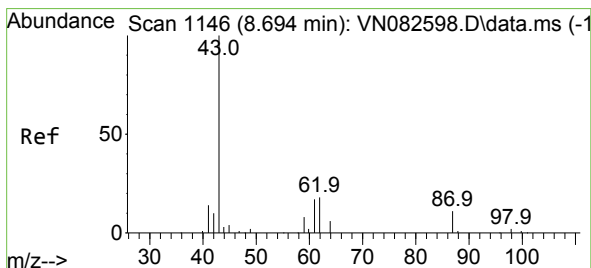
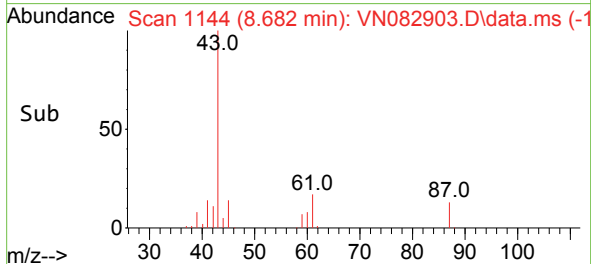
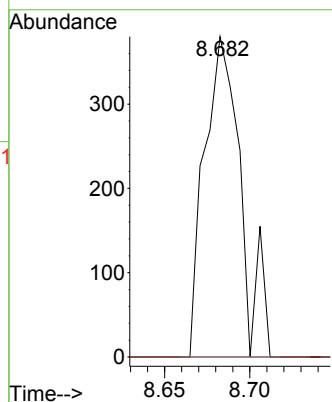
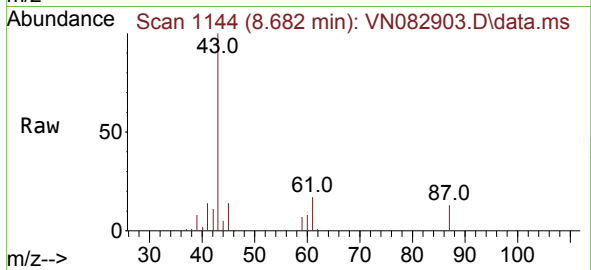
PB162021TB

Tgt Ion: 62 Resp: 564

Ion Ratio Lower Upper

62 100

98 0.0 0.0 15.8



#43

Isopropyl Acetate

Concen: 44.842 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VN082903.D

Acq: 12 Jul 2024 16:41

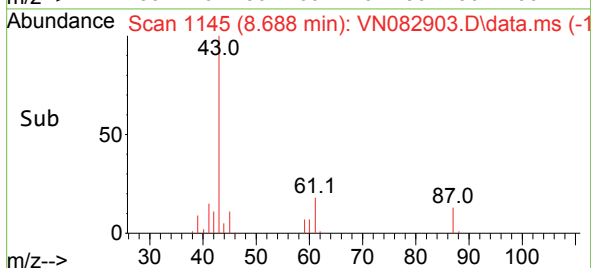
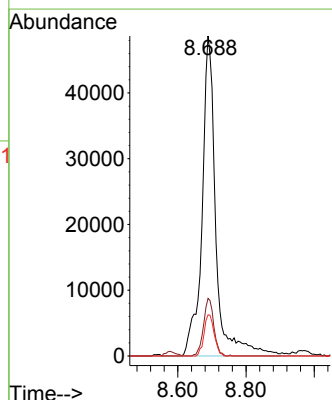
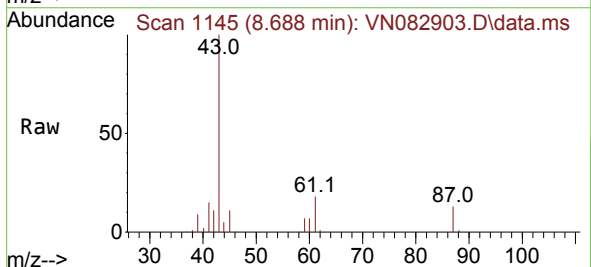
Tgt Ion: 43 Resp: 137454

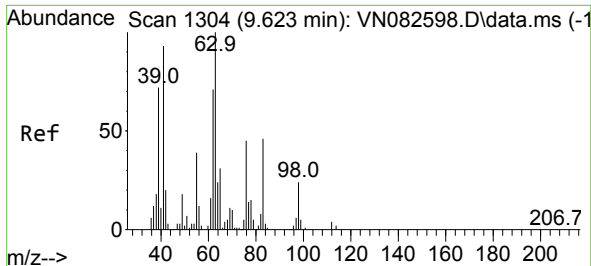
Ion Ratio Lower Upper

43 100

61 13.4 17.8 26.6#

87 9.5 8.2 12.2





#45

1,2-Dichloropropane

Concen: 0.834 ug/l

RT: 9.741 min Scan# 1324

Delta R.T. 0.118 min

Lab File: VN082903.D

Acq: 12 Jul 2024 16:41

Instrument :

MSVOA_N

ClientSampleId :

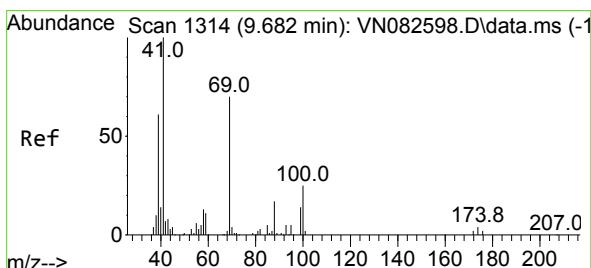
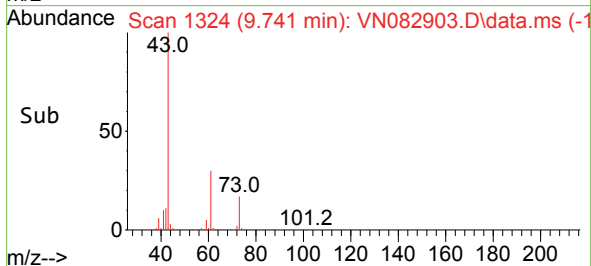
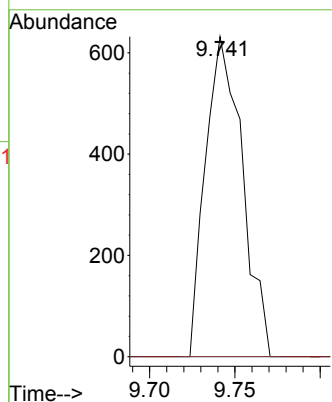
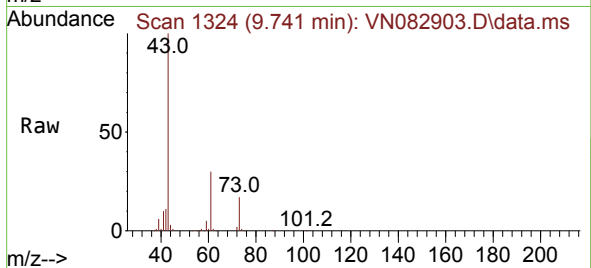
PB162021TB

Tgt Ion: 63 Resp: 950

Ion Ratio Lower Upper

63 100

65 0.0 24.4 36.6#



#48

Methyl methacrylate

Concen: 64.462 ug/l

RT: 9.741 min Scan# 1324

Delta R.T. 0.059 min

Lab File: VN082903.D

Acq: 12 Jul 2024 16:41

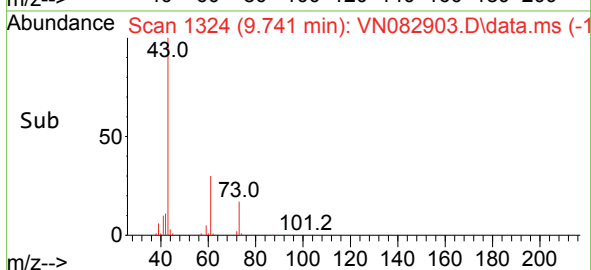
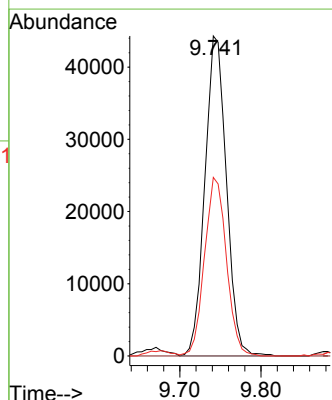
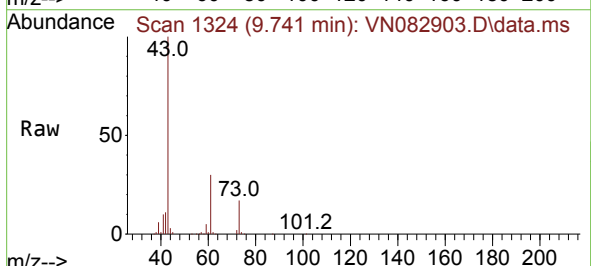
Tgt Ion: 41 Resp: 81611

