

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032024\
 Data File : VN081505.D
 Acq On : 20 Mar 2024 19:45
 Operator : JC\MD
 Sample : P1784-03DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 21 01:25:49 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	8.229	168	525602	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	886310	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	769663	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	346398	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	305500	45.578	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.160%
35) Dibromofluoromethane	8.171	113	265784	47.516	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.040%
50) Toluene-d8	10.570	98	1012189	50.059	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.120%
62) 4-Bromofluorobenzene	12.853	95	347868	48.826	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	97.660%

Target Compounds				Qvalue		
5) Bromomethane	2.971	94	1261	0.225	ug/l #	78
13) Acrolein	4.177	56	430	0.410	ug/l #	1
15) Acrylonitrile	5.812	53	4302	1.377	ug/l #	23
16) Acetone	4.430	43	16915	7.809	ug/l #	74
18) Methyl Acetate	5.136	43	5120	0.767	ug/l #	54
20) Methylene Chloride	5.288	84	2529	0.356	ug/l #	39
25) 2-Butanone	7.482	43	7081	1.906	ug/l #	48
30) Chloroform	7.929	83	5039	0.389	ug/l #	18
31) Cyclohexane	8.259	56	138905	12.735	ug/l #	69
36) 1,1-Dichloropropene	8.229	75	41352	4.393	ug/l #	51
37) Ethyl Acetate	7.482	43	7081	0.878	ug/l #	71
38) Carbon Tetrachloride	8.224	117	52712	5.112	ug/l #	17
39) Methylcyclohexane	9.600	83	145526	13.844	ug/l	86
40) Benzene	8.600	78	5935	0.216	ug/l	98
43) Isopropyl Acetate	8.665	43	16900	1.265	ug/l #	57
45) 1,2-Dichloropropane	9.600	63	2328	0.349	ug/l #	25
48) Methyl methacrylate	9.600	41	68536	11.121	ug/l #	82
52) Toluene	10.629	92	48593	2.778	ug/l	99
55) 1,1,2-Trichloroethane	11.000	97	5864	0.833	ug/l #	13
56) Ethyl methacrylate	10.853	69	128	0.584	ug/l #	1
59) 2-Hexanone	11.206	43	1750	0.290	ug/l	79
67) Ethyl Benzene	11.965	91	132966	4.207	ug/l	99
68) m/p-Xylenes	12.070	106	466047	39.334	ug/l	94
69) o-Xylene	12.400	106	226280	19.453	ug/l	94
70) Styrene	12.400	104	12629	0.673	ug/l #	1
73) Isopropylbenzene	12.700	105	52305	1.771	ug/l	92
76) 1,2,3-Trichloropropane	12.853	75	179235	21.631	ug/l #	1
78) n-propylbenzene	13.035	91	104963	3.010	ug/l	94
79) 2-Chlorotoluene	13.100	91	61627	2.953	ug/l #	45
80) 1,3,5-Trimethylbenzene	13.176	105	147813	6.061	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.853	75	179235	58.454	ug/l #	14
82) 4-Chlorotoluene	13.170	91	15530	0.755	ug/l #	44
83) tert-Butylbenzene	13.482	119	78179	3.717	ug/l #	70
84) 1,2,4-Trimethylbenzene	13.482	105	641023	26.152	ug/l	93
85) sec-Butylbenzene	13.482	105	641023	21.322	ug/l #	60
86) p-Isopropyltoluene	13.723	119	10862	0.442	ug/l	91

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QLast Update : Tue Mar 19 06:00:00 2024
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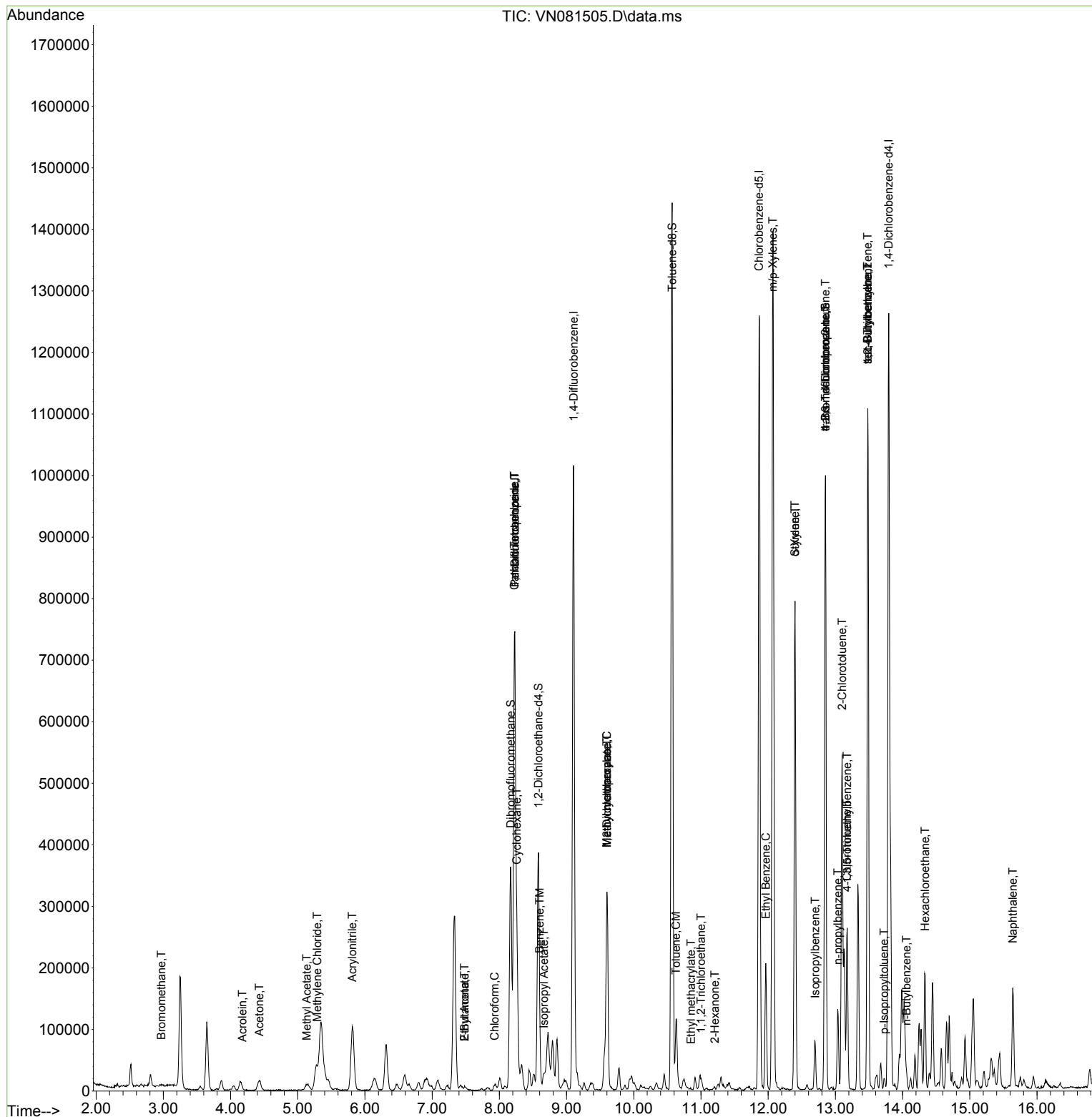
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	14.059	91	10830	0.497	ug/l #	67
90) Hexachloroethane	14.335	117	11554	2.482	ug/l #	21
95) Naphthalene	15.641	128	148949	6.163	ug/l	98

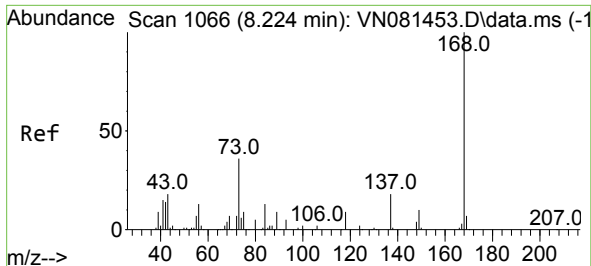
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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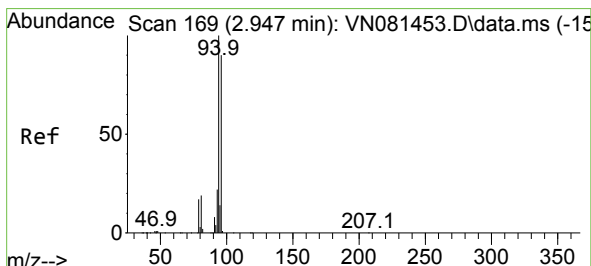
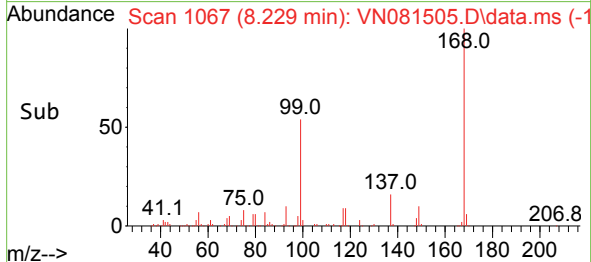
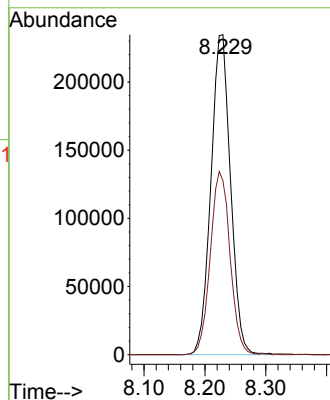
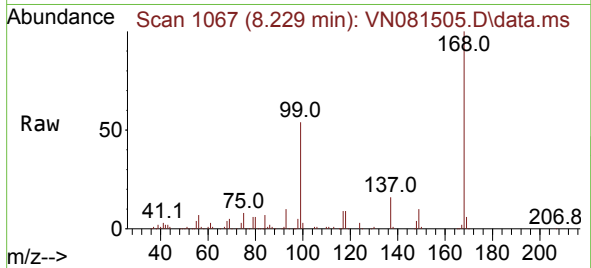




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN081505.D
Acq: 20 Mar 2024 19:45

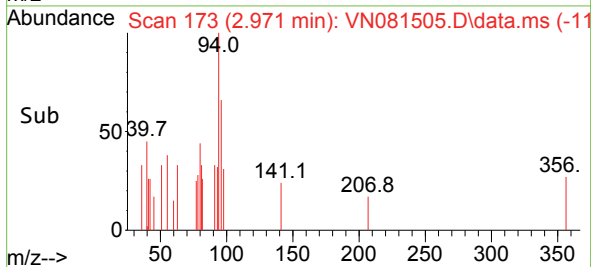
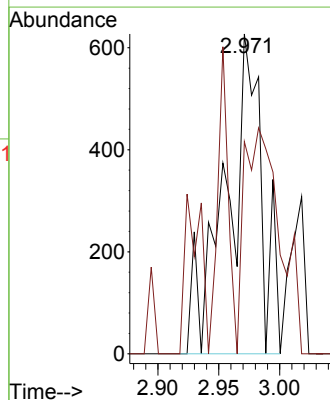
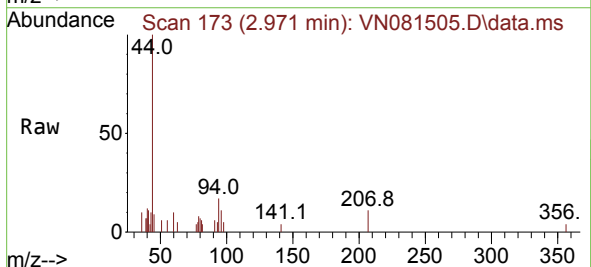
Instrument :
MSVOA_N
ClientSampleId :

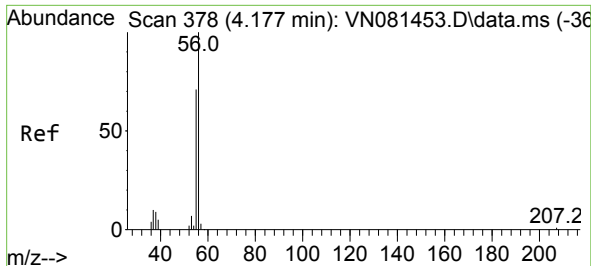
Tgt Ion:168 Resp: 525602
Ion Ratio Lower Upper
168 100
99 54.4 59.9 89.9#



#5
Bromomethane
Concen: 0.225 ug/l
RT: 2.971 min Scan# 173
Delta R.T. 0.023 min
Lab File: VN081505.D
Acq: 20 Mar 2024 19:45

Tgt Ion: 94 Resp: 1261
Ion Ratio Lower Upper
94 100
96 66.3 69.2 103.8#

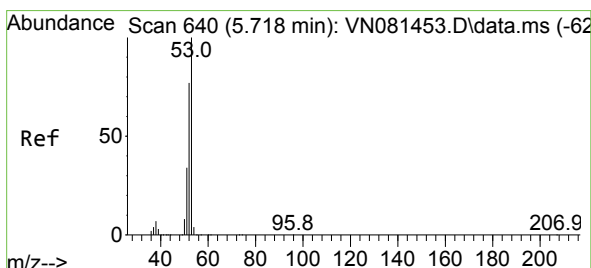
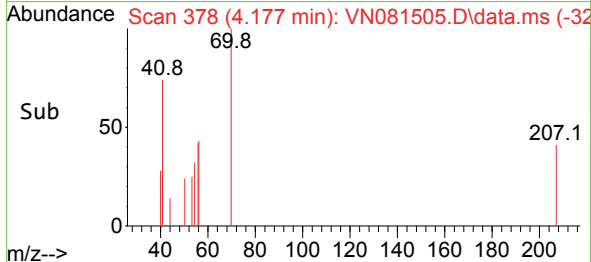
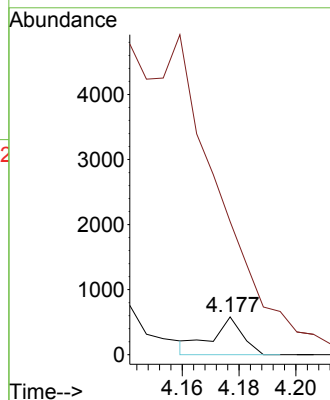
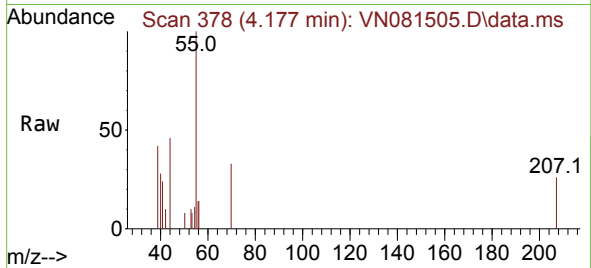




