

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032024\
 Data File : VN081504.D
 Acq On : 20 Mar 2024 19:22
 Operator : JC\MD
 Sample : P1784-01DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 21 01:25:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	514906	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	860874	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	749415	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	324576	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	305147	46.471	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.940%		
35) Dibromofluoromethane	8.165	113	259859	47.830	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.660%		
50) Toluene-d8	10.571	98	1007840	51.317	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.640%		
62) 4-Bromofluorobenzene	12.853	95	332211	48.006	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	96.020%		
Target Compounds						Qvalue
5) Bromomethane	2.971	94	1191	0.217	ug/l #	58
13) Acrolein	4.153	56	7414	7.220	ug/l #	1
14) Allyl chloride	5.118	41	2728	0.358	ug/l #	23
15) Acrylonitrile	5.812	53	11954	3.905	ug/l #	27
16) Acetone	4.418	43	38804	18.286	ug/l #	59
18) Methyl Acetate	5.283	43	159547	24.386	ug/l #	54
20) Methylene Chloride	5.265	84	1943	0.280	ug/l #	1
25) 2-Butanone	7.494	43	3155	0.867	ug/l #	51
31) Cyclohexane	8.259	56	144984	13.568	ug/l #	76
36) 1,1-Dichloropropene	8.224	75	41921	4.585	ug/l #	47
37) Ethyl Acetate	7.494	43	3155	0.403	ug/l #	70
38) Carbon Tetrachloride	8.224	117	54534	5.445	ug/l #	18
39) Methylcyclohexane	9.329	83	15725	1.540	ug/l	91
40) Benzene	8.612	78	14330	0.536	ug/l	99
43) Isopropyl Acetate	8.700	43	75448	5.814	ug/l #	57
47) Bromodichloromethane	9.876	83	2195	0.228	ug/l #	23
48) Methyl methacrylate	9.600	41	31685	5.293	ug/l #	52
52) Toluene	10.629	92	189902	11.177	ug/l	99
55) 1,1,2-Trichloroethane	11.006	97	15001	2.194	ug/l #	20
56) Ethyl methacrylate	10.847	69	1059	0.685	ug/l #	1
67) Ethyl Benzene	11.965	91	1429666	46.457	ug/l	97
68) m/p-Xylenes	12.070	106	934997	81.045	ug/l	95
69) o-Xylene	12.400	106	300643	26.545	ug/l	93
70) Styrene	12.400	104	16909	0.926	ug/l #	1
73) Isopropylbenzene	12.700	105	117052	4.231	ug/l	99
76) 1,2,3-Trichloropropane	12.847	75	175002	22.540	ug/l #	1
78) n-propylbenzene	13.035	91	562835	17.226	ug/l	95
79) 2-Chlorotoluene	13.129	91	32997	1.687	ug/l #	45
80) 1,3,5-Trimethylbenzene	13.176	105	74878	3.277	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.847	75	175002	60.911	ug/l #	14
82) 4-Chlorotoluene	13.129	91	32997	1.711	ug/l #	44
83) tert-Butylbenzene	13.482	119	232792	11.813	ug/l #	73
84) 1,2,4-Trimethylbenzene	13.482	105	1960751	85.370	ug/l	94
85) sec-Butylbenzene	13.482	105	1960751	69.604	ug/l #	60
86) p-Isopropyltoluene	13.729	119	21219	0.921	ug/l #	69
89) n-Butylbenzene	14.053	91	34928	1.711	ug/l #	76

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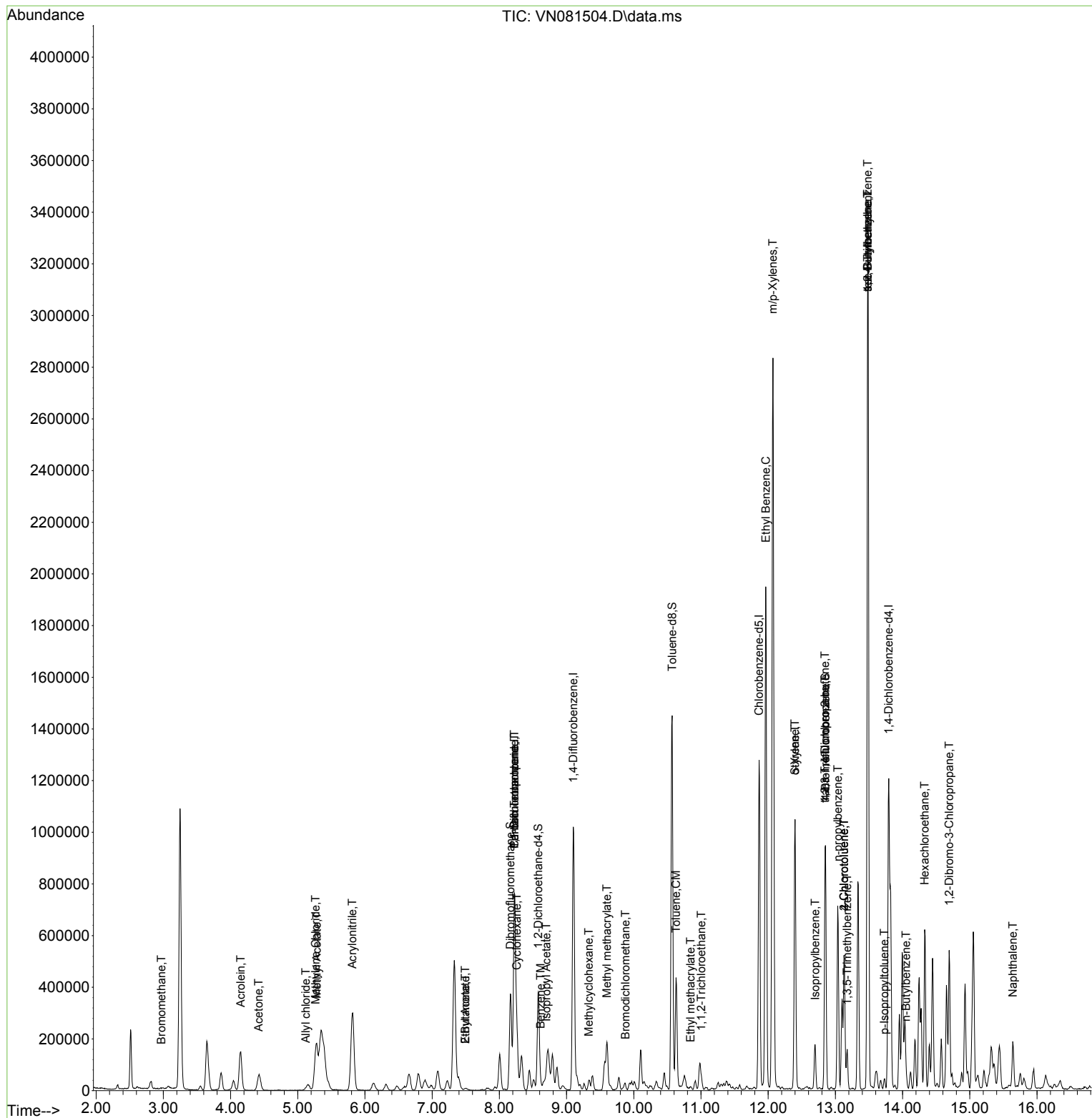
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	14.329	117	31178	7.149	ug/l #	21
92) 1,2-Dibromo-3-Chloropr...	14.694	75	2306	1.332	ug/l #	13
95) Naphthalene	15.641	128	164917	7.283	ug/l	99

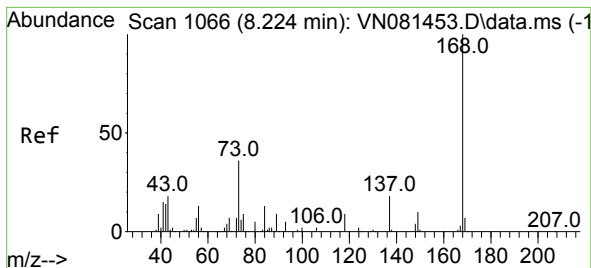
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081504.D

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Instrument :

MSVOA_N

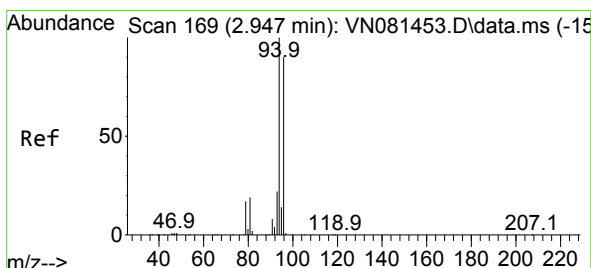
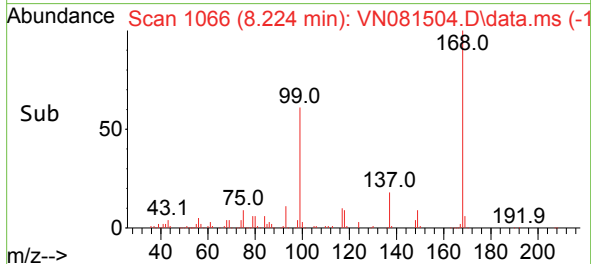
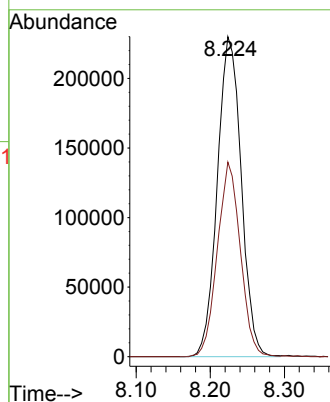
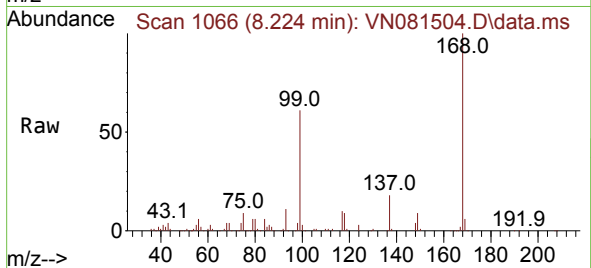
ClientSampleId :

Tgt Ion:168 Resp: 514906

Ion Ratio Lower Upper

168 100

99 60.8 59.9 89.9



#5

Bromomethane

Concen: 0.217 ug/l

RT: 2.971 min Scan# 173

Delta R.T. 0.024 min

Lab File: VN081504.D

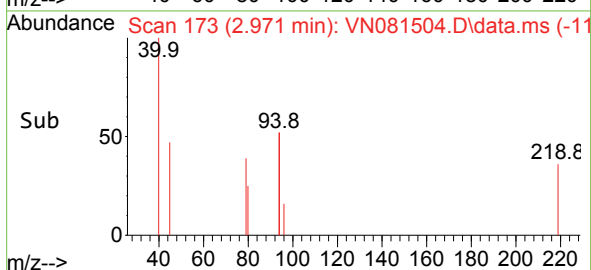
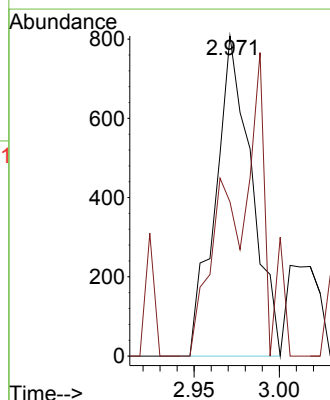
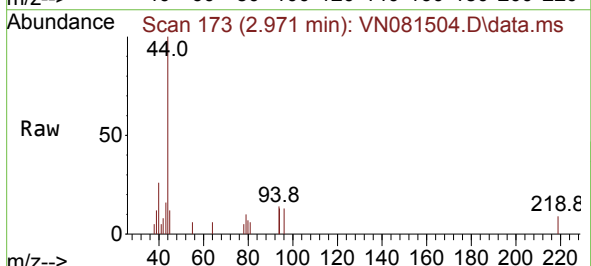
Acq: 20 Mar 2024 19:22

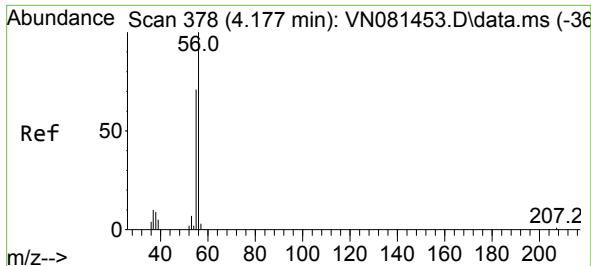
Tgt Ion: 94 Resp: 1191

Ion Ratio Lower Upper

94 100

96 48.1 69.2 103.8#

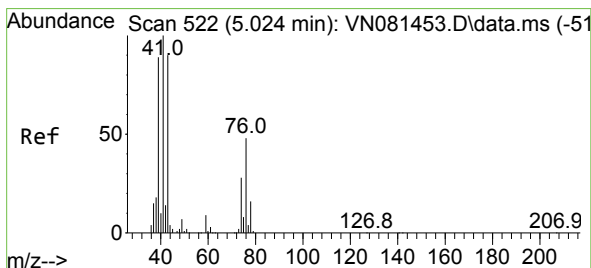
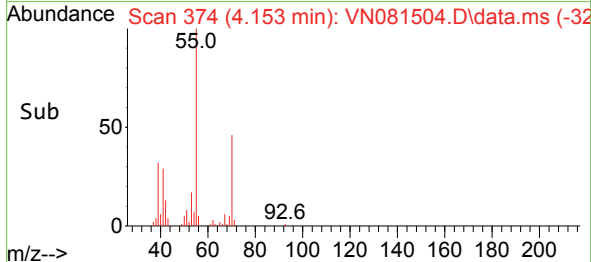
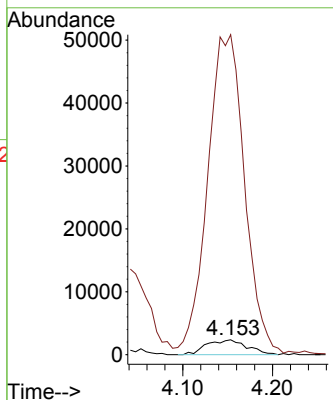
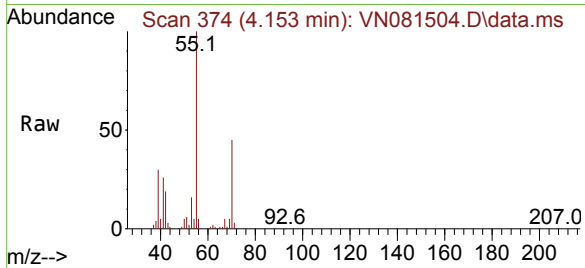




