

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042524\
 Data File : VN081853.D
 Acq On : 25 Apr 2024 16:17
 Operator : JC\MD
 Sample : P2257-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41A

Quant Time: Apr 26 05:37:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	207236	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	384867	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	326292	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	127147	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	165785	47.400	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 94.800%			
35) Dibromofluoromethane	8.165	113	116394	50.230	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.460%			
50) Toluene-d8	10.565	98	474785	52.170	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.340%			
62) 4-Bromofluorobenzene	12.847	95	168671	46.885	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 93.760%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	1196	0.394	ug/l #	80
5) Bromomethane	2.930	94	149	Below Cal	#	61
6) Chloroethane	3.130	64	310	0.223	ug/l #	44
10) Methyl Iodide	4.606	142	1175	0.544	ug/l #	40
11) Tert butyl alcohol	5.518	59	15436	24.277	ug/l	97
13) Acrolein	4.177	56	662	Below Cal		89
14) Allyl chloride	5.030	41	1315	0.248	ug/l #	70
16) Acetone	4.424	43	51204	45.024	ug/l	93
17) Carbon Disulfide	4.730	76	38358	5.084	ug/l	98
18) Methyl Acetate	5.024	43	105401	29.752	ug/l #	89
25) 2-Butanone	7.482	43	172796	87.044	ug/l #	86
29) Tetrahydrofuran	7.835	42	503	0.353	ug/l #	57
36) 1,1-Dichloropropene	8.218	75	21434	5.686	ug/l #	49
37) Ethyl Acetate	7.565	43	17068	4.187	ug/l #	58
38) Carbon Tetrachloride	8.224	117	23016	6.247	ug/l #	15
40) Benzene	8.606	78	7078	0.625	ug/l #	84
43) Isopropyl Acetate	8.682	43	4536	0.592	ug/l #	52
48) Methyl methacrylate	9.659	41	32546	8.896	ug/l #	40
49) 1,4-Dioxane	9.706	88	1256	22.586	ug/l #	28
51) 4-Methyl-2-Pentanone	10.441	43	2068	0.479	ug/l #	74
52) Toluene	10.629	92	7294	1.076	ug/l	96
59) 2-Hexanone	11.194	43	2262	0.704	ug/l	97
67) Ethyl Benzene	11.964	91	4960	0.374	ug/l	92
68) m/p-Xylenes	12.070	106	7329	1.551	ug/l	90
69) o-Xylene	12.394	106	3527	0.764	ug/l	77
70) Styrene	12.417	104	5453	0.683	ug/l	92
74) N-amyl acetate	12.423	43	74859	11.894	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	93665	28.412	ug/l #	1
78) n-propylbenzene	13.041	91	3051	0.222	ug/l	80
80) 1,3,5-Trimethylbenzene	13.170	105	3181	0.333	ug/l	82
81) trans-1,4-Dichloro-2-b...	12.847	75	93665	58.220	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.488	105	12441	1.302	ug/l	95
86) p-Isopropyltoluene	13.729	119	1809	0.201	ug/l #	78
87) 1,3-Dichlorobenzene	13.735	146	937	0.212	ug/l #	37
88) 1,4-Dichlorobenzene	13.811	146	1146	0.264	ug/l #	1
89) n-Butylbenzene	14.058	91	2641	0.315	ug/l	92

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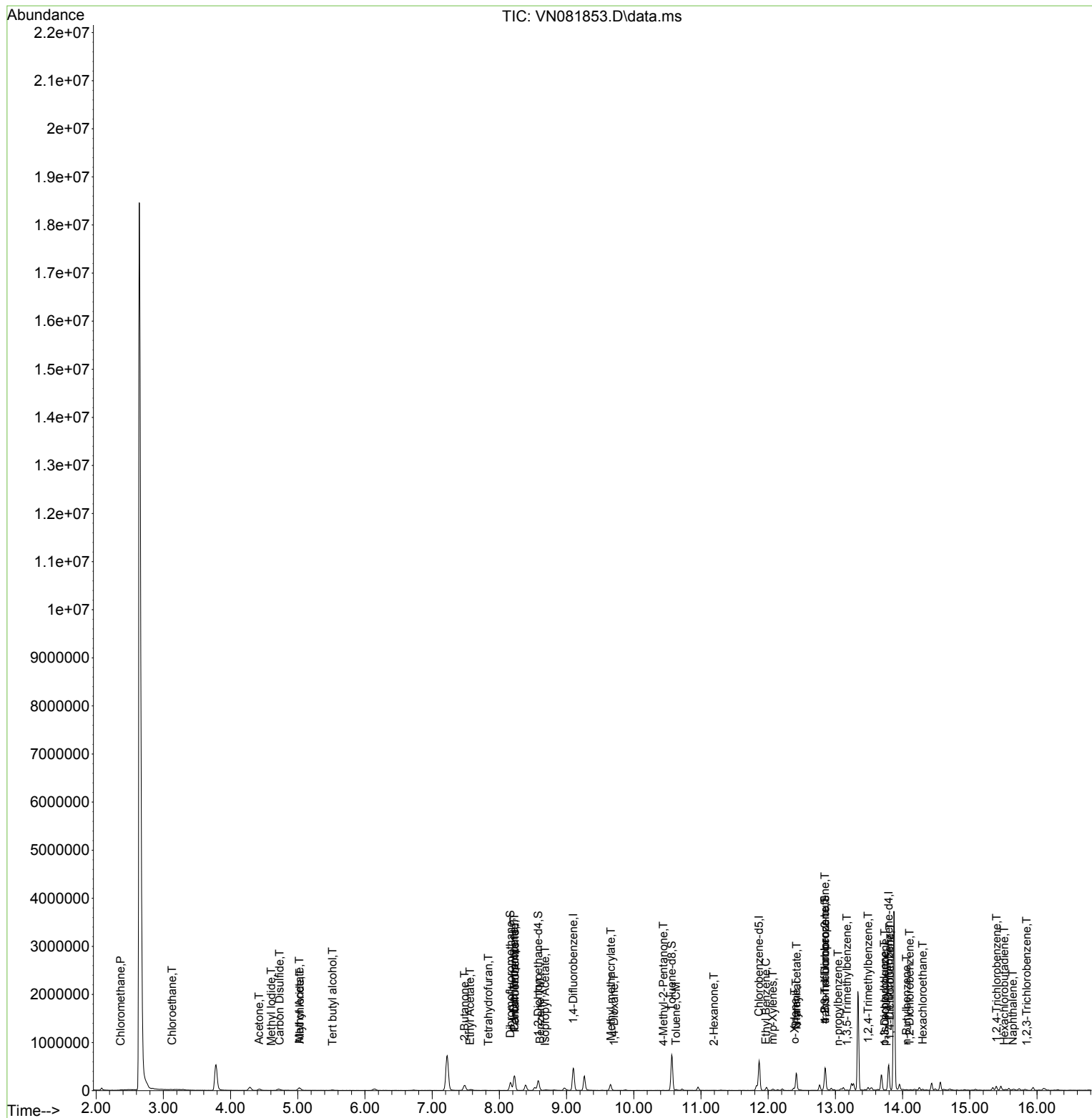
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	14.300	117	963	0.543	ug/l #	17
91) 1,2-Dichlorobenzene	14.106	146	894	0.211	ug/l	94
93) 1,2,4-Trichlorobenzene	15.400	180	1164	0.492	ug/l #	1
94) Hexachlorobutadiene	15.511	225	388	0.445	ug/l #	77
95) Naphthalene	15.641	128	10121	1.131	ug/l #	85
96) 1,2,3-Trichlorobenzene	15.847	180	917	0.403	ug/l #	75

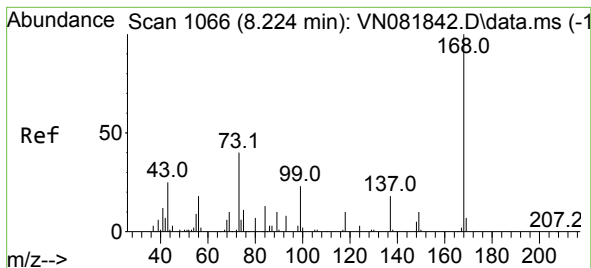
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.229 min Scan# 1

Delta R.T. 0.005 min

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Instrument :

MSVOA_N

ClientSampleId :

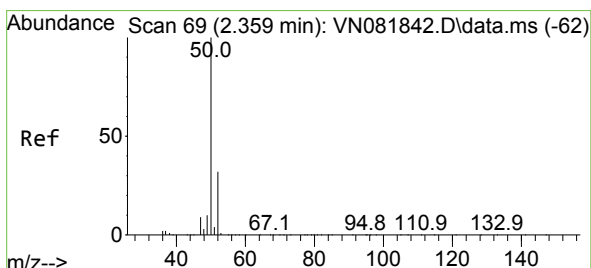
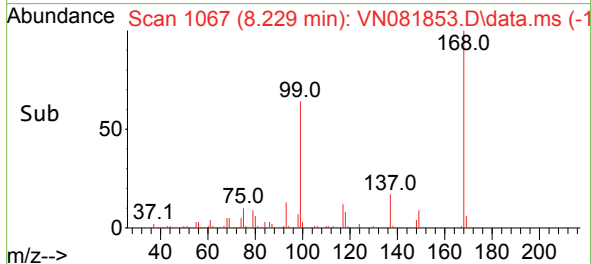
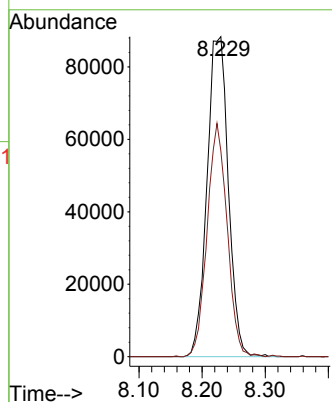
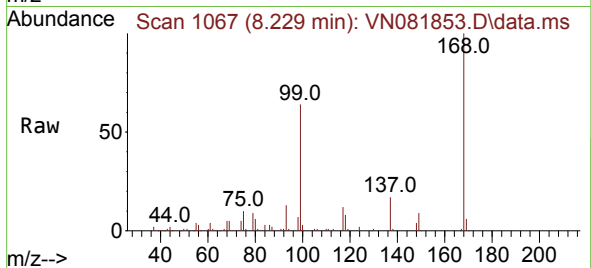
41A

Tgt Ion:168 Resp: 207236

Ion Ratio Lower Upper

168 100

99 64.4 48.2 72.4



#3

Chloromethane

Concen: 0.394 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN081853.D

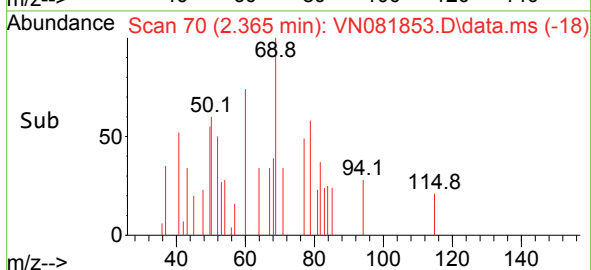
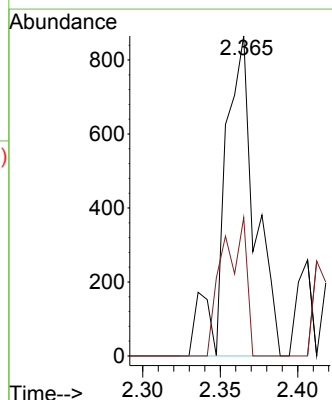
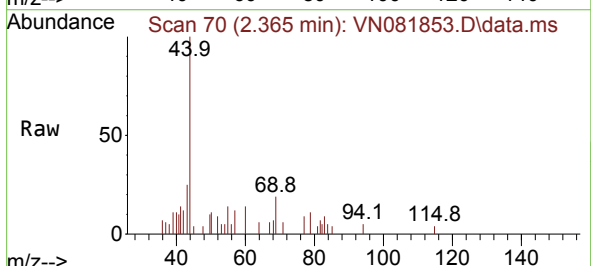
Acq: 25 Apr 2024 16:17

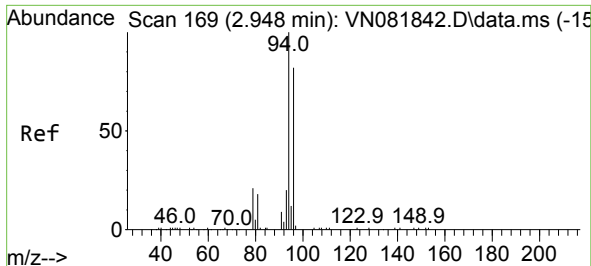
Tgt Ion: 50 Resp: 1196

Ion Ratio Lower Upper

50 100

52 43.2 25.5 38.3#

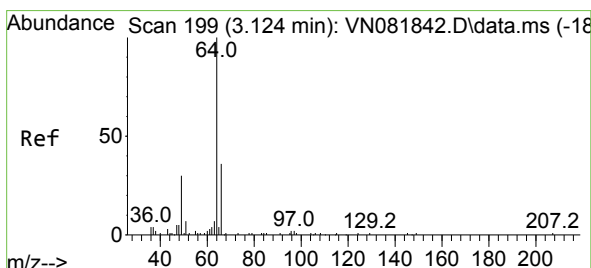
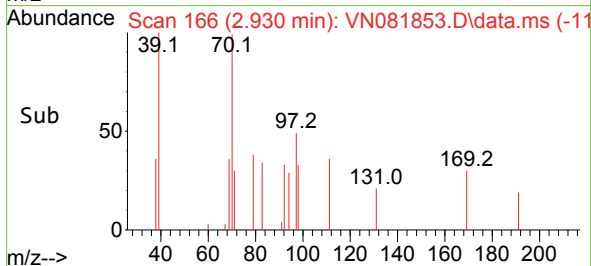
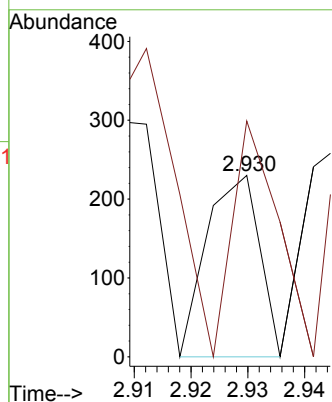
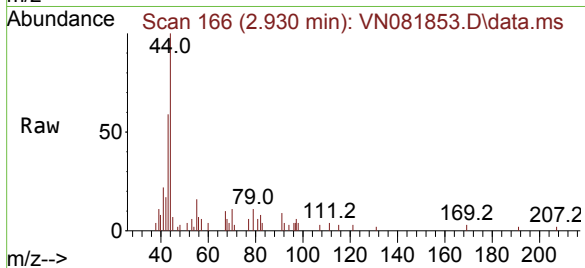




#5
Bromomethane
Concen: Below Cal
RT: 2.930 min Scan# 1
Delta R.T. -0.018 min
Lab File: VN081853.D
Acq: 25 Apr 2024 16:17