#13
Acrolein
Concen: 0.410 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN081505.D
Acq: 20 Mar 2024 19:45

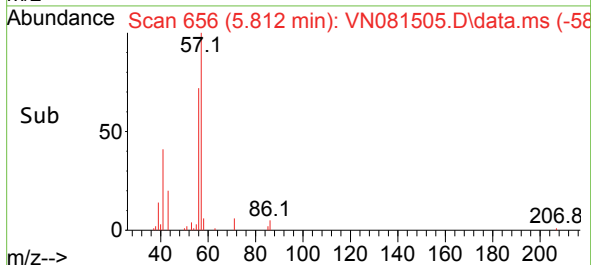
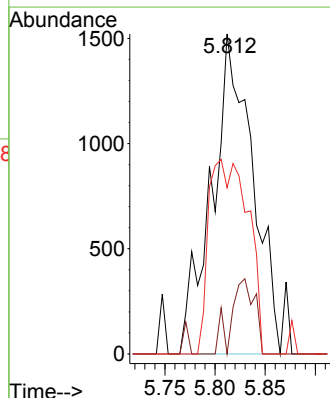
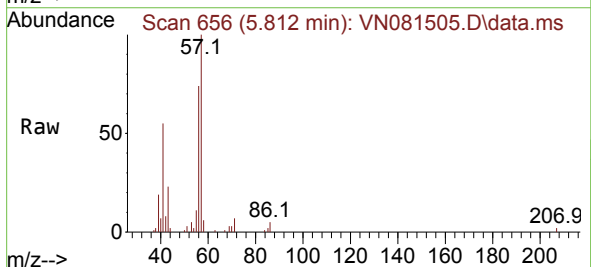
Instrument :
MSVOA_N
ClientSampleId :

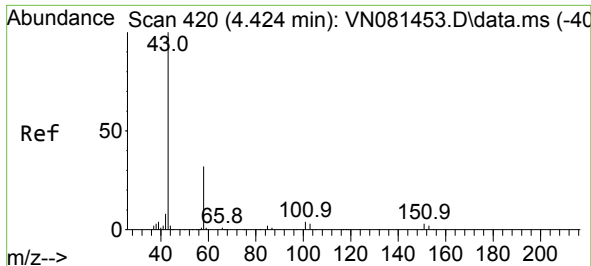
Tgt Ion: 56 Resp: 430
Ion Ratio Lower Upper
56 100
55 3426.7 55.3 82.9#



#15
Acrylonitrile
Concen: 1.377 ug/l
RT: 5.812 min Scan# 656
Delta R.T. 0.094 min
Lab File: VN081505.D
Acq: 20 Mar 2024 19:45

Tgt Ion: 53 Resp: 4302
Ion Ratio Lower Upper
53 100
52 0.0 64.8 97.2#
51 58.9 26.9 40.3#





#16

Acetone

Concen: 7.809 ug/l

RT: 4.430 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN081505.D

Acq: 20 Mar 2024 19:45

Instrument :

MSVOA_N

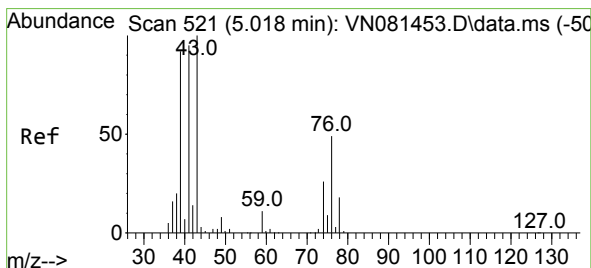
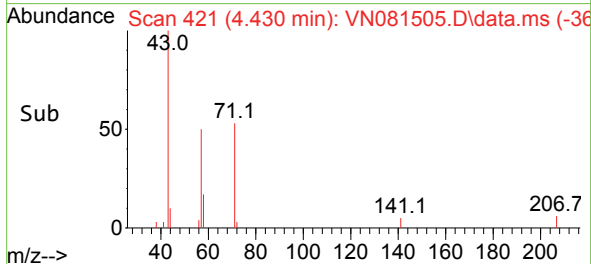
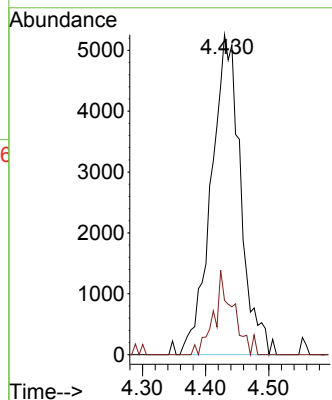
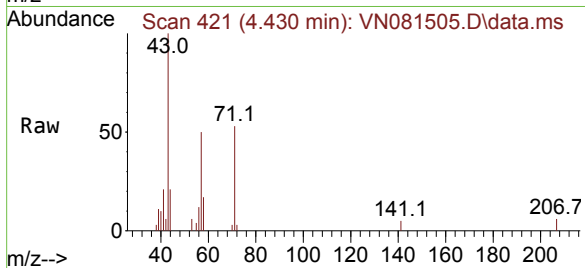
ClientSampleId :

Tgt Ion: 43 Resp: 16915

Ion Ratio Lower Upper

43 100

58 16.9 24.8 37.2#



#18

Methyl Acetate

Concen: 0.767 ug/l

RT: 5.136 min Scan# 541

Delta R.T. 0.118 min

Lab File: VN081505.D

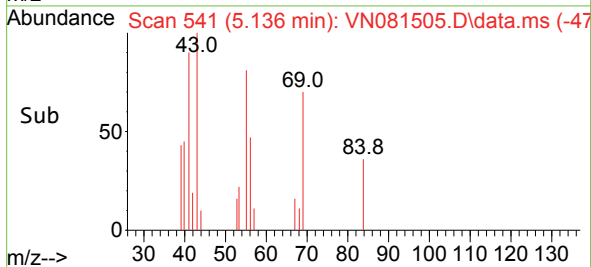
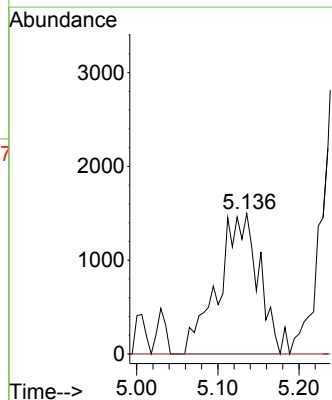
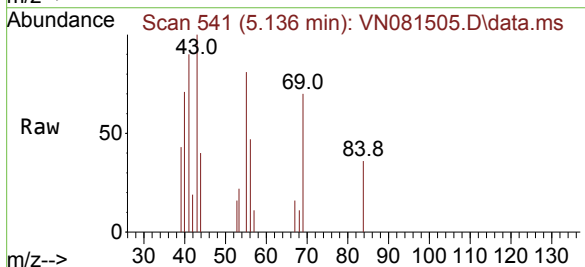
Acq: 20 Mar 2024 19:45

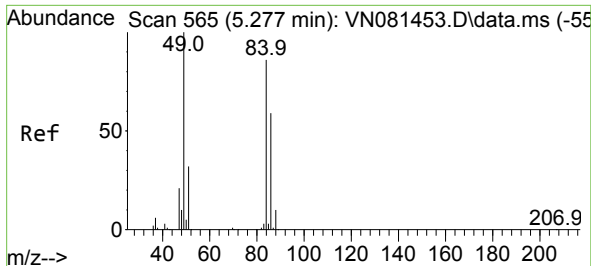
Tgt Ion: 43 Resp: 5120

Ion Ratio Lower Upper

43 100

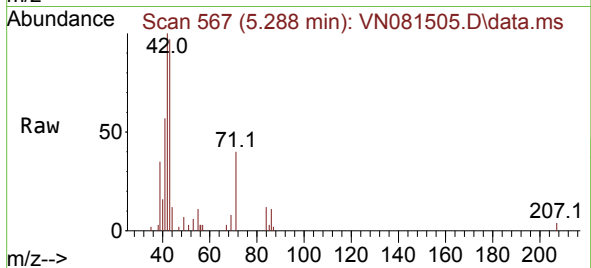
74 0.0 17.3 25.9#



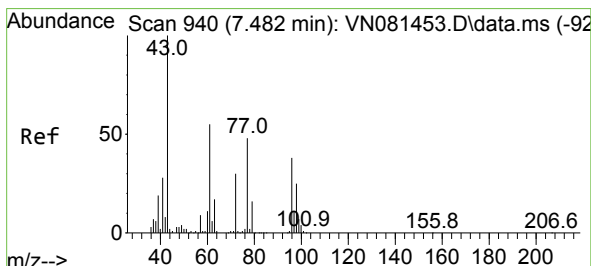
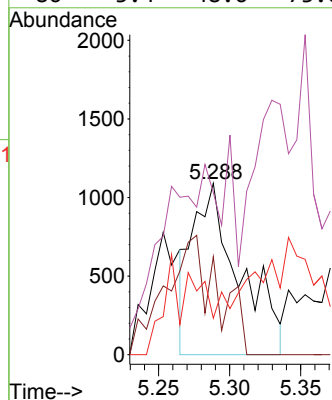
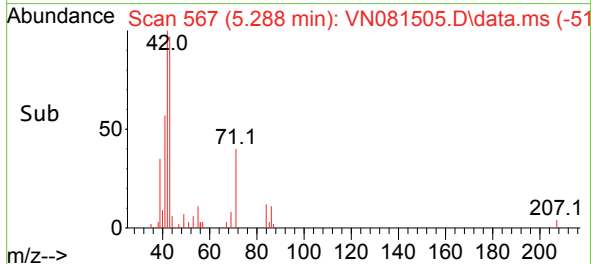


#20
Methylene Chloride
Concen: 0.356 ug/l
RT: 5.288 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN081505.D
Acq: 20 Mar 2024 19:45

Instrument :
MSVOA_N
ClientSampleId :

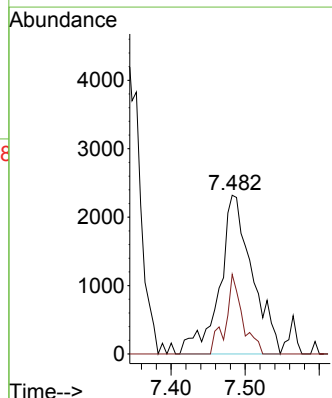
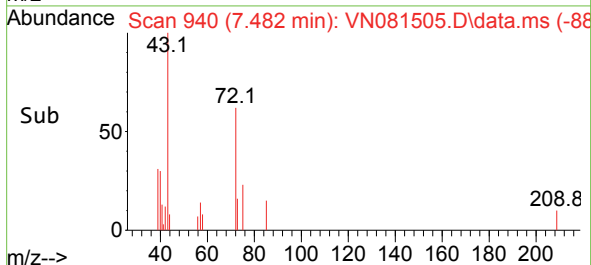
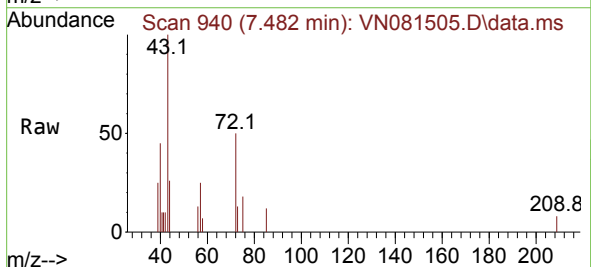


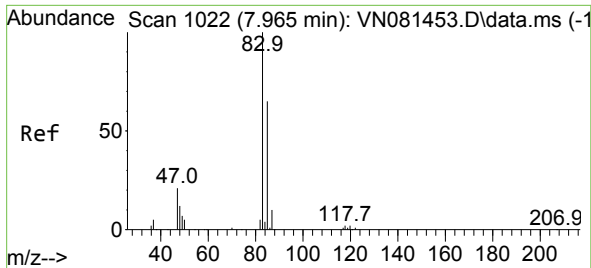
Tgt Ion: 84 Resp: 2529
Ion Ratio Lower Upper
84 100
49 69.6 108.1 162.1#
51 4.5 32.9 49.3#
86 3.4 48.6 73.0#



#25
2-Butanone
Concen: 1.906 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN081505.D
Acq: 20 Mar 2024 19:45

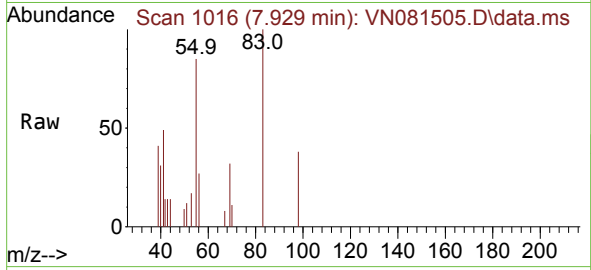
Tgt Ion: 43 Resp: 7081
Ion Ratio Lower Upper
43 100
72 50.1 19.5 29.3#



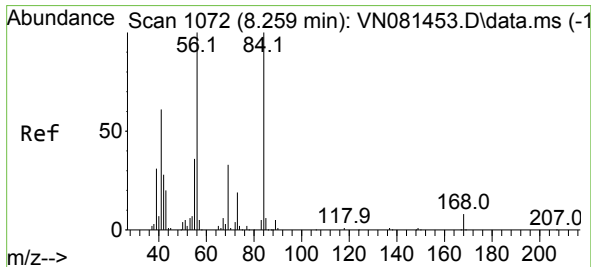
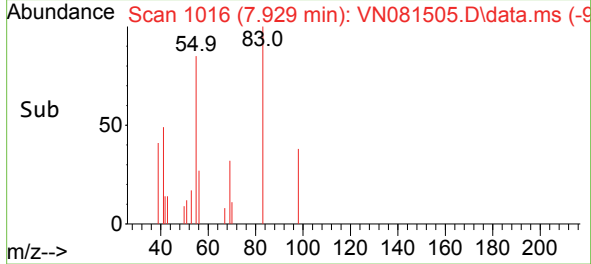
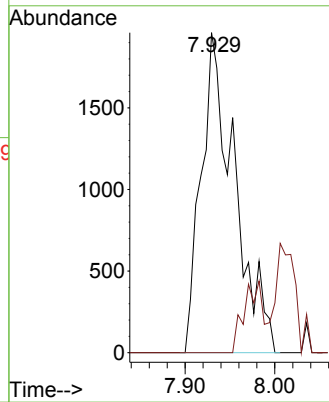


#30
Chloroform
Concen: 0.389 ug/l
RT: 7.929 min Scan# 1016
Delta R.T. -0.035 min
Lab File: VN081505.D
Acq: 20 Mar 2024 19:45