#13
Acrolein
Concen: 7.220 ug/l
RT: 4.153 min Scan# 31
Delta R.T. -0.023 min
Lab File: VN081504.D
Acq: 20 Mar 2024 19:22

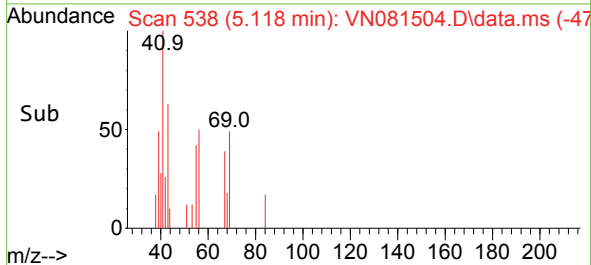
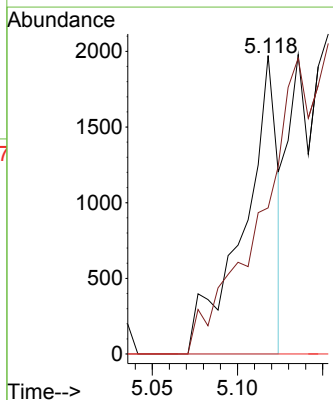
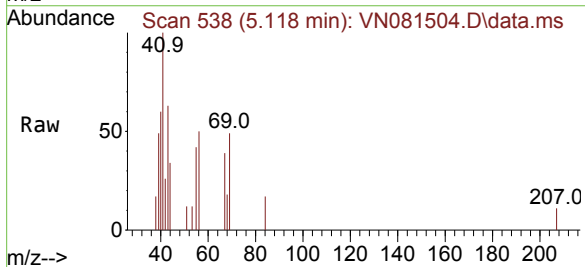
Instrument :
MSVOA_N
ClientSampleId :

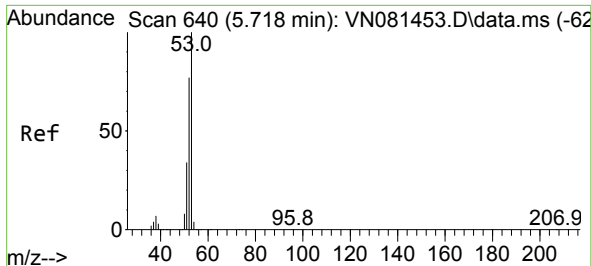
Tgt Ion: 56 Resp: 7414
Ion Ratio Lower Upper
56 100
55 1939.6 55.3 82.9#



#14
Allyl chloride
Concen: 0.358 ug/l
RT: 5.118 min Scan# 538
Delta R.T. 0.094 min
Lab File: VN081504.D
Acq: 20 Mar 2024 19:22

Tgt Ion: 41 Resp: 2728
Ion Ratio Lower Upper
41 100
39 142.9 57.7 86.5#
76 0.0 26.8 40.2#

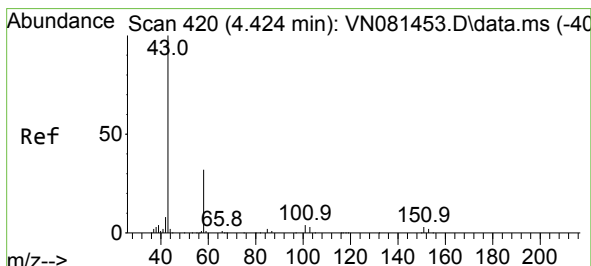
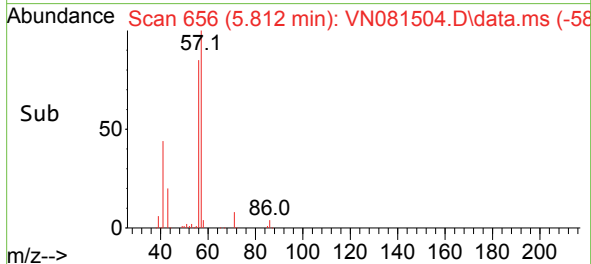
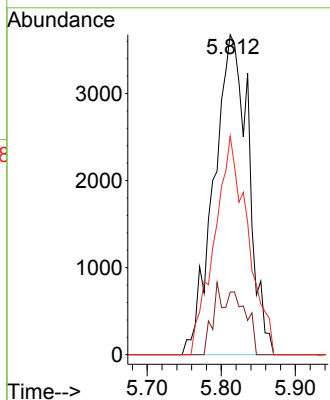
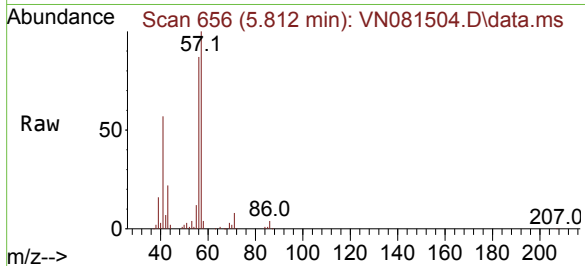




#15
Acrylonitrile
Concen: 3.905 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.094 min
Lab File: VN081504.D
Acq: 20 Mar 2024 19:22

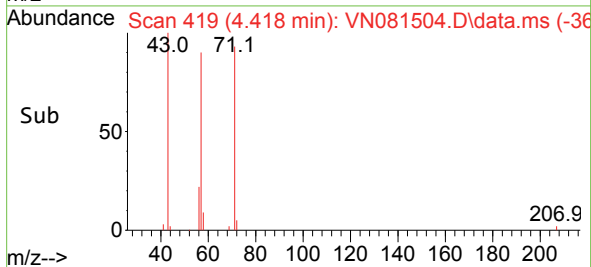
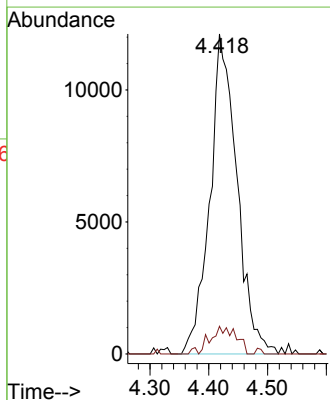
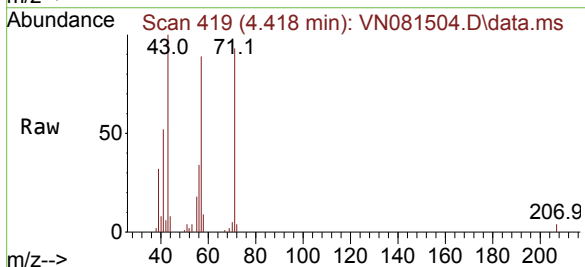
Instrument :
MSVOA_N
ClientSampleId :

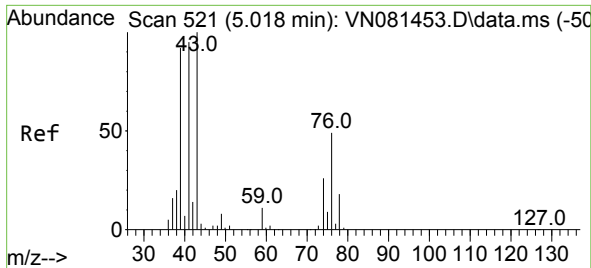
Tgt Ion: 53 Resp: 11954
Ion Ratio Lower Upper
53 100
52 10.1 64.8 97.2#
51 66.0 26.9 40.3#



#16
Acetone
Concen: 18.286 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN081504.D
Acq: 20 Mar 2024 19:22

Tgt Ion: 43 Resp: 38804
Ion Ratio Lower Upper
43 100
58 8.6 24.8 37.2#

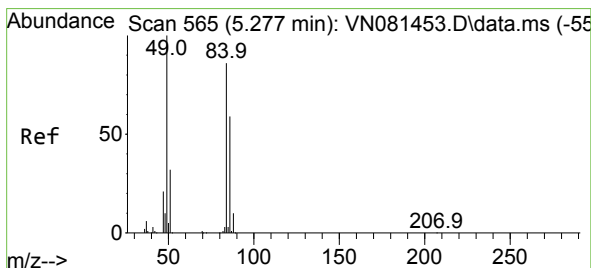
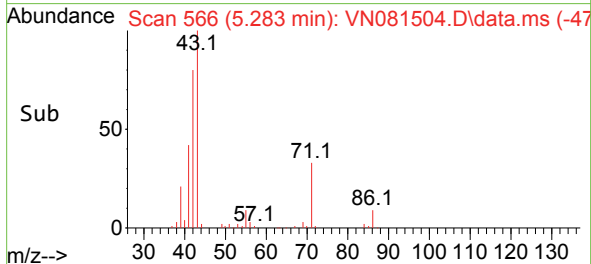
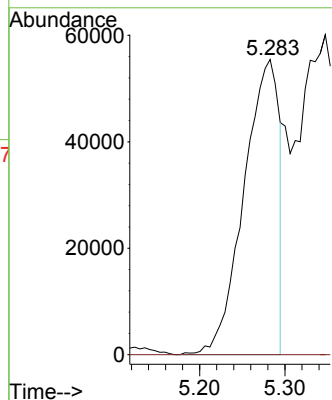
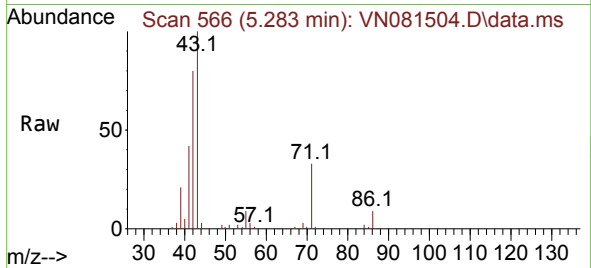




#18
Methyl Acetate
Concen: 24.386 ug/l
RT: 5.283 min Scan# 50
Delta R.T. 0.265 min
Lab File: VN081504.D
Acq: 20 Mar 2024 19:22

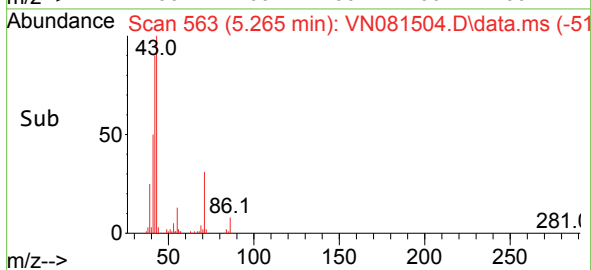
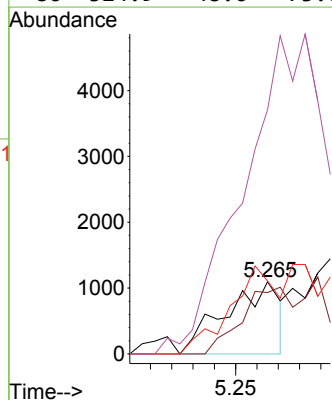
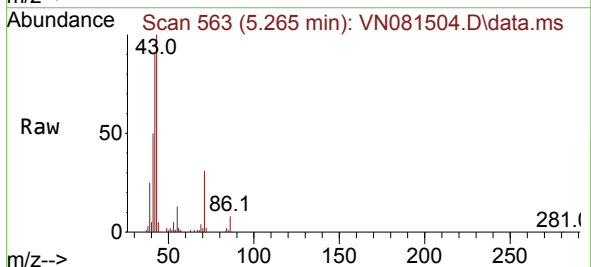
Instrument :
MSVOA_N
ClientSampleId :

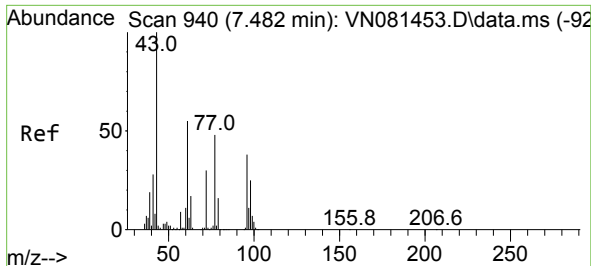
Tgt Ion: 43 Resp: 159547
Ion Ratio Lower Upper
43 100
74 0.0 17.3 25.9#



#20
Methylene Chloride
Concen: 0.280 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.012 min
Lab File: VN081504.D
Acq: 20 Mar 2024 19:22

Tgt Ion: 84 Resp: 1943
Ion Ratio Lower Upper
84 100
49 85.3 108.1 162.1#
51 101.2 32.9 49.3#
86 324.9 48.6 73.0#

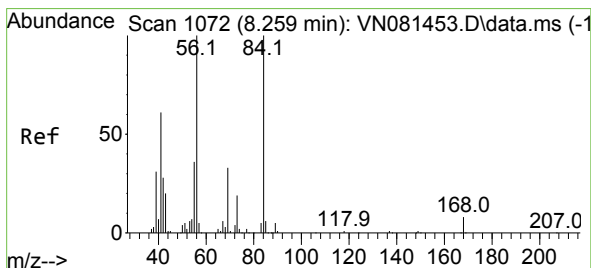
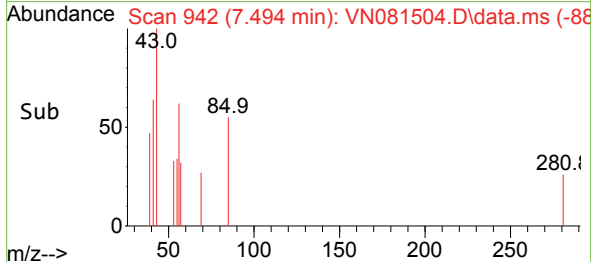
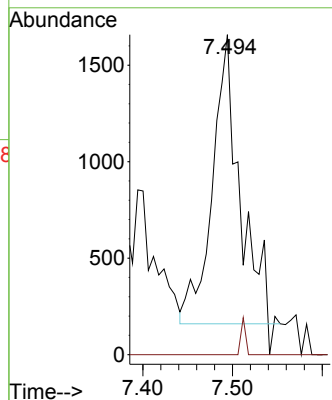
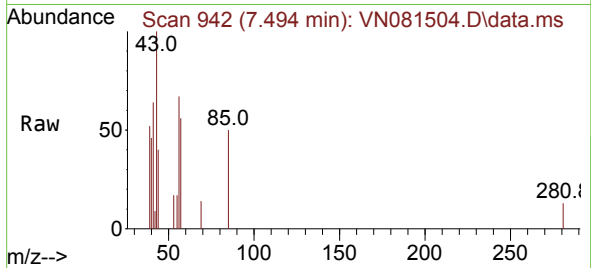