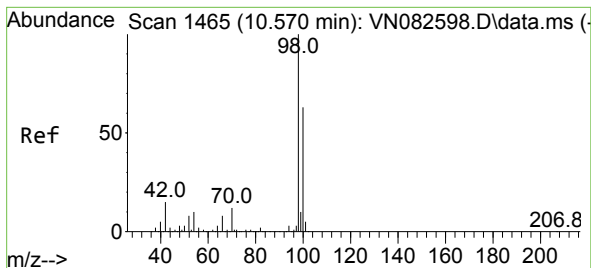
Ion Ratio Lower Upper

41 100

69 0.0 56.3 84.5#

39 56.9 50.3 75.5





#50

Toluene-d8

Concen: 53.121 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.001 min

Lab File: VN082903.D

Acq: 12 Jul 2024 16:41

Instrument :

MSVOA_N

ClientSampleId :

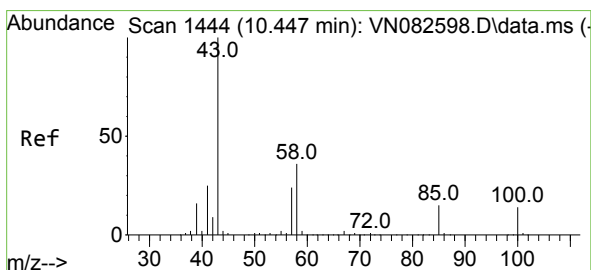
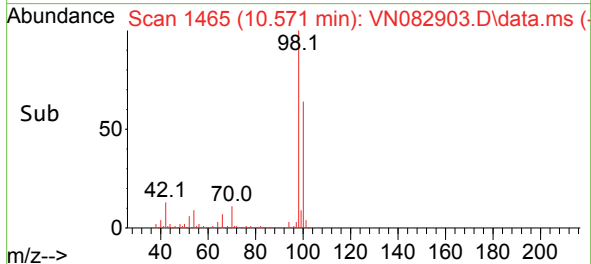
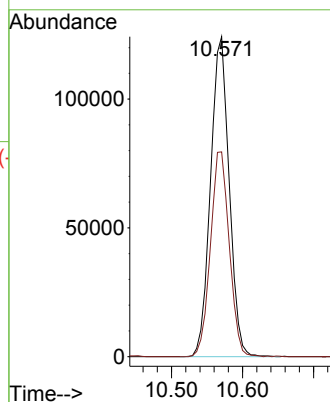
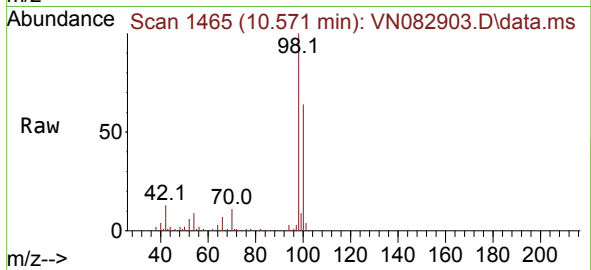
PB162021TB

Tgt Ion: 98 Resp: 225685

Ion Ratio Lower Upper

98 100

100 64.9 51.5 77.3



#51

4-Methyl-2-Pentanone

Concen: 2.585 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN082903.D

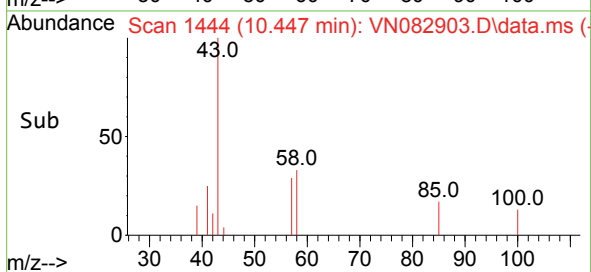
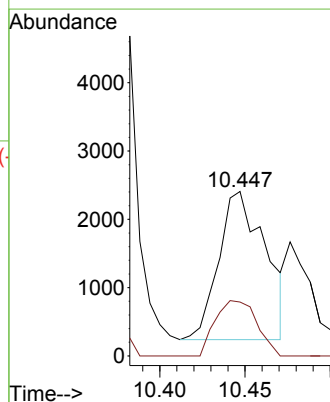
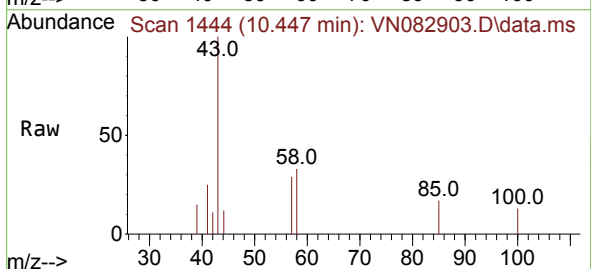
Acq: 12 Jul 2024 16:41

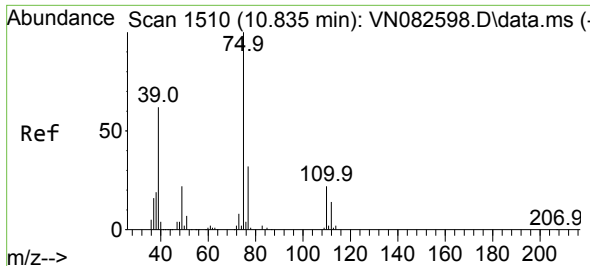
Tgt Ion: 43 Resp: 4138

Ion Ratio Lower Upper

43 100

58 33.3 28.2 42.4

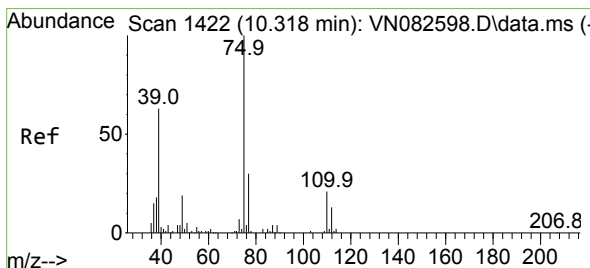
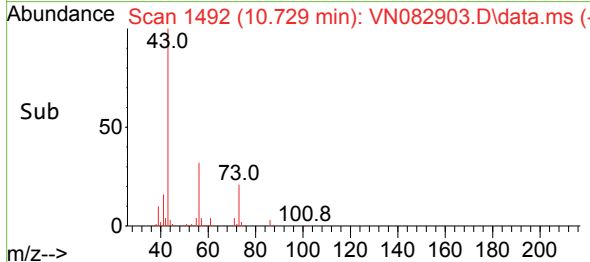
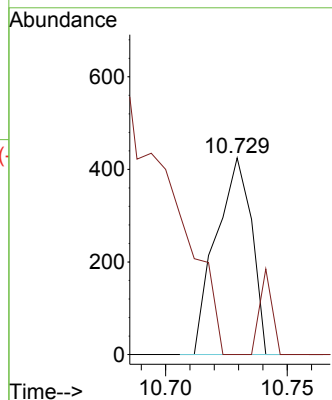
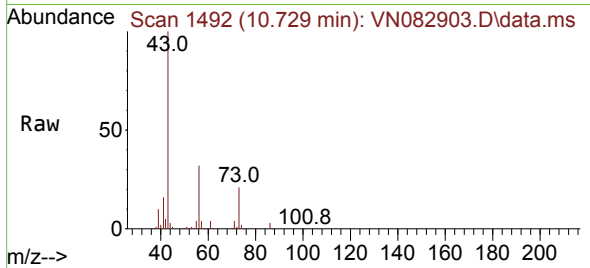




#53
t-1,3-Dichloropropene
Concen: 0.229 ug/l
RT: 10.729 min Scan# 1492
Delta R.T. -0.106 min
Lab File: VN082903.D
Acq: 12 Jul 2024 16:41

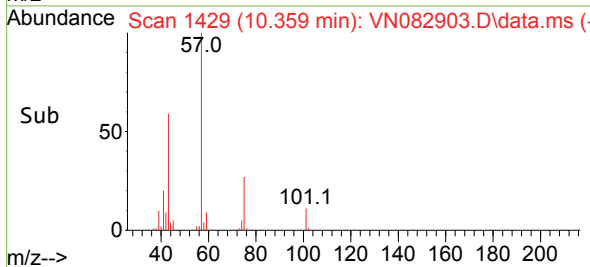
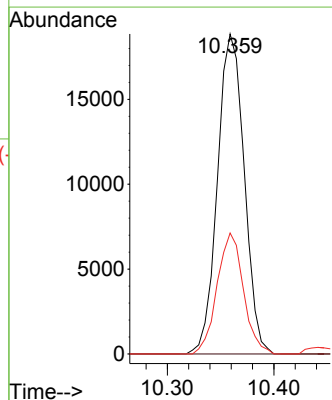
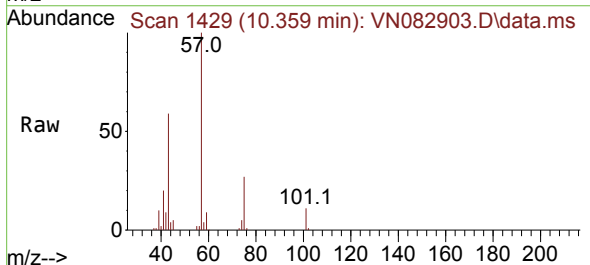
Instrument :
MSVOA_N
ClientSampleId :
PB162021TB