Instrument :
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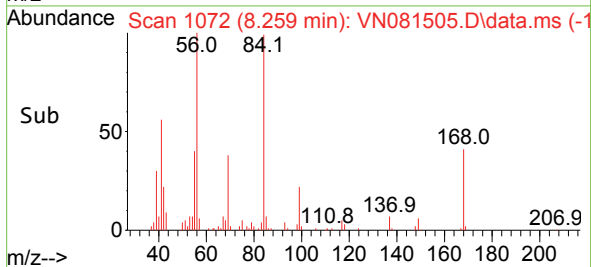
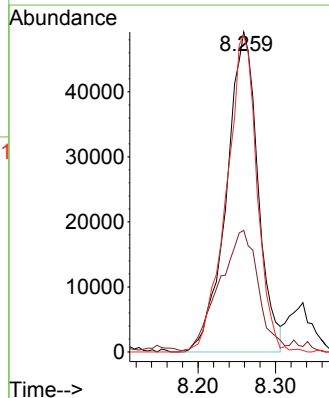
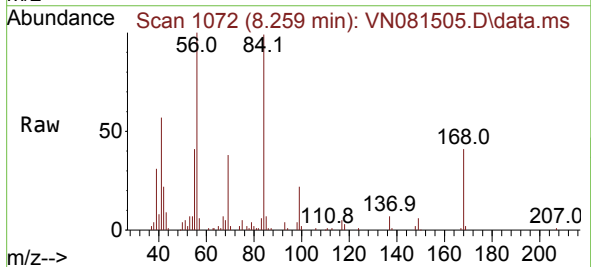


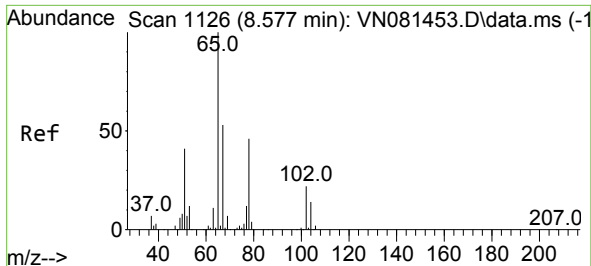
Tgt Ion: 83 Resp: 5039
Ion Ratio Lower Upper
83 100
85 0.0 51.0 76.6#



#31
Cyclohexane
Concen: 12.735 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN081505.D
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Tgt Ion: 56 Resp: 138905
Ion Ratio Lower Upper
56 100
69 37.5 20.1 30.1#
84 99.1 56.9 85.3#





#33

1,2-Dichloroethane-d4

Concen: 45.578 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081505.D

Acq: 20 Mar 2024 19:45

Instrument :

MSVOA_N

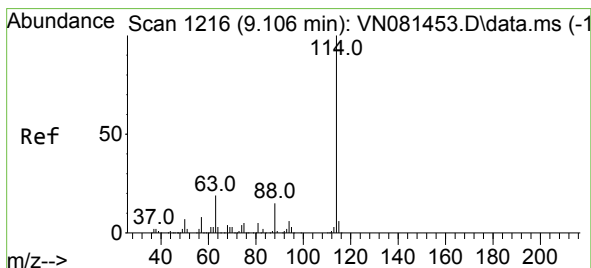
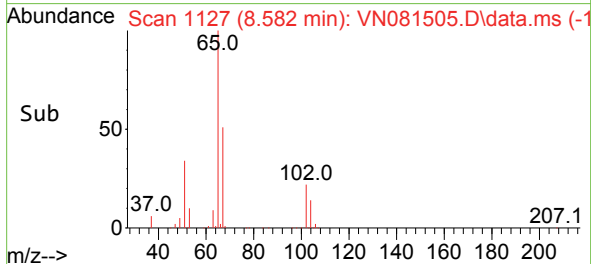
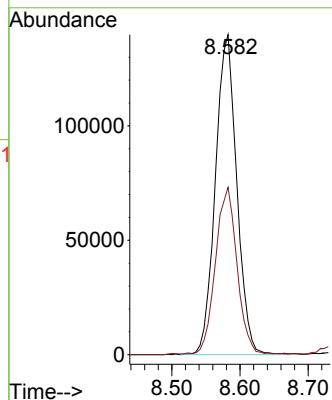
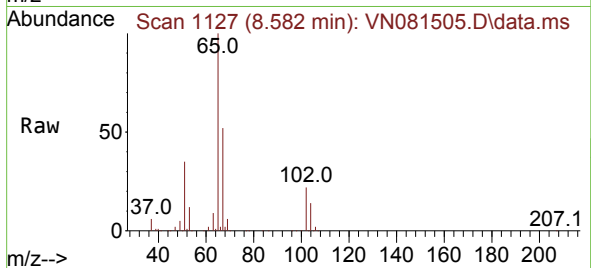
ClientSampleId :

Tgt Ion: 65 Resp: 305500

Ion Ratio Lower Upper

65 100

67 52.4 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN081505.D

Acq: 20 Mar 2024 19:45

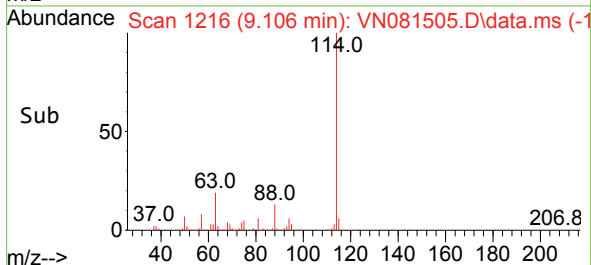
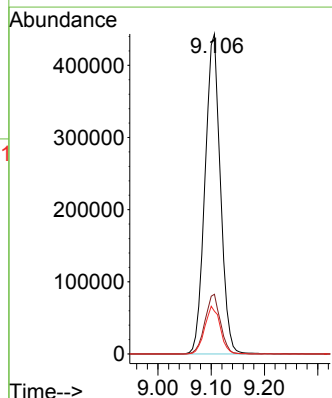
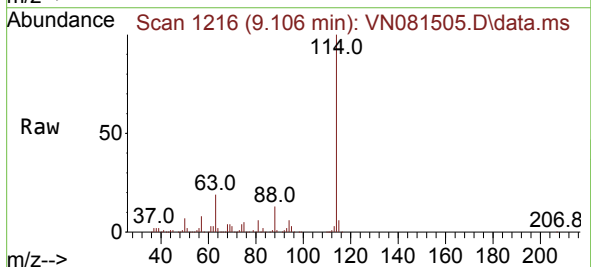
Tgt Ion: 114 Resp: 886310

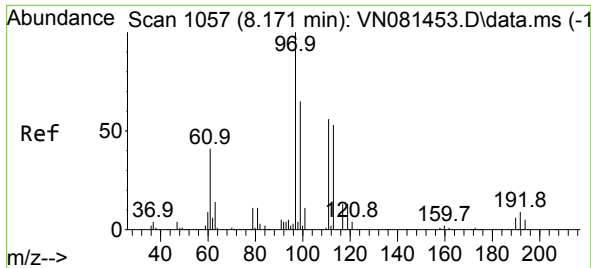
Ion Ratio Lower Upper

114 100

63 18.6 0.0 48.0

88 13.3 0.0 34.8

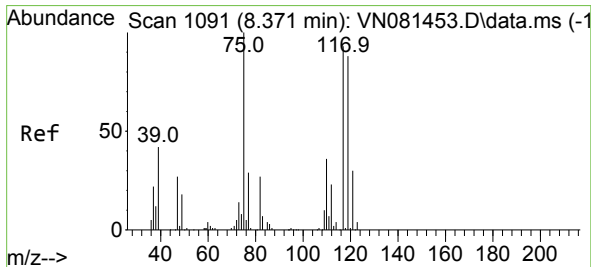
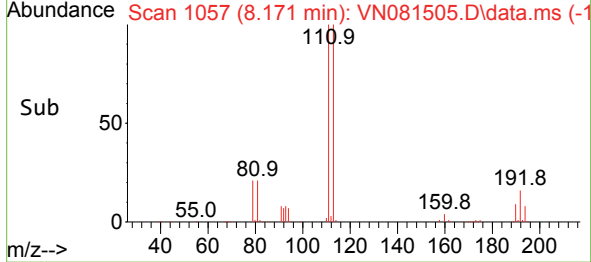
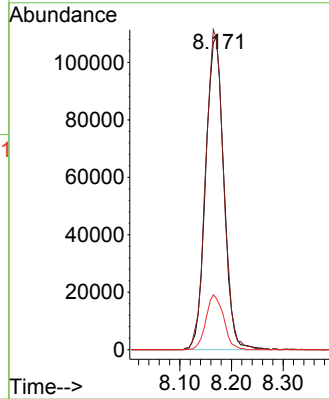
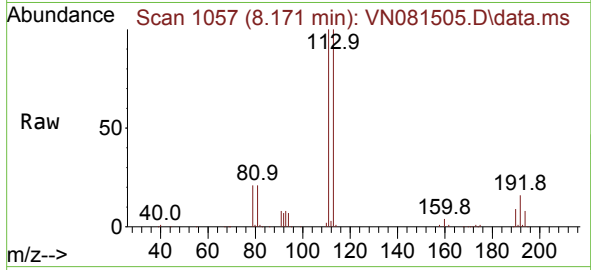




#35
Dibromofluoromethane
Concen: 47.516 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081505.D
Acq: 20 Mar 2024 19:45

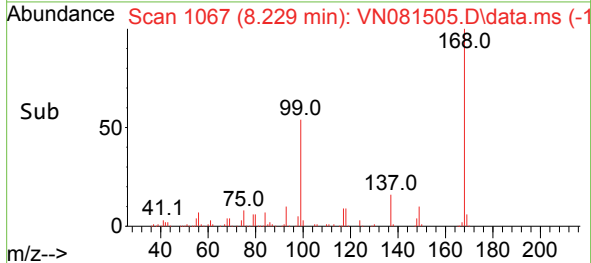
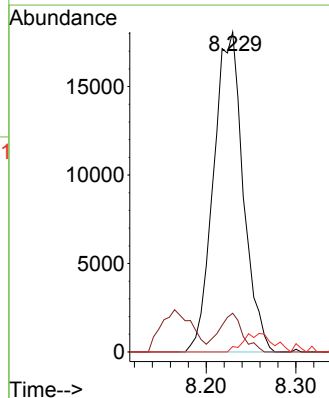
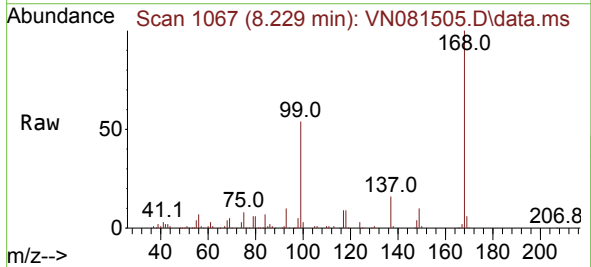
Instrument :
MSVOA_N
ClientSampleId :

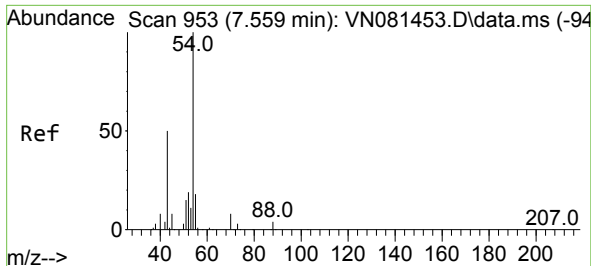
Tgt Ion:113 Resp: 265784
Ion Ratio Lower Upper
113 100
111 101.2 82.2 123.4
192 17.1 12.5 18.7



#36
1,1-Dichloropropene
Concen: 4.393 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN081505.D
Acq: 20 Mar 2024 19:45

Tgt Ion: 75 Resp: 41352
Ion Ratio Lower Upper
75 100
110 9.6 16.0 48.0#
77 0.0 25.8 38.6#





#37

Ethyl Acetate

Concen: 0.878 ug/l

RT: 7.482 min Scan# 94

Delta R.T. -0.076 min

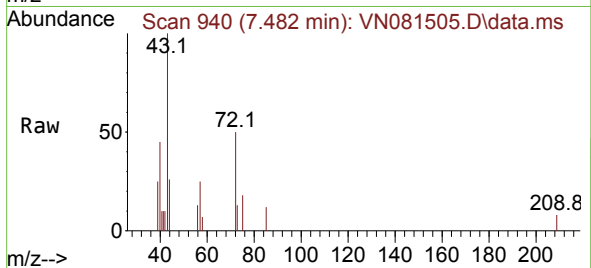
Lab File: VN081505.D

Acq: 20 Mar 2024 19:45

Instrument :

MSVOA_N

ClientSampleId :



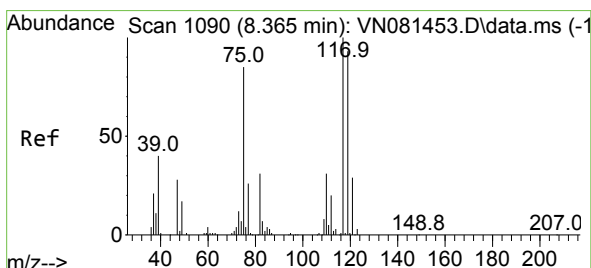
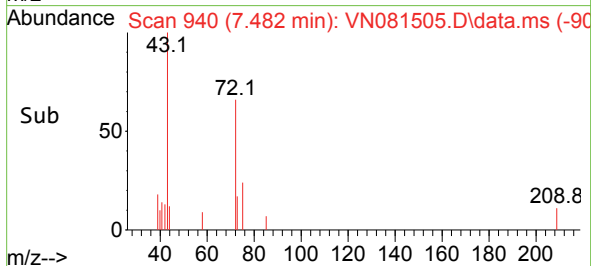
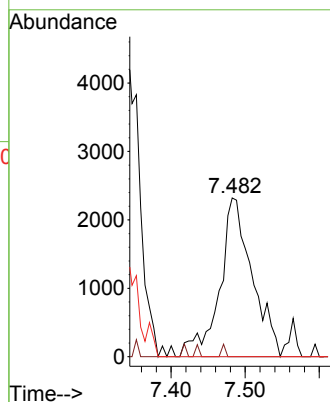
Tgt Ion: 43 Resp: 7081