#25
2-Butanone
Concen: 0.867 ug/l
RT: 7.494 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN081504.D
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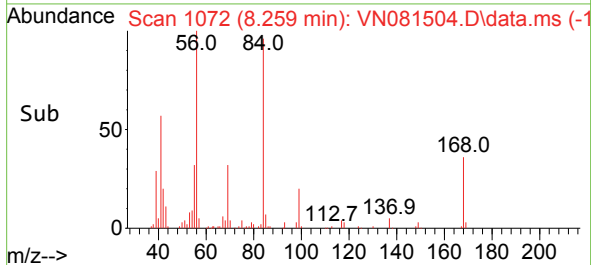
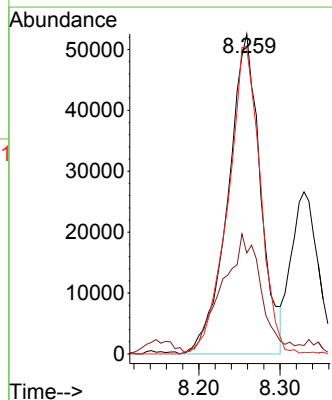
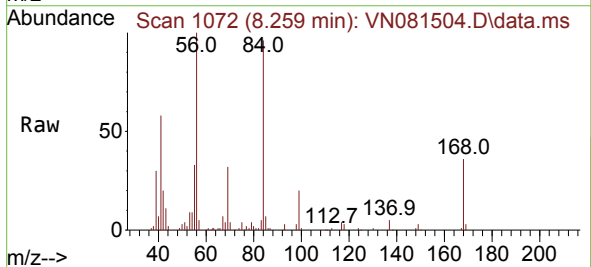
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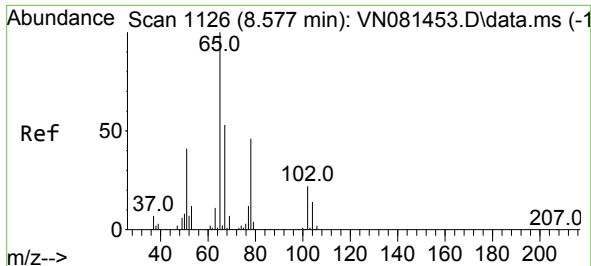
Tgt Ion: 43 Resp: 3155
Ion Ratio Lower Upper
43 100
72 0.0 19.5 29.3#



#31
Cyclohexane
Concen: 13.568 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081504.D
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Tgt Ion: 56 Resp: 144984
Ion Ratio Lower Upper
56 100
69 29.6 20.1 30.1
84 95.6 56.9 85.3#





#33

1,2-Dichloroethane-d4

Concen: 46.471 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081504.D

Acq: 20 Mar 2024 19:22

Instrument :

MSVOA_N

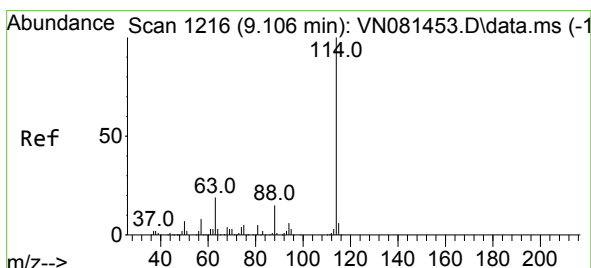
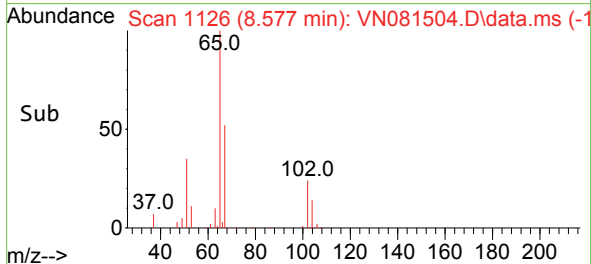
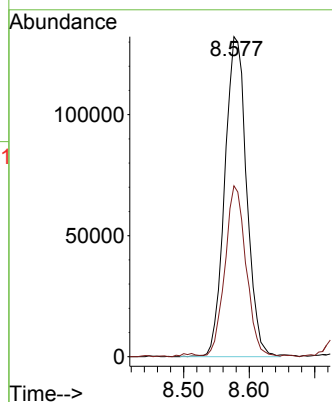
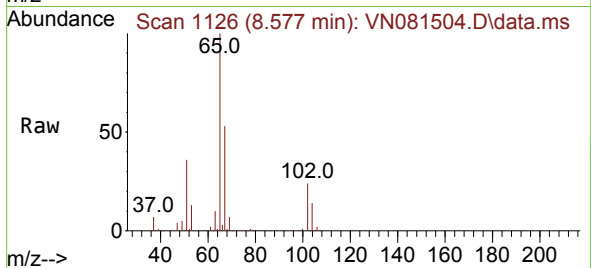
ClientSampleId :

Tgt Ion: 65 Resp: 305147

Ion Ratio Lower Upper

65 100

67 51.4 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081504.D

Acq: 20 Mar 2024 19:22

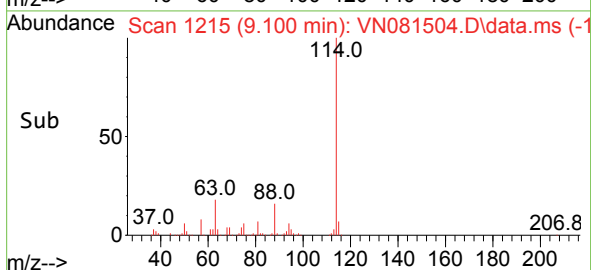
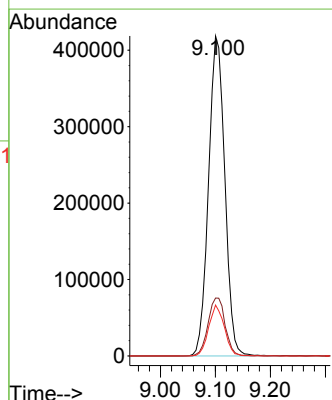
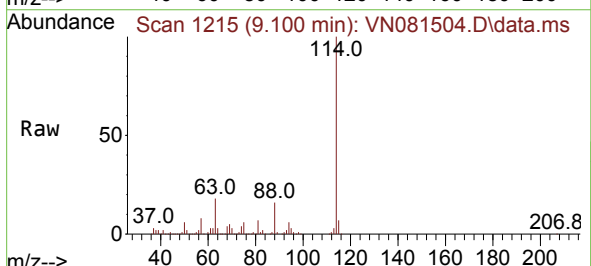
Tgt Ion: 114 Resp: 860874

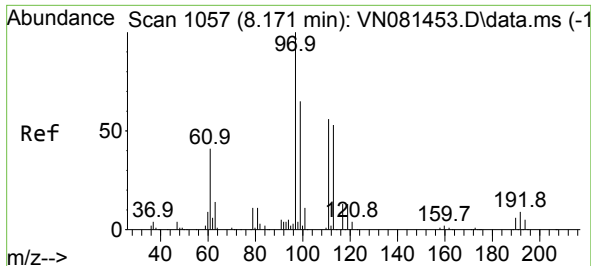
Ion Ratio Lower Upper

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63 18.1 0.0 48.0

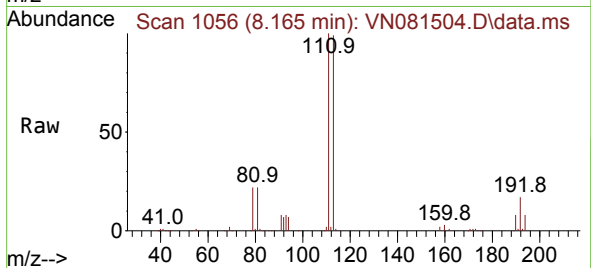
88 15.9 0.0 34.8



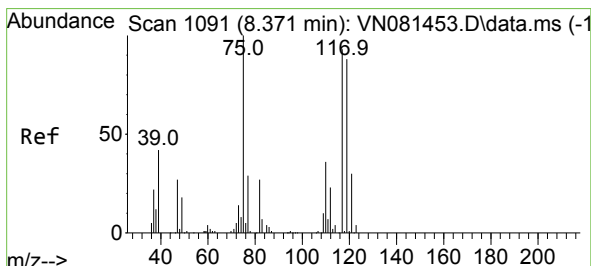
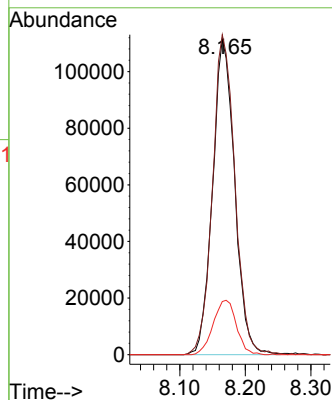
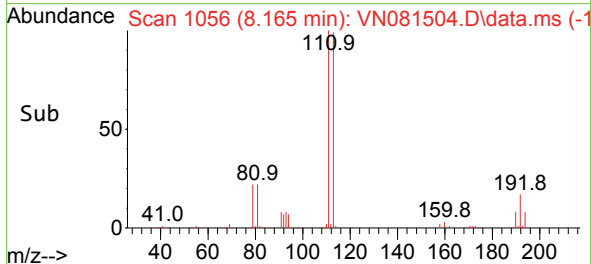


#35
Dibromofluoromethane
Concen: 47.830 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081504.D
Acq: 20 Mar 2024 19:22

Instrument :
MSVOA_N
ClientSampleId :

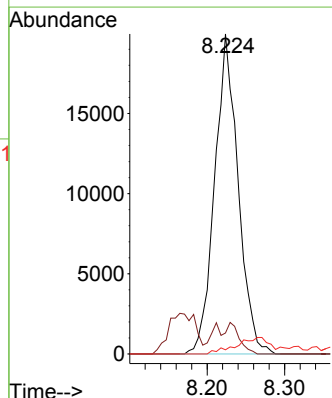
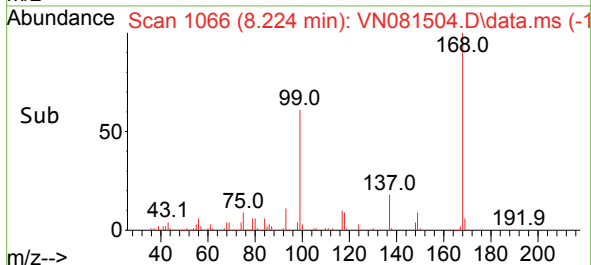
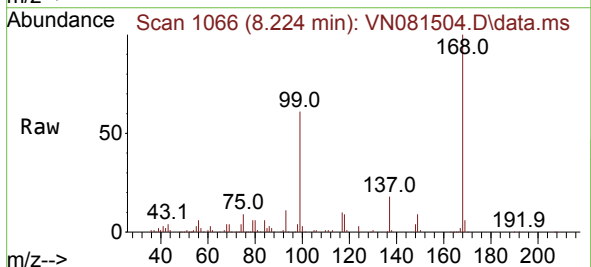


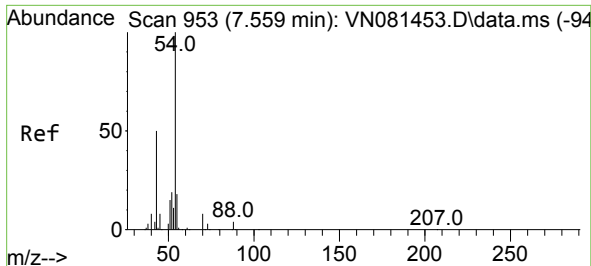
Tgt Ion:113 Resp: 259859
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 18.1 12.5 18.7



#36
1,1-Dichloropropene
Concen: 4.585 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN081504.D
Acq: 20 Mar 2024 19:22

Tgt Ion: 75 Resp: 41921
Ion Ratio Lower Upper
75 100
110 4.7 16.0 48.0#
77 0.0 25.8 38.6#





#37

Ethyl Acetate

Concen: 0.403 ug/l

RT: 7.494 min Scan# 94

Delta R.T. -0.065 min

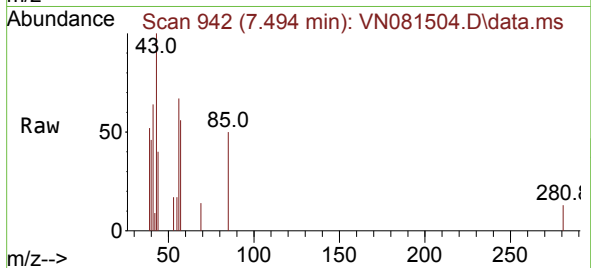
Lab File: VN081504.D

Acq: 20 Mar 2024 19:22

Instrument :

MSVOA_N

ClientSampleId :



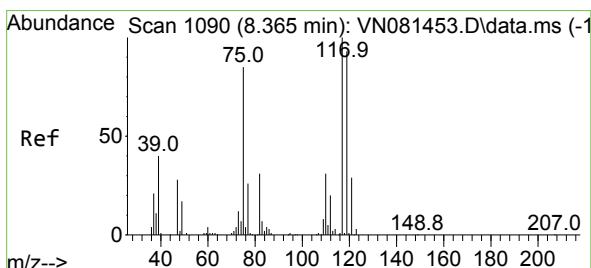
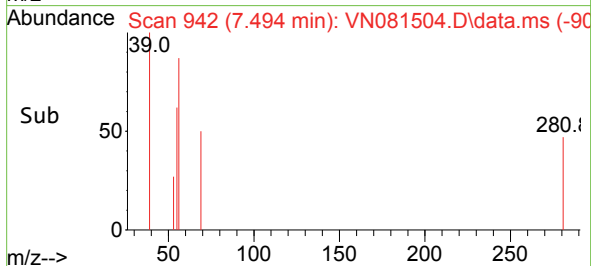
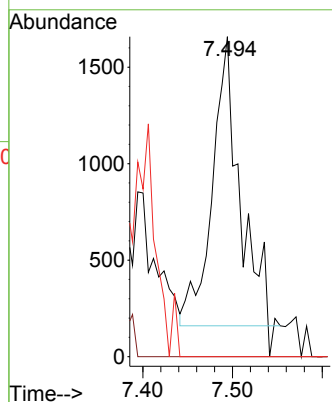
Tgt Ion: 43 Resp: 3155