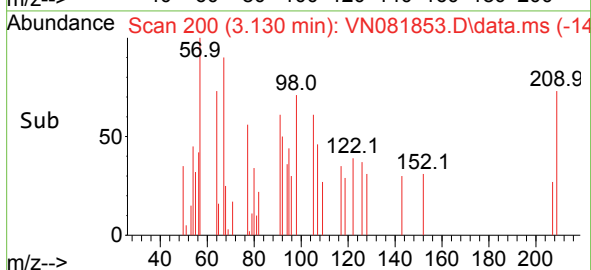
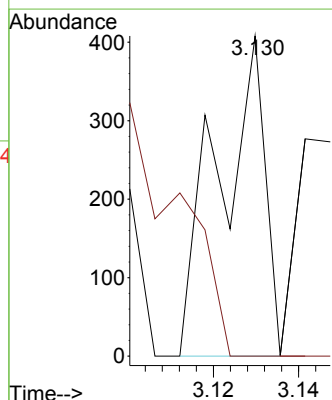
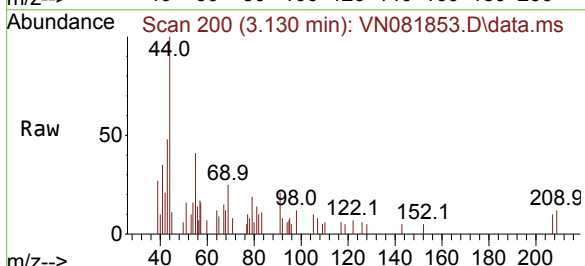
Instrument :
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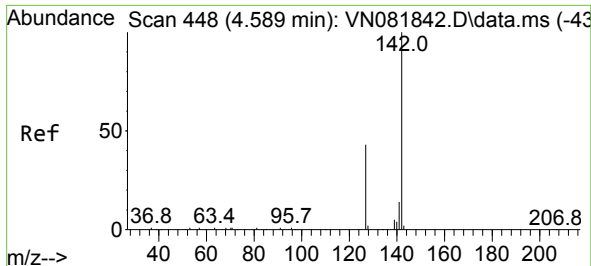
Tgt Ion: 94 Resp: 149
Ion Ratio Lower Upper
94 100
96 55.7 74.8 112.2#



#6
Chloroethane
Concen: 0.223 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN081853.D
Acq: 25 Apr 2024 16:17

Tgt Ion: 64 Resp: 310
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#

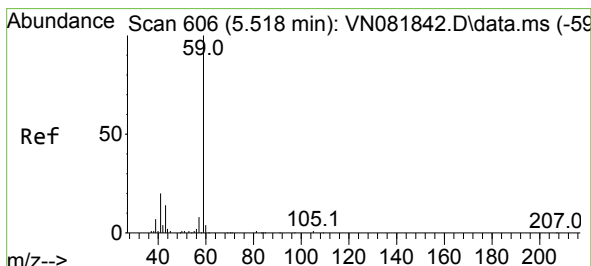
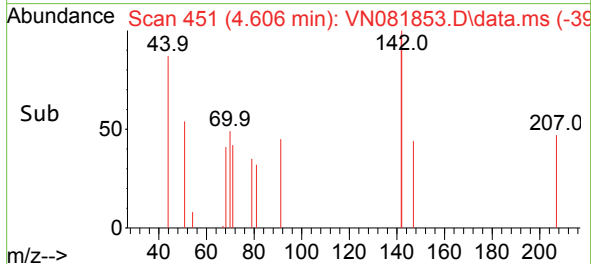
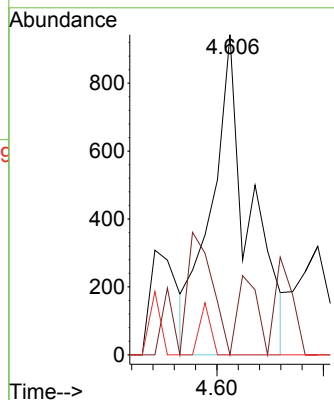
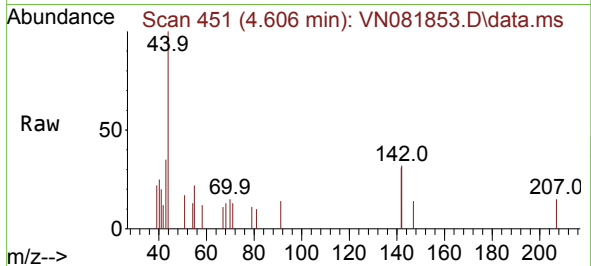




#10
Methyl Iodide
Concen: 0.544 ug/l
RT: 4.606 min Scan# 41A
Delta R.T. 0.018 min
Lab File: VN081853.D
Acq: 25 Apr 2024 16:17

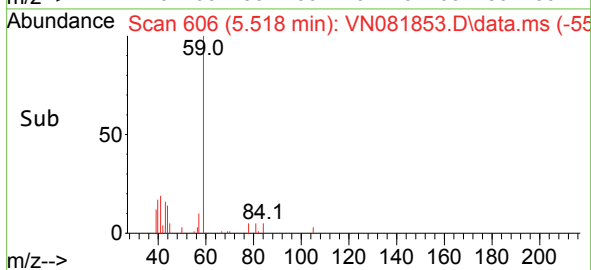
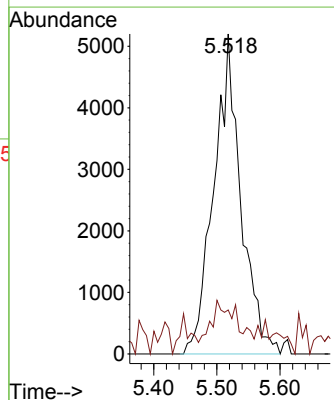
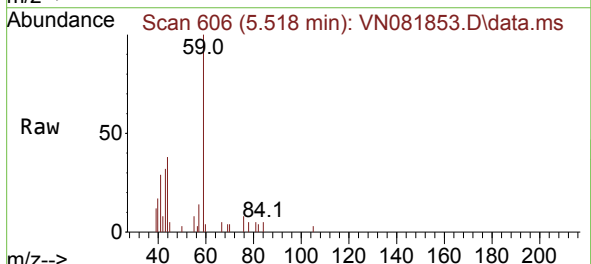
Instrument :
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ClientSampleId :
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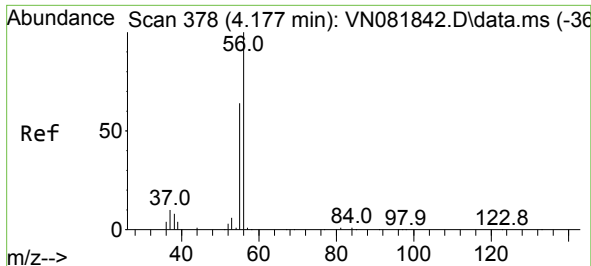
Tgt Ion:142 Resp: 1175
Ion Ratio Lower Upper
142 100
127 0.0 35.8 53.6#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 24.277 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN081853.D
Acq: 25 Apr 2024 16:17

Tgt Ion: 59 Resp: 15436
Ion Ratio Lower Upper
59 100
57 10.0 8.9 13.3

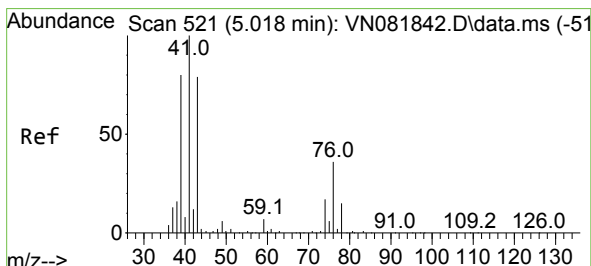
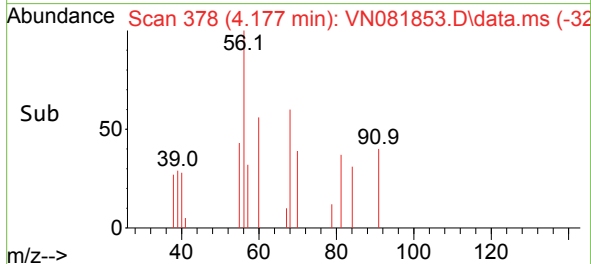
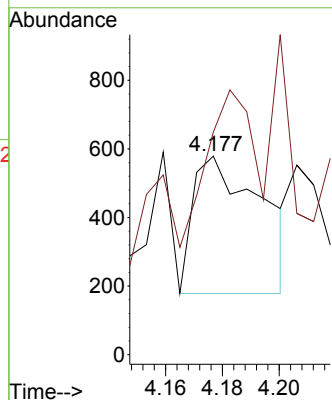
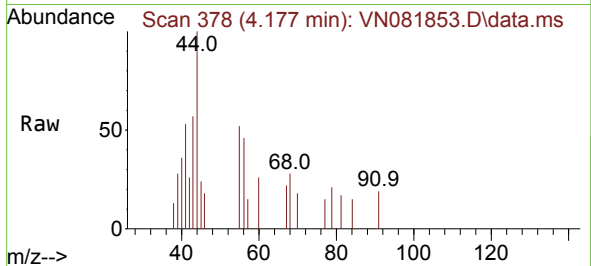




#13
Acrolein
Concen: Below Cal
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN081853.D
Acq: 25 Apr 2024 16:17

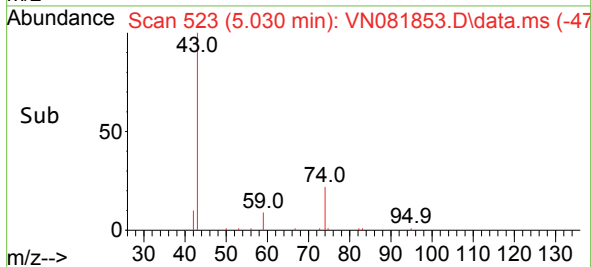
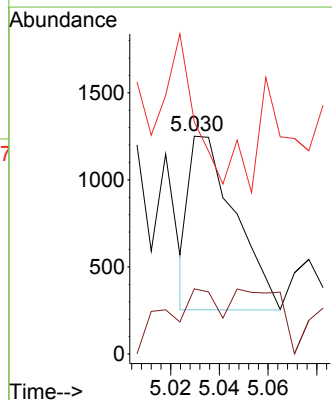
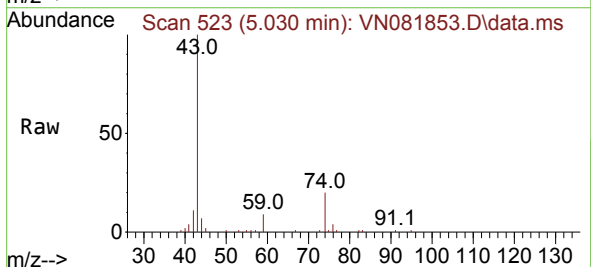
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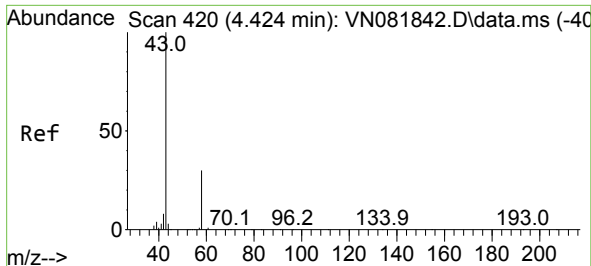
Tgt Ion: 56 Resp: 662
Ion Ratio Lower Upper
56 100
55 78.9 55.8 83.8



#14
Allyl chloride
Concen: 0.248 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN081853.D
Acq: 25 Apr 2024 16:17

Tgt Ion: 41 Resp: 1315
Ion Ratio Lower Upper
41 100
39 43.5 65.4 98.0#
76 51.4 37.3 55.9

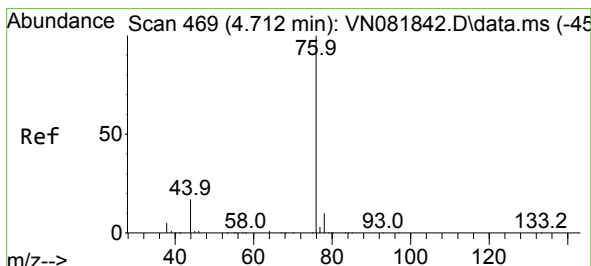
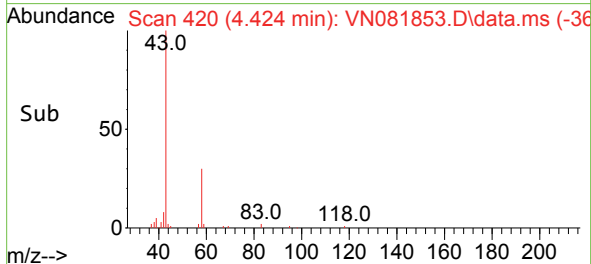
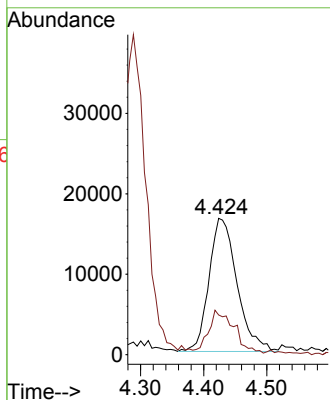
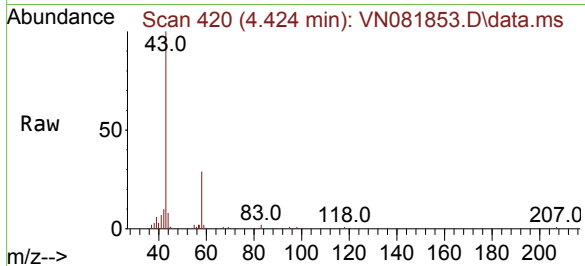




#16
Acetone
Concen: 45.024 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN081853.D
Acq: 25 Apr 2024 16:17

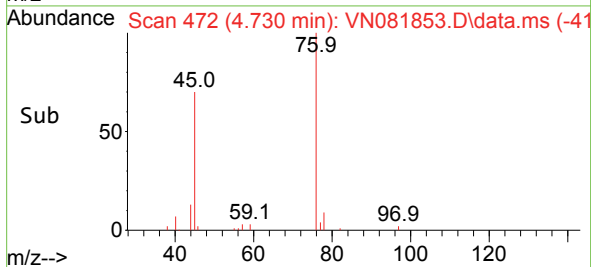
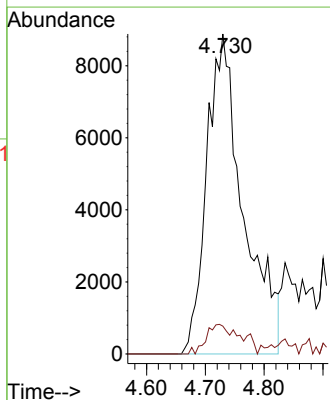
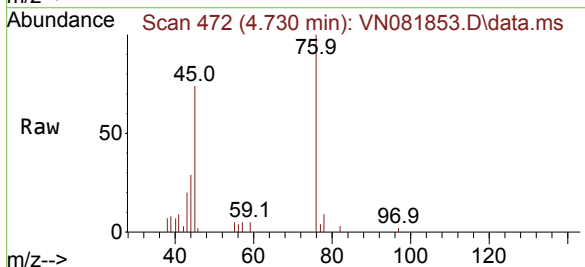
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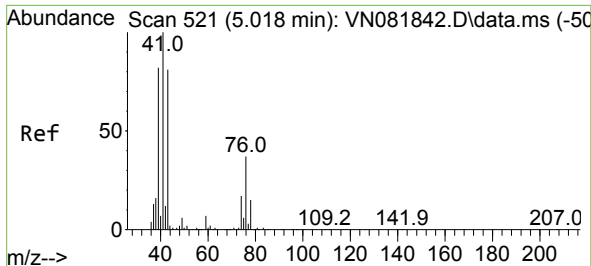
Tgt Ion: 43 Resp: 51204
Ion Ratio Lower Upper
43 100
58 27.4 25.2 37.8