Ion Ratio Lower Upper

43 100

61 0.9 10.6 15.8#

70 0.0 8.0 12.0#



#38

Carbon Tetrachloride

Concen: 5.112 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN081505.D

Acq: 20 Mar 2024 19:45

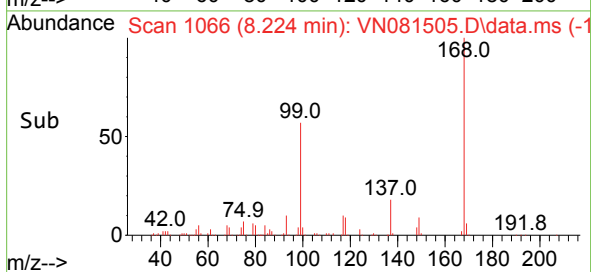
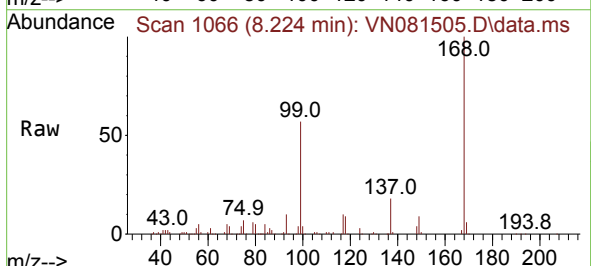
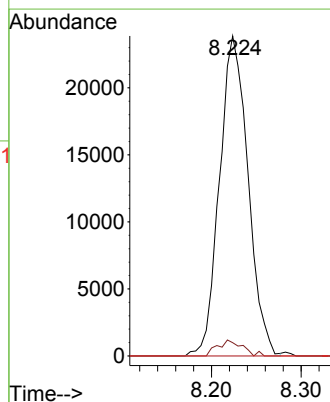
Tgt Ion: 117 Resp: 52712

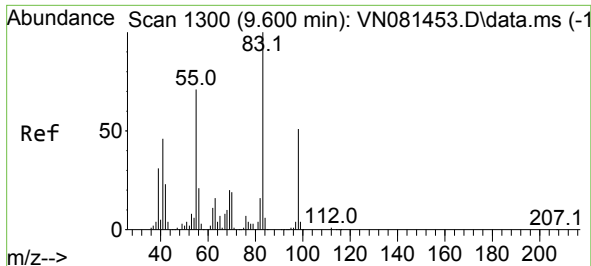
Ion Ratio Lower Upper

117 100

119 4.2 73.4 110.2#

121 0.0 24.4 36.6#





#39

Methylcyclohexane

Concen: 13.844 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

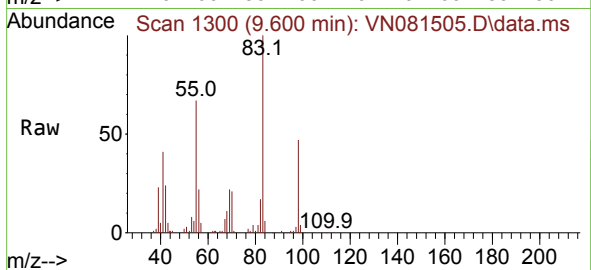
Lab File: VN081505.D

Acq: 20 Mar 2024 19:45

Instrument :

MSVOA_N

ClientSampleId :



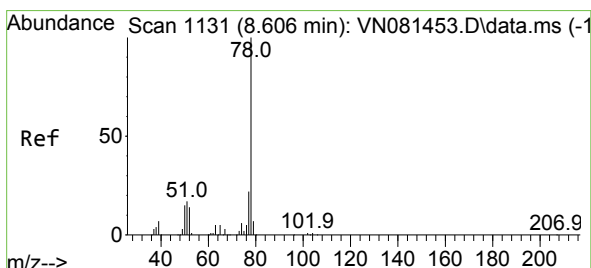
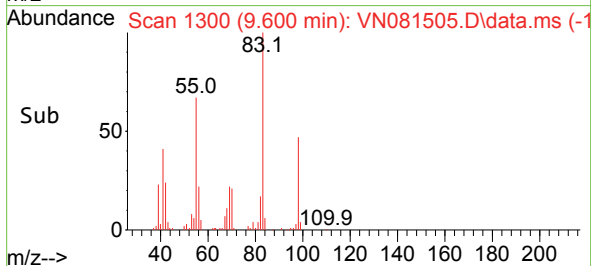
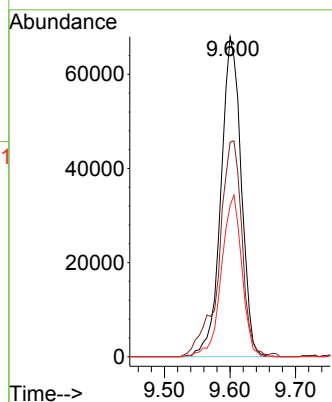
Tgt Ion: 83 Resp: 145526

Ion Ratio Lower Upper

83 100

55 67.1 65.7 98.5

98 47.3 33.8 50.6



#40

Benzene

Concen: 0.216 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN081505.D

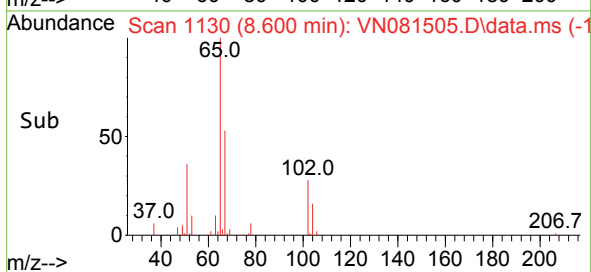
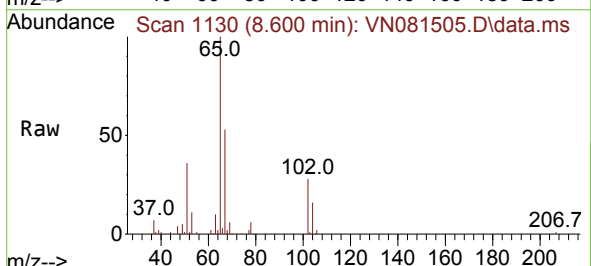
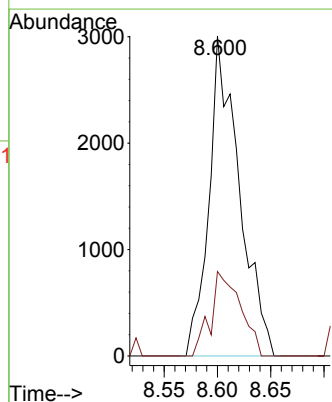
Acq: 20 Mar 2024 19:45

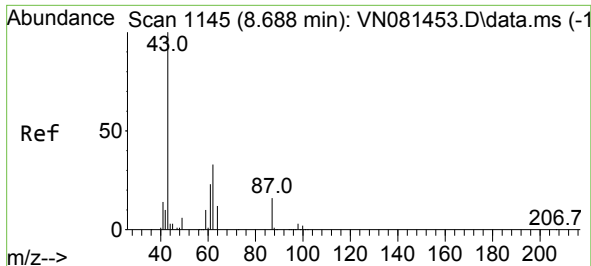
Tgt Ion: 78 Resp: 5935

Ion Ratio Lower Upper

78 100

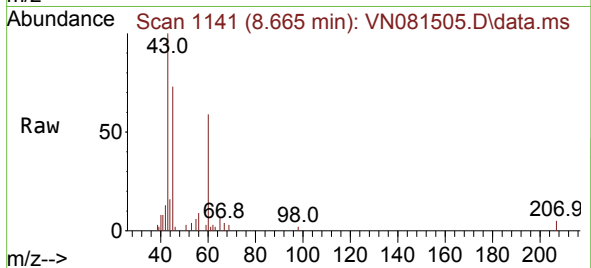
77 26.4 20.4 30.6



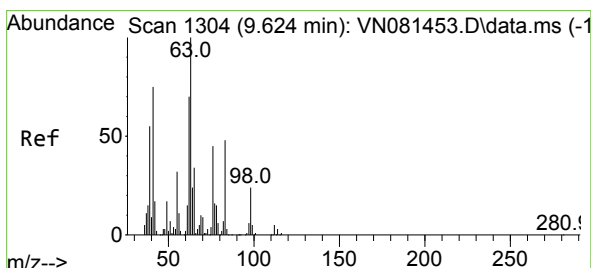
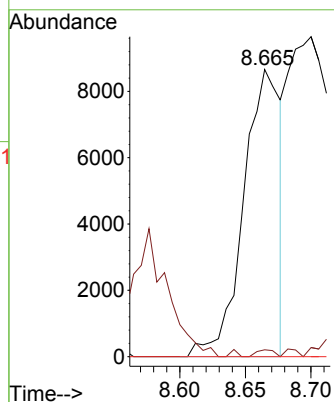
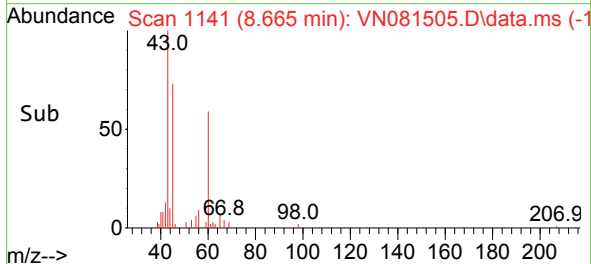


#43
Isopropyl Acetate
Concen: 1.265 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.024 min
Lab File: VN081505.D
Acq: 20 Mar 2024 19:45

Instrument :
MSVOA_N
ClientSampleId :

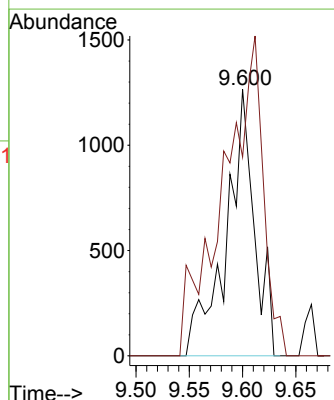
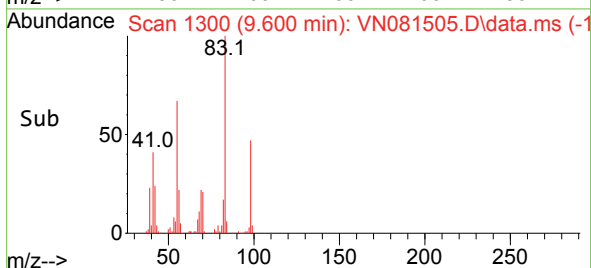
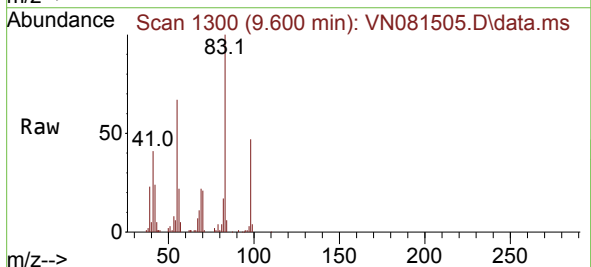


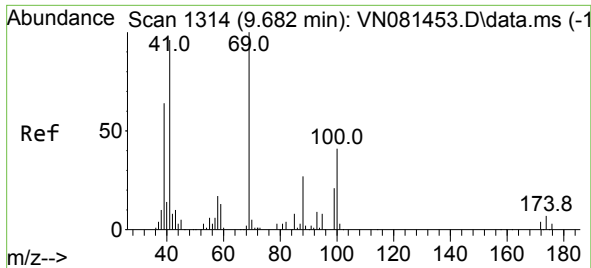
Tgt Ion: 43 Resp: 16900
Ion Ratio Lower Upper
43 100
61 0.0 19.9 29.9#
87 0.0 9.0 13.6#



#45
1,2-Dichloropropane
Concen: 0.349 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.024 min
Lab File: VN081505.D
Acq: 20 Mar 2024 19:45

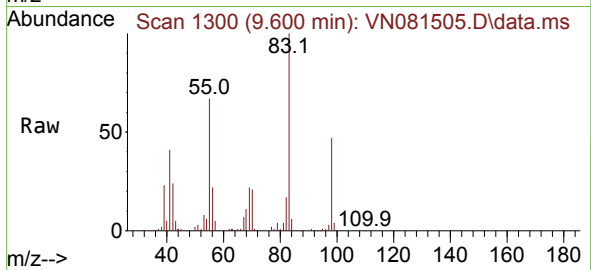
Tgt Ion: 63 Resp: 2328
Ion Ratio Lower Upper
63 100
65 74.6 26.1 39.1#



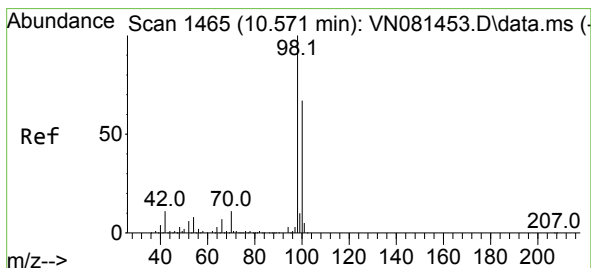
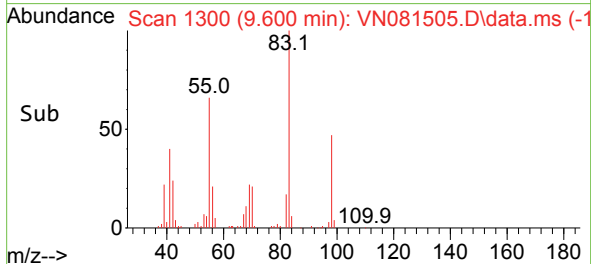
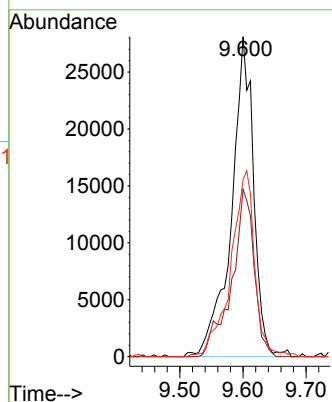


#48
Methyl methacrylate
Concen: 11.121 ug/l
RT: 9.600 min Scan# 11
Delta R.T. -0.082 min
Lab File: VN081505.D
Acq: 20 Mar 2024 19:45

Instrument :
MSVOA_N
ClientSampleId :