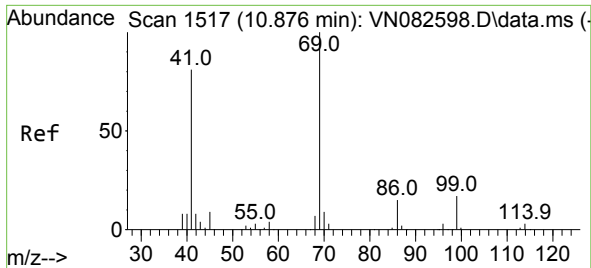
Tgt Ion: 75 Resp: 433
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#



#54
cis-1,3-Dichloropropene
Concen: 16.439 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.041 min
Lab File: VN082903.D
Acq: 12 Jul 2024 16:41

Tgt Ion: 75 Resp: 32863
Ion Ratio Lower Upper
75 100
77 0.0 24.3 36.5#
39 37.8 50.5 75.7#

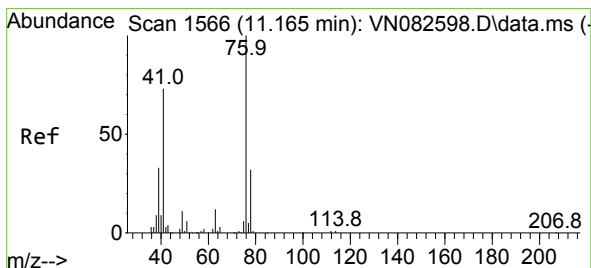
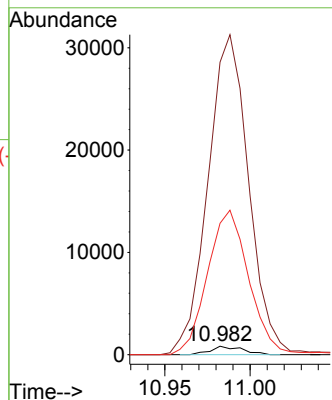
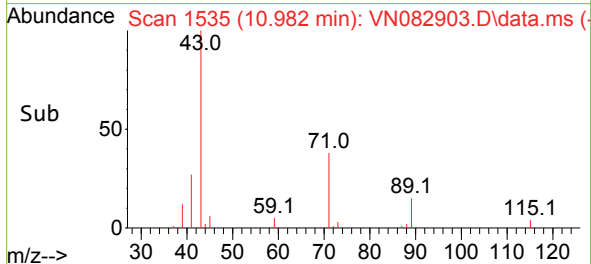
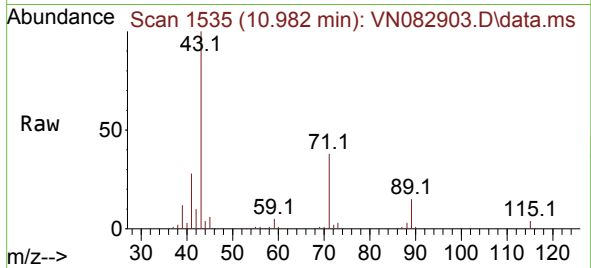




#56
Ethyl methacrylate
Concen: 0.618 ug/l
RT: 10.982 min Scan# 11
Delta R.T. 0.106 min
Lab File: VN082903.D
Acq: 12 Jul 2024 16:41

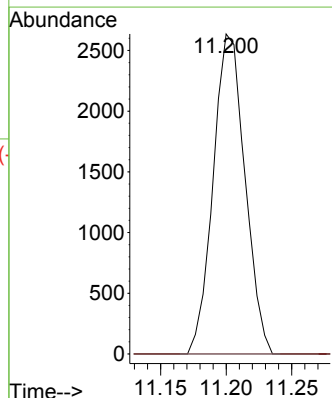
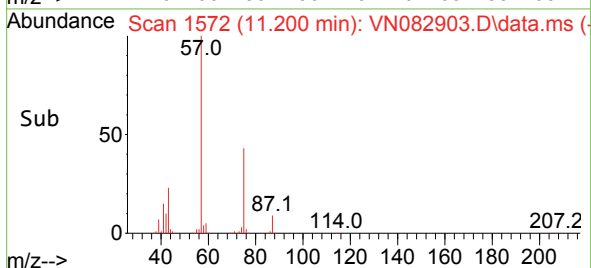
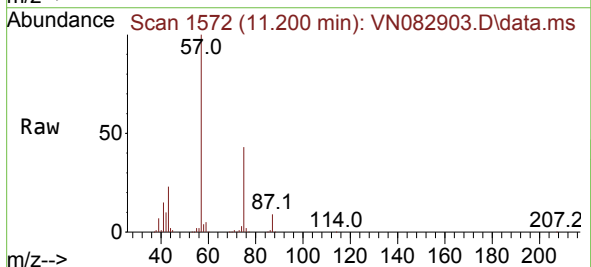
Instrument :
MSVOA_N
ClientSampleId :
PB162021TB

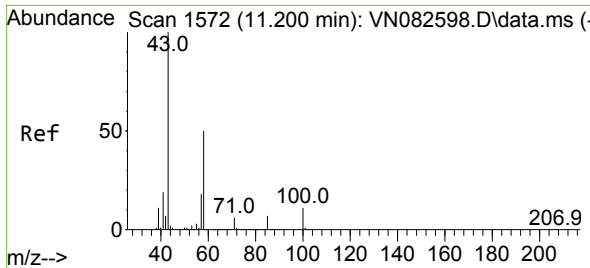
Tgt Ion: 69 Resp: 1078
Ion Ratio Lower Upper
69 100
41 4846.8 63.4 95.2#
39 2223.7 37.4 56.0#



#57
1,3-Dichloropropane
Concen: 2.237 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.035 min
Lab File: VN082903.D
Acq: 12 Jul 2024 16:41

Tgt Ion: 76 Resp: 4438
Ion Ratio Lower Upper
76 100
78 0.0 25.6 38.4#

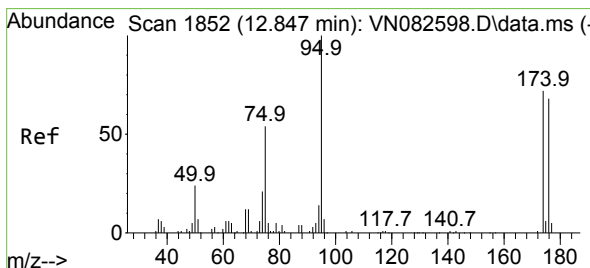
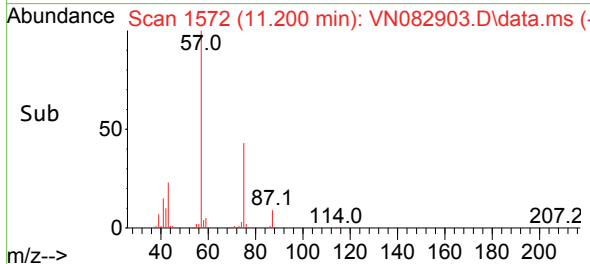
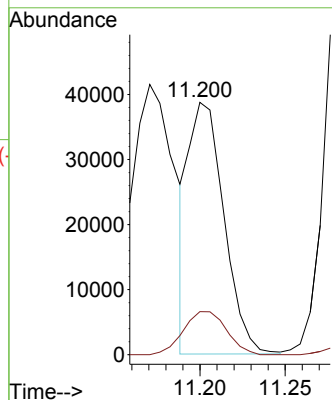
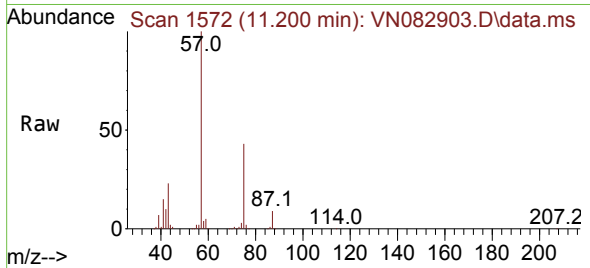




#59
2-Hexanone
Concen: 46.985 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082903.D
Acq: 12 Jul 2024 16:41

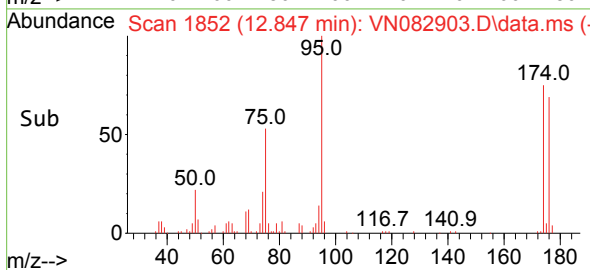
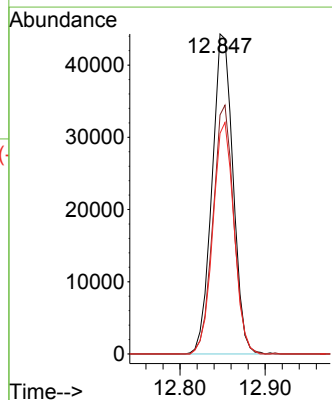
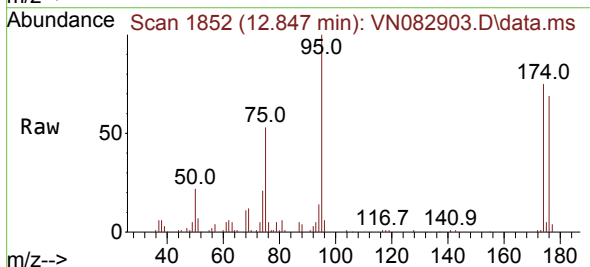
Instrument :
MSVOA_N
ClientSampleId :
PB162021TB