Ion Ratio Lower Upper

43 100

61 0.0 10.6 15.8#

70 0.0 8.0 12.0#



#38

Carbon Tetrachloride

Concen: 5.445 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN081504.D

Acq: 20 Mar 2024 19:22

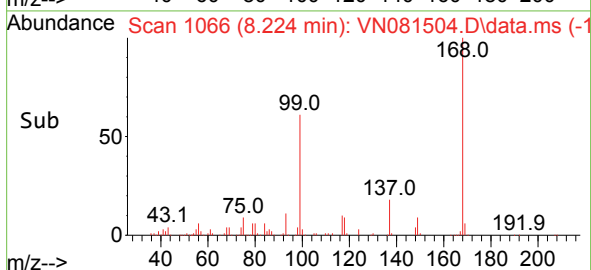
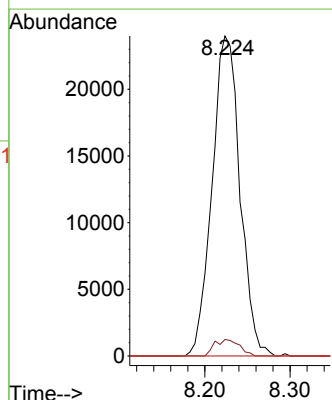
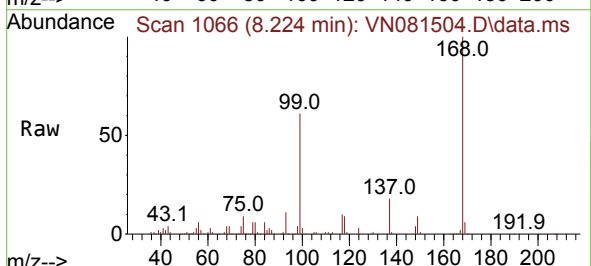
Tgt Ion: 117 Resp: 54534

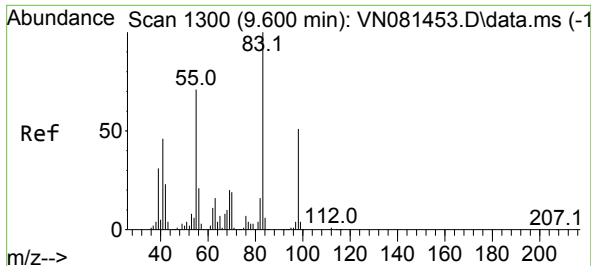
Ion Ratio Lower Upper

117 100

119 5.2 73.4 110.2#

121 0.0 24.4 36.6#





#39

Methylcyclohexane

Concen: 1.540 ug/l

RT: 9.329 min Scan# 1125

Delta R.T. -0.271 min

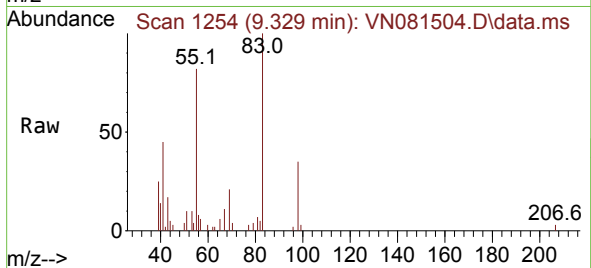
Lab File: VN081504.D

Acq: 20 Mar 2024 19:22

Instrument :

MSVOA_N

ClientSampleId :



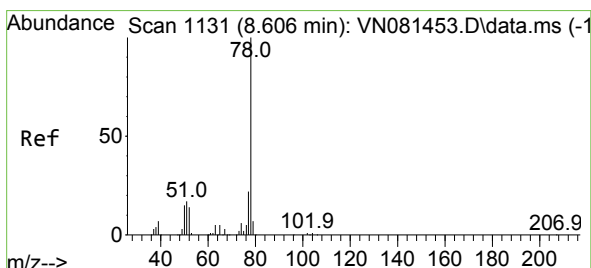
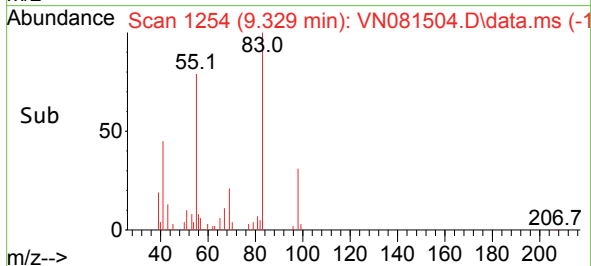
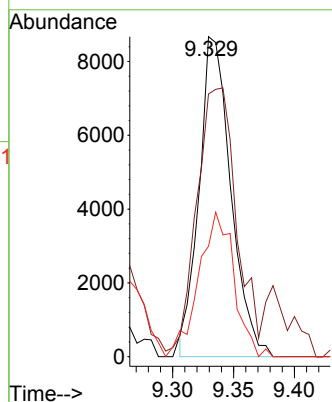
Tgt Ion: 83 Resp: 15725

Ion Ratio Lower Upper

83 100

55 75.5 65.7 98.5

98 34.5 33.8 50.6



#40

Benzene

Concen: 0.536 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VN081504.D

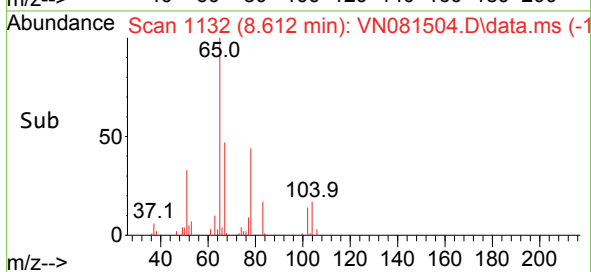
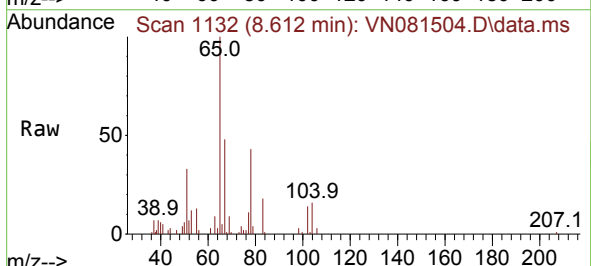
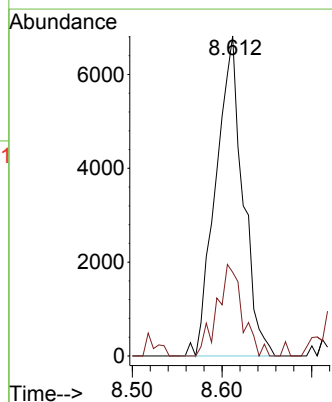
Acq: 20 Mar 2024 19:22

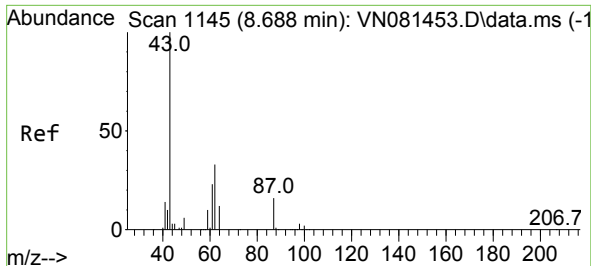
Tgt Ion: 78 Resp: 14330

Ion Ratio Lower Upper

78 100

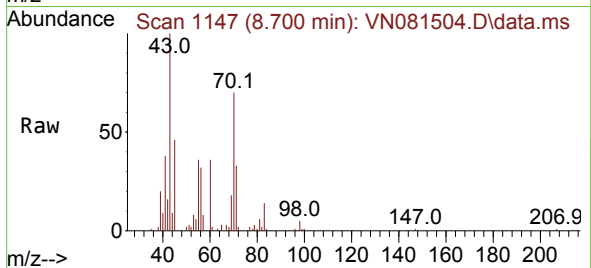
77 26.1 20.4 30.6



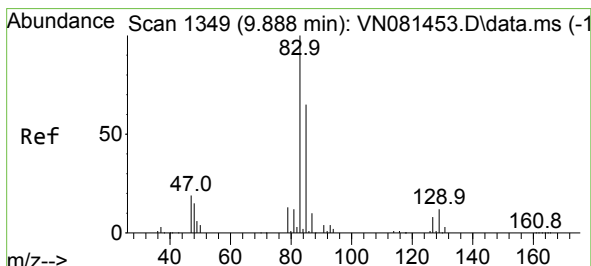
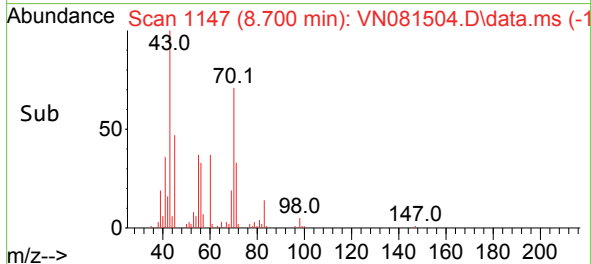
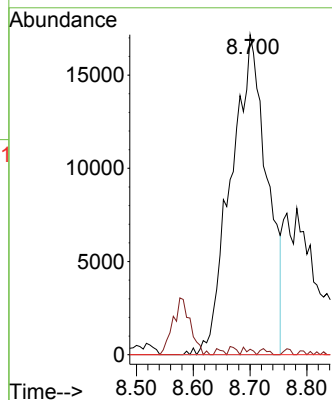


#43
Isopropyl Acetate
Concen: 5.814 ug/l
RT: 8.700 min Scan# 1145
Delta R.T. 0.012 min
Lab File: VN081504.D
Acq: 20 Mar 2024 19:22

Instrument :
MSVOA_N
ClientSampleId :

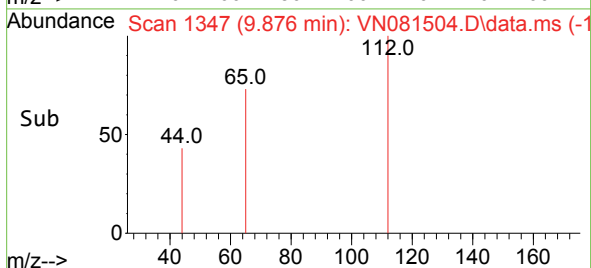
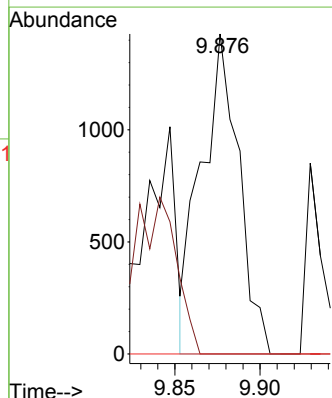
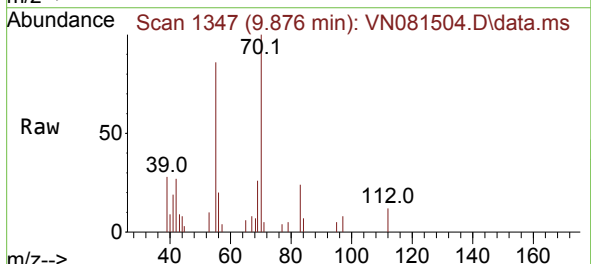


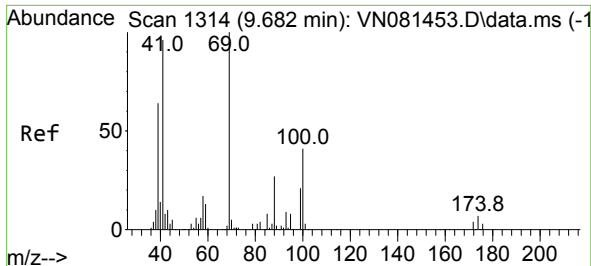
Tgt Ion: 43 Resp: 75448
Ion Ratio Lower Upper
43 100
61 0.5 19.9 29.9#
87 0.0 9.0 13.6#



#47
Bromodichloromethane
Concen: 0.228 ug/l
RT: 9.876 min Scan# 1347
Delta R.T. -0.012 min
Lab File: VN081504.D
Acq: 20 Mar 2024 19:22

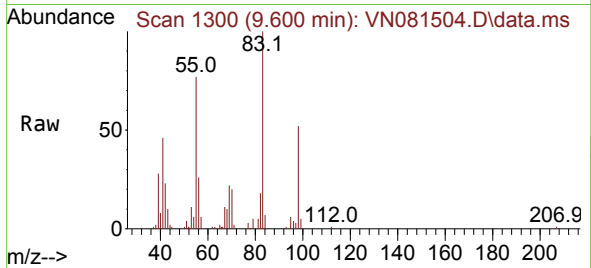
Tgt Ion: 83 Resp: 2195
Ion Ratio Lower Upper
83 100
85 0.0 52.3 78.5#
127 0.0 4.6 7.0#



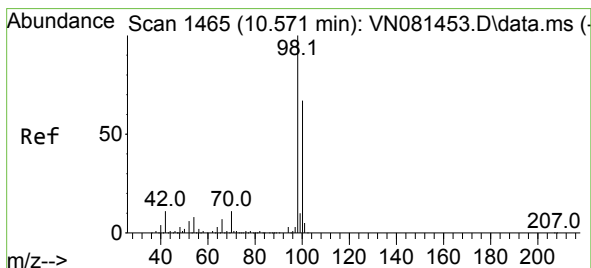
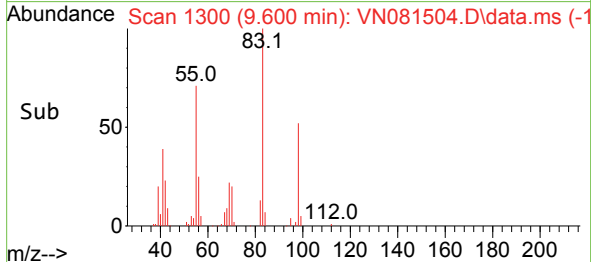
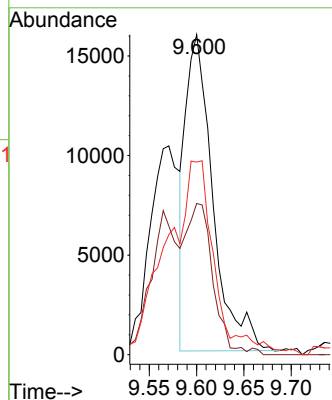


#48
Methyl methacrylate
Concen: 5.293 ug/l
RT: 9.600 min Scan# 11
Delta R.T. -0.082 min
Lab File: VN081504.D
Acq: 20 Mar 2024 19:22

Instrument :
MSVOA_N
ClientSampleId :

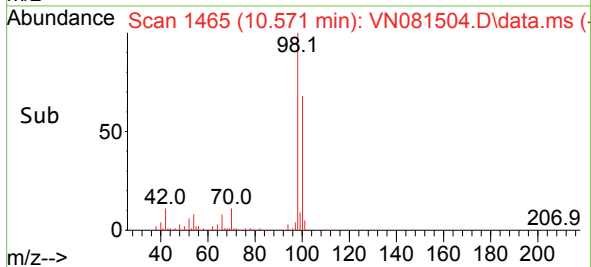
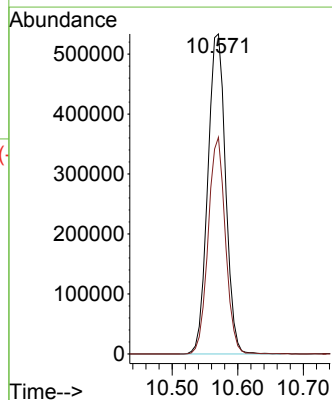
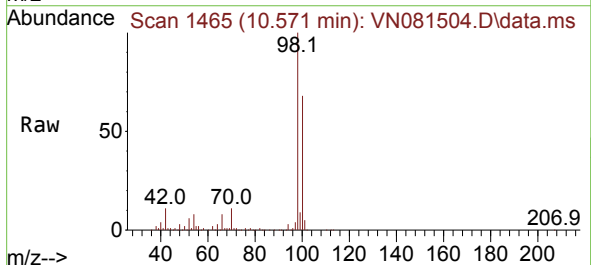