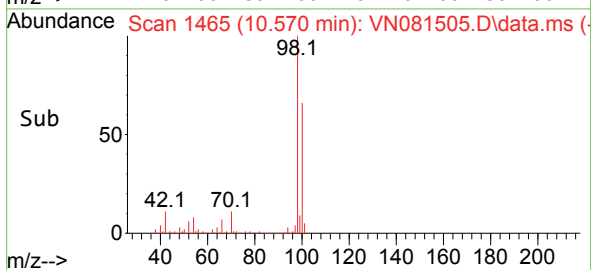
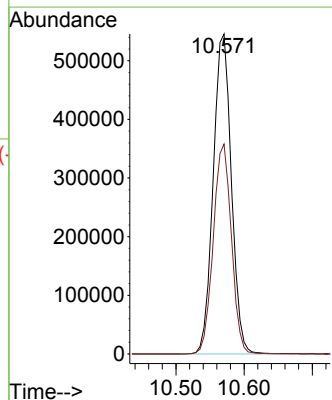
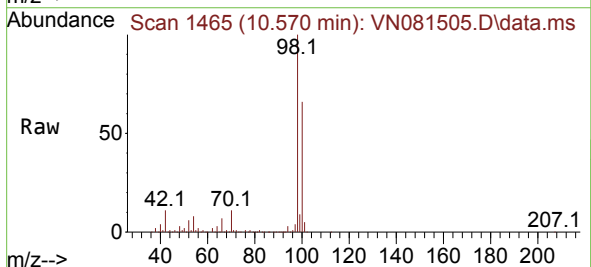


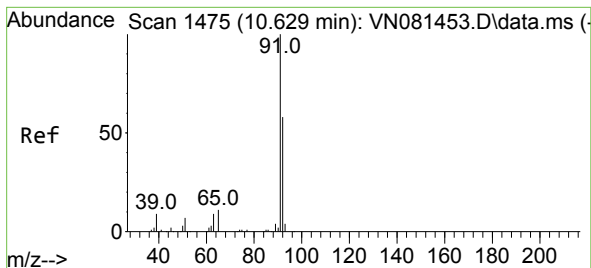
Tgt Ion: 41 Resp: 68536
Ion Ratio Lower Upper
41 100
69 52.9 62.2 93.2#
39 62.8 47.6 71.4



#50
Toluene-d8
Concen: 50.059 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081505.D
Acq: 20 Mar 2024 19:45

Tgt Ion: 98 Resp: 1012189
Ion Ratio Lower Upper
98 100
100 65.5 51.4 77.0





#52

Toluene

Concen: 2.778 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN081505.D

Acq: 20 Mar 2024 19:45

Instrument :

MSVOA_N

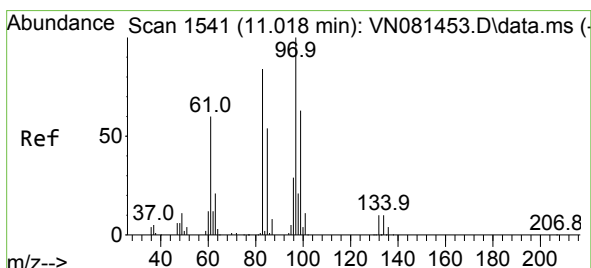
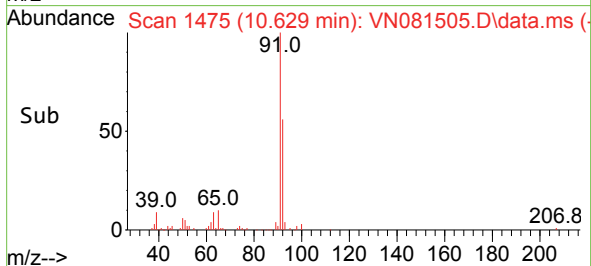
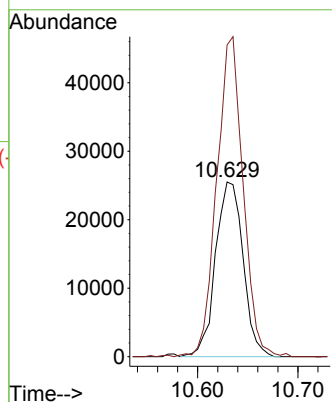
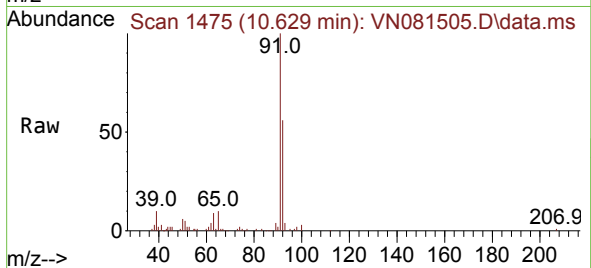
ClientSampleId :

Tgt Ion: 92 Resp: 48593

Ion Ratio Lower Upper

92 100

91 174.9 139.4 209.0



#55

1,1,2-Trichloroethane

Concen: 0.833 ug/l

RT: 11.000 min Scan# 1538

Delta R.T. -0.018 min

Lab File: VN081505.D

Acq: 20 Mar 2024 19:45

Tgt Ion: 97 Resp: 5864

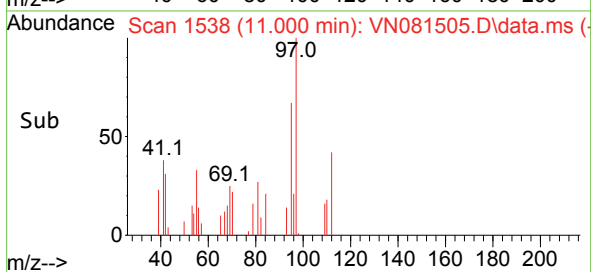
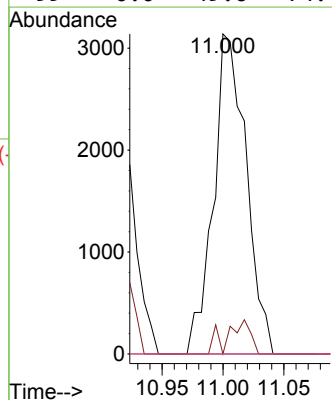
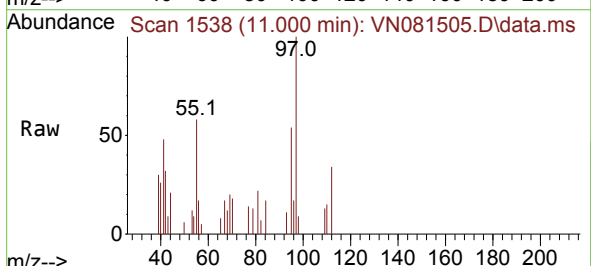
Ion Ratio Lower Upper

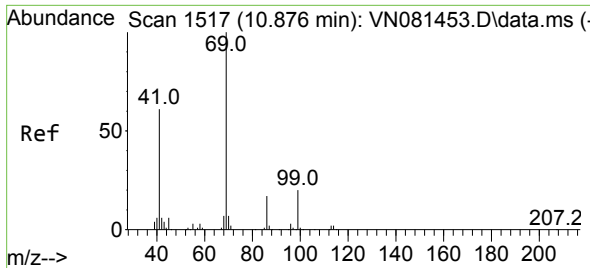
97 100

83 0.0 72.9 109.3#

85 0.0 50.2 75.2#

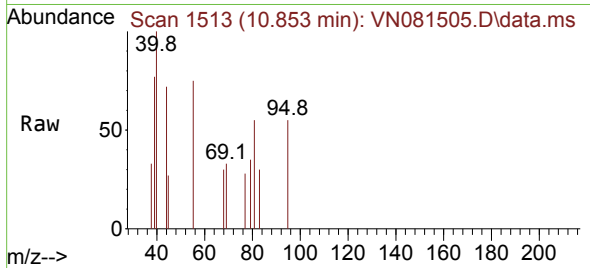
99 0.0 49.6 74.4#



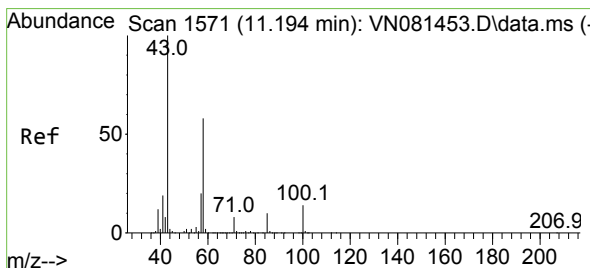
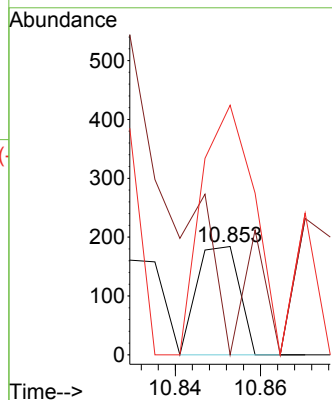
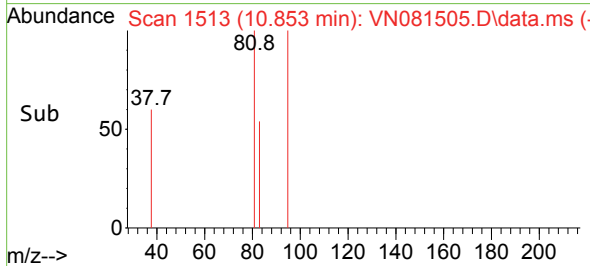


#56
Ethyl methacrylate
Concen: 0.584 ug/l
RT: 10.853 min Scan# 11
Delta R.T. -0.023 min
Lab File: VN081505.D
Acq: 20 Mar 2024 19:45

Instrument :
MSVOA_N
ClientSampleId :

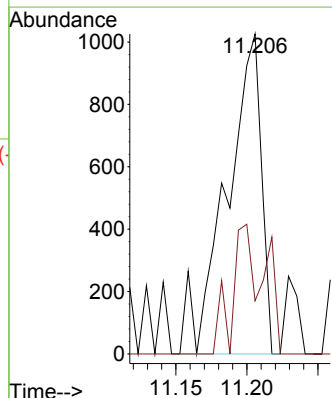
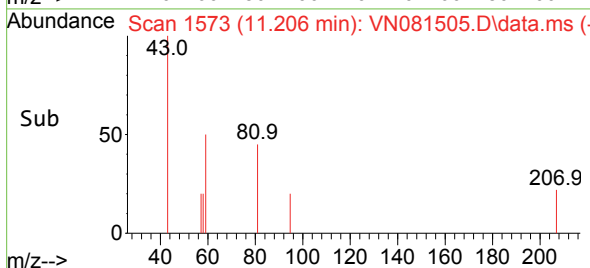
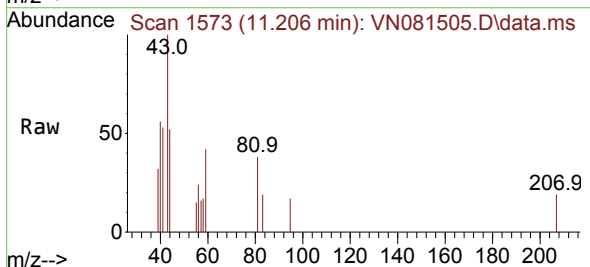


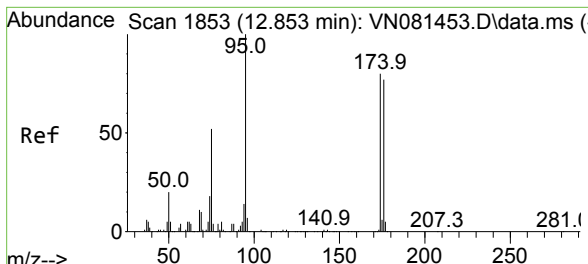
Tgt Ion: 69 Resp: 128
Ion Ratio Lower Upper
69 100
41 0.0 61.0 91.6#
39 351.6 31.8 47.6#



#59
2-Hexanone
Concen: 0.290 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.012 min
Lab File: VN081505.D
Acq: 20 Mar 2024 19:45

Tgt Ion: 43 Resp: 1750
Ion Ratio Lower Upper
43 100
58 36.9 25.9 77.8

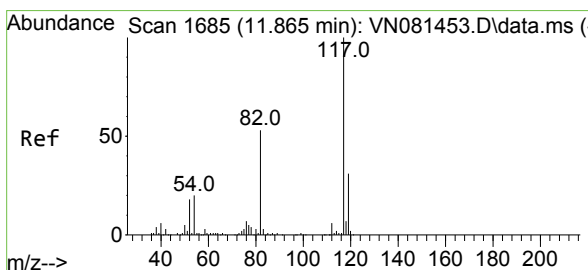
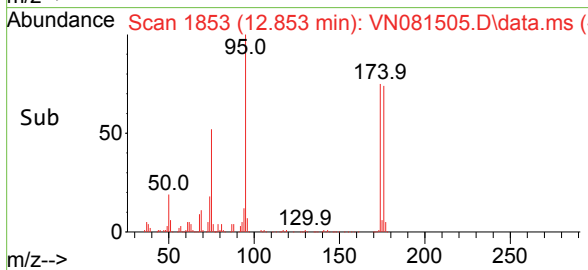
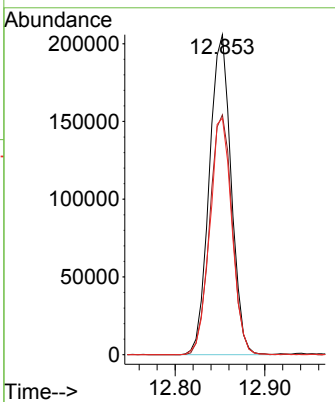
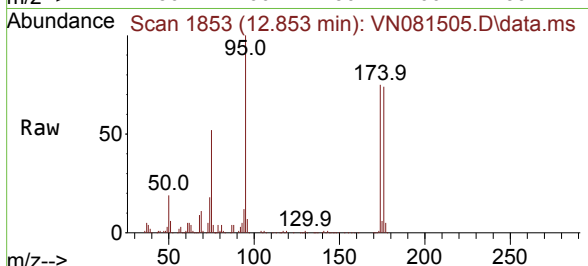




#62
 4-Bromofluorobenzene
 Concen: 48.826 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: VN081505.D
 Acq: 20 Mar 2024 19:45

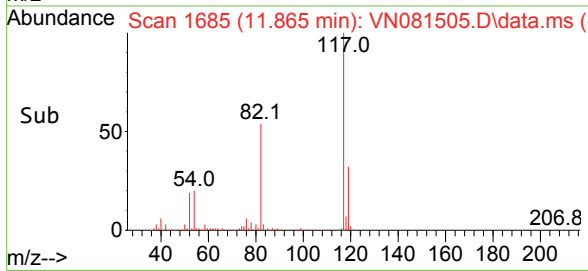
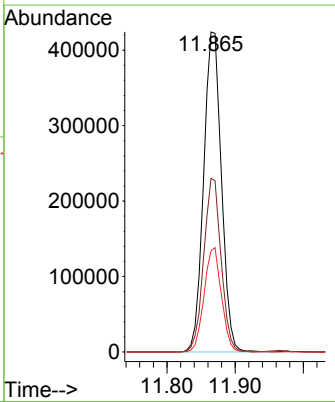
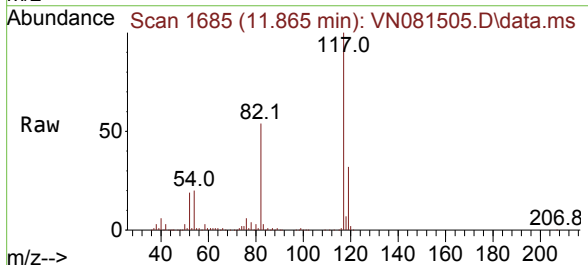
Instrument :
 MSVOA_N
 ClientSampleId :