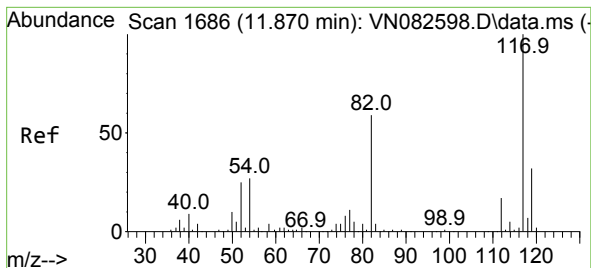
Tgt Ion: 43 Resp: 55916
Ion Ratio Lower Upper
43 100
58 20.9 24.6 73.8#



#62
4-Bromofluorobenzene
Concen: 49.821 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082903.D
Acq: 12 Jul 2024 16:41

Tgt Ion: 95 Resp: 76032
Ion Ratio Lower Upper
95 100
174 77.0 0.0 159.2
176 72.6 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN082903.D

Acq: 12 Jul 2024 16:41

Instrument :

MSVOA_N

ClientSampleId :

PB162021TB

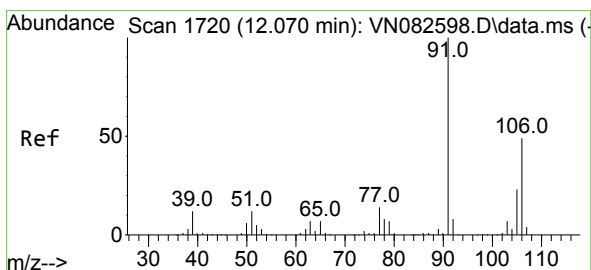
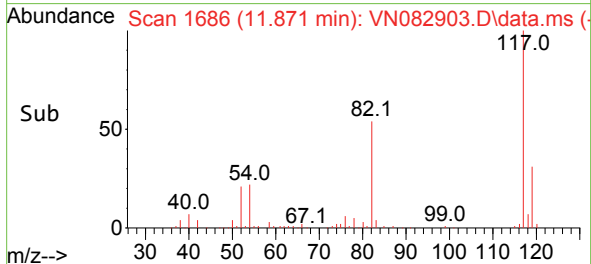
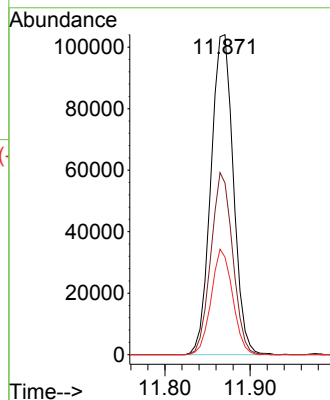
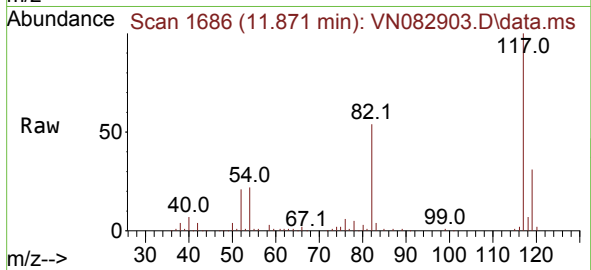
Tgt Ion:117 Resp: 190280

Ion Ratio Lower Upper

117 100

82 53.6 47.5 71.3

119 30.5 25.6 38.4



#68

m/p-Xylenes

Concen: 0.253 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. 0.000 min

Lab File: VN082903.D

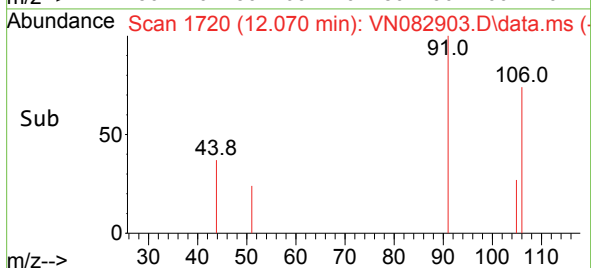
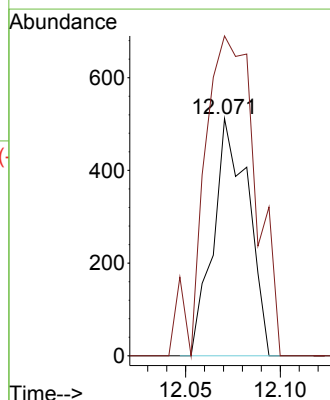
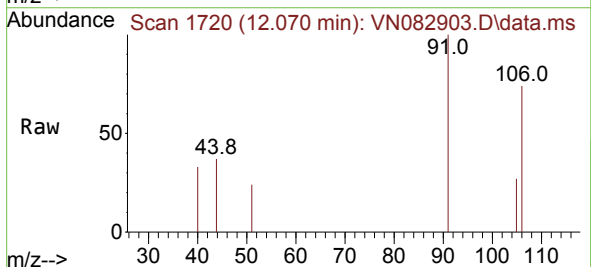
Acq: 12 Jul 2024 16:41

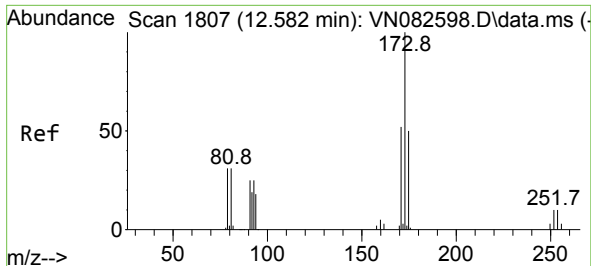
Tgt Ion:106 Resp: 655

Ion Ratio Lower Upper

106 100

91 199.7 166.1 249.1

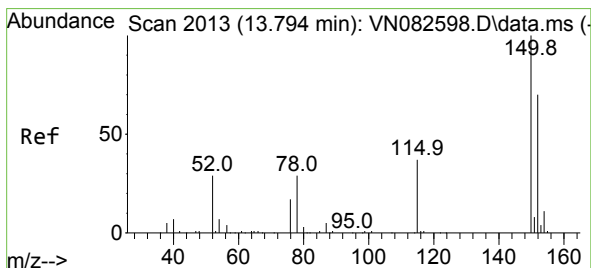
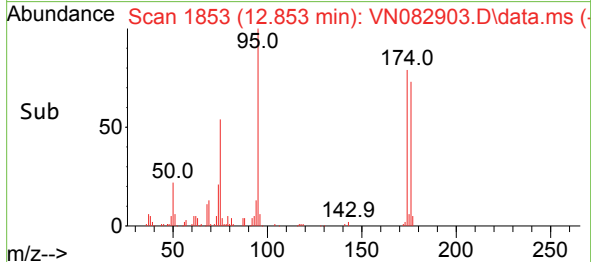
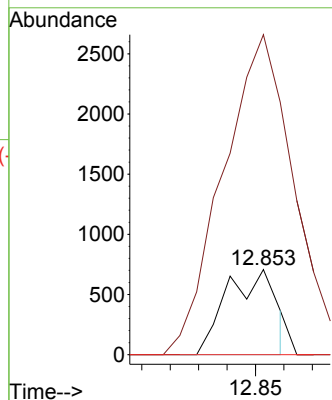
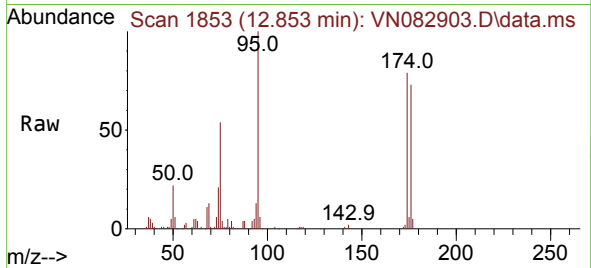




#71
Bromoform
Concen: 0.755 ug/l
RT: 12.853 min Scan# 1807
Delta R.T. 0.271 min
Lab File: VN082903.D
Acq: 12 Jul 2024 16:41