#17
Carbon Disulfide
Concen: 5.084 ug/l
RT: 4.730 min Scan# 472
Delta R.T. 0.018 min
Lab File: VN081853.D
Acq: 25 Apr 2024 16:17

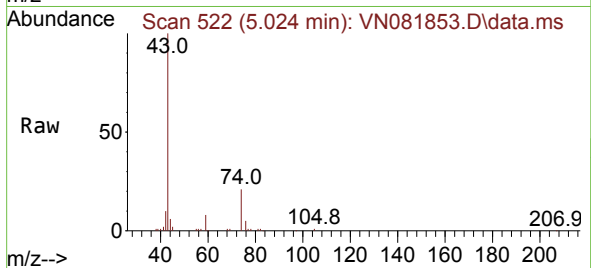
Tgt Ion: 76 Resp: 38358
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3



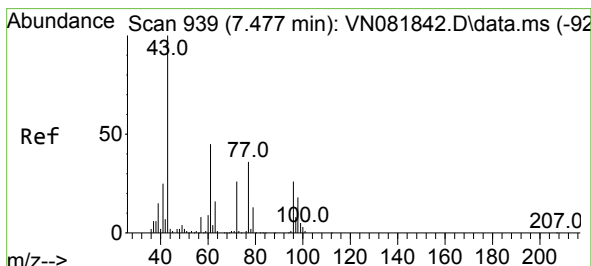
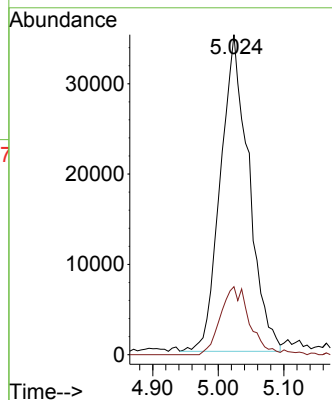
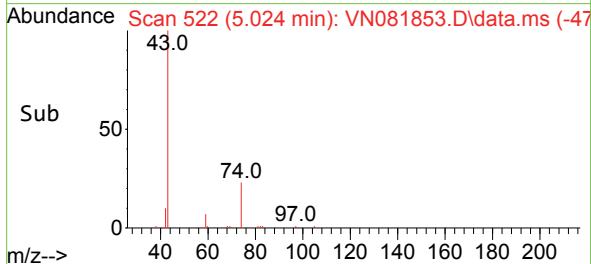


#18
Methyl Acetate
Concen: 29.752 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN081853.D
Acq: 25 Apr 2024 16:17

Instrument :
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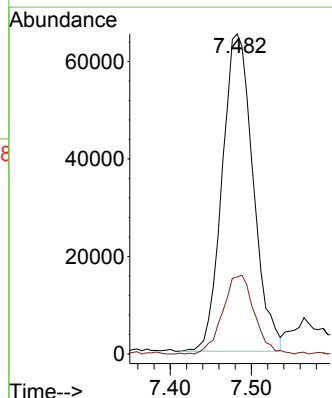
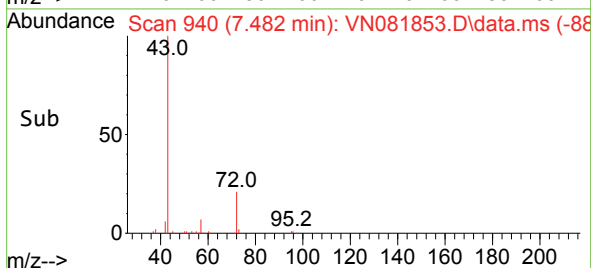
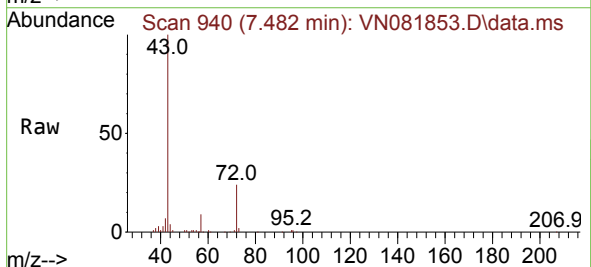


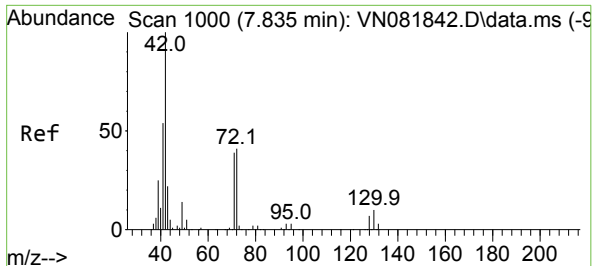
Tgt Ion: 43 Resp: 105401
Ion Ratio Lower Upper
43 100
74 21.7 22.2 33.2#



#25
2-Butanone
Concen: 87.044 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081853.D
Acq: 25 Apr 2024 16:17

Tgt Ion: 43 Resp: 172796
Ion Ratio Lower Upper
43 100
72 24.0 25.3 37.9#





#29

Tetrahydrofuran

Concen: 0.353 ug/l

RT: 7.835 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN081853.D

Acq: 25 Apr 2024 16:17

Instrument :

MSVOA_N

ClientSampleId :

41A

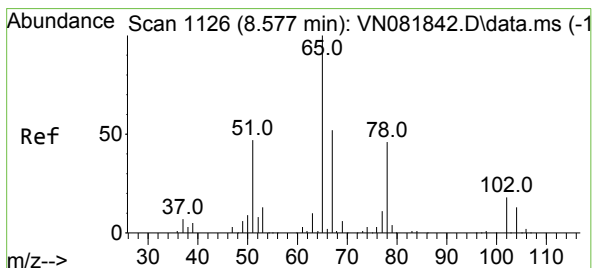
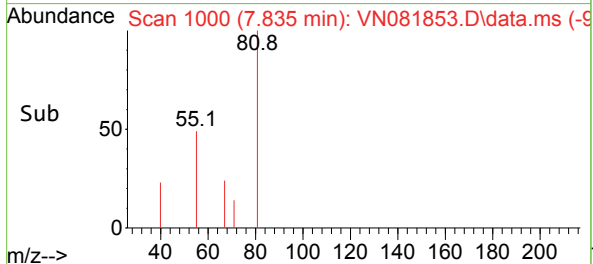
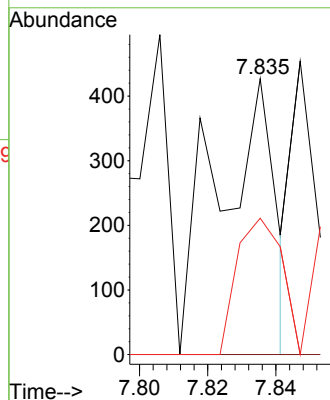
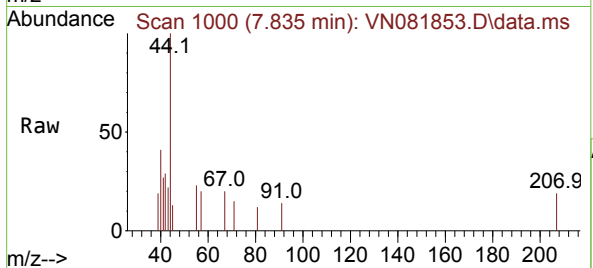
Tgt Ion: 42 Resp: 503

Ion Ratio Lower Upper

42 100

72 0.0 39.3 58.9#

71 38.6 37.4 56.0



#33

1,2-Dichloroethane-d4

Concen: 47.400 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081853.D

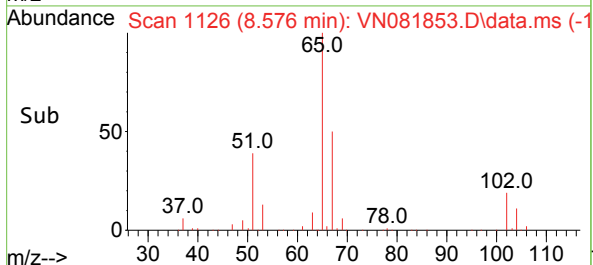
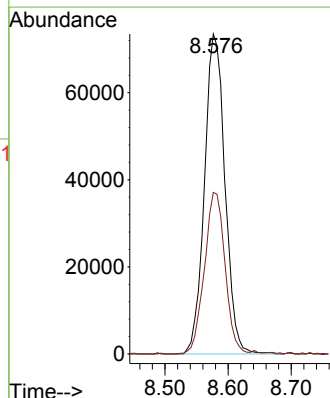
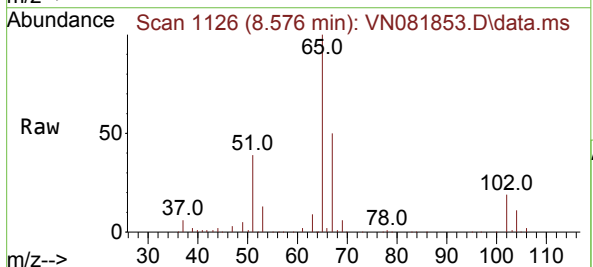
Acq: 25 Apr 2024 16:17

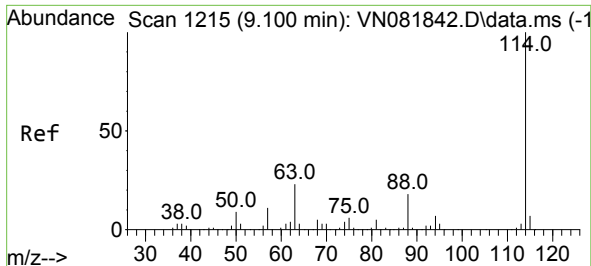
Tgt Ion: 65 Resp: 165785

Ion Ratio Lower Upper

65 100

67 50.8 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081853.D

Acq: 25 Apr 2024 16:17

Instrument :

MSVOA_N

ClientSampleId :

41A

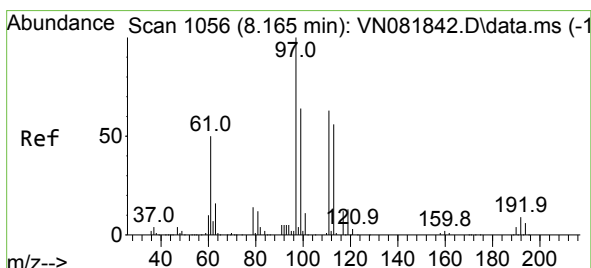
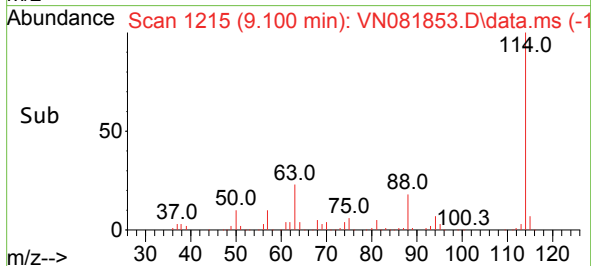
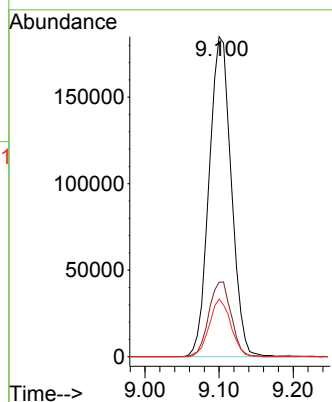
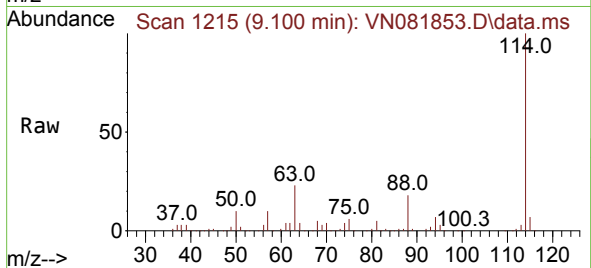
Tgt Ion:114 Resp: 384867

Ion Ratio Lower Upper

114 100

63 23.3 0.0 41.0

88 18.0 0.0 31.4



#35

Dibromofluoromethane

Concen: 50.230 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN081853.D

Acq: 25 Apr 2024 16:17

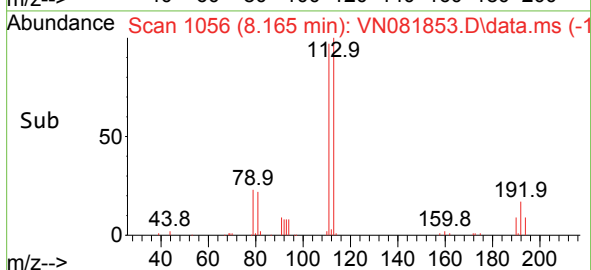
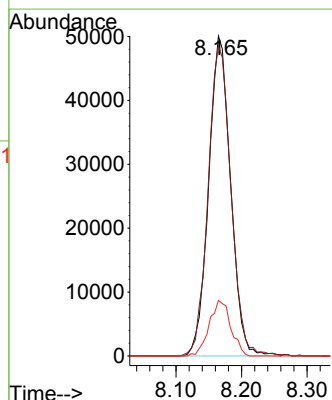
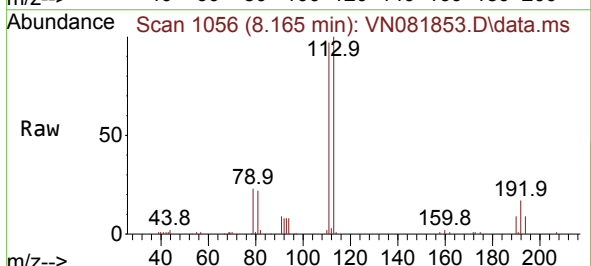
Tgt Ion:113 Resp: 116394