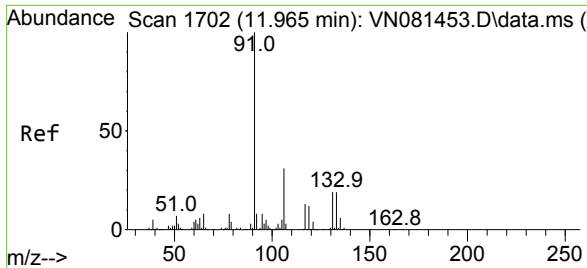
Tgt Ion:	95	Resp:	347868
Ion Ratio	Lower	Upper	
95	100		
174	77.1	0.0	120.4
176	75.0	0.0	121.0



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. -0.000 min
 Lab File: VN081505.D
 Acq: 20 Mar 2024 19:45

Tgt Ion:	117	Resp:	769663
Ion Ratio	Lower	Upper	
117	100		
82	54.2	52.7	79.1
119	31.6	25.3	37.9





#67

Ethyl Benzene

Concen: 4.207 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN081505.D

Acq: 20 Mar 2024 19:45

Instrument :

MSVOA_N

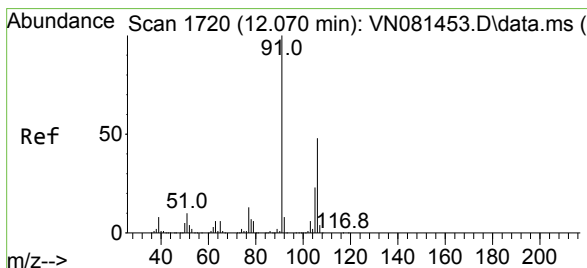
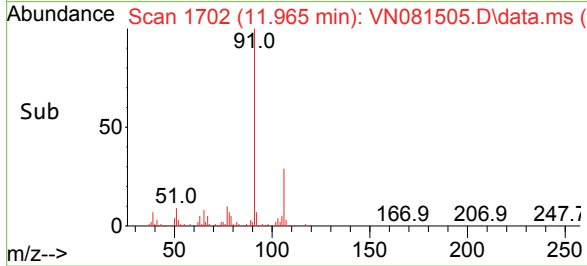
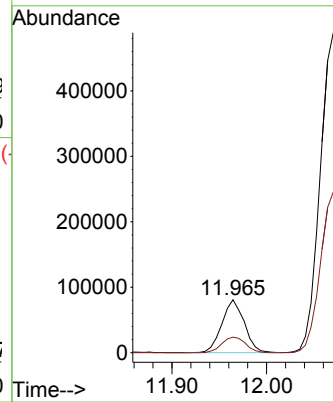
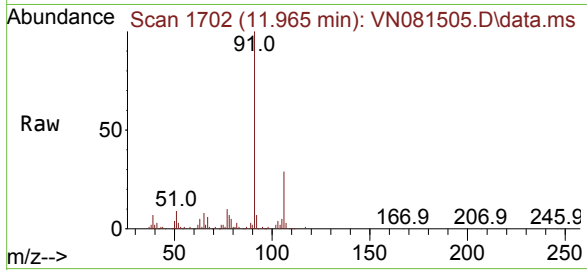
ClientSampleId :

Tgt Ion: 91 Resp: 132966

Ion Ratio Lower Upper

91 100

106 29.3 23.8 35.6



#68

m/p-Xylenes

Concen: 39.334 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. -0.000 min

Lab File: VN081505.D

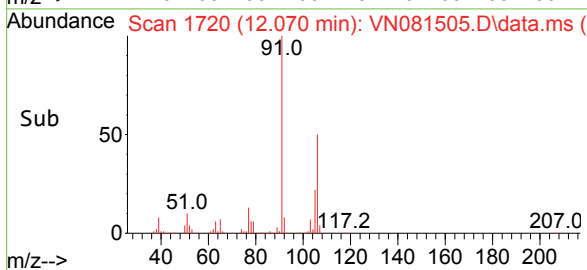
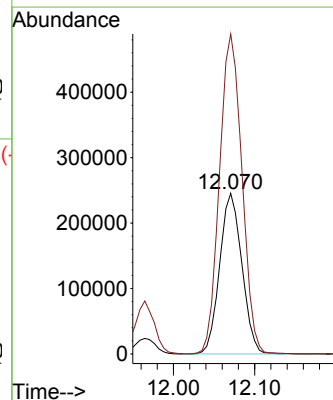
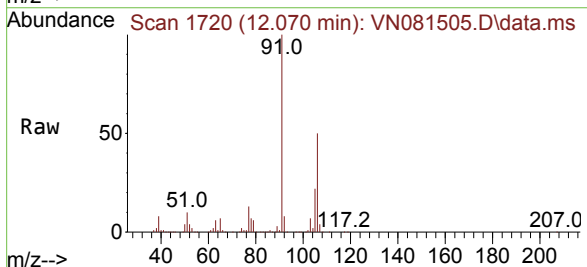
Acq: 20 Mar 2024 19:45

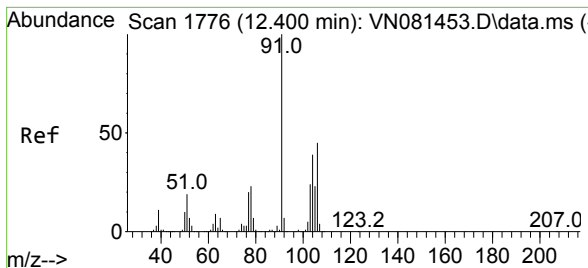
Tgt Ion:106 Resp: 466047

Ion Ratio Lower Upper

106 100

91 202.0 169.0 253.6

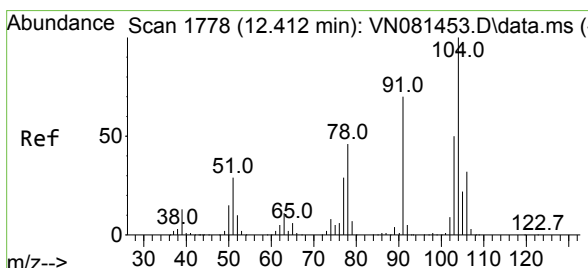
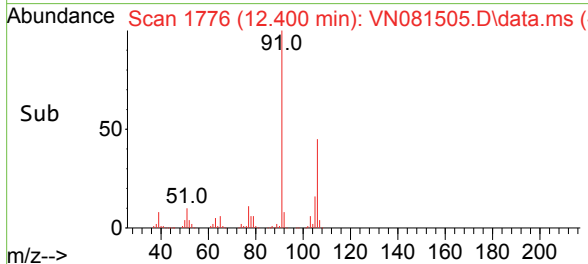
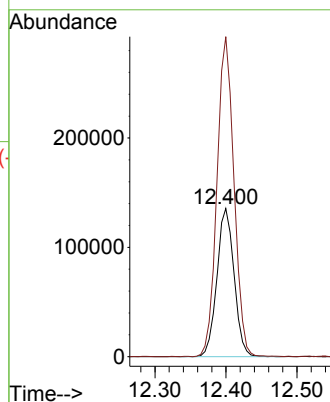
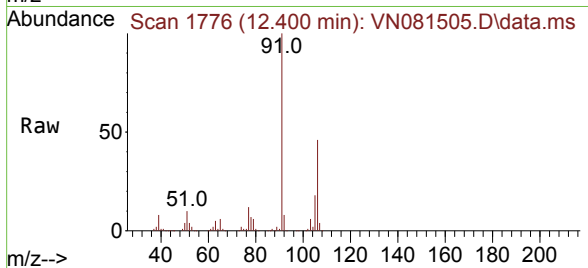




#69
o-Xylene
Concen: 19.453 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081505.D
Acq: 20 Mar 2024 19:45

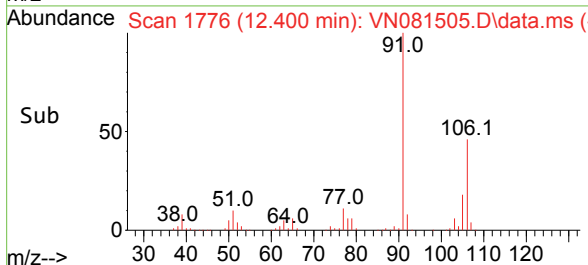
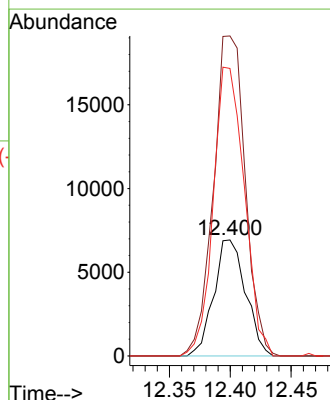
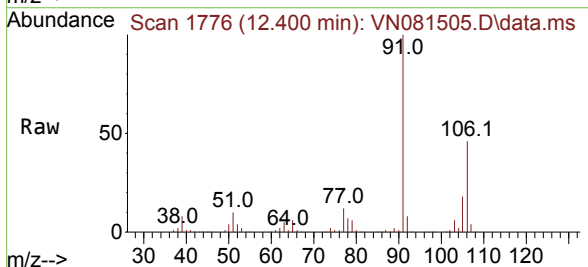
Instrument :
MSVOA_N
ClientSampleId :

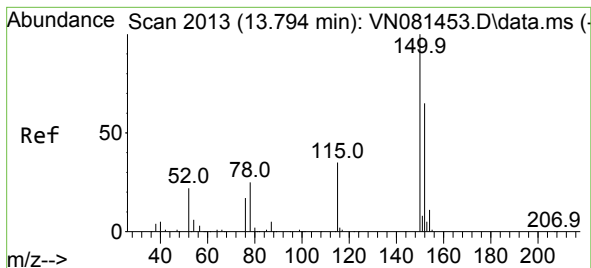
Tgt Ion:106 Resp: 226280
Ion Ratio Lower Upper
106 100
91 214.6 112.1 336.3



#70
Styrene
Concen: 0.673 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.012 min
Lab File: VN081505.D
Acq: 20 Mar 2024 19:45

Tgt Ion:104 Resp: 12629
Ion Ratio Lower Upper
104 100
78 275.7 43.8 65.8#
103 242.3 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

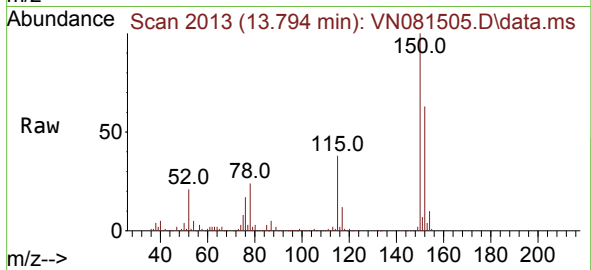
Lab File: VN081505.D

Acq: 20 Mar 2024 19:45

Instrument :

MSVOA_N

ClientSampleId :



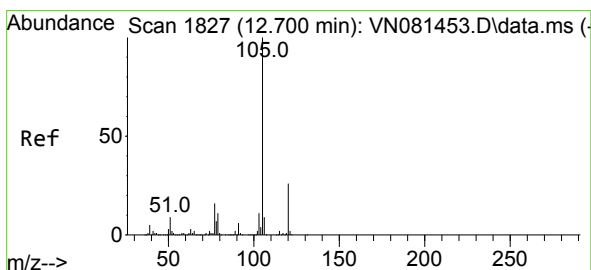
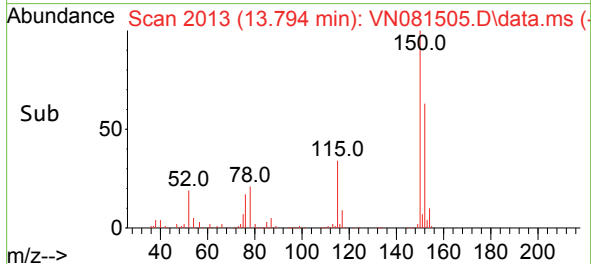
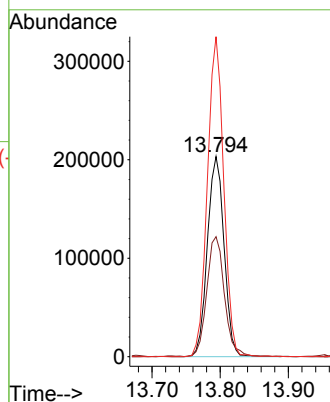
Tgt Ion:152 Resp: 346398

Ion Ratio Lower Upper

152 100

115 63.3 32.3 96.8

150 156.0 0.0 339.8



#73

Isopropylbenzene

Concen: 1.771 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN081505.D

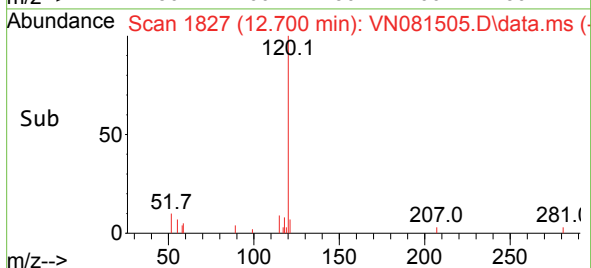
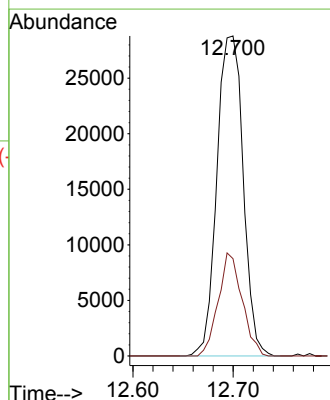
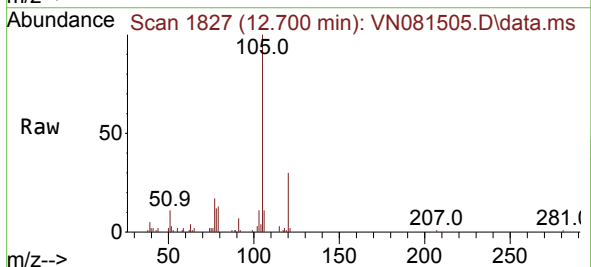
Acq: 20 Mar 2024 19:45