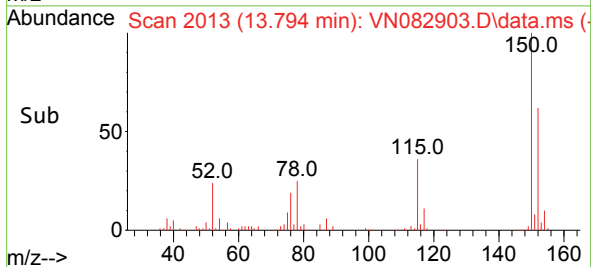
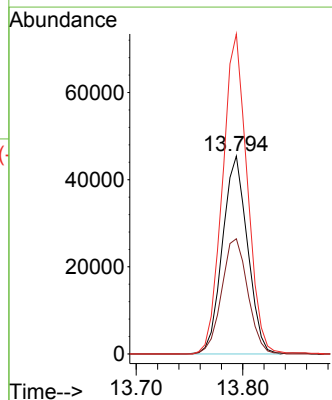
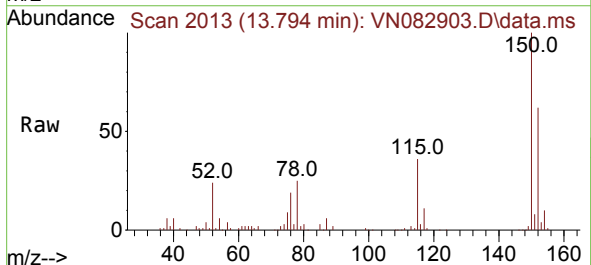
Instrument :
MSVOA_N
ClientSampleId :
PB162021TB

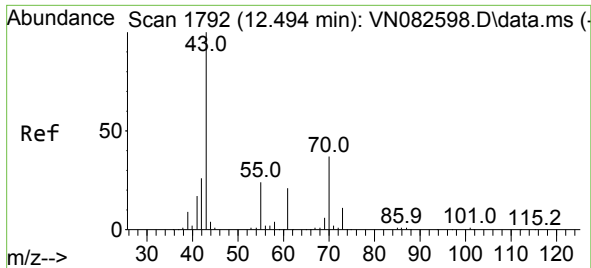
Tgt Ion:173 Resp: 861
Ion Ratio Lower Upper
173 100
175 439.6 24.0 72.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082903.D
Acq: 12 Jul 2024 16:41

Tgt Ion:152 Resp: 74009
Ion Ratio Lower Upper
152 100
115 60.8 30.6 91.6
150 159.8 0.0 348.6

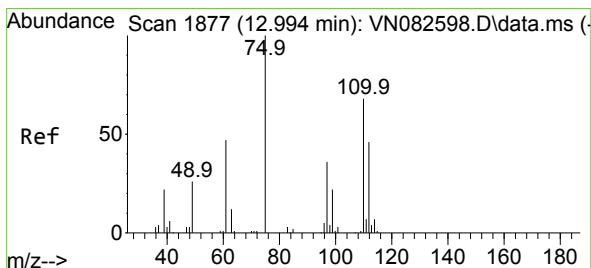
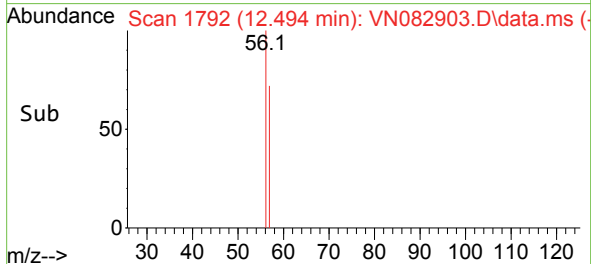
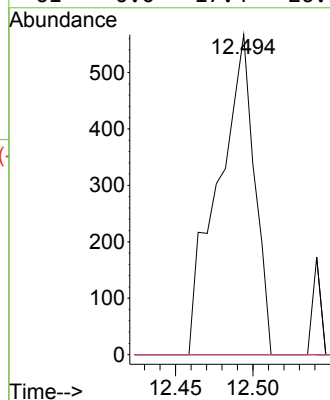
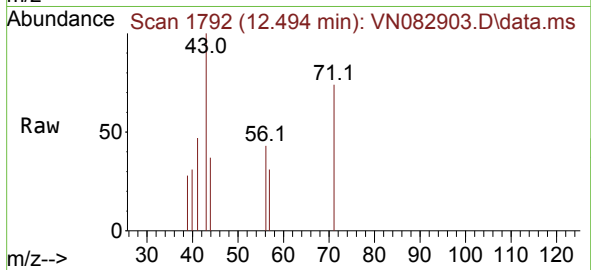




#74
N-amy1 acetate
Concen: 0.415 ug/l
RT: 12.494 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082903.D
Acq: 12 Jul 2024 16:41

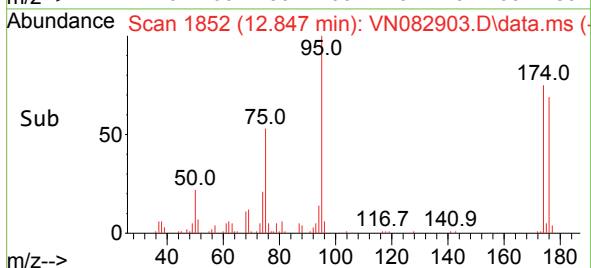
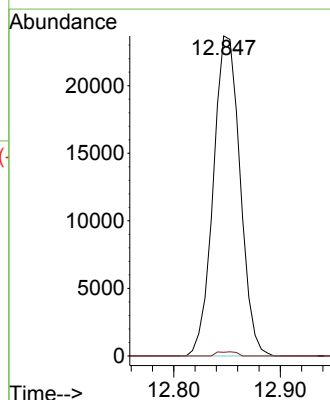
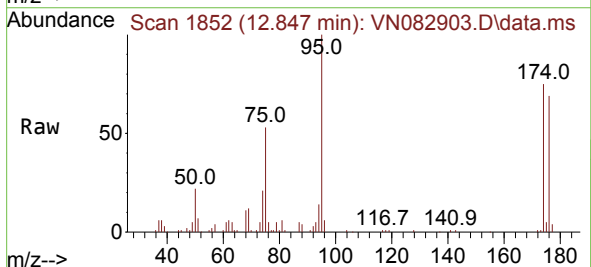
Instrument :
MSVOA_N
ClientSampleId :
PB162021TB

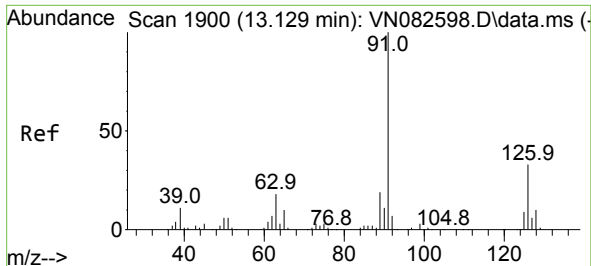
Tgt Ion: 43	Resp:	924
Ion	Ratio	Lower Upper
43	100	
70	0.0	29.8 44.6#
55	0.0	18.7 28.1#
61	0.0	17.4 26.0#



#76
1,2,3-Trichloropropane
Concen: 32.383 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN082903.D
Acq: 12 Jul 2024 16:41

Tgt Ion: 75	Resp:	41319
Ion	Ratio	Lower Upper
75	100	
77	1.0	110.9 332.6#

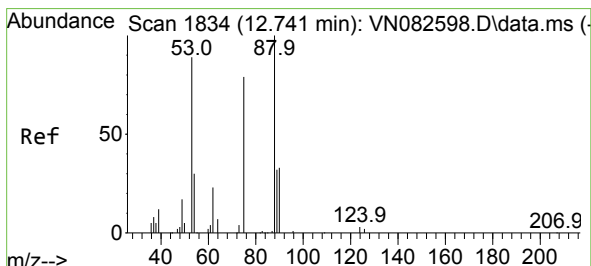
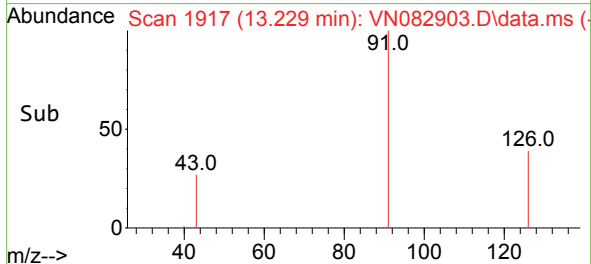
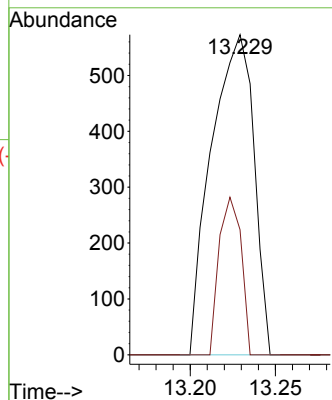
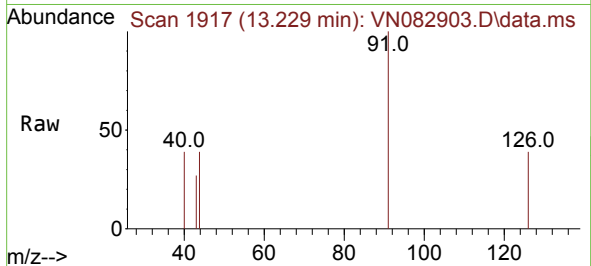




#79
2-Chlorotoluene
Concen: 0.252 ug/l
RT: 13.229 min Scan# 1900
Delta R.T. 0.100 min
Lab File: VN082903.D
Acq: 12 Jul 2024 16:41