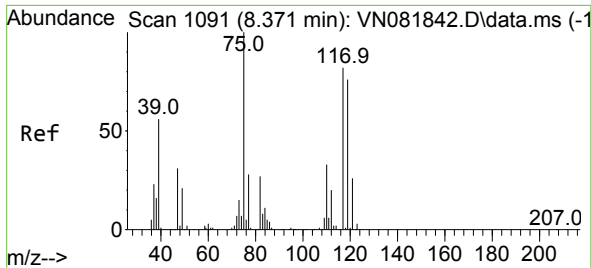
Ion Ratio Lower Upper

113 100

111 100.9 83.4 125.2

192 17.0 14.0 21.0

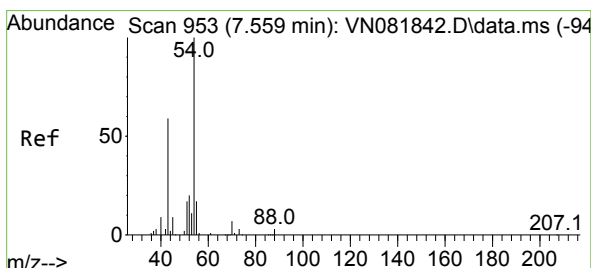
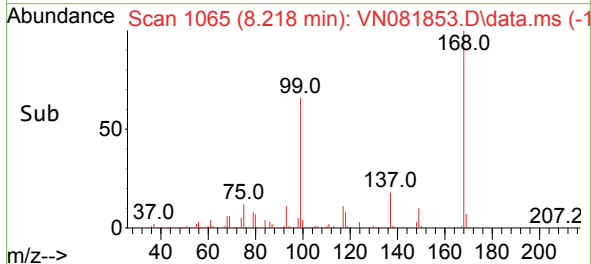
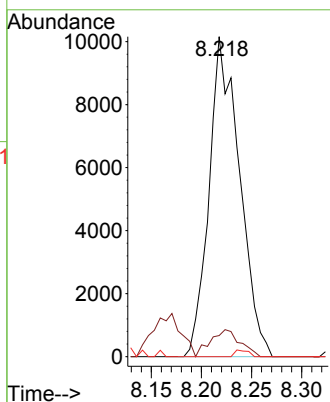
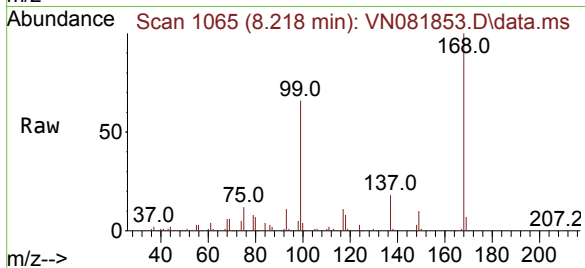




#36
1,1-Dichloropropene
Concen: 5.686 ug/l
RT: 8.218 min Scan# 1091
Delta R.T. -0.153 min
Lab File: VN081853.D
Acq: 25 Apr 2024 16:17

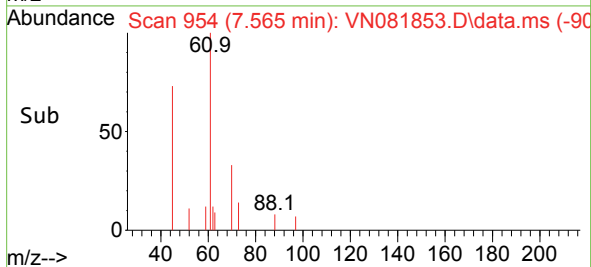
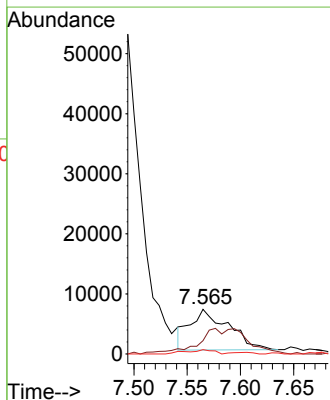
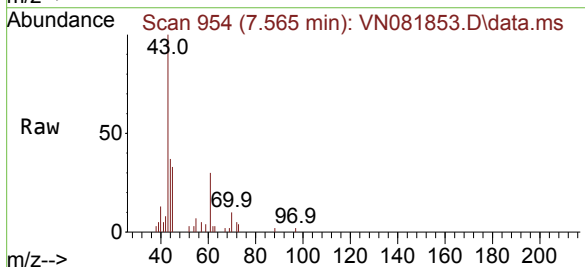
Instrument :
MSVOA_N
ClientSampleId :
41A

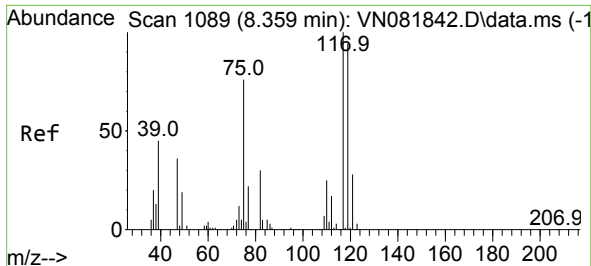
Tgt Ion: 75 Resp: 21434
Ion Ratio Lower Upper
75 100
110 8.2 17.8 53.5#
77 0.9 25.0 37.4#



#37
Ethyl Acetate
Concen: 4.187 ug/l
RT: 7.565 min Scan# 954
Delta R.T. 0.006 min
Lab File: VN081853.D
Acq: 25 Apr 2024 16:17

Tgt Ion: 43 Resp: 17068
Ion Ratio Lower Upper
43 100
61 41.4 11.3 16.9#
70 7.6 8.7 13.1#

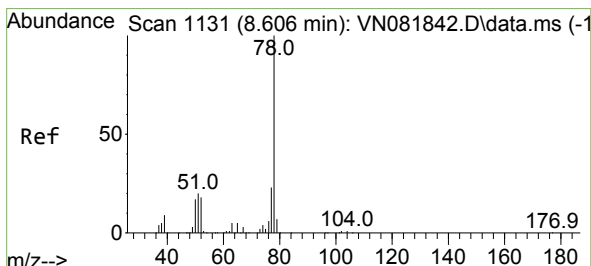
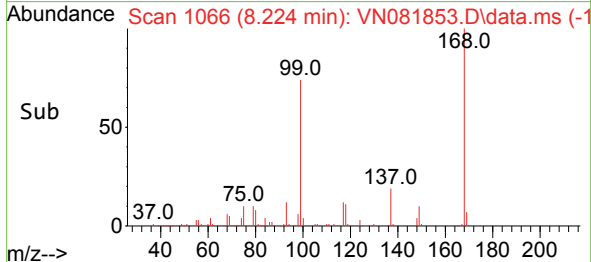
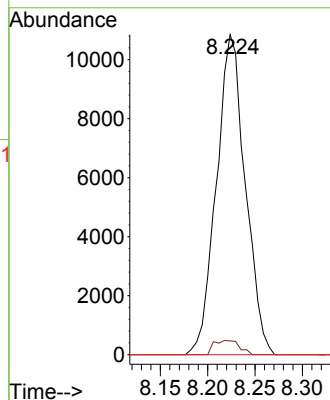
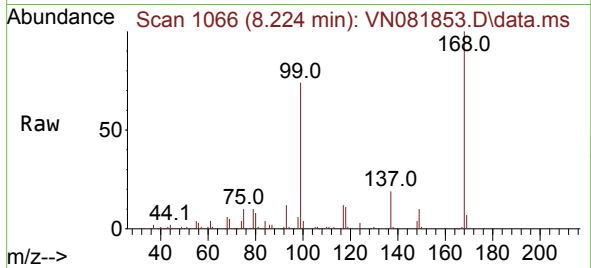




#38
Carbon Tetrachloride
Concen: 6.247 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN081853.D
Acq: 25 Apr 2024 16:17

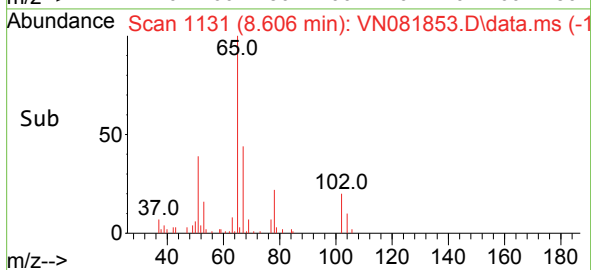
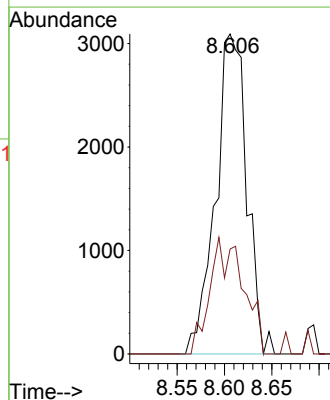
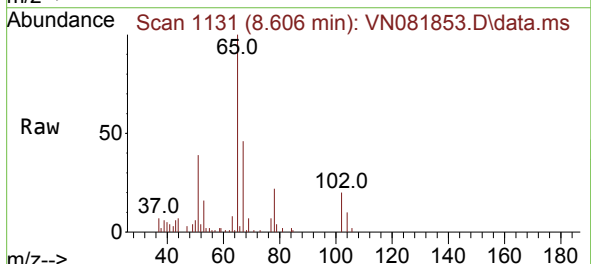
Instrument :
MSVOA_N
ClientSampleId :
41A

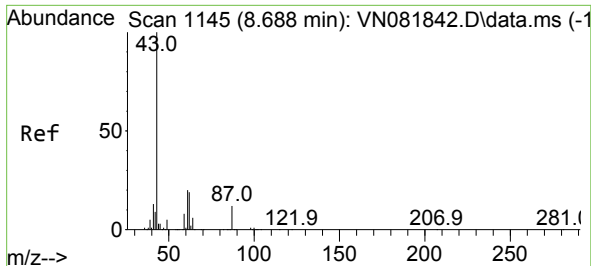
Tgt Ion:117 Resp: 23016
Ion Ratio Lower Upper
117 100
119 4.3 76.5 114.7#
121 0.0 23.9 35.9#



#40
Benzene
Concen: 0.625 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN081853.D
Acq: 25 Apr 2024 16:17

Tgt Ion: 78 Resp: 7078
Ion Ratio Lower Upper
78 100
77 32.8 20.0 30.0#





#43

Isopropyl Acetate

Concen: 0.592 ug/l

RT: 8.682 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VN081853.D

Acq: 25 Apr 2024 16:17

Instrument :

MSVOA_N

ClientSampleId :

41A

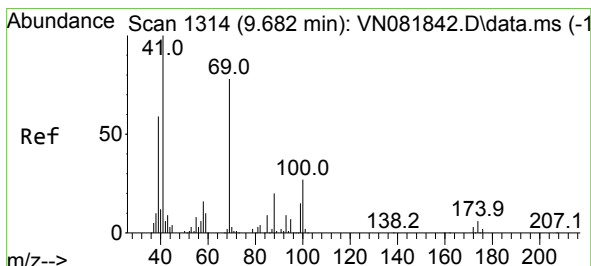
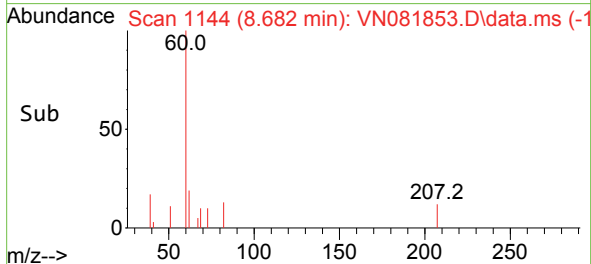
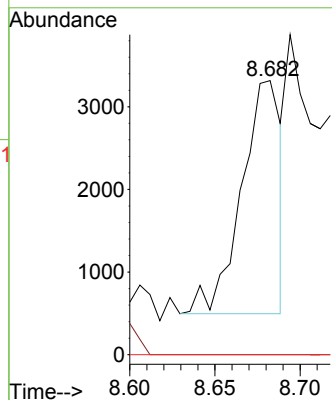
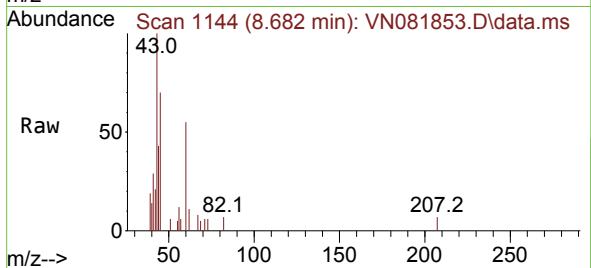
Tgt Ion: 43 Resp: 4536

Ion Ratio Lower Upper

43 100

61 0.0 22.8 34.2#

87 0.0 12.0 18.0#



#48

Methyl methacrylate

Concen: 8.896 ug/l

RT: 9.659 min Scan# 1310

Delta R.T. -0.024 min

Lab File: VN081853.D

Acq: 25 Apr 2024 16:17

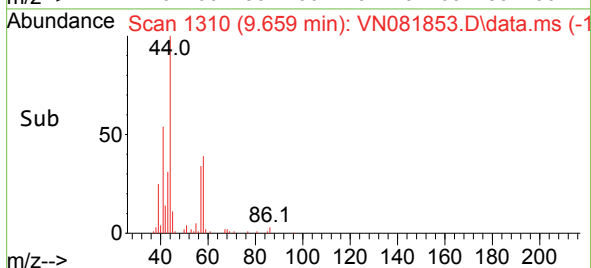
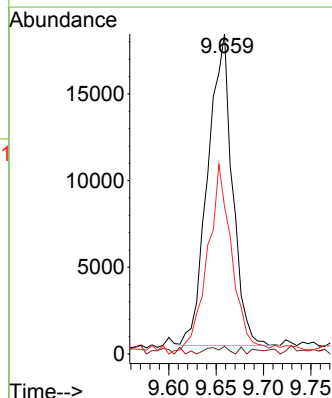
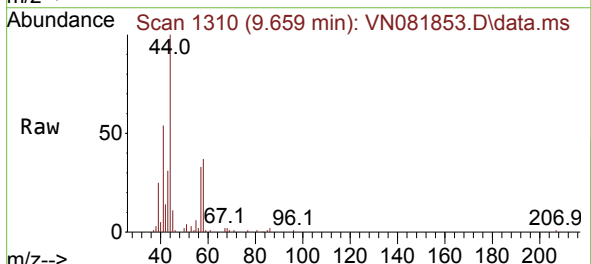
Tgt Ion: 41 Resp: 32546

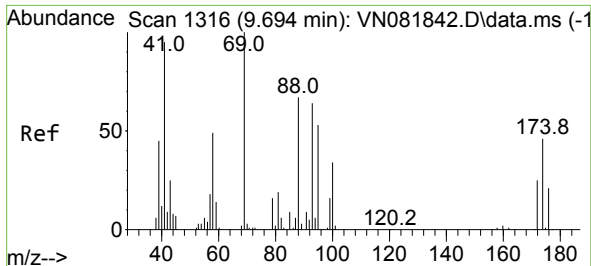
Ion Ratio Lower Upper

41 100

69 1.8 77.9 116.9#

39 62.0 50.9 76.3





#49

1,4-Dioxane

Concen: 22.586 ug/l

RT: 9.706 min Scan# 11

Delta R.T. 0.012 min

Lab File: VN081853.D

Acq: 25 Apr 2024 16:17

Instrument :

MSVOA_N

ClientSampleId :