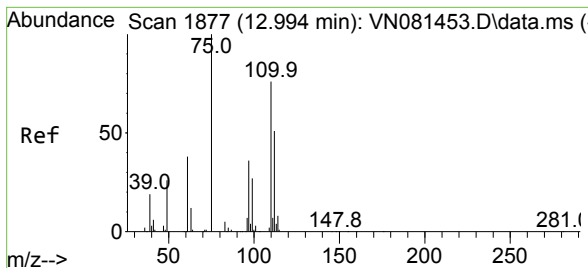
Tgt Ion:105 Resp: 52305

Ion Ratio Lower Upper

105 100

120 29.2 12.6 37.6





#76

1,2,3-Trichloropropane

Concen: 21.631 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN081505.D

Acq: 20 Mar 2024 19:45

Instrument :

MSVOA_N

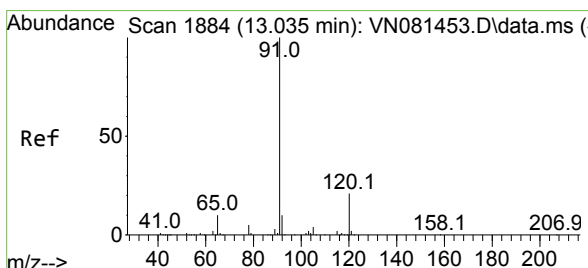
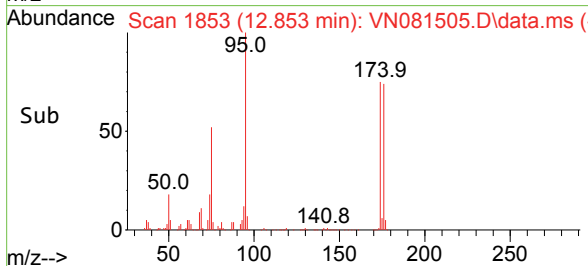
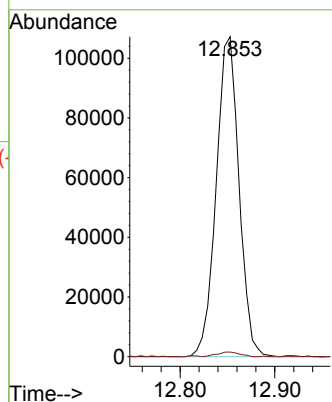
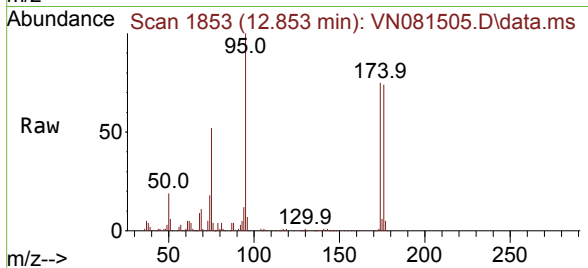
ClientSampleId :

Tgt Ion: 75 Resp: 179235

Ion Ratio Lower Upper

75 100

77 1.4 91.0 272.8#



#78

n-propylbenzene

Concen: 3.010 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN081505.D

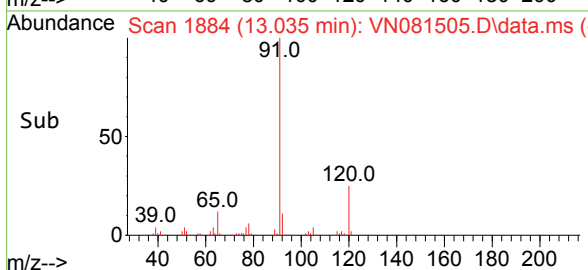
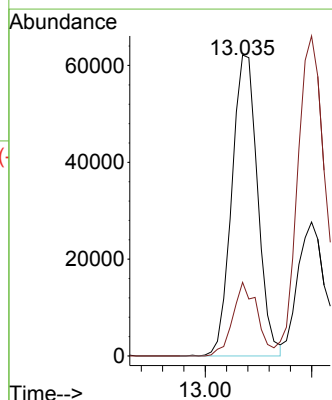
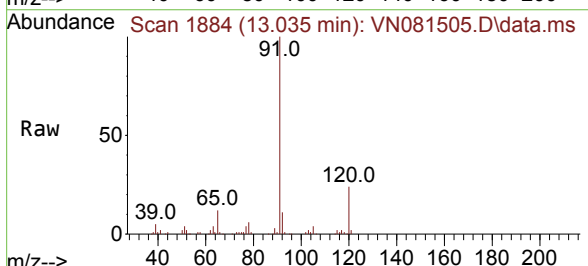
Acq: 20 Mar 2024 19:45

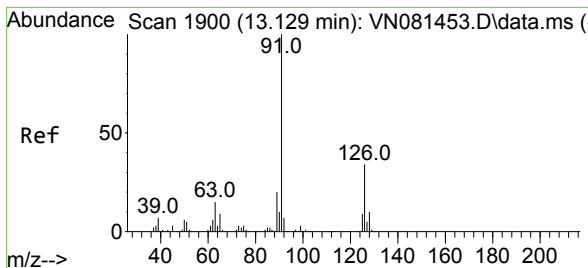
Tgt Ion: 91 Resp: 104963

Ion Ratio Lower Upper

91 100

120 23.2 10.3 30.9





#79

2-Chlorotoluene

Concen: 2.953 ug/l

RT: 13.100 min Scan# 11

Delta R.T. -0.029 min

Lab File: VN081505.D

Acq: 20 Mar 2024 19:45

Instrument :

MSVOA_N

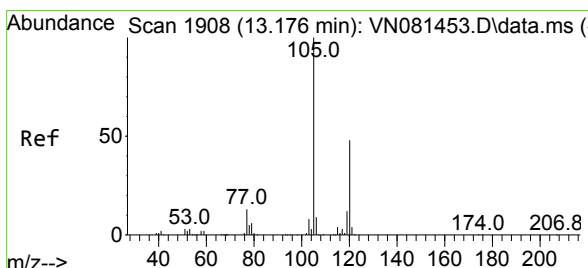
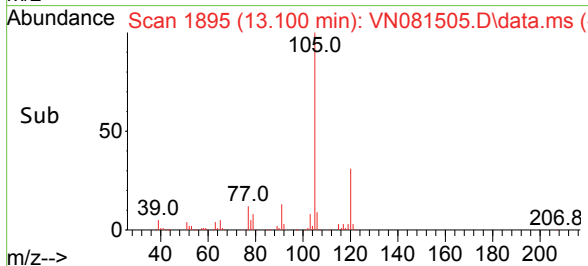
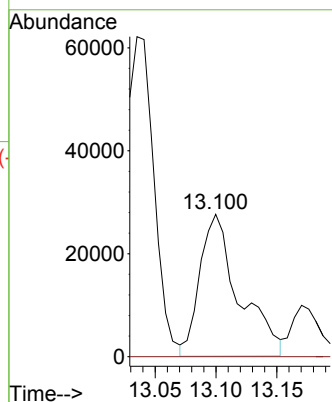
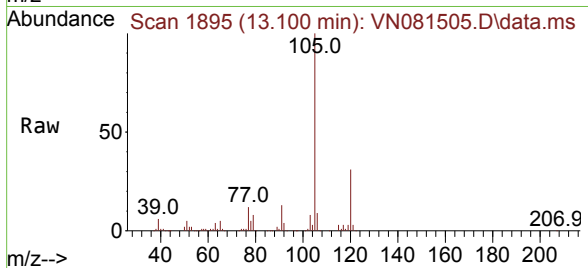
ClientSampleId :

Tgt Ion: 91 Resp: 61627

Ion Ratio Lower Upper

91 100

126 0.0 14.8 44.4#



#80

1,3,5-Trimethylbenzene

Concen: 6.061 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN081505.D

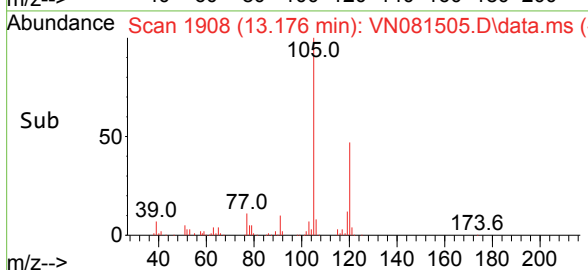
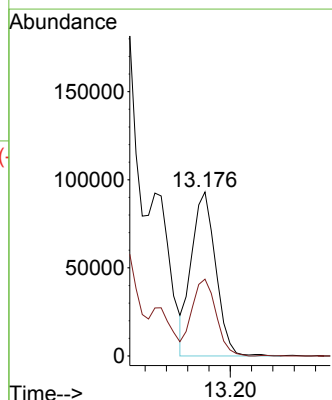
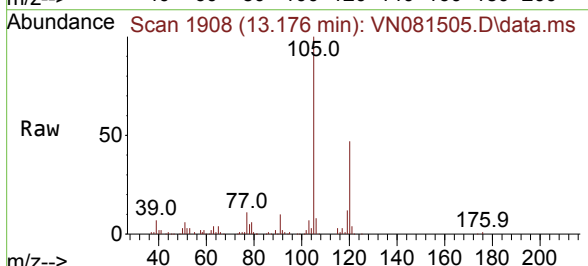
Acq: 20 Mar 2024 19:45

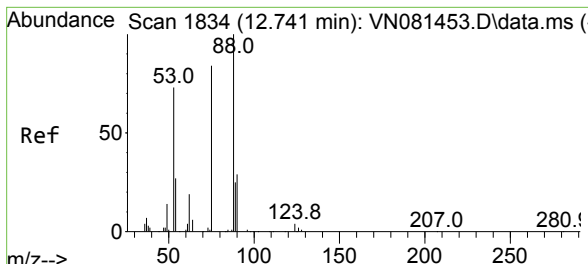
Tgt Ion: 105 Resp: 147813

Ion Ratio Lower Upper

105 100

120 46.9 23.0 69.0

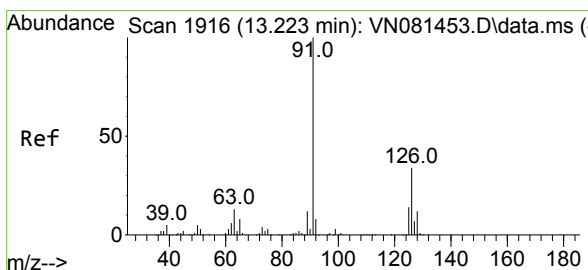
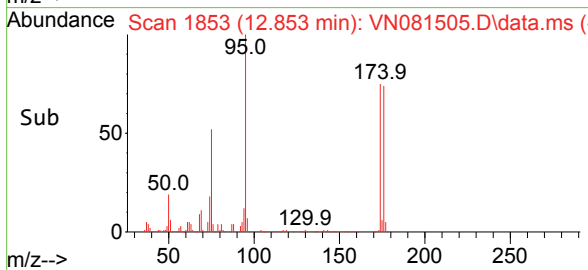
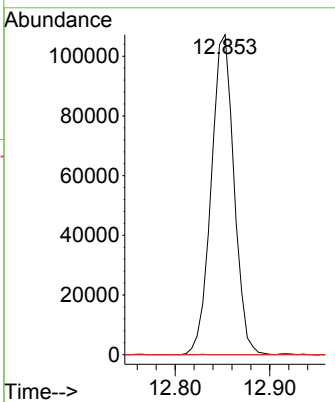
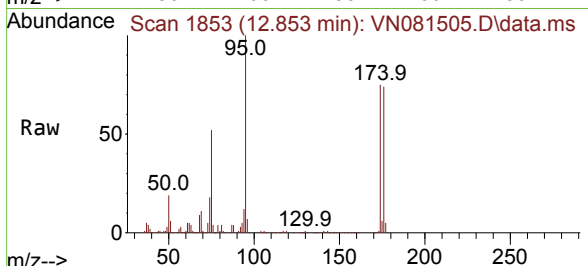




#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.454 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.112 min
 Lab File: VN081505.D
 Acq: 20 Mar 2024 19:45

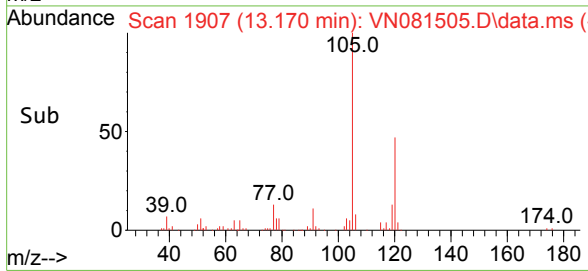
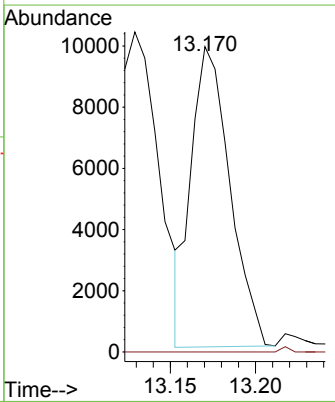
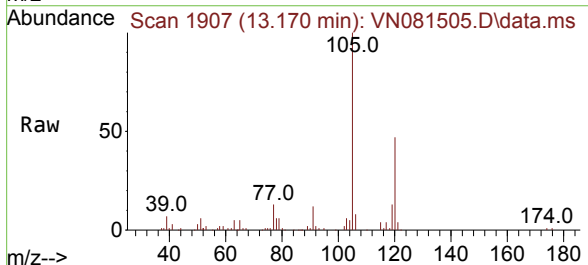
Instrument :
 MSVOA_N
 ClientSampleId :

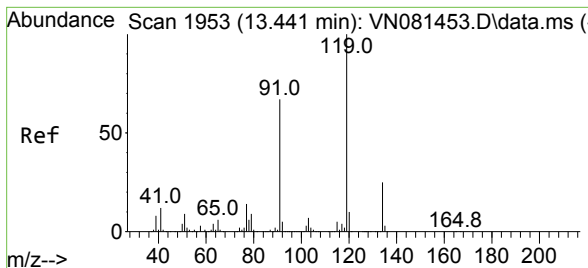
Tgt Ion:	75	Resp:	179235
Ion Ratio	Lower	Upper	
75	100		
53	0.0	71.4	107.2#
89	0.0	33.4	50.0#



#82
 4-Chlorotoluene
 Concen: 0.755 ug/l
 RT: 13.170 min Scan# 1907
 Delta R.T. -0.053 min
 Lab File: VN081505.D
 Acq: 20 Mar 2024 19:45

Tgt Ion:	91	Resp:	15530
Ion Ratio	Lower	Upper	
91	100		
126	0.0	15.3	45.9#





#83

tert-Butylbenzene

Concen: 3.717 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.041 min

Lab File: VN081505.D

Acq: 20 Mar 2024 19:45

Instrument :

MSVOA_N

ClientSampleId :