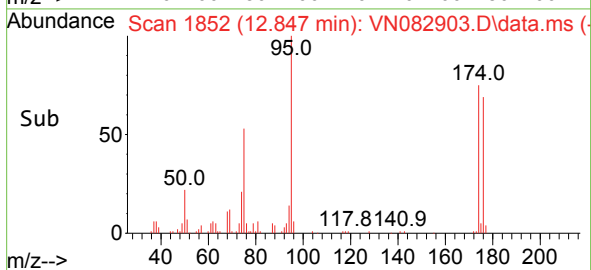
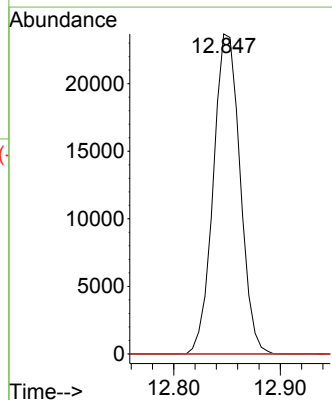
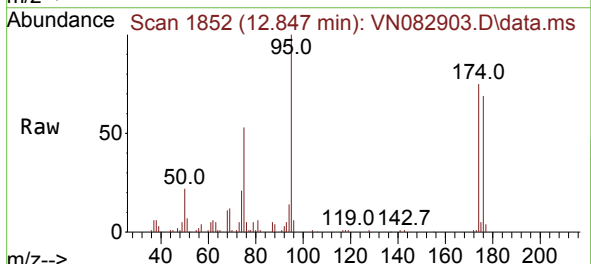
Instrument :
MSVOA_N
ClientSampleId :
PB162021TB

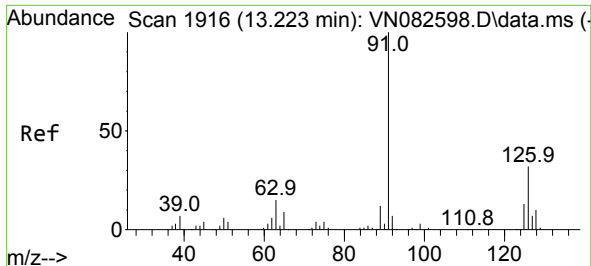
Tgt Ion: 91 Resp: 994
Ion Ratio Lower Upper
91 100
126 25.6 16.2 48.6



#81
trans-1,4-Dichloro-2-butene
Concen: 63.687 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN082903.D
Acq: 12 Jul 2024 16:41

Tgt Ion: 75 Resp: 41319
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

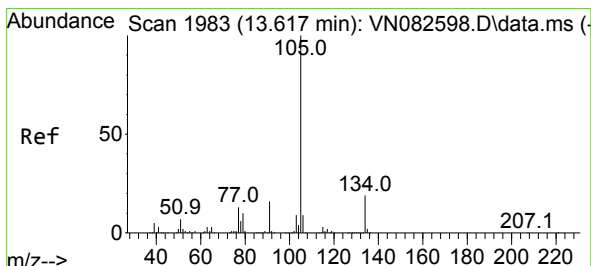
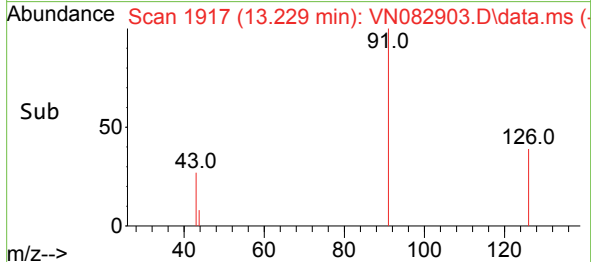
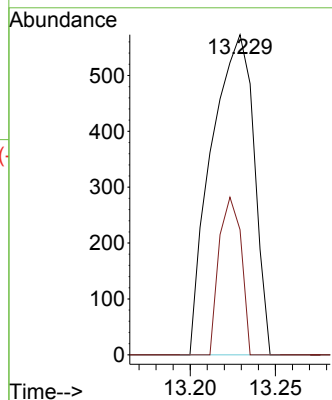
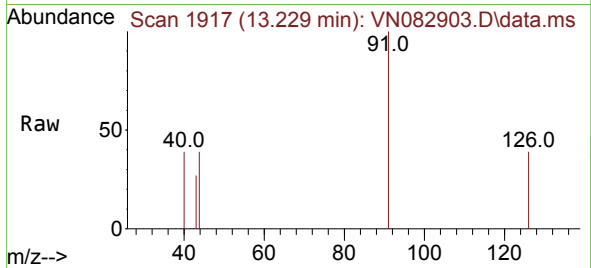




#82
4-Chlorotoluene
Concen: 0.255 ug/l
RT: 13.229 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VN082903.D
Acq: 12 Jul 2024 16:41

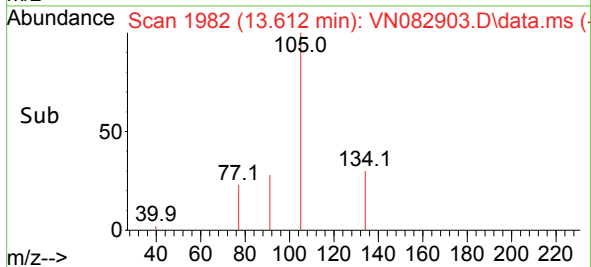
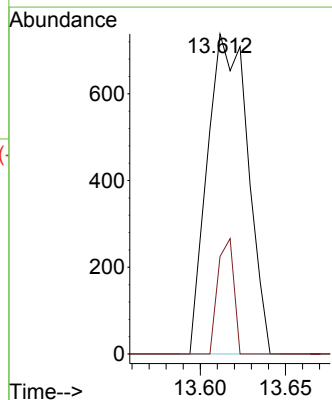
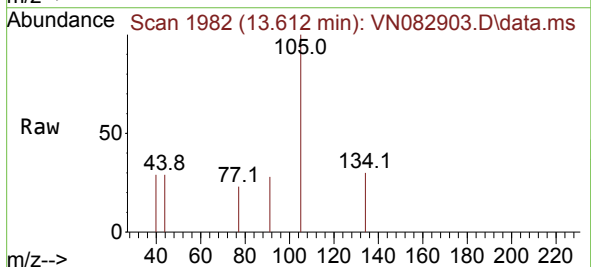
Instrument :
MSVOA_N
ClientSampleId :
PB162021TB

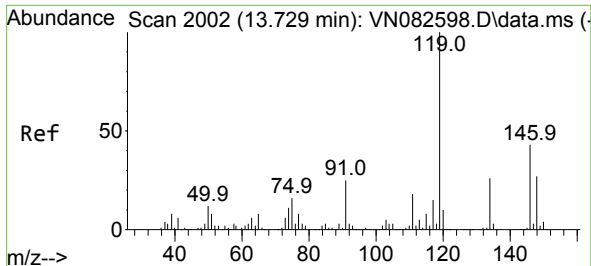
Tgt Ion: 91 Resp: 994
Ion Ratio Lower Upper
91 100
126 25.6 16.2 48.6



#85
sec-Butylbenzene
Concen: 0.233 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. -0.005 min
Lab File: VN082903.D
Acq: 12 Jul 2024 16:41

Tgt Ion: 105 Resp: 1213
Ion Ratio Lower Upper
105 100
134 14.3 9.8 29.3

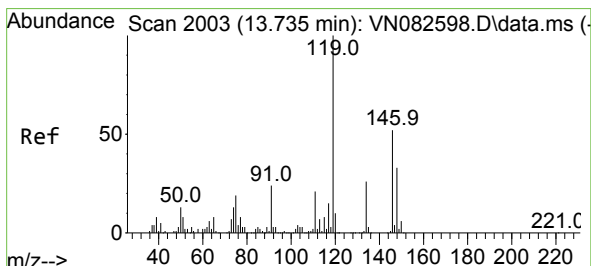
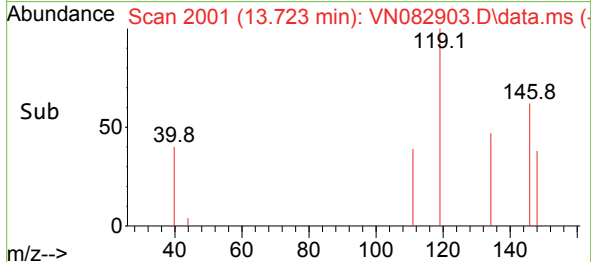
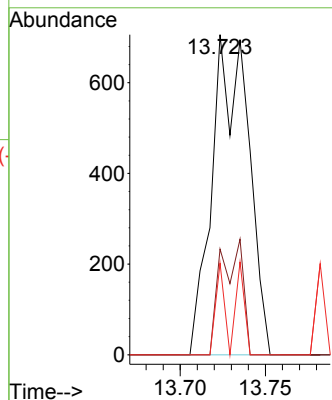
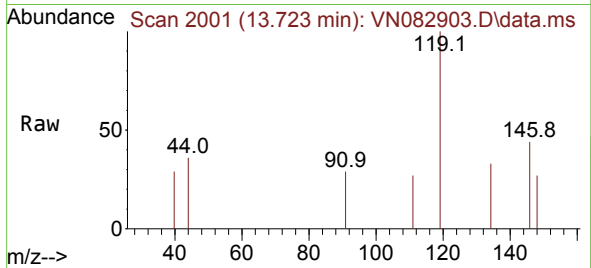