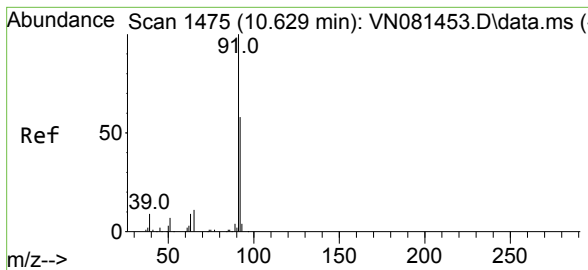
Tgt Ion: 41 Resp: 31685
Ion Ratio Lower Upper
41 100
69 47.7 62.2 93.2#
39 108.2 47.6 71.4#



#50
Toluene-d8
Concen: 51.317 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081504.D
Acq: 20 Mar 2024 19:22

Tgt Ion: 98 Resp: 1007840
Ion Ratio Lower Upper
98 100
100 65.4 51.4 77.0





#52

Toluene

Concen: 11.177 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN081504.D

Acq: 20 Mar 2024 19:22

Instrument :

MSVOA_N

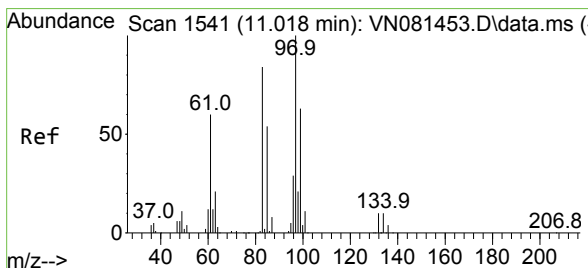
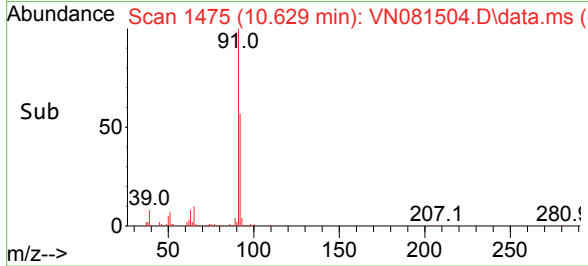
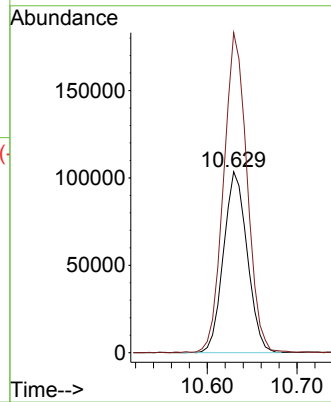
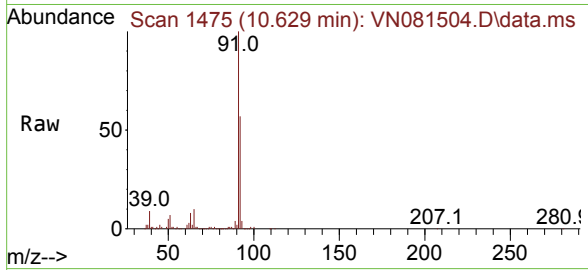
ClientSampleId :

Tgt Ion: 92 Resp: 189902

Ion Ratio Lower Upper

92 100

91 175.3 139.4 209.0



#55

1,1,2-Trichloroethane

Concen: 2.194 ug/l

RT: 11.006 min Scan# 1539

Delta R.T. -0.012 min

Lab File: VN081504.D

Acq: 20 Mar 2024 19:22

Tgt Ion: 97 Resp: 15001

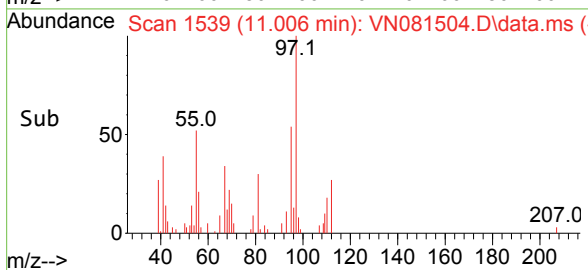
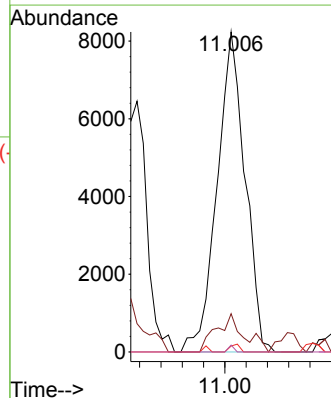
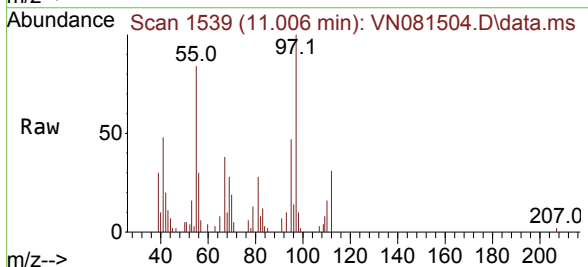
Ion Ratio Lower Upper

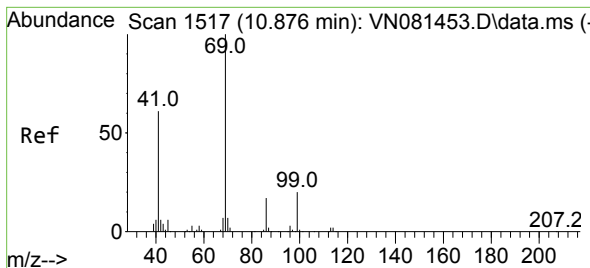
97 100

83 12.0 72.9 109.3#

85 1.9 50.2 75.2#

99 2.1 49.6 74.4#

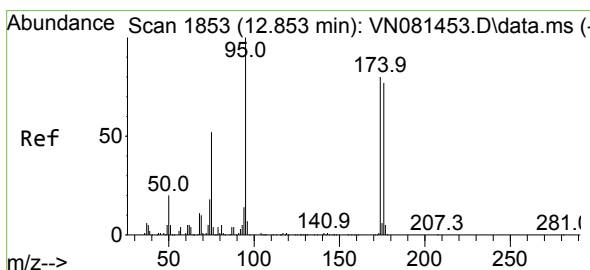
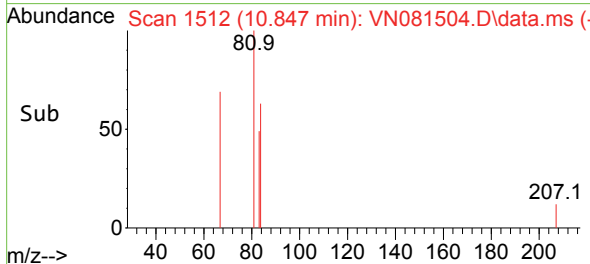
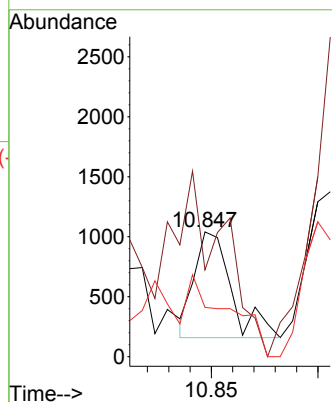
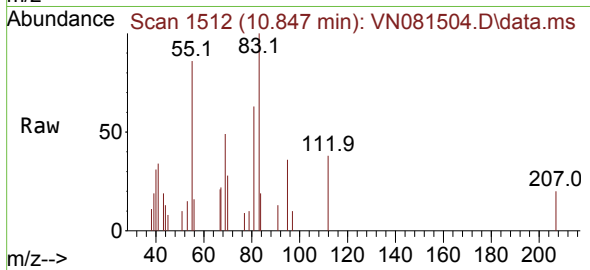




#56
Ethyl methacrylate
Concen: 0.685 ug/l
RT: 10.847 min Scan# 11
Delta R.T. -0.029 min
Lab File: VN081504.D
Acq: 20 Mar 2024 19:22

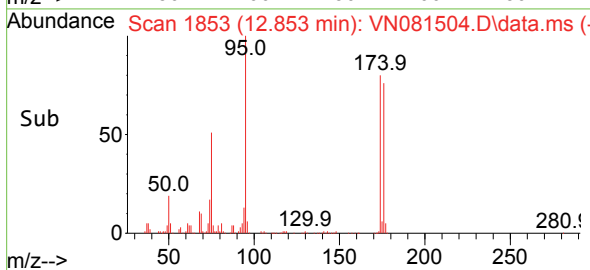
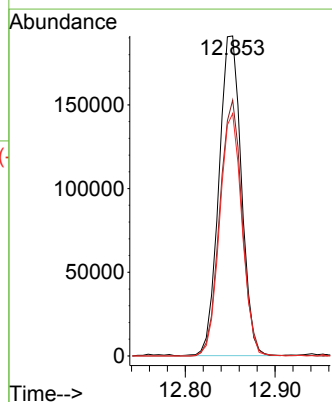
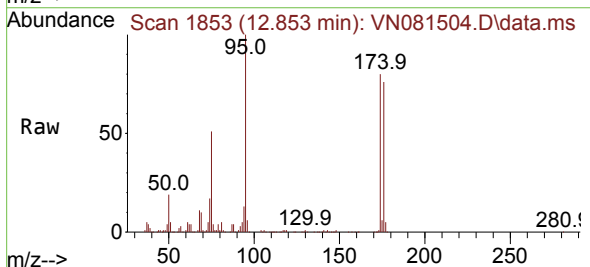
Instrument :
MSVOA_N
ClientSampleId :

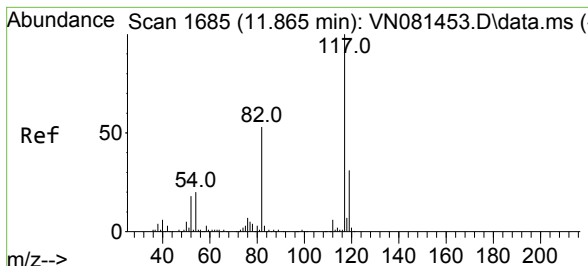
Tgt Ion: 69 Resp: 1059
Ion Ratio Lower Upper
69 100
41 241.7 61.0 91.6#
39 0.0 31.8 47.6#



#62
4-Bromofluorobenzene
Concen: 48.006 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081504.D
Acq: 20 Mar 2024 19:22

Tgt Ion: 95 Resp: 332211
Ion Ratio Lower Upper
95 100
174 79.4 0.0 120.4
176 75.1 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081504.D

Acq: 20 Mar 2024 19:22

Instrument :

MSVOA_N

ClientSampleId :

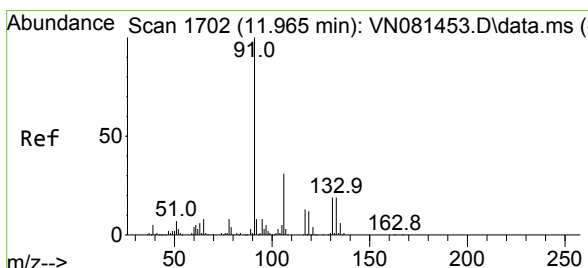
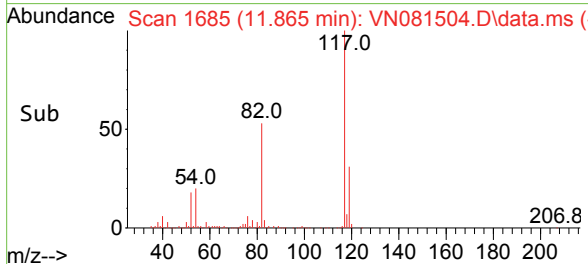
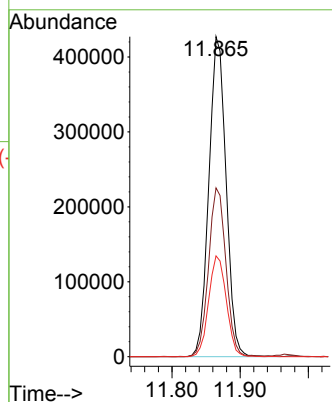
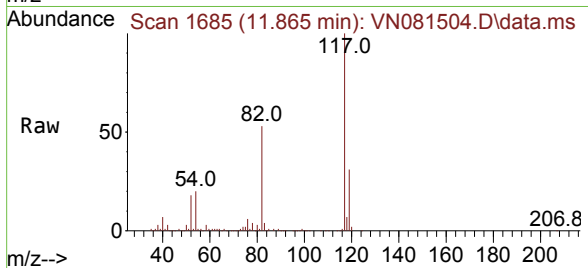
Tgt Ion:117 Resp: 749415

Ion Ratio Lower Upper

117 100

82 52.7 52.7 79.1#

119 31.5 25.3 37.9



#67

Ethyl Benzene

Concen: 46.457 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VN081504.D

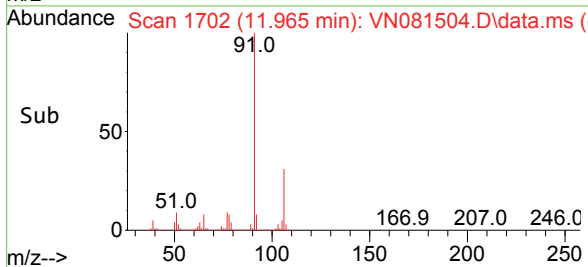
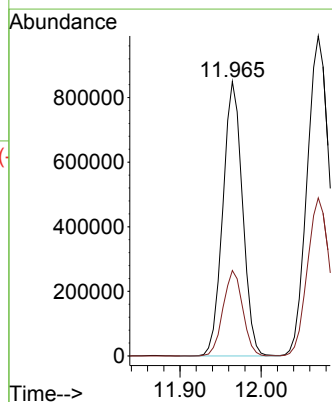
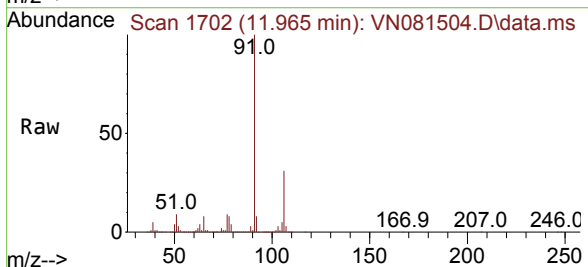
Acq: 20 Mar 2024 19:22