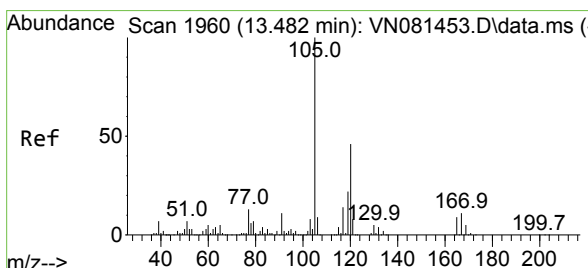
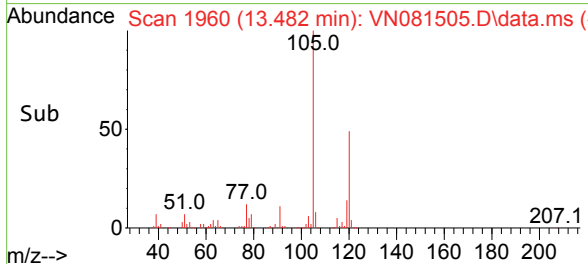
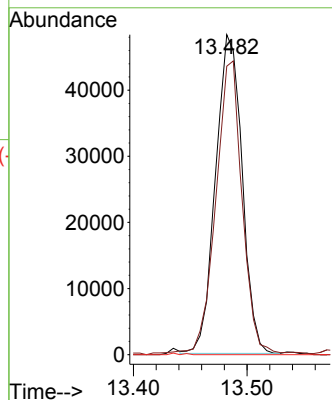
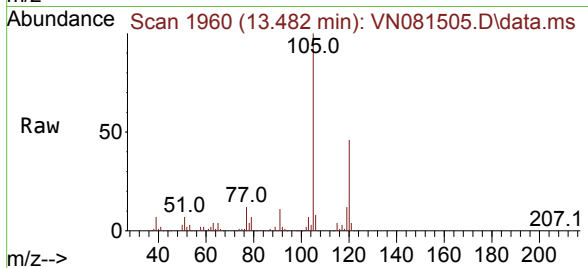
Tgt Ion:119 Resp: 78179

Ion Ratio Lower Upper

119 100

91 92.8 36.8 110.4

134 0.0 12.4 37.4#



#84

1,2,4-Trimethylbenzene

Concen: 26.152 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN081505.D

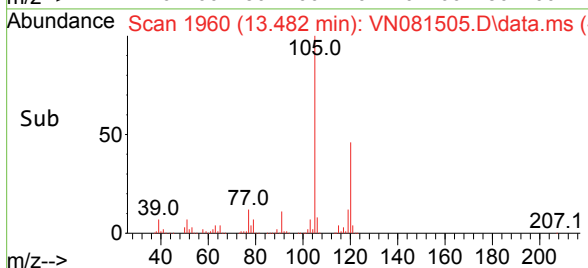
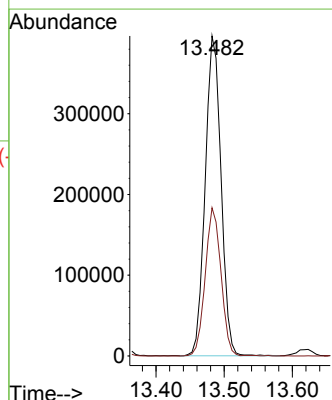
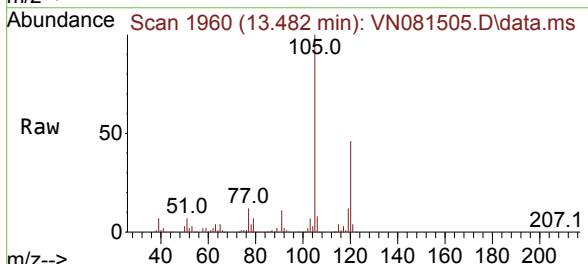
Acq: 20 Mar 2024 19:45

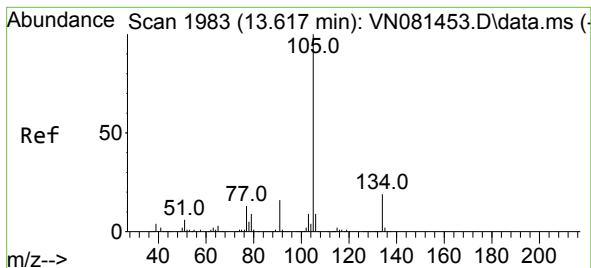
Tgt Ion:105 Resp: 641023

Ion Ratio Lower Upper

105 100

120 46.0 20.9 62.7





#85

sec-Butylbenzene

Concen: 21.322 ug/l

RT: 13.482 min Scan# 1983

Delta R.T. -0.135 min MSVOA_N

Lab File: VN081505.D

Acq: 20 Mar 2024 19:45

Instrument :

MSVOA_N

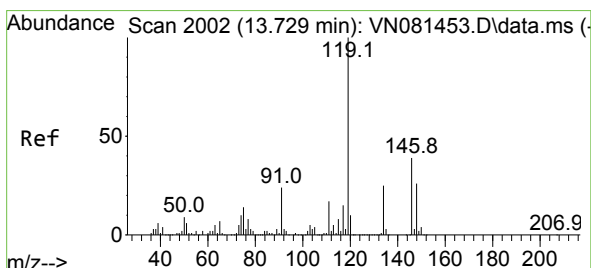
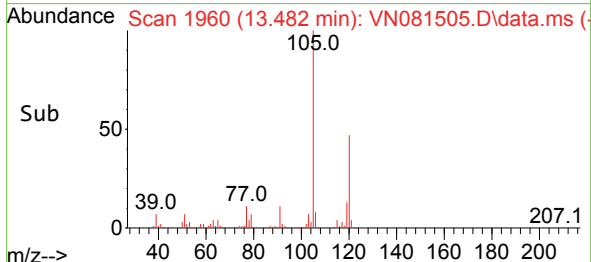
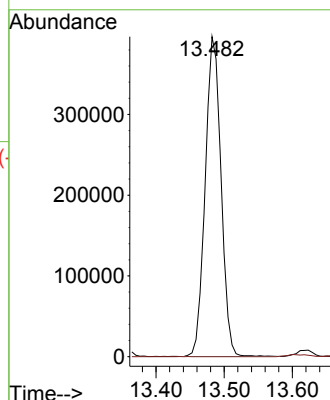
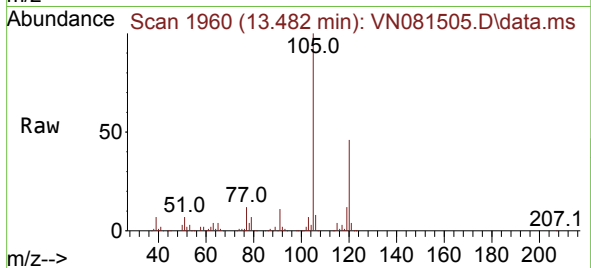
ClientSampleId :

Tgt Ion:105 Resp: 641023

Ion Ratio Lower Upper

105 100

134 0.0 8.6 25.8#



#86

p-Isopropyltoluene

Concen: 0.442 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. -0.006 min

Lab File: VN081505.D

Acq: 20 Mar 2024 19:45

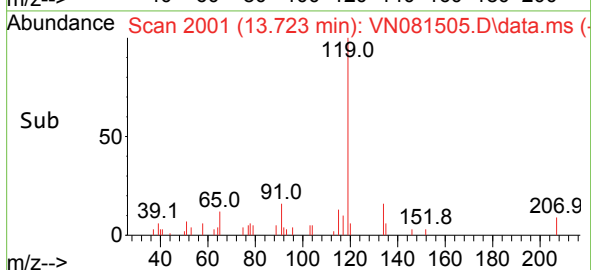
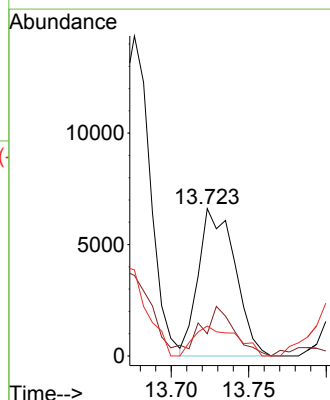
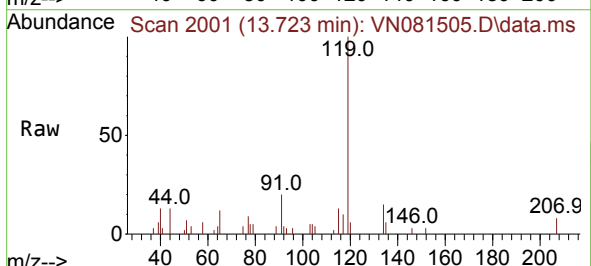
Tgt Ion:119 Resp: 10862

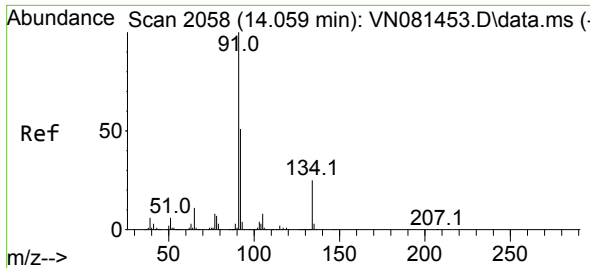
Ion Ratio Lower Upper

119 100

134 30.6 12.4 37.2

91 23.7 13.5 40.4

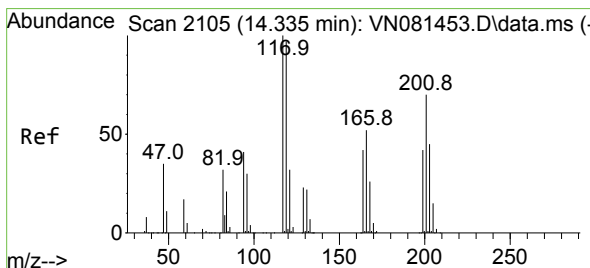
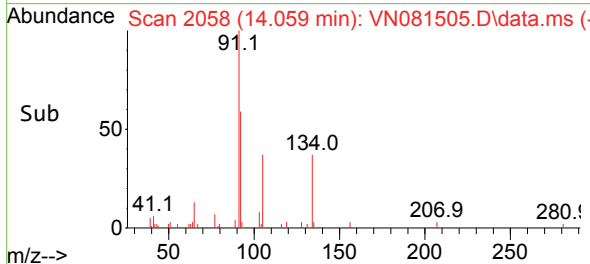
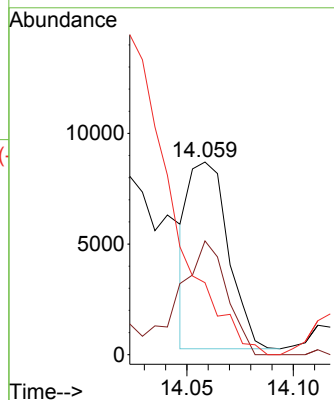
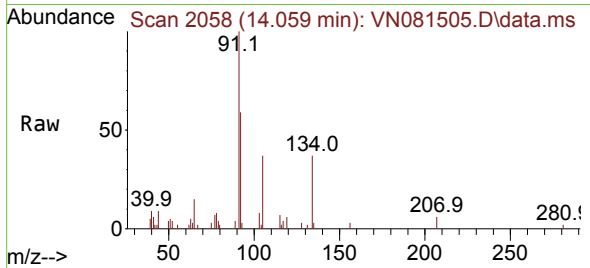




#89
n-Butylbenzene
Concen: 0.497 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN081505.D
Acq: 20 Mar 2024 19:45

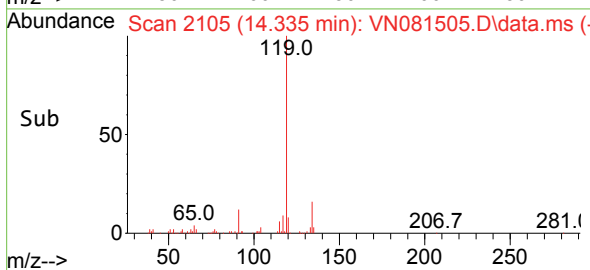
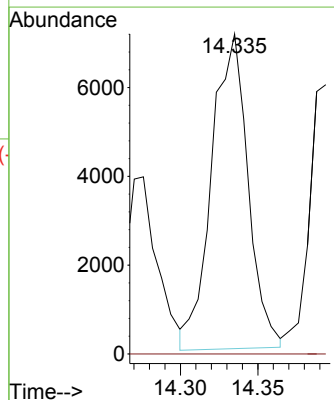
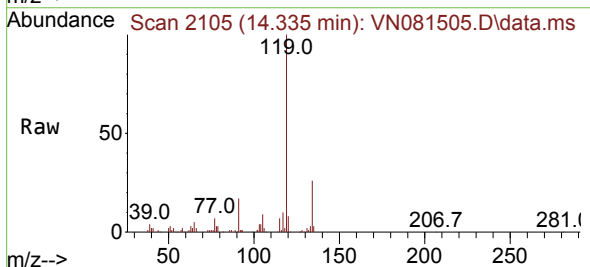
Instrument :
MSVOA_N
ClientSampleId :

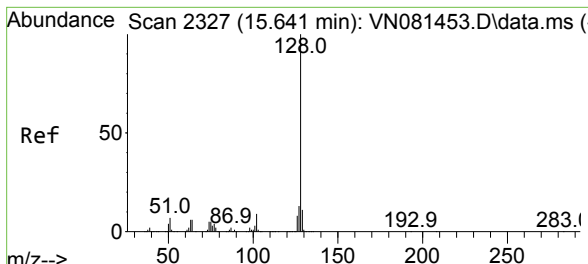
Tgt Ion: 91 Resp: 10830
Ion Ratio Lower Upper
91 100
92 72.9 26.7 80.1
134 0.0 10.8 32.4#



#90
Hexachloroethane
Concen: 2.482 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN081505.D
Acq: 20 Mar 2024 19:45

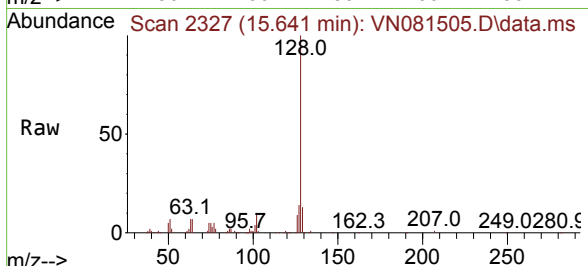
Tgt Ion: 117 Resp: 11554
Ion Ratio Lower Upper
117 100
201 0.0 30.0 90.0#





#95
 Naphthalene
 Concen: 6.163 ug/l
 RT: 15.641 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN081505.D
 Acq: 20 Mar 2024 19:45

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:128 Resp: 148949

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.0	15.0
129	11.9	8.7	13.1