41A

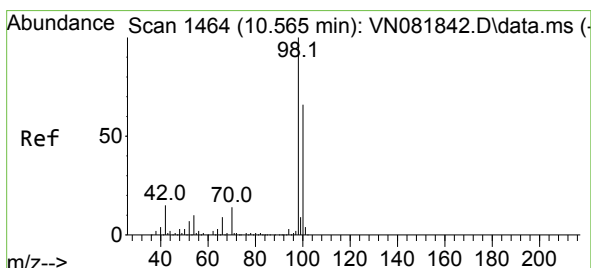
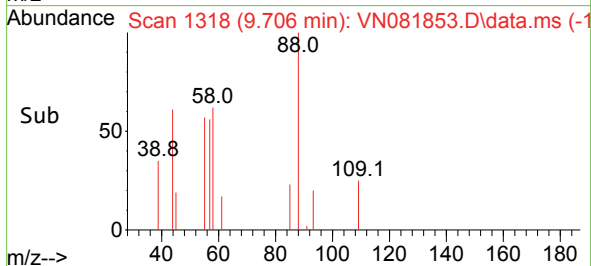
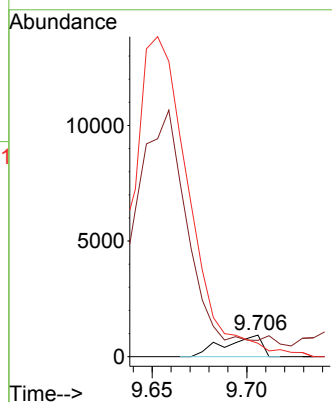
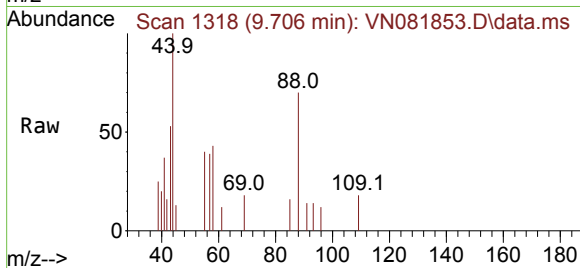
Tgt Ion: 88 Resp: 1256

Ion Ratio Lower Upper

88 100

43 0.0 19.0 28.6#

58 0.0 50.6 76.0#



#50

Toluene-d8

Concen: 52.170 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN081853.D

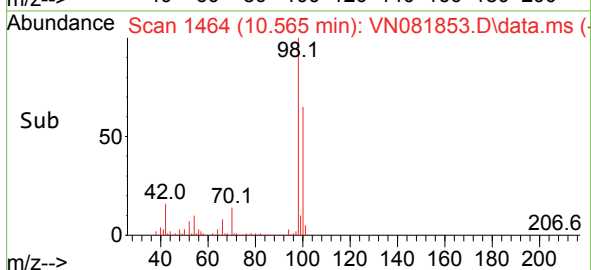
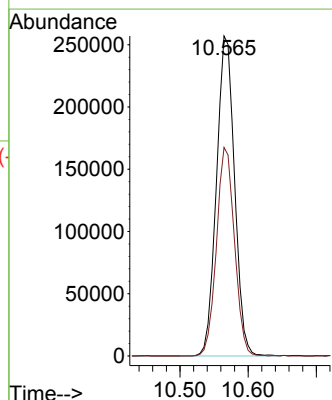
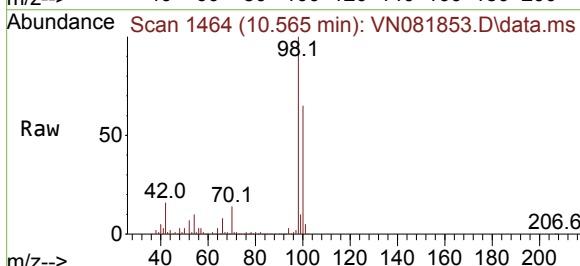
Acq: 25 Apr 2024 16:17

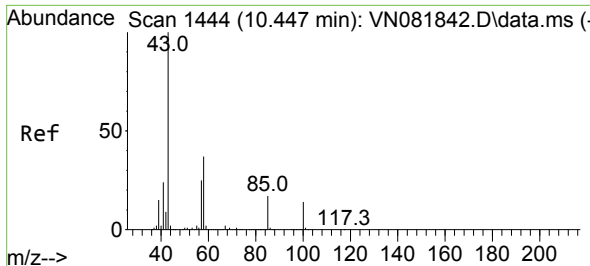
Tgt Ion: 98 Resp: 474785

Ion Ratio Lower Upper

98 100

100 64.8 51.8 77.6

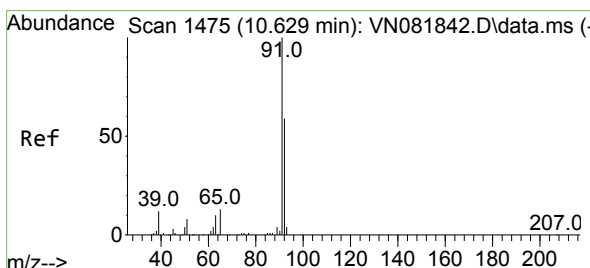
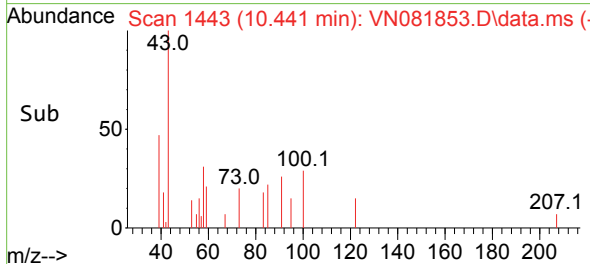
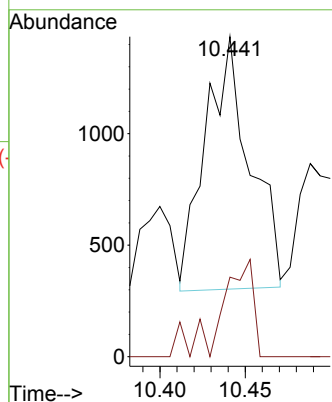
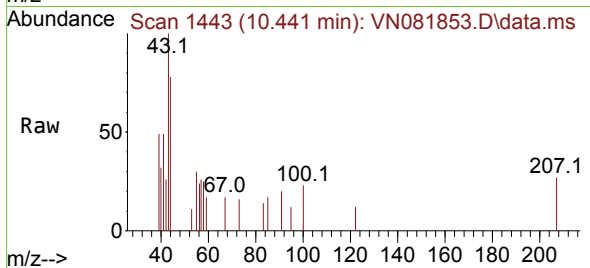




#51
4-Methyl-2-Pentanone
Concen: 0.479 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN081853.D
Acq: 25 Apr 2024 16:17

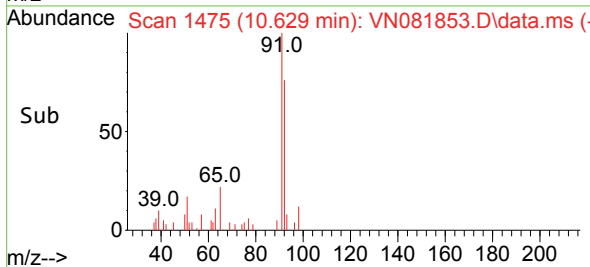
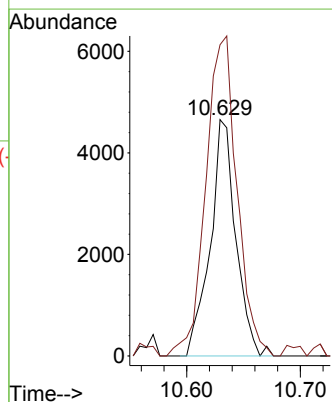
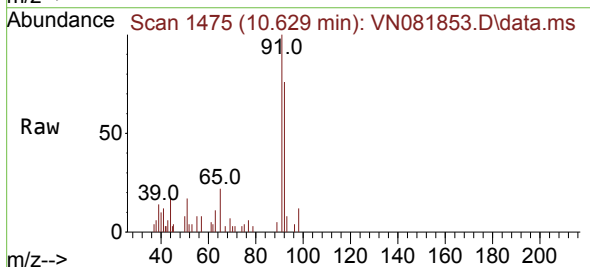
Instrument :
MSVOA_N
ClientSampleId :
41A

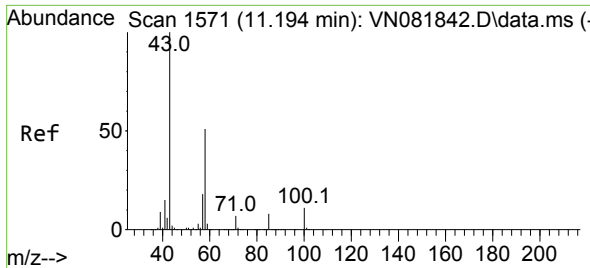
Tgt Ion: 43 Resp: 2068
Ion Ratio Lower Upper
43 100
58 25.4 33.2 49.8#



#52
Toluene
Concen: 1.076 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN081853.D
Acq: 25 Apr 2024 16:17

Tgt Ion: 92 Resp: 7294
Ion Ratio Lower Upper
92 100
91 164.9 136.7 205.1

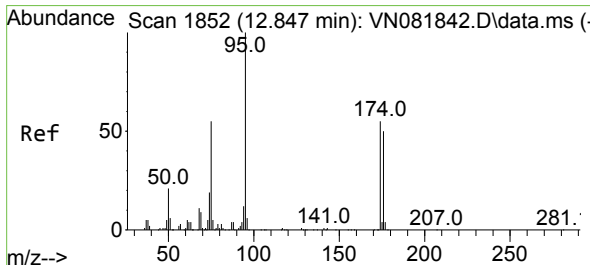
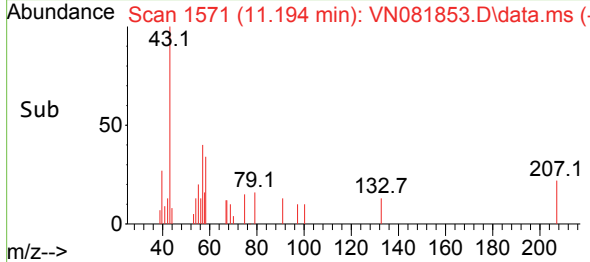
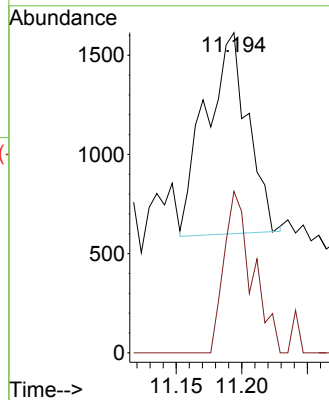
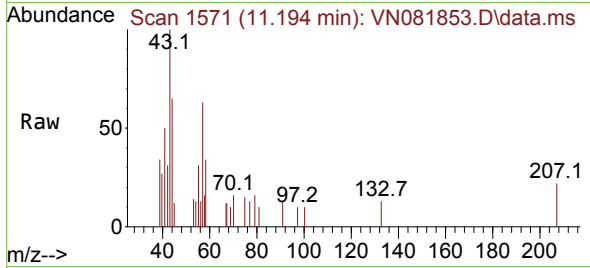




#59
2-Hexanone
Concen: 0.704 ug/l
RT: 11.194 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081853.D
Acq: 25 Apr 2024 16:17

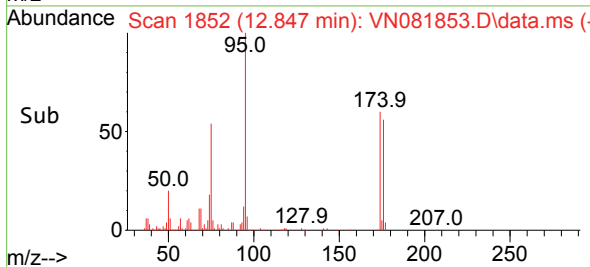
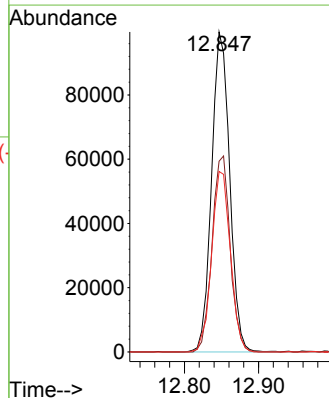
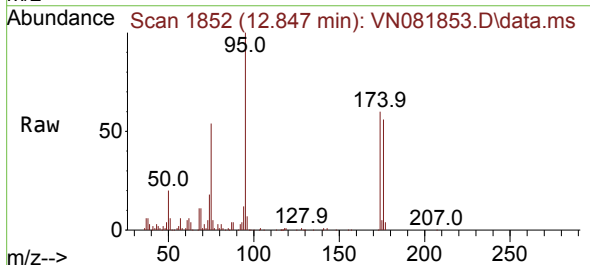
Instrument :
MSVOA_N
ClientSampleId :
41A

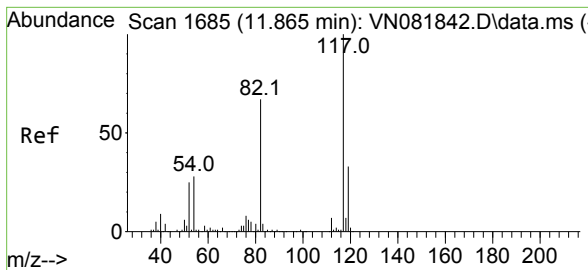
Tgt Ion: 43 Resp: 2262
Ion Ratio Lower Upper
43 100
58 54.1 28.3 84.9



#62
4-Bromofluorobenzene
Concen: 46.885 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN081853.D
Acq: 25 Apr 2024 16:17

Tgt Ion: 95 Resp: 168671
Ion Ratio Lower Upper
95 100
174 61.5 0.0 160.6
176 58.5 0.0 152.8

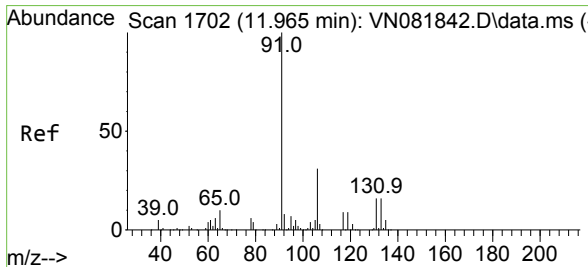
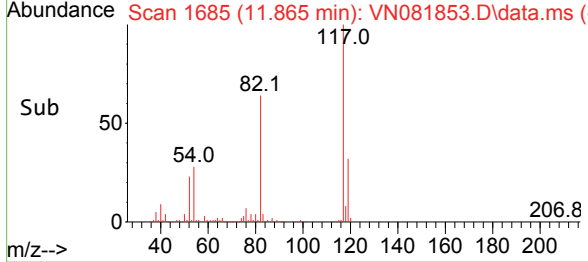
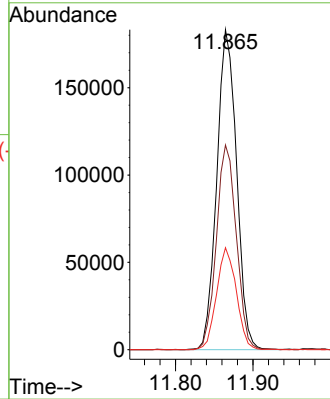
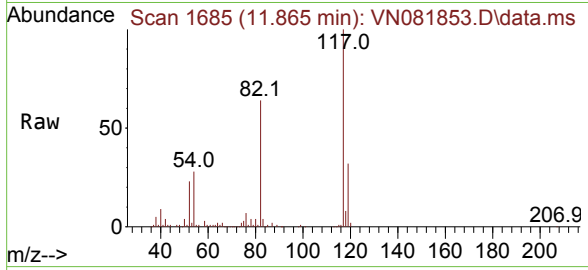