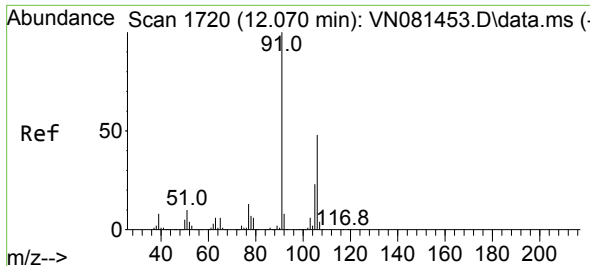
Tgt Ion: 91 Resp: 1429666

Ion Ratio Lower Upper

91 100

106 31.1 23.8 35.6

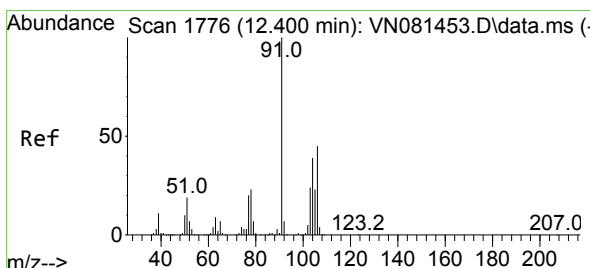
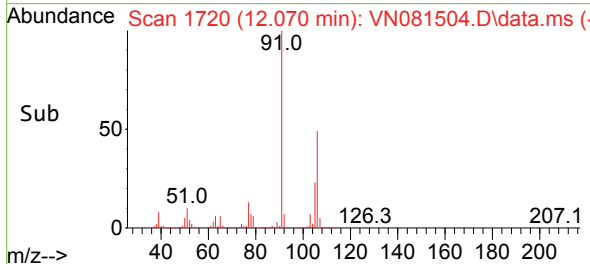
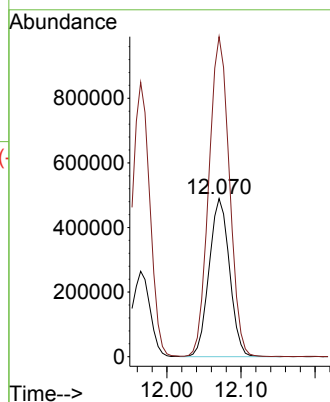
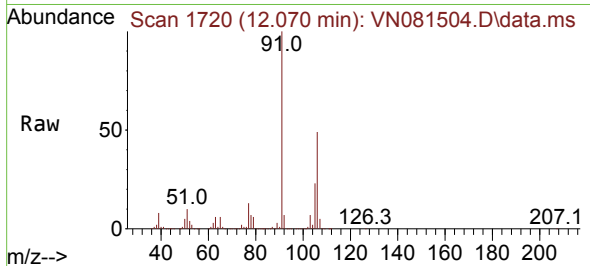




#68
m/p-Xylenes
Concen: 81.045 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081504.D
Acq: 20 Mar 2024 19:22

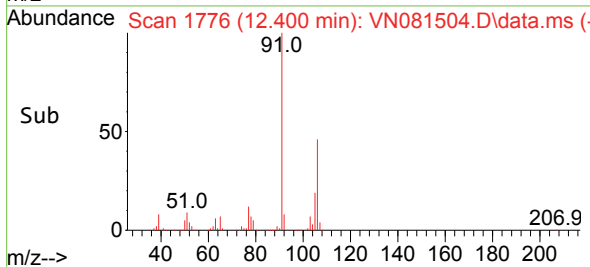
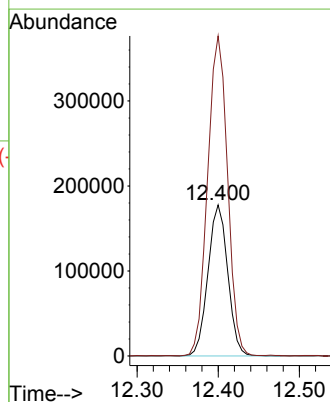
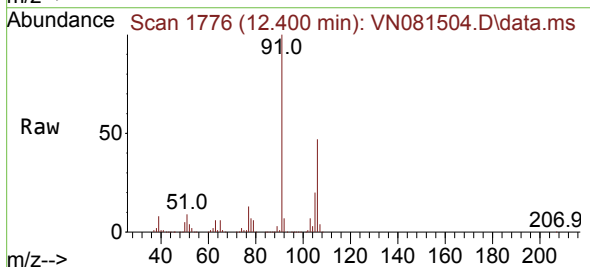
Instrument :
MSVOA_N
ClientSampleId :

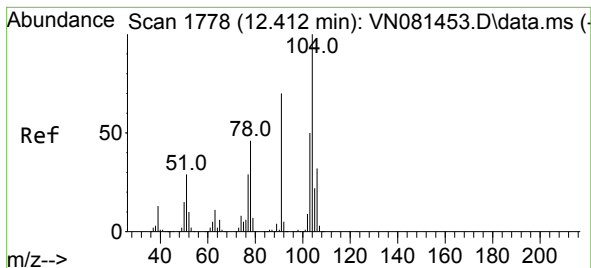
Tgt Ion:106 Resp: 934997
Ion Ratio Lower Upper
106 100
91 203.9 169.0 253.6



#69
o-Xylene
Concen: 26.545 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081504.D
Acq: 20 Mar 2024 19:22

Tgt Ion:106 Resp: 300643
Ion Ratio Lower Upper
106 100
91 213.5 112.1 336.3





#70

Styrene

Concen: 0.926 ug/l

RT: 12.400 min Scan# 11

Delta R.T. -0.012 min

Lab File: VN081504.D

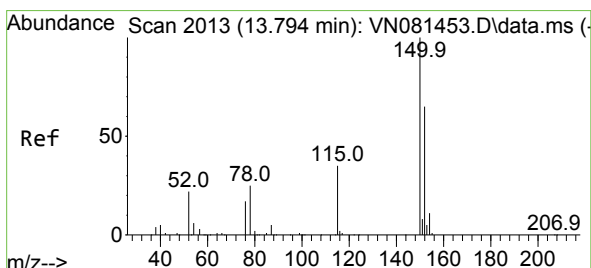
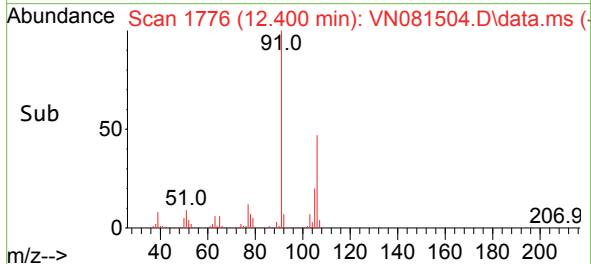
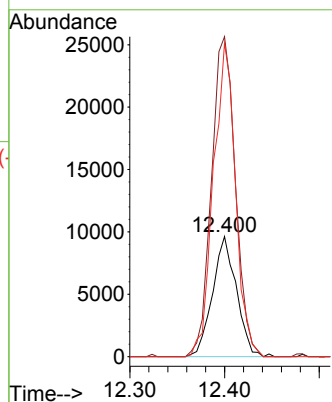
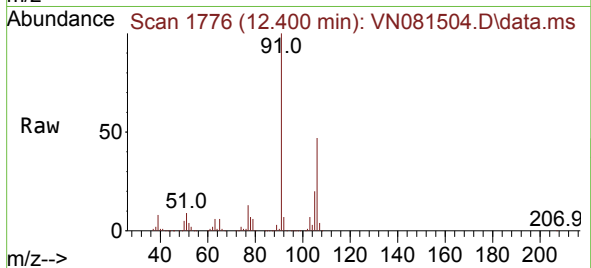
Acq: 20 Mar 2024 19:22

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:104	Resp:	16909
Ion Ratio	Lower	Upper
104	100	
78	265.6	43.8 65.8#
103	241.4	44.2 66.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

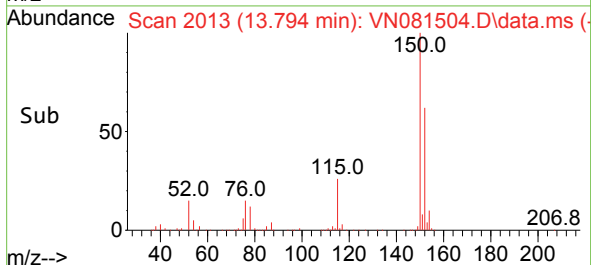
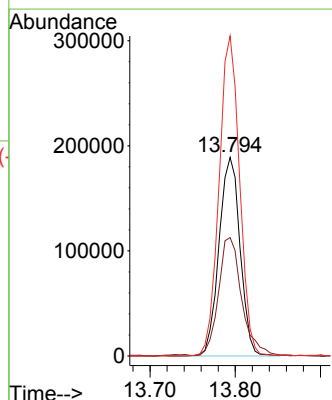
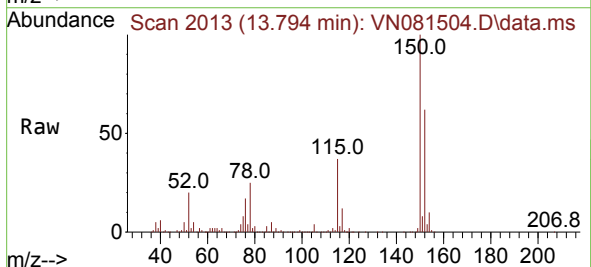
RT: 13.794 min Scan# 2013

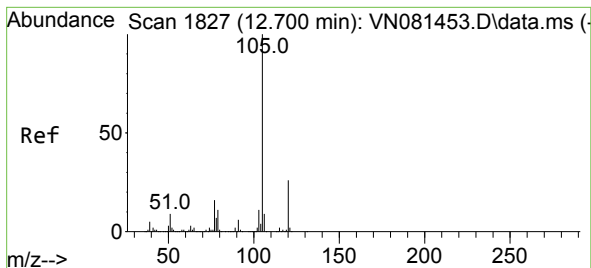
Delta R.T. 0.000 min

Lab File: VN081504.D

Acq: 20 Mar 2024 19:22

Tgt Ion:152	Resp:	324576
Ion Ratio	Lower	Upper
152	100	
115	65.4	32.3 96.8
150	157.0	0.0 339.8





#73

Isopropylbenzene

Concen: 4.231 ug/l

RT: 12.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081504.D

Acq: 20 Mar 2024 19:22

Instrument :

MSVOA_N

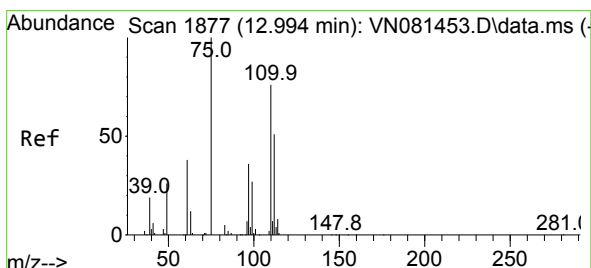
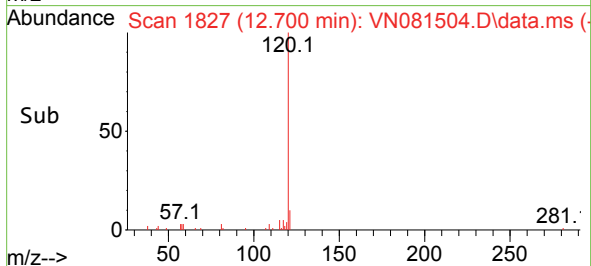
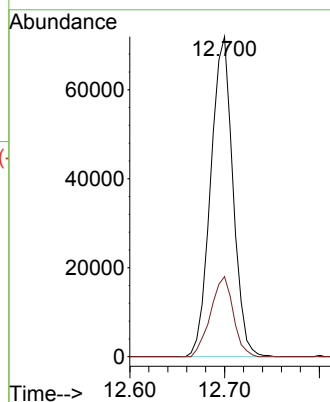
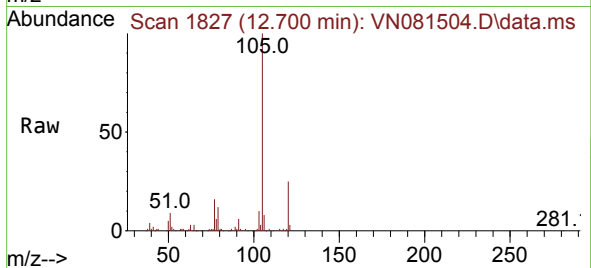
ClientSampleId :

Tgt Ion:105 Resp: 117052

Ion Ratio Lower Upper

105 100

120 25.6 12.6 37.6



#76

1,2,3-Trichloropropane

Concen: 22.540 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN081504.D

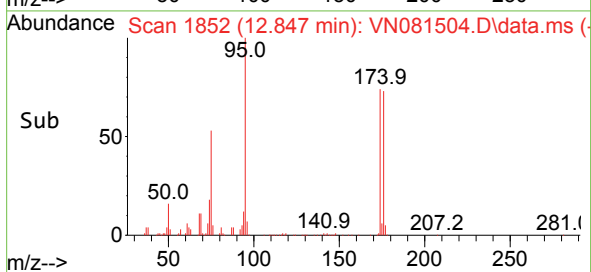
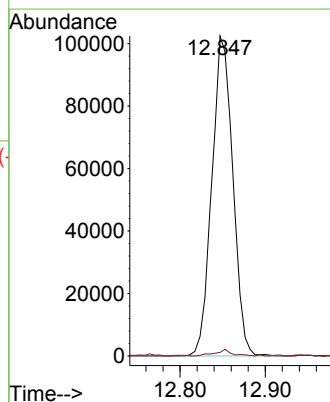
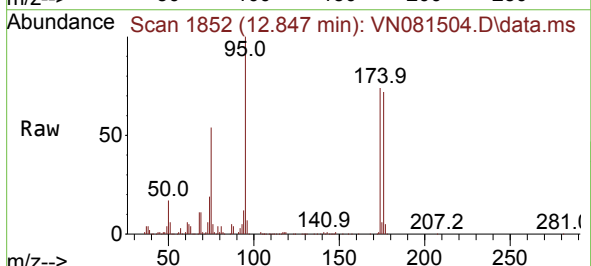
Acq: 20 Mar 2024 19:22