#86
p-Isopropyltoluene
Concen: 0.241 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. -0.006 min
Lab File: VN082903.D
Acq: 12 Jul 2024 16:41

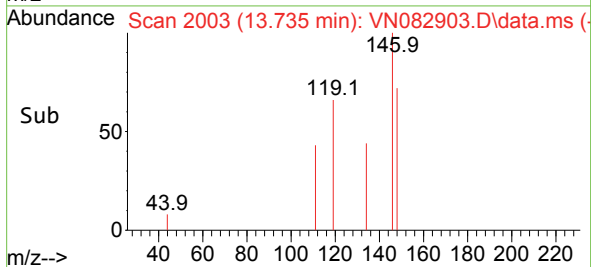
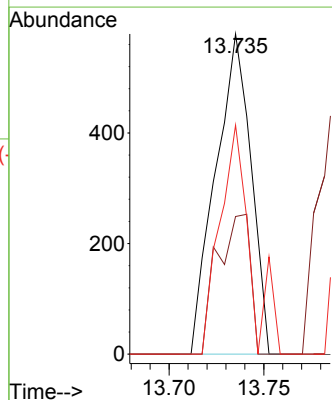
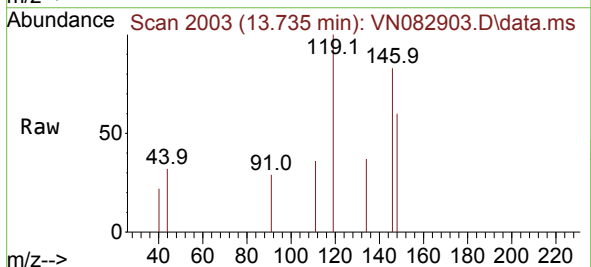
Instrument :
MSVOA_N
ClientSampleId :
PB162021TB

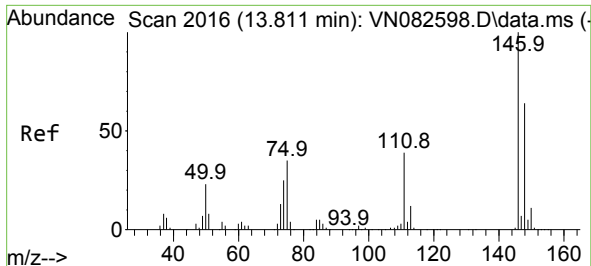
Tgt Ion:119 Resp: 1047
Ion Ratio Lower Upper
119 100
134 21.8 13.0 39.0
91 13.8 12.3 36.9



#87
1,3-Dichlorobenzene
Concen: 0.300 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN082903.D
Acq: 12 Jul 2024 16:41

Tgt Ion:146 Resp: 751
Ion Ratio Lower Upper
146 100
111 40.3 20.6 61.9
148 61.0 31.8 95.3





#88

1,4-Dichlorobenzene

Concen: 0.290 ug/l

RT: 13.735 min Scan# 2016

Delta R.T. -0.076 min

Lab File: VN082903.D

Acq: 12 Jul 2024 16:41

Instrument :

MSVOA_N

ClientSampleId :

PB162021TB

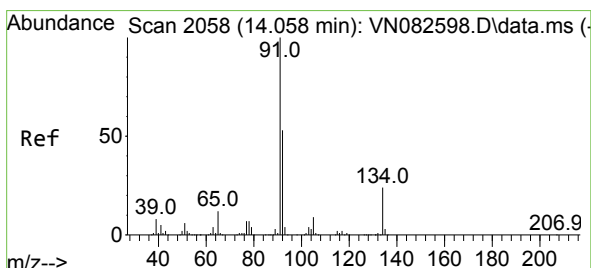
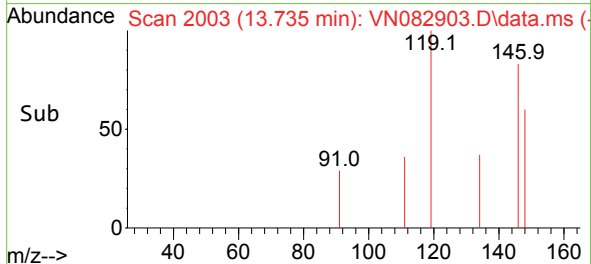
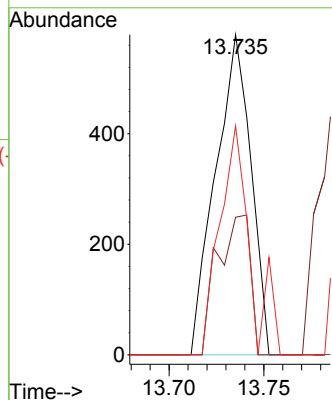
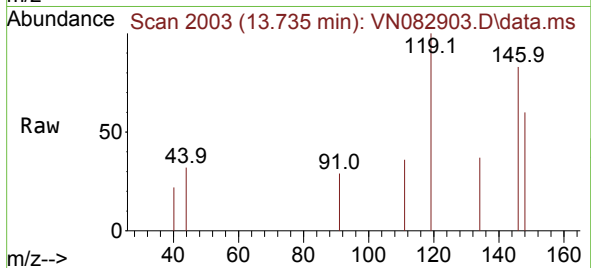
Tgt Ion:146 Resp: 751

Ion Ratio Lower Upper

146 100

111 40.3 20.1 60.3

148 61.0 32.2 96.6



#89

n-Butylbenzene

Concen: 0.432 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.001 min

Lab File: VN082903.D

Acq: 12 Jul 2024 16:41

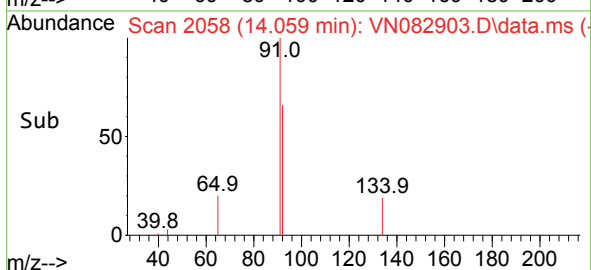
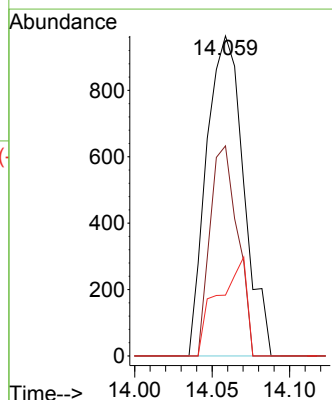
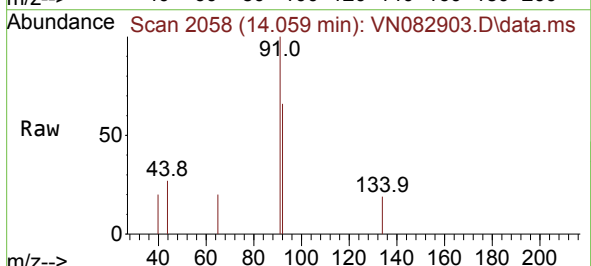
Tgt Ion: 91 Resp: 1608

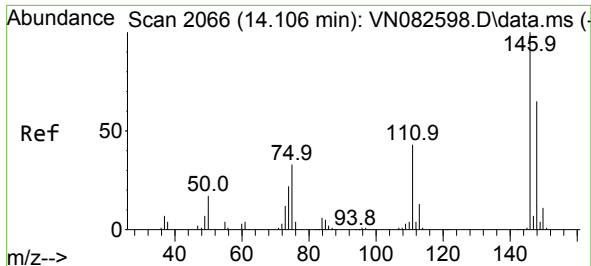
Ion Ratio Lower Upper

91 100

92 48.8 26.1 78.3

134 23.6 12.1 36.3

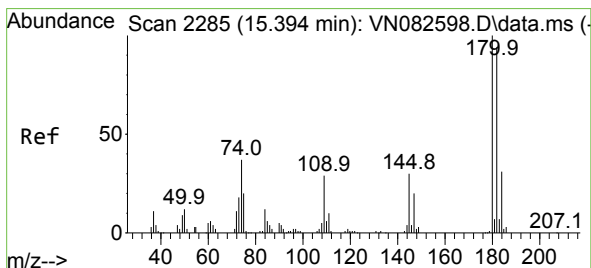
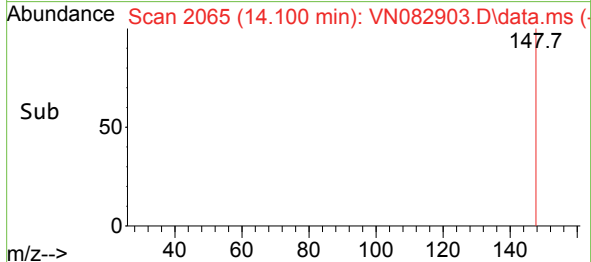
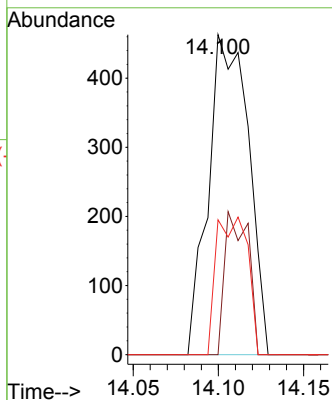
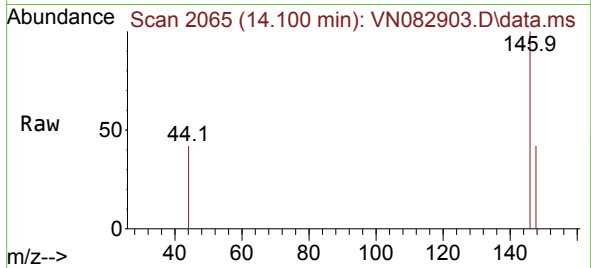