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN081853.D
Acq: 25 Apr 2024 16:17

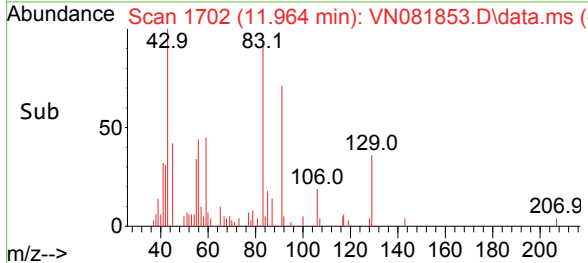
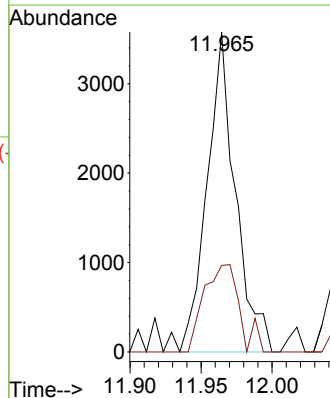
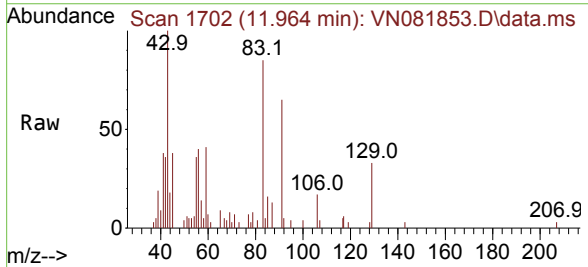
Instrument :
MSVOA_N
ClientSampleId :
41A

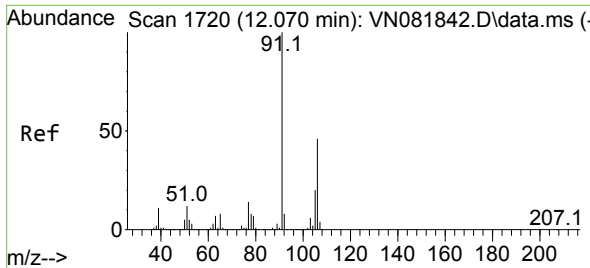
Tgt Ion:	117	Resp:	326292
Ion	Ratio	Lower	Upper
117	100		
82	64.0	44.6	66.8
119	31.9	25.9	38.9



#67
Ethyl Benzene
Concen: 0.374 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081853.D
Acq: 25 Apr 2024 16:17

Tgt Ion:	91	Resp:	4960
Ion	Ratio	Lower	Upper
91	100		
106	27.1	25.3	37.9

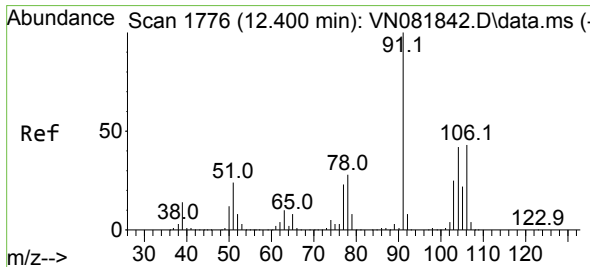
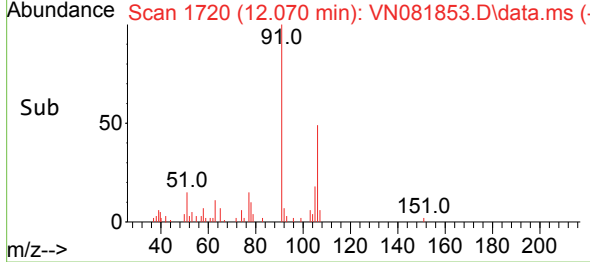
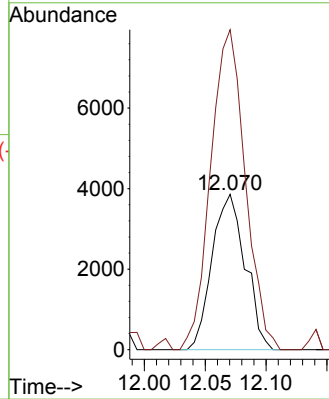
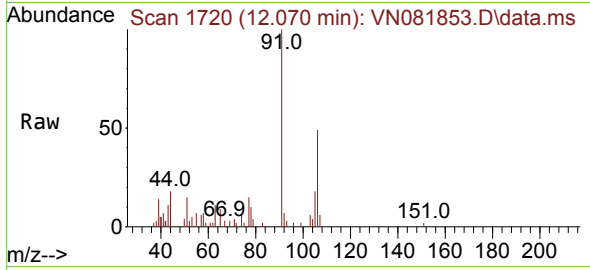




#68
m/p-Xylenes
Concen: 1.551 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081853.D
Acq: 25 Apr 2024 16:17

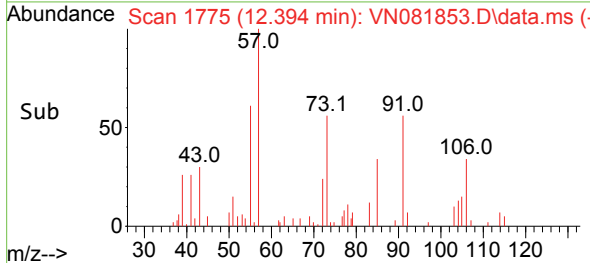
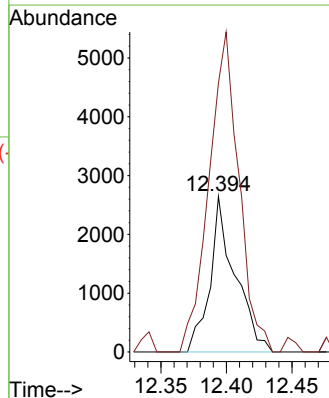
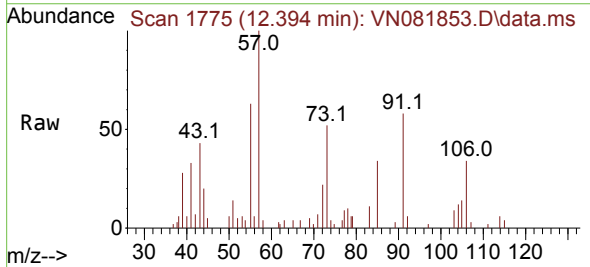
Instrument :
MSVOA_N
ClientSampleId :
41A

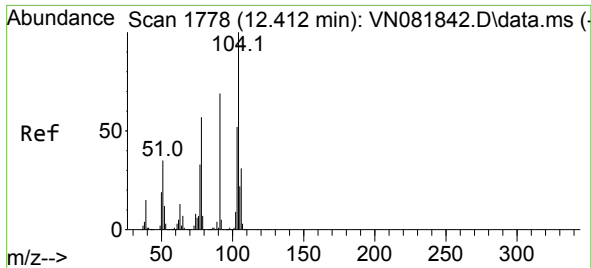
Tgt Ion:106 Resp: 7329
Ion Ratio Lower Upper
106 100
91 214.3 159.4 239.0



#69
o-Xylene
Concen: 0.764 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN081853.D
Acq: 25 Apr 2024 16:17

Tgt Ion:106 Resp: 3527
Ion Ratio Lower Upper
106 100
91 245.7 104.7 314.1

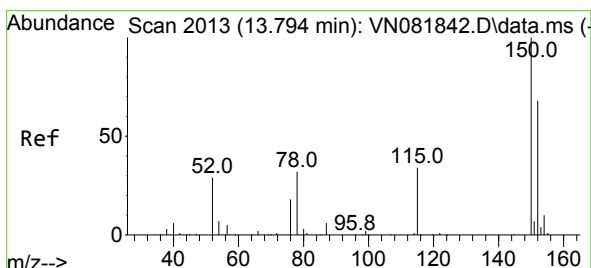
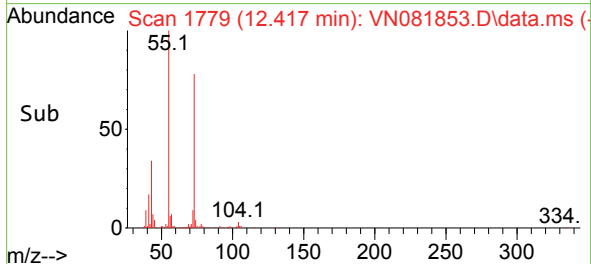
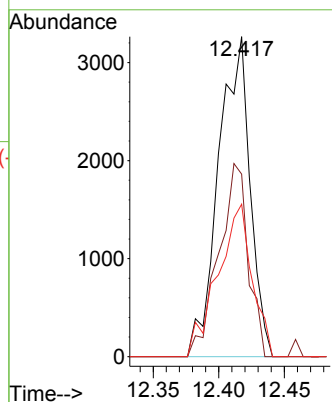
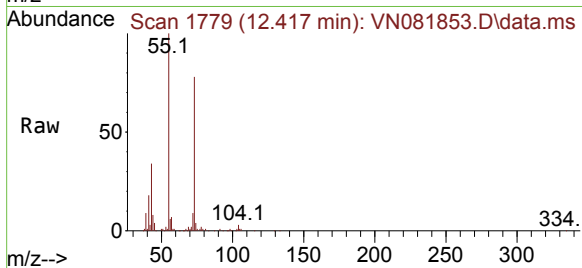




#70
Styrene
Concen: 0.683 ug/l
RT: 12.417 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081853.D
Acq: 25 Apr 2024 16:17

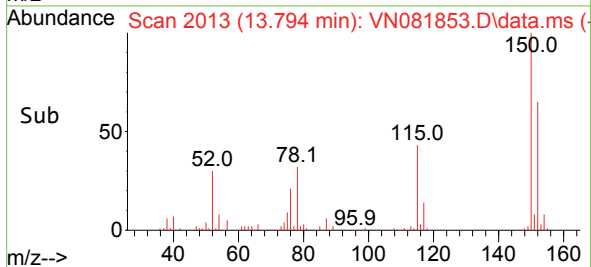
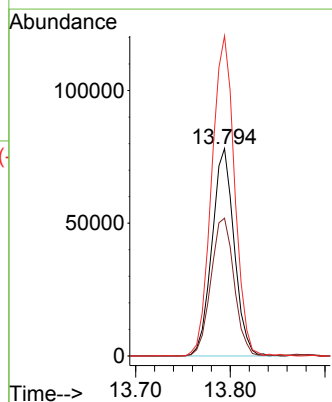
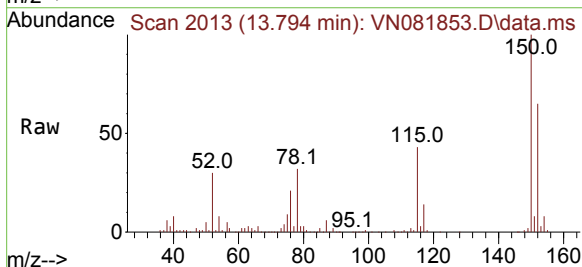
Instrument :
MSVOA_N
ClientSampleId :
41A

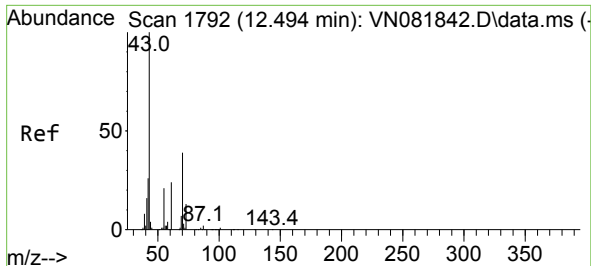
Tgt Ion:104 Resp: 5453
Ion Ratio Lower Upper
104 100
78 56.2 38.6 58.0
103 51.9 43.8 65.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081853.D
Acq: 25 Apr 2024 16:17

Tgt Ion:152 Resp: 127147
Ion Ratio Lower Upper
152 100
115 69.5 30.4 91.3
150 159.0 0.0 353.2

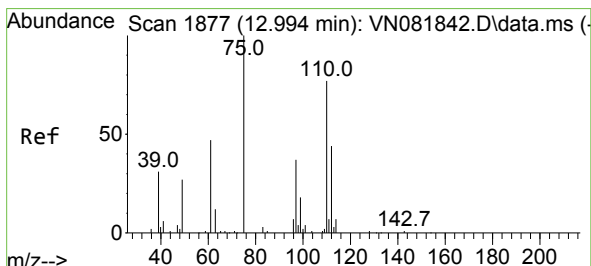
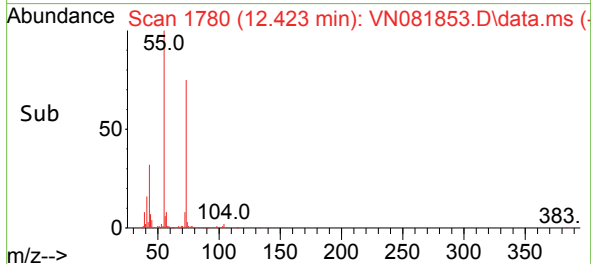
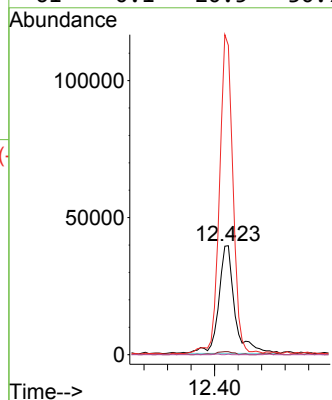
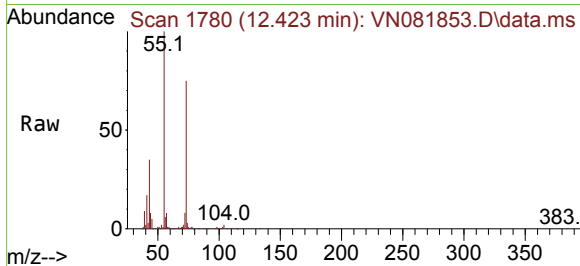




#74
N-amy1 acetate
Concen: 11.894 ug/l
RT: 12.423 min Scan# 11
Delta R.T. -0.071 min
Lab File: VN081853.D
Acq: 25 Apr 2024 16:17

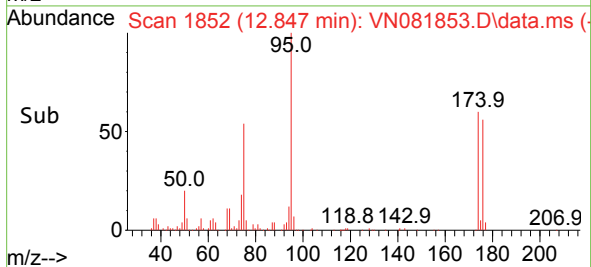
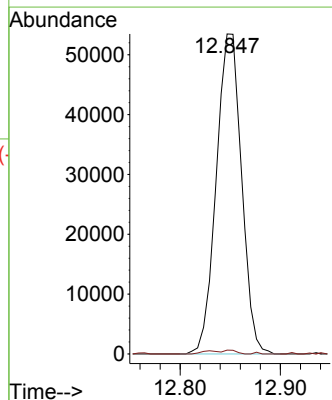
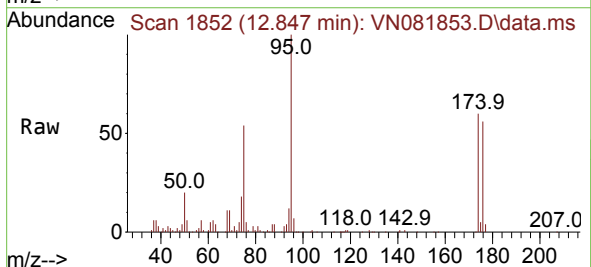
Instrument :
MSVOA_N
ClientSampleId :
41A