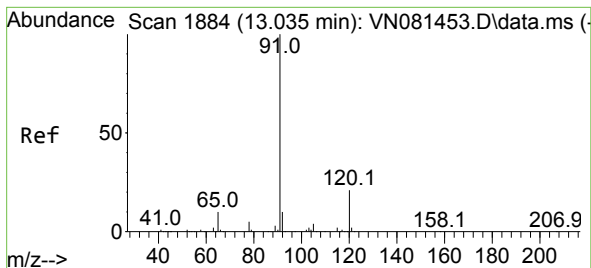
Tgt Ion: 75 Resp: 175002

Ion Ratio Lower Upper

75 100

77 1.6 91.0 272.8#





#78

n-propylbenzene

Concen: 17.226 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN081504.D

Acq: 20 Mar 2024 19:22

Instrument :

MSVOA_N

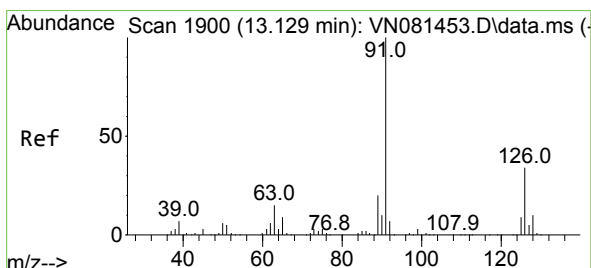
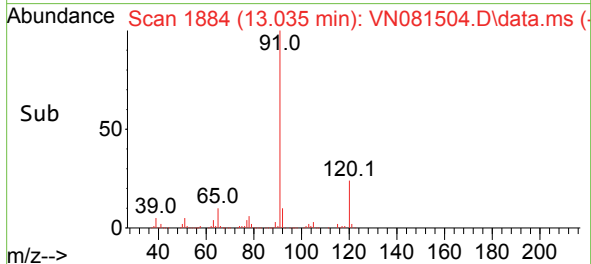
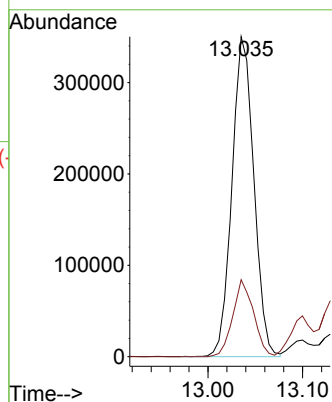
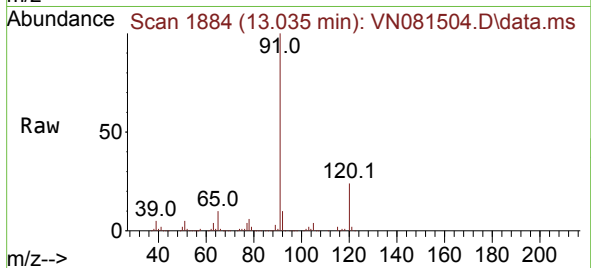
ClientSampleId :

Tgt Ion: 91 Resp: 562835

Ion Ratio Lower Upper

91 100

120 22.8 10.3 30.9



#79

2-Chlorotoluene

Concen: 1.687 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN081504.D

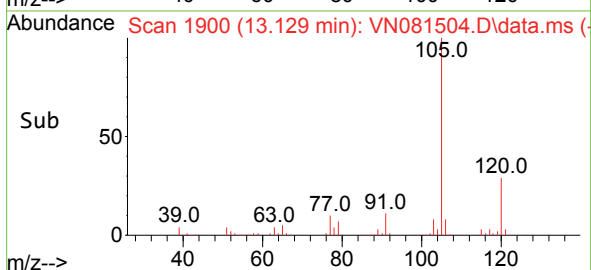
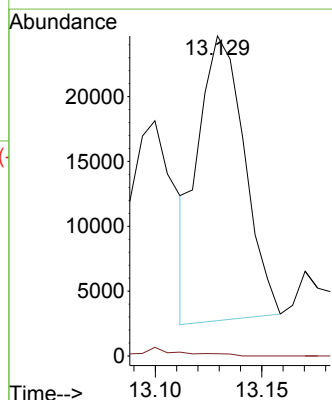
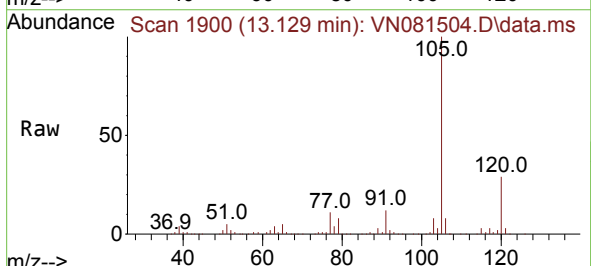
Acq: 20 Mar 2024 19:22

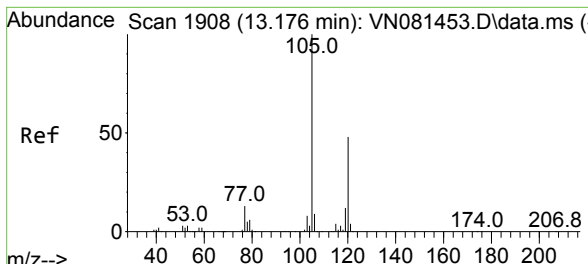
Tgt Ion: 91 Resp: 32997

Ion Ratio Lower Upper

91 100

126 0.0 14.8 44.4#

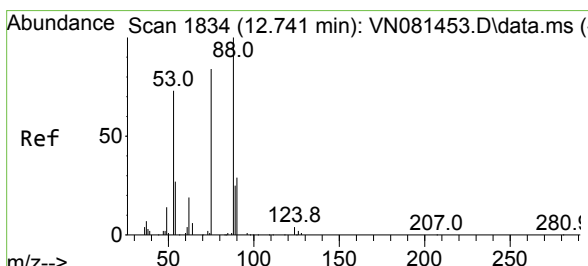
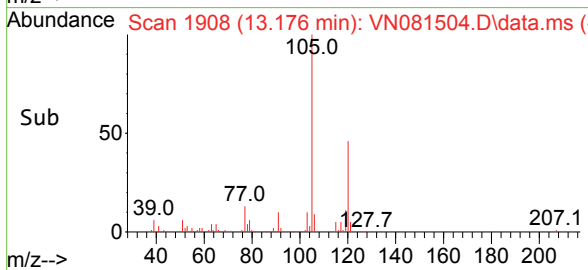
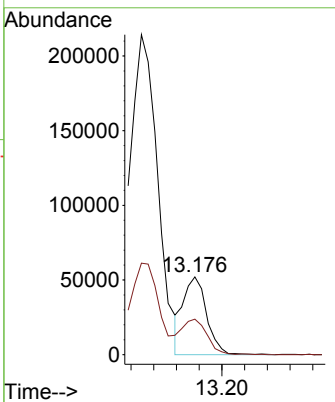
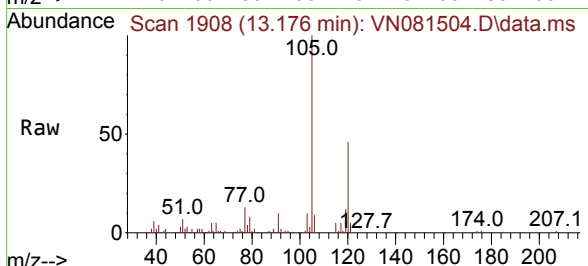




#80
 1,3,5-Trimethylbenzene
 Concen: 3.277 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VN081504.D
 Acq: 20 Mar 2024 19:22

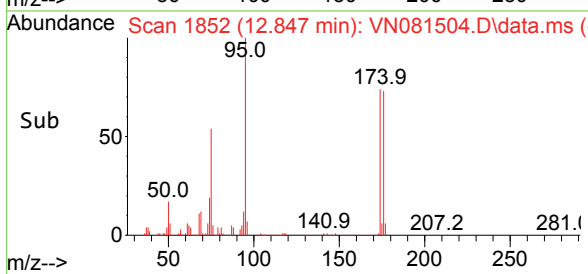
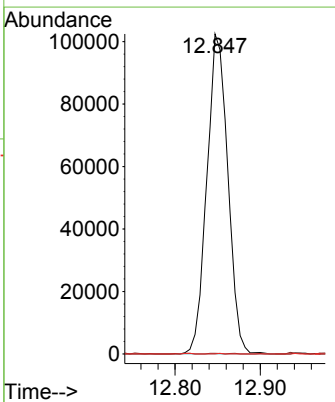
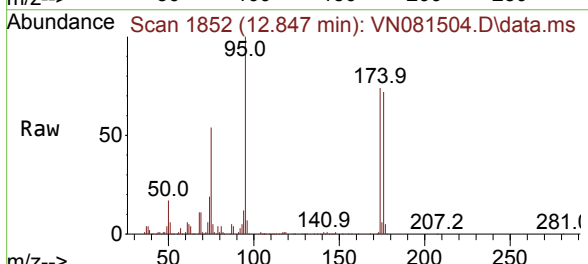
Instrument :
 MSVOA_N
 ClientSampleId :

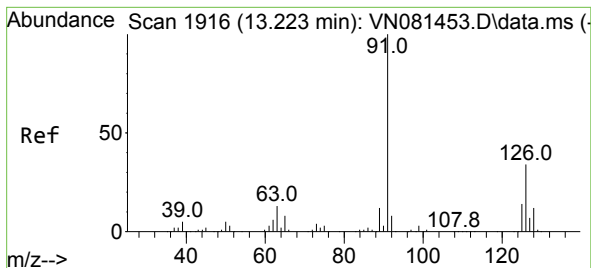
Tgt Ion:105 Resp: 74878
 Ion Ratio Lower Upper
 105 100
 120 48.7 23.0 69.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.911 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.106 min
 Lab File: VN081504.D
 Acq: 20 Mar 2024 19:22

Tgt Ion: 75 Resp: 175002
 Ion Ratio Lower Upper
 75 100
 53 0.1 71.4 107.2#
 89 0.0 33.4 50.0#





#82

4-Chlorotoluene

Concen: 1.711 ug/l

RT: 13.129 min Scan# 1916

Delta R.T. -0.094 min

Lab File: VN081504.D

Acq: 20 Mar 2024 19:22

Instrument :

MSVOA_N

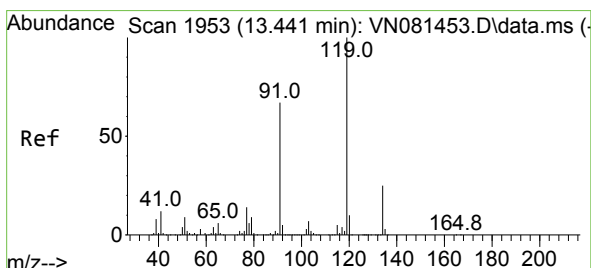
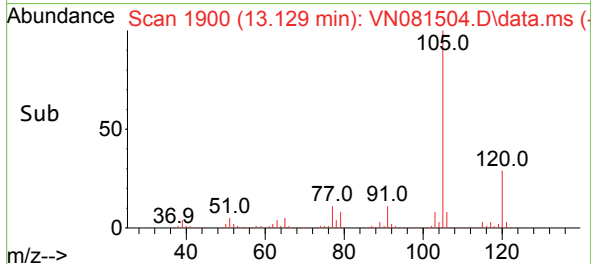
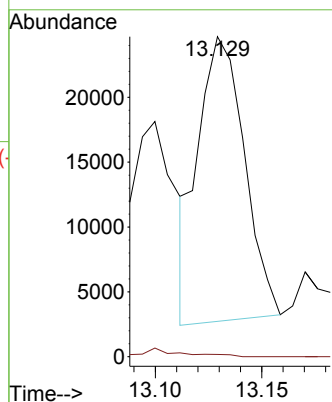
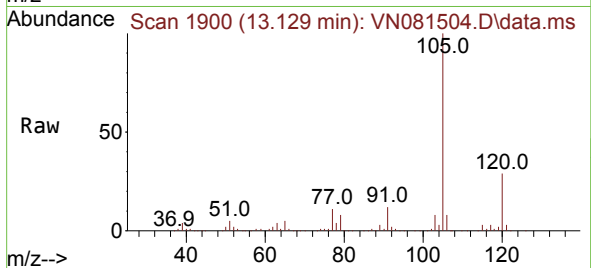
ClientSampleId :

Tgt Ion: 91 Resp: 32997

Ion Ratio Lower Upper

91 100

126 0.0 15.3 45.9#



#83

tert-Butylbenzene

Concen: 11.813 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.041 min

Lab File: VN081504.D

Acq: 20 Mar 2024 19:22

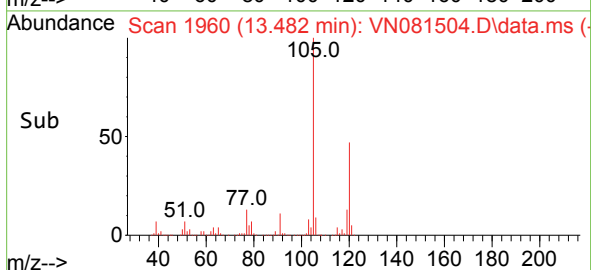
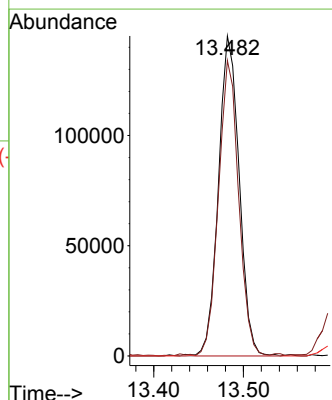
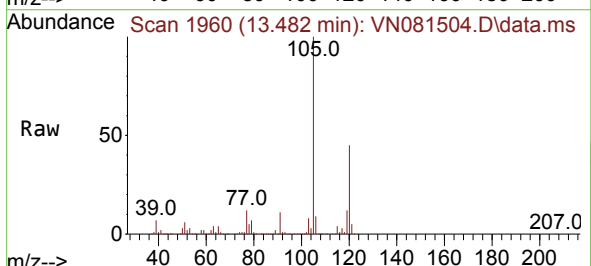
Tgt Ion: 119 Resp: 232792

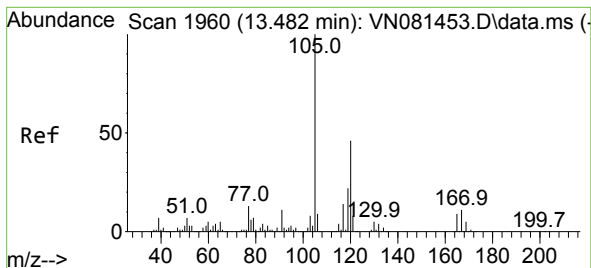
Ion Ratio Lower Upper

119 100

91 89.4 36.8 110.4

134 0.0 12.4 37.4#





#84

1,2,4-Trimethylbenzene

Concen: 85.370 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN081504.D

Acq: 20 Mar 2024 19:22

Instrument :