#91
1,2-Dichlorobenzene
Concen: 0.311 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN082903.D
Acq: 12 Jul 2024 16:41

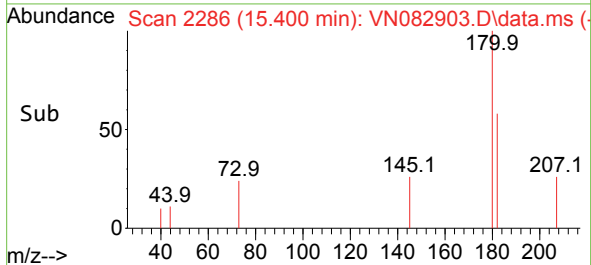
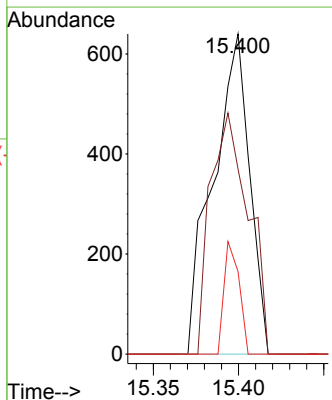
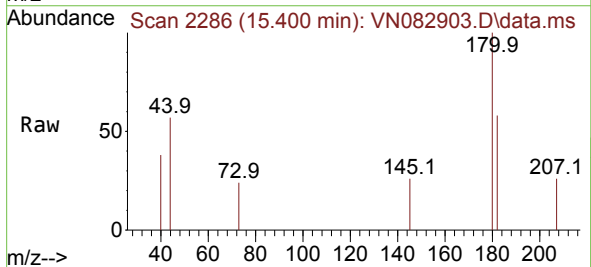
Instrument :
MSVOA_N
ClientSampleId :
PB162021TB

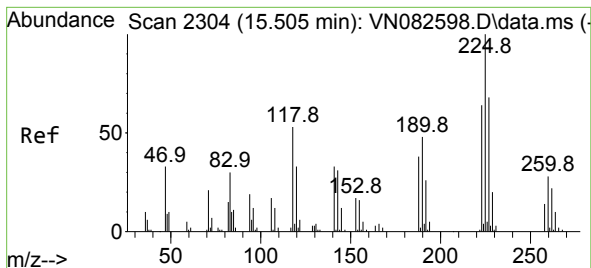
Tgt Ion:146 Resp: 758
Ion Ratio Lower Upper
146 100
111 26.1 21.4 64.2
148 33.6 32.1 96.5



#93
1,2,4-Trichlorobenzene
Concen: 0.728 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. 0.006 min
Lab File: VN082903.D
Acq: 12 Jul 2024 16:41

Tgt Ion:180 Resp: 954
Ion Ratio Lower Upper
180 100
182 78.3 47.3 141.8
145 14.5 15.7 47.1#





#94

Hexachlorobutadiene

Concen: 0.916 ug/l

RT: 15.494 min Scan# 21

Delta R.T. -0.011 min

Lab File: VN082903.D

Acq: 12 Jul 2024 16:41

Instrument :

MSVOA_N

ClientSampleId :

PB162021TB

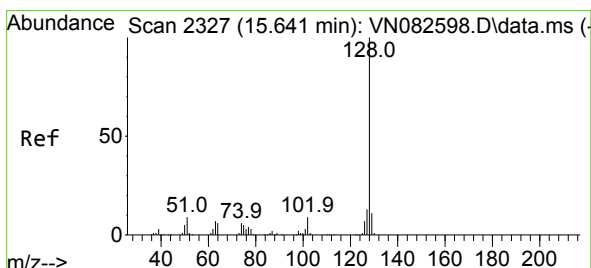
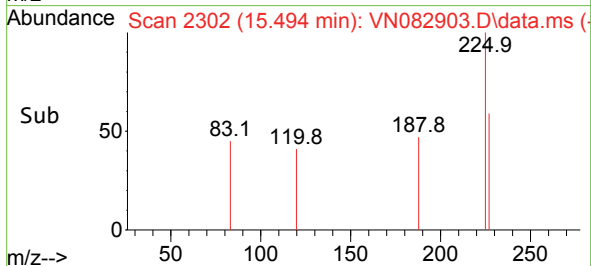
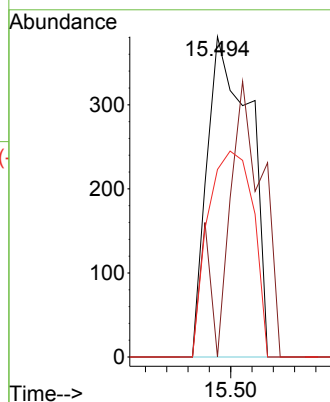
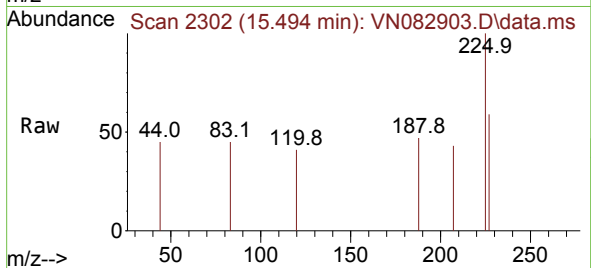
Tgt Ion:225 Resp: 532

Ion Ratio Lower Upper

225 100

223 73.3 31.9 95.7

227 68.0 32.5 97.5



#95

Naphthalene

Concen: 0.627 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN082903.D

Acq: 12 Jul 2024 16:41

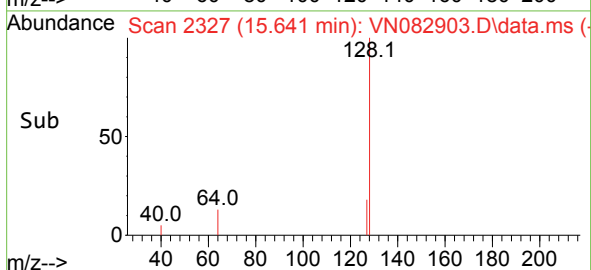
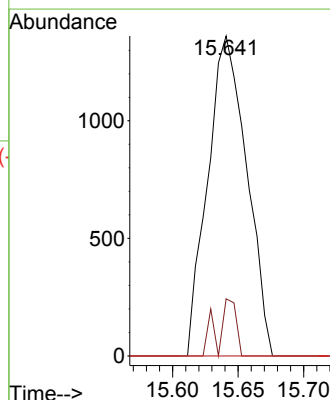
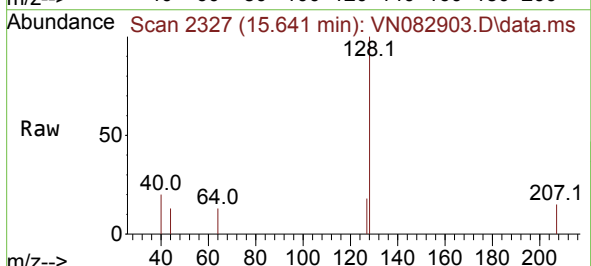
Tgt Ion:128 Resp: 2815

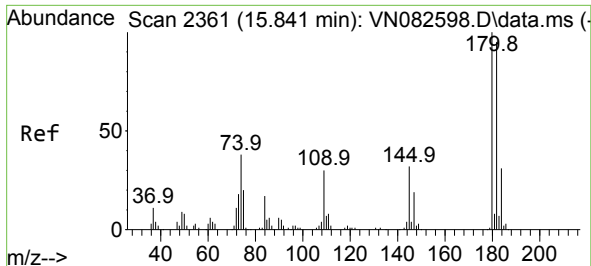
Ion Ratio Lower Upper

128 100

127 8.4 10.6 16.0#

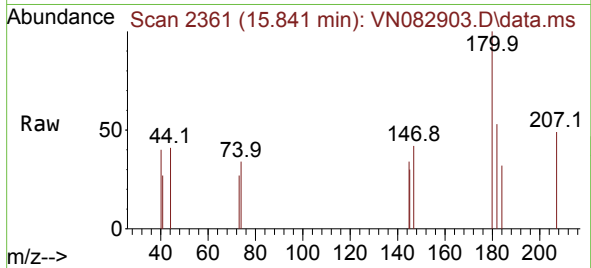
129 0.0 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.807 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN082903.D
 Acq: 12 Jul 2024 16:41

Instrument :
 MSVOA_N
 ClientSampleId :
 PB162021TB



Tgt Ion:180 Resp: 1087

Ion	Ratio	Lower	Upper
180	100		
182	84.8	48.9	146.8
145	32.1	16.8	50.4