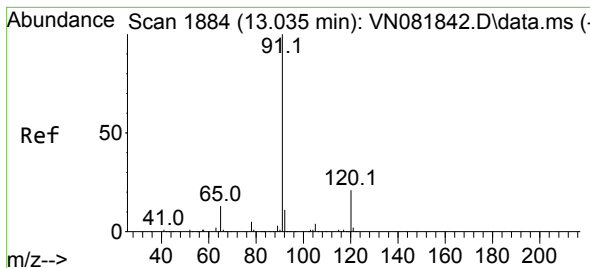
Tgt Ion: 43	Resp: 74859
Ion Ratio	Lower Upper
43 100	
70 3.3	39.0 58.4#
55 248.2	21.3 31.9#
61 0.1	20.5 30.7#



#76
1,2,3-Trichloropropane
Concen: 28.412 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN081853.D
Acq: 25 Apr 2024 16:17

Tgt Ion: 75	Resp: 93665
Ion Ratio	Lower Upper
75 100	
77 0.6	90.5 271.3#





#78

n-propylbenzene

Concen: 0.222 ug/l

RT: 13.041 min Scan# 1884

Delta R.T. 0.006 min

Lab File: VN081853.D

Acq: 25 Apr 2024 16:17

Instrument :

MSVOA_N

ClientSampleId :

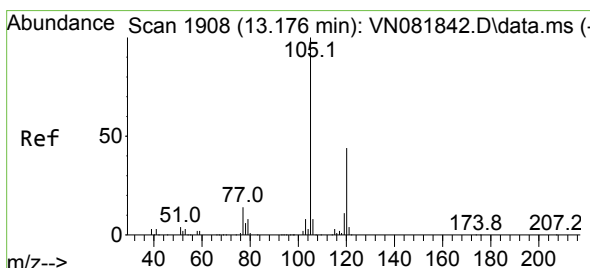
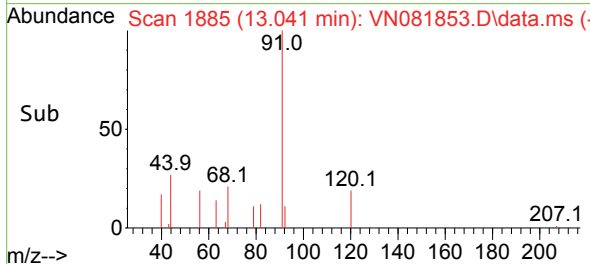
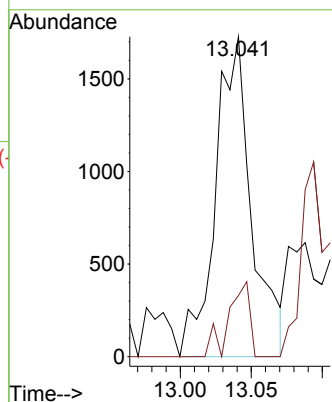
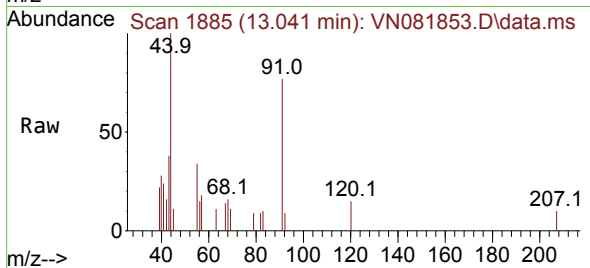
41A

Tgt Ion: 91 Resp: 3051

Ion Ratio Lower Upper

91 100

120 13.7 11.7 35.0



#80

1,3,5-Trimethylbenzene

Concen: 0.333 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VN081853.D

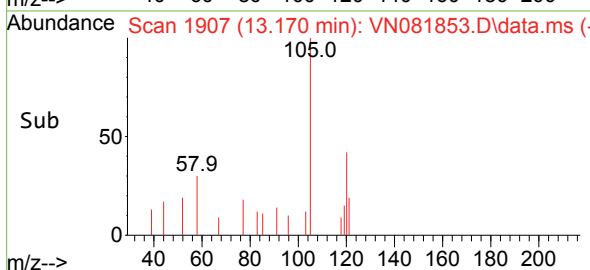
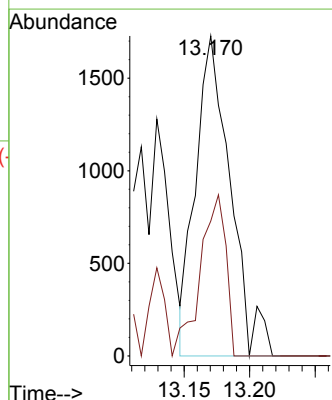
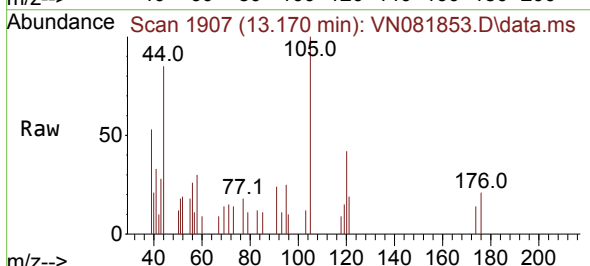
Acq: 25 Apr 2024 16:17

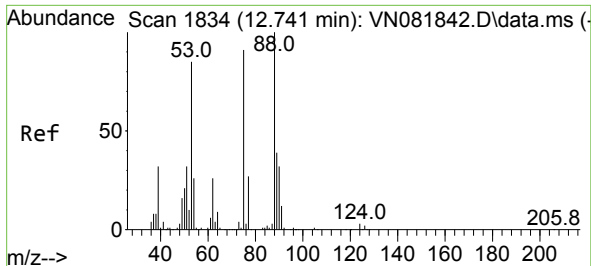
Tgt Ion: 105 Resp: 3181

Ion Ratio Lower Upper

105 100

120 37.1 24.8 74.3

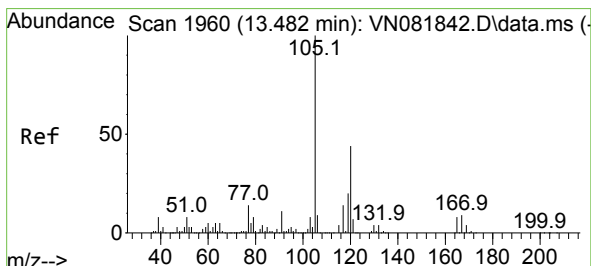
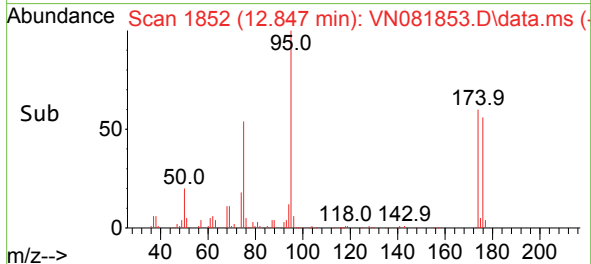
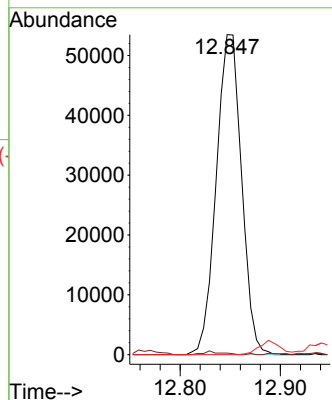
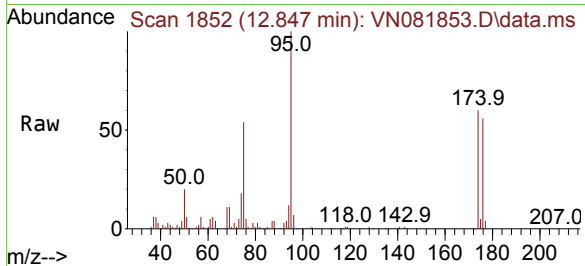




#81
trans-1,4-Dichloro-2-butene
Concen: 58.220 ug/l
RT: 12.847 min Scan# 1834
Delta R.T. 0.106 min
Lab File: VN081853.D
Acq: 25 Apr 2024 16:17

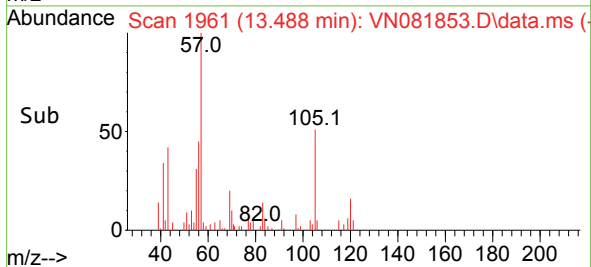
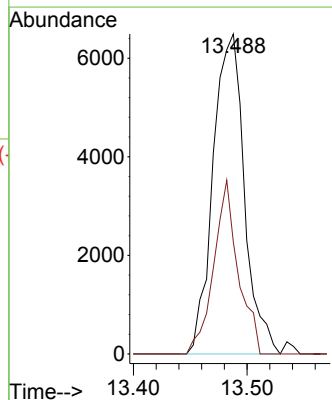
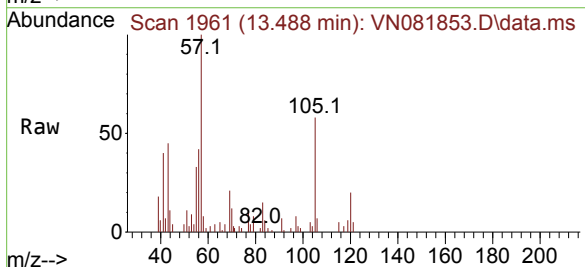
Instrument :
MSVOA_N
ClientSampleId :
41A

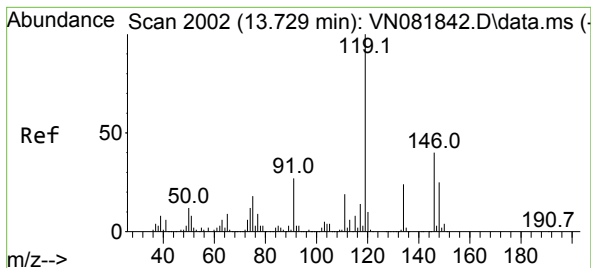
Tgt Ion: 75 Resp: 93665
Ion Ratio Lower Upper
75 100
53 0.8 72.9 109.3#
89 0.0 39.1 58.7#



#84
1,2,4-Trimethylbenzene
Concen: 1.302 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN081853.D
Acq: 25 Apr 2024 16:17

Tgt Ion: 105 Resp: 12441
Ion Ratio Lower Upper
105 100
120 42.5 22.9 68.7





#86

p-Isopropyltoluene

Concen: 0.201 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN081853.D

Acq: 25 Apr 2024 16:17

Instrument :

MSVOA_N

ClientSampleId :

41A

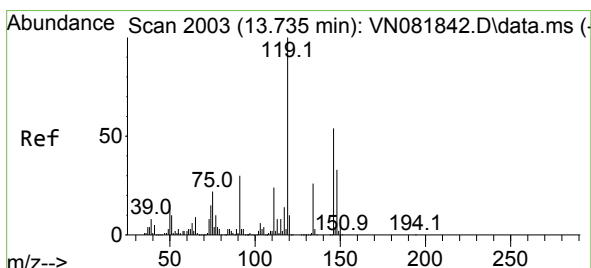
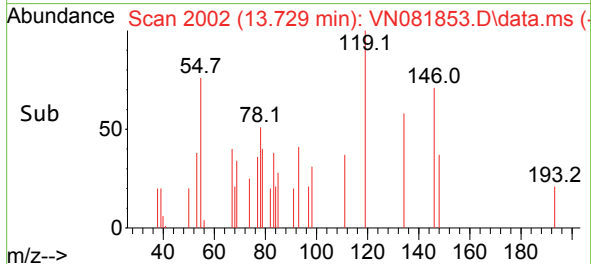
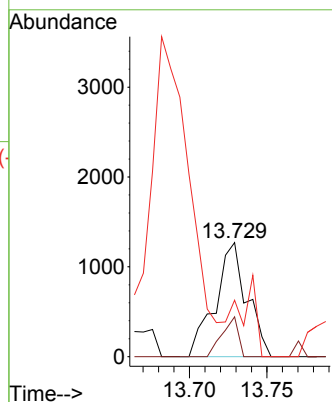
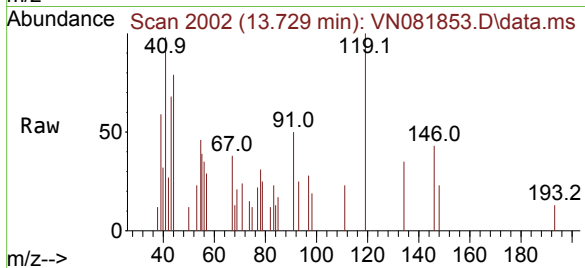
Tgt Ion:119 Resp: 1809

Ion Ratio Lower Upper

119 100

134 17.7 13.2 39.5

91 36.7 11.8 35.3#



#87

1,3-Dichlorobenzene

Concen: 0.212 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN081853.D

Acq: 25 Apr 2024 16:17

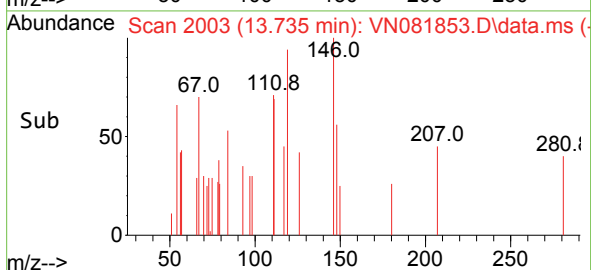
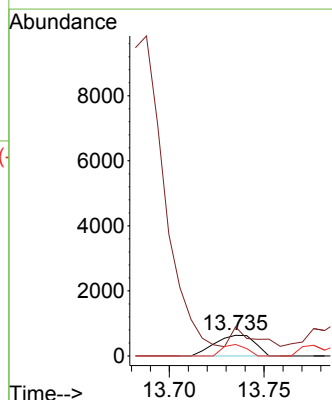
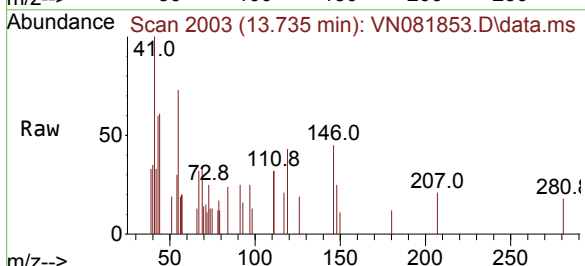
Tgt Ion:146 Resp: 937