MSVOA_N

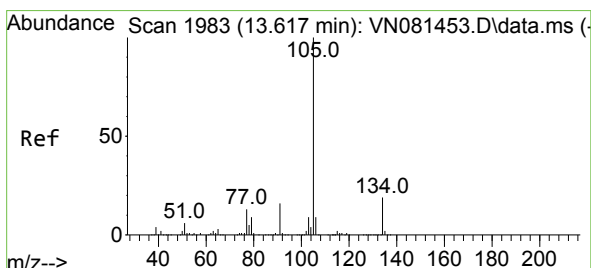
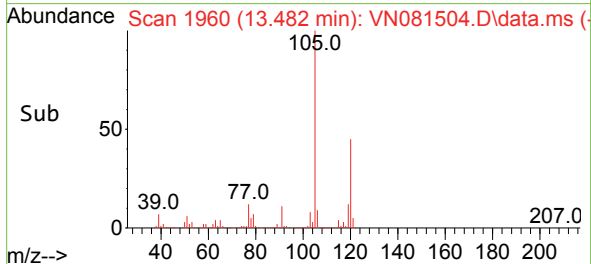
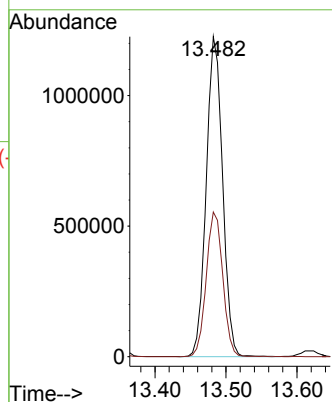
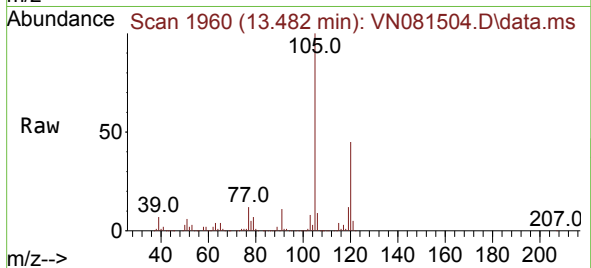
ClientSampleId :

Tgt Ion:105 Resp: 1960751

Ion Ratio Lower Upper

105 100

120 45.9 20.9 62.7



#85

sec-Butylbenzene

Concen: 69.604 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.135 min

Lab File: VN081504.D

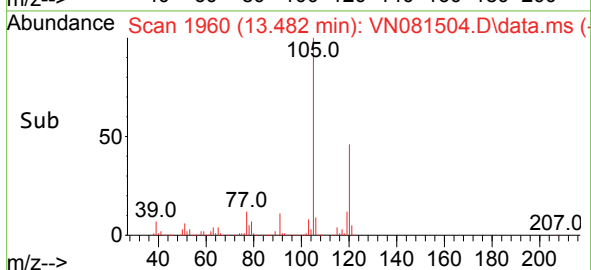
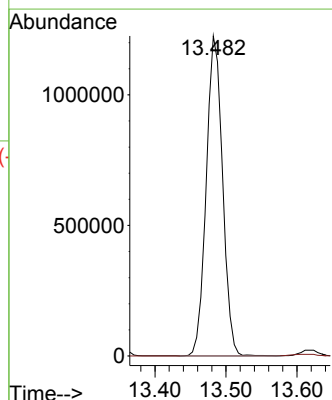
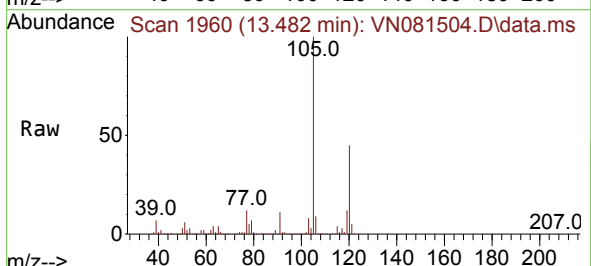
Acq: 20 Mar 2024 19:22

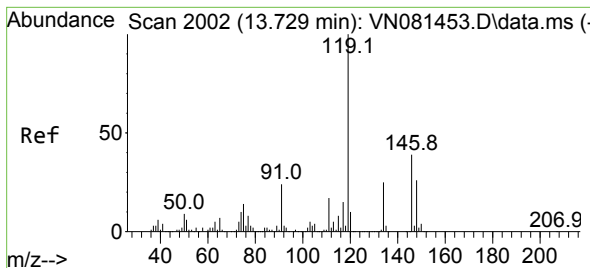
Tgt Ion:105 Resp: 1960751

Ion Ratio Lower Upper

105 100

134 0.0 8.6 25.8#





#86

p-Isopropyltoluene

Concen: 0.921 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN081504.D

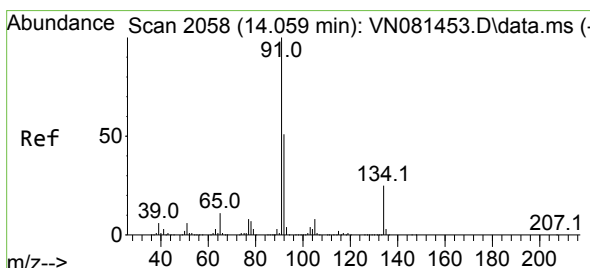
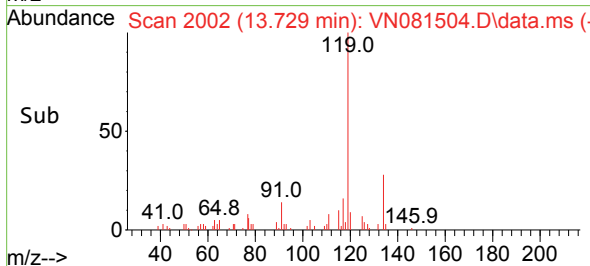
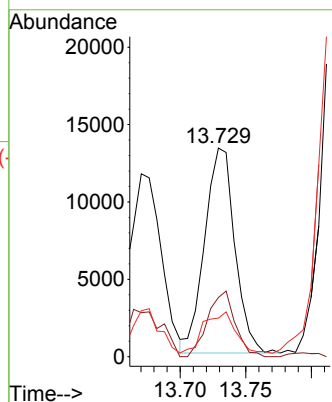
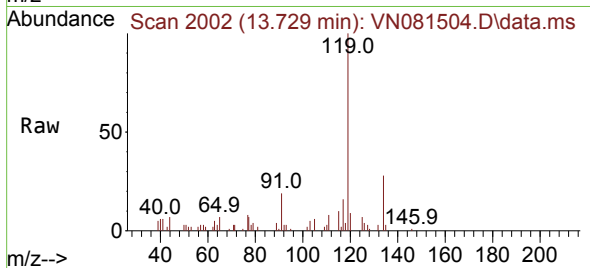
Acq: 20 Mar 2024 19:22

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	119	Resp:	21219
Ion	Ratio	Lower	Upper
119	100		
134	28.9	12.4	37.2
91	0.0	13.5	40.4#



#89

n-Butylbenzene

Concen: 1.711 ug/l

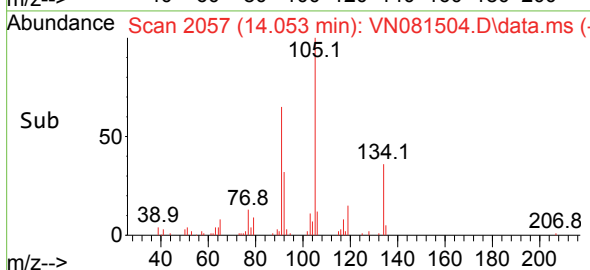
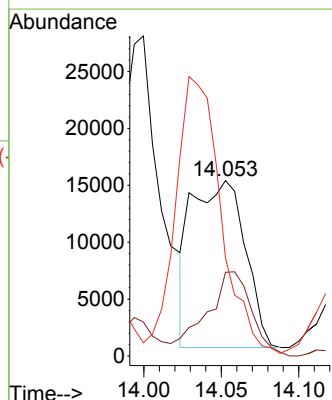
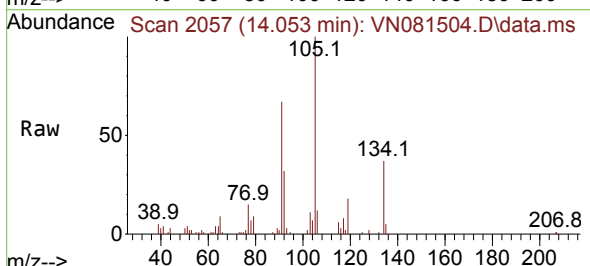
RT: 14.053 min Scan# 2057

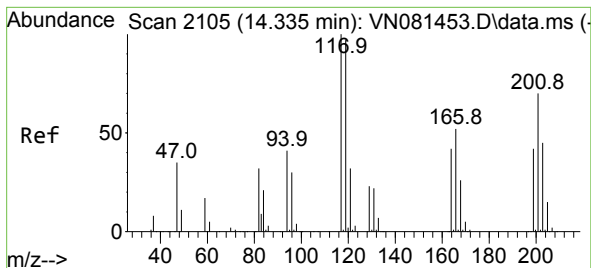
Delta R.T. -0.006 min

Lab File: VN081504.D

Acq: 20 Mar 2024 19:22

Tgt Ion:	91	Resp:	34928
Ion	Ratio	Lower	Upper
91	100		
92	42.8	26.7	80.1
134	0.0	10.8	32.4#





#90

Hexachloroethane

Concen: 7.149 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. -0.006 min

Lab File: VN081504.D

Acq: 20 Mar 2024 19:22

Instrument :

MSVOA_N

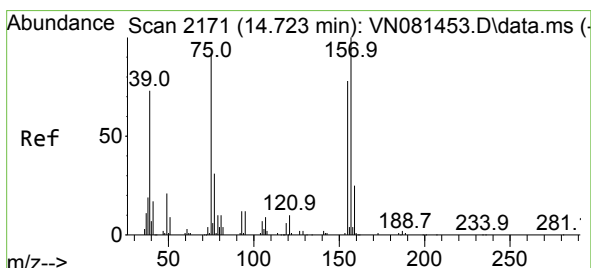
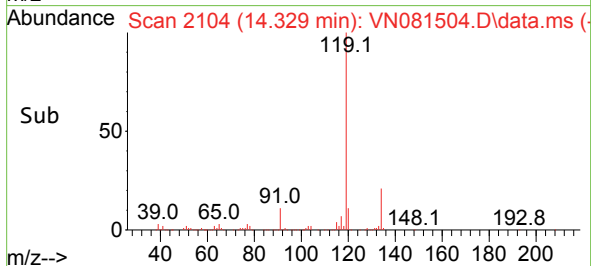
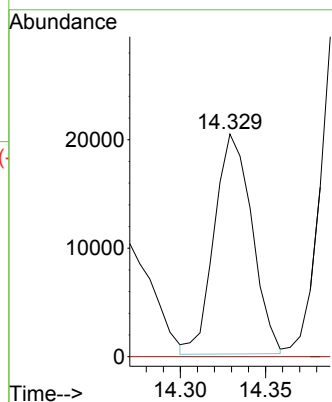
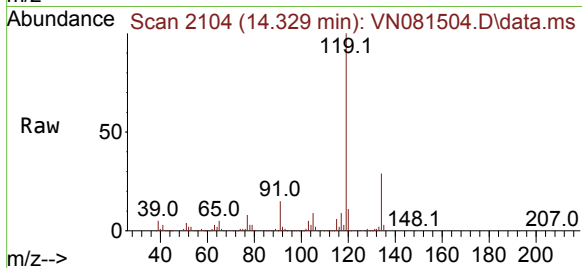
ClientSampleId :

Tgt Ion:117 Resp: 31178

Ion Ratio Lower Upper

117 100

201 0.0 30.0 90.0#



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.332 ug/l

RT: 14.694 min Scan# 2166

Delta R.T. -0.029 min

Lab File: VN081504.D

Acq: 20 Mar 2024 19:22

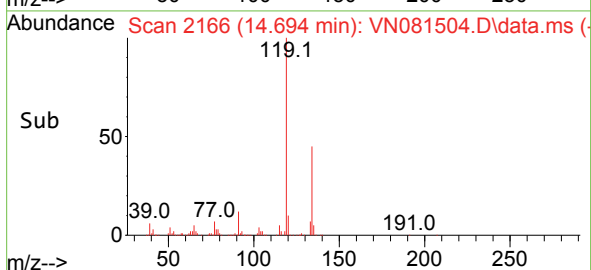
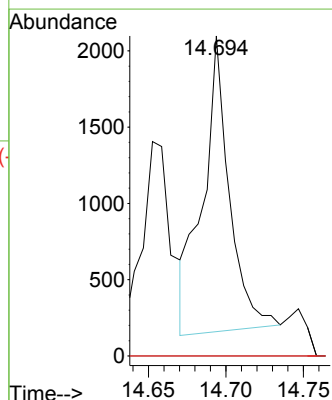
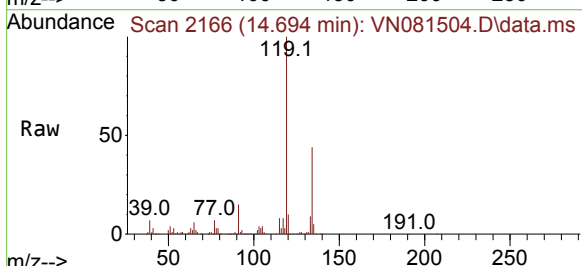
Tgt Ion: 75 Resp: 2306

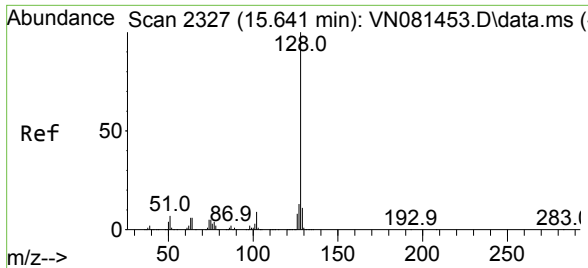
Ion Ratio Lower Upper

75 100

155 0.0 31.8 95.4#

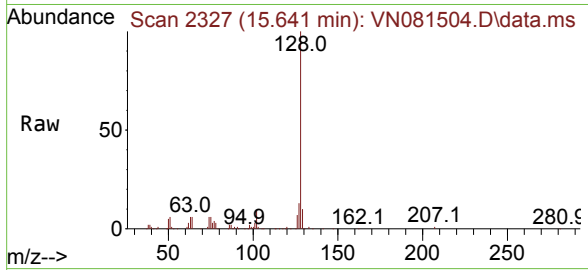
157 0.0 41.1 123.4#





#95
Naphthalene
Concen: 7.283 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN081504.D
Acq: 20 Mar 2024 19:22

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 164917
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 11.1 8.7 13.1