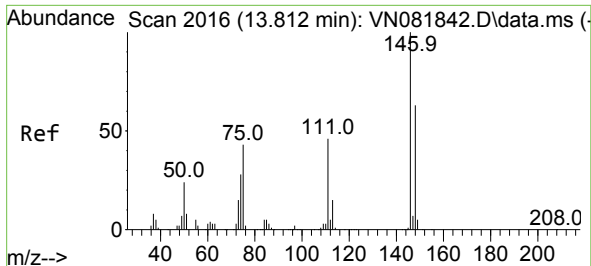
Ion Ratio Lower Upper

146 100

111 103.6 20.8 62.5#

148 32.8 32.1 96.3

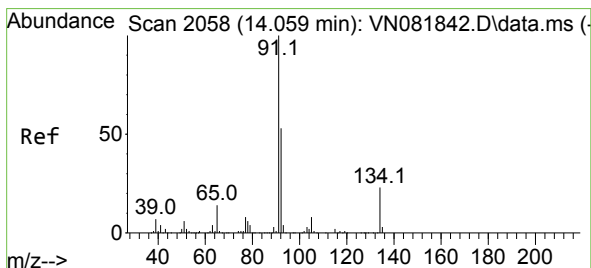
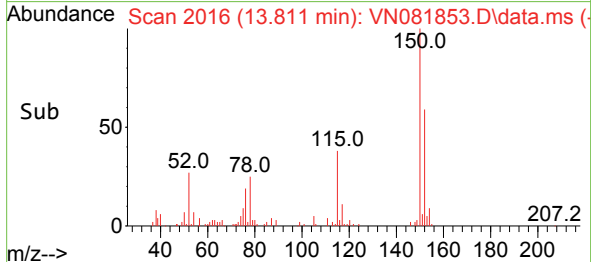
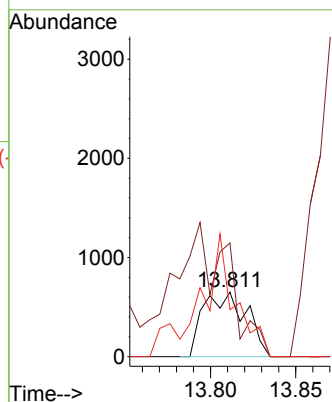
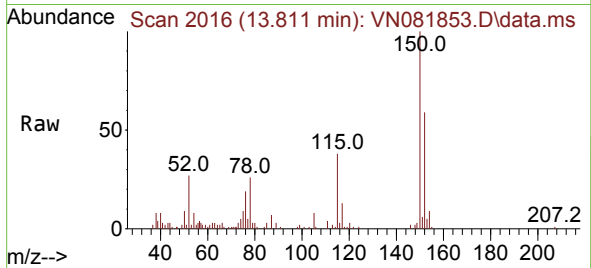




#88
1,4-Dichlorobenzene
Concen: 0.264 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN081853.D
Acq: 25 Apr 2024 16:17

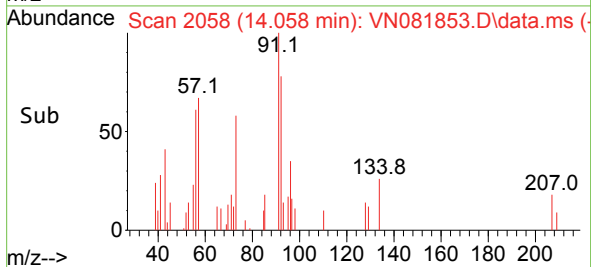
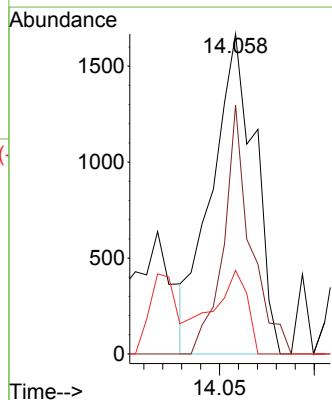
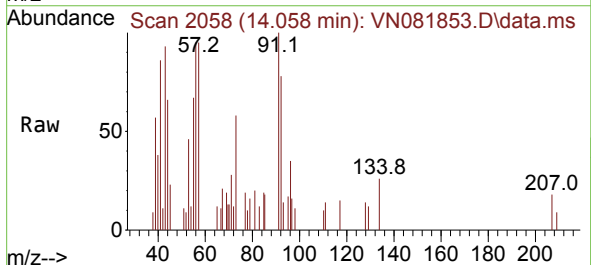
Instrument :
MSVOA_N
ClientSampleId :
41A

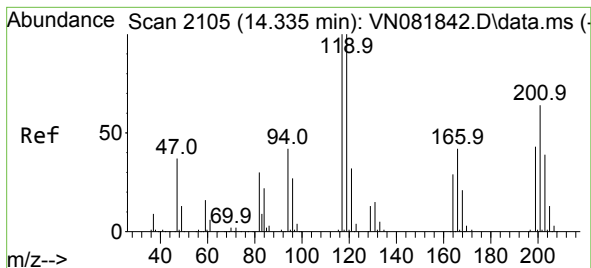
Tgt Ion:146 Resp: 1146
Ion Ratio Lower Upper
146 100
111 259.8 19.3 57.9#
148 156.5 31.3 93.9#



#89
n-Butylbenzene
Concen: 0.315 ug/l
RT: 14.058 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN081853.D
Acq: 25 Apr 2024 16:17

Tgt Ion: 91 Resp: 2641
Ion Ratio Lower Upper
91 100
92 48.8 26.2 78.5
134 19.8 13.2 39.5





#90

Hexachloroethane

Concen: 0.543 ug/l

RT: 14.300 min Scan# 2099

Delta R.T. -0.035 min

Lab File: VN081853.D

Acq: 25 Apr 2024 16:17

Instrument :

MSVOA_N

ClientSampleId :

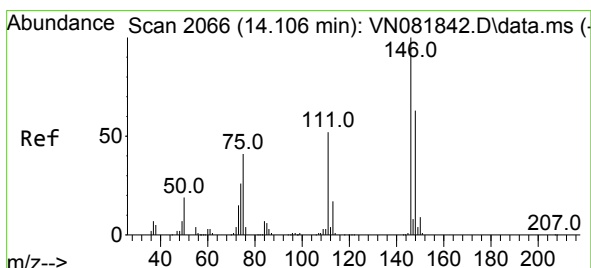
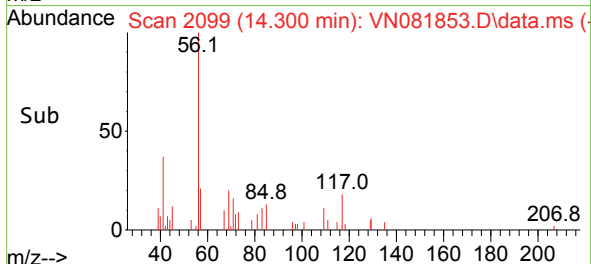
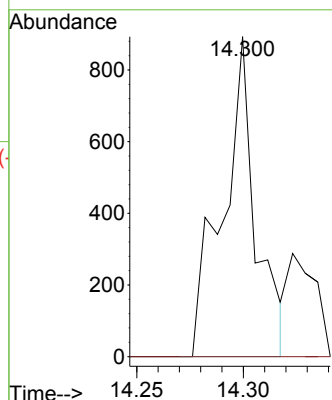
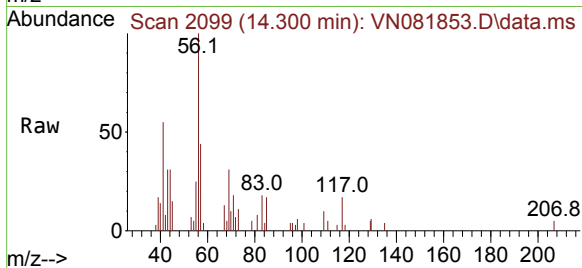
41A

Tgt Ion:117 Resp: 963

Ion Ratio Lower Upper

117 100

201 0.0 33.3 99.8#



#91

1,2-Dichlorobenzene

Concen: 0.211 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN081853.D

Acq: 25 Apr 2024 16:17

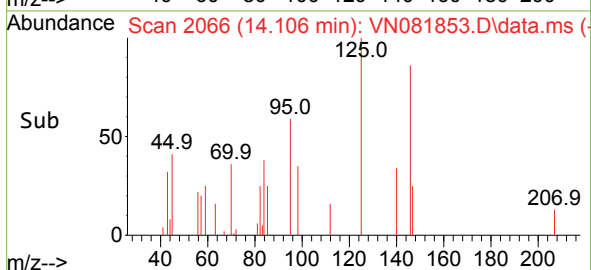
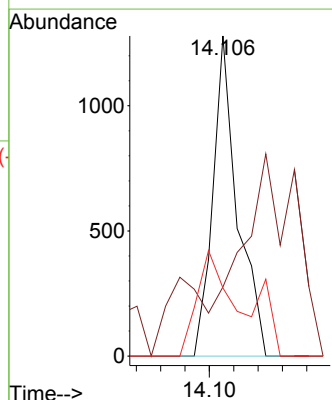
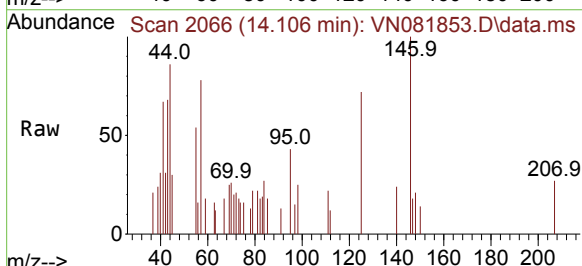
Tgt Ion:146 Resp: 894

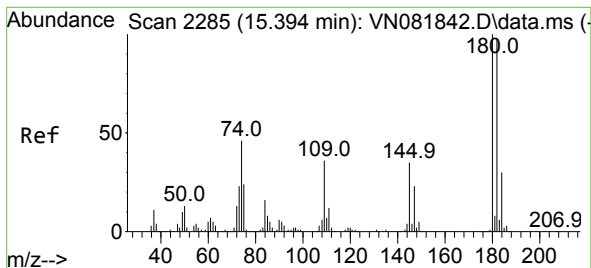
Ion Ratio Lower Upper

146 100

111 37.7 21.3 64.0

148 60.4 31.8 95.4





#93

1,2,4-Trichlorobenzene

Concen: 0.492 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN081853.D

Acq: 25 Apr 2024 16:17

Instrument :

MSVOA_N

ClientSampleId :

41A

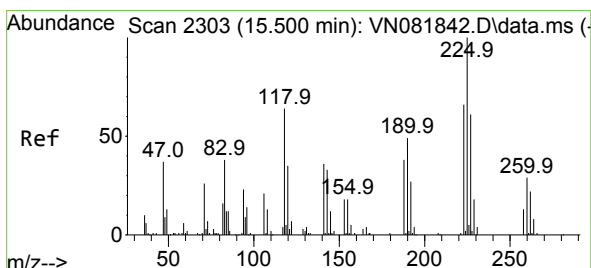
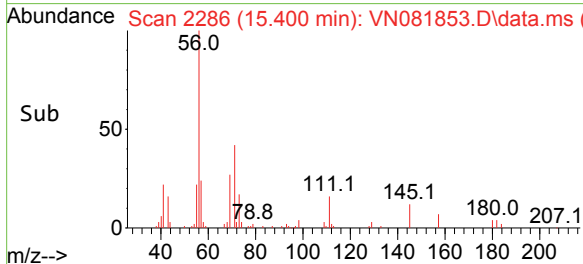
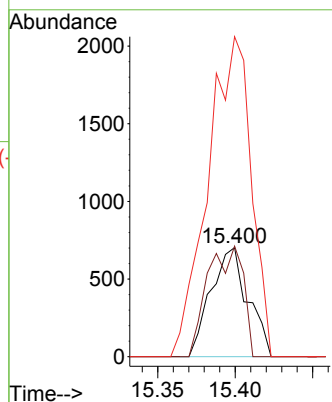
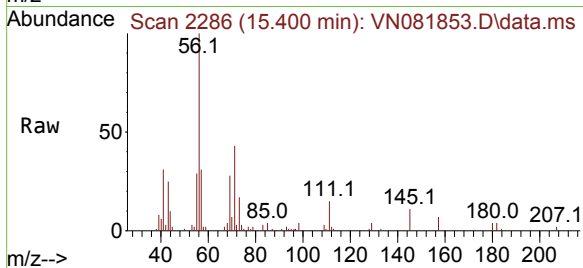
Tgt Ion:180 Resp: 1164

Ion Ratio Lower Upper

180 100

182 97.4 46.7 140.0

145 344.4 16.2 48.6#



#94

Hexachlorobutadiene

Concen: 0.445 ug/l

RT: 15.511 min Scan# 2305

Delta R.T. 0.012 min

Lab File: VN081853.D

Acq: 25 Apr 2024 16:17

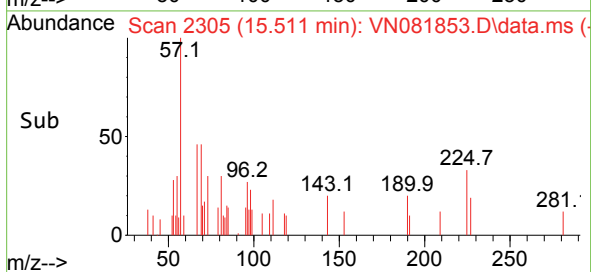
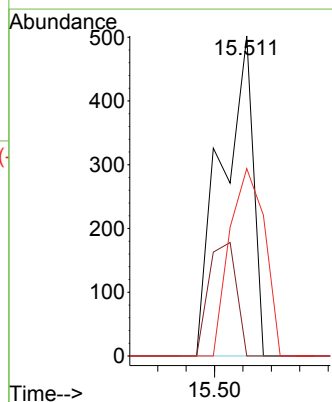
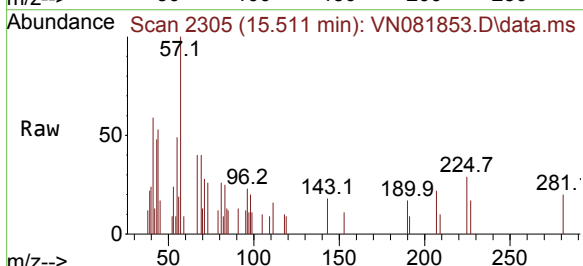
Tgt Ion:225 Resp: 388

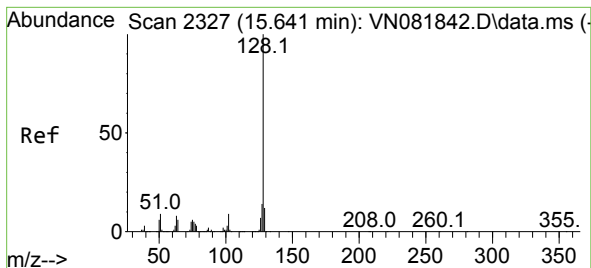
Ion Ratio Lower Upper

225 100

223 30.9 31.1 93.2#

227 65.2 30.6 91.6





#95

Naphthalene

Concen: 1.131 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN081853.D

Acq: 25 Apr 2024 16:17

Instrument :

MSVOA_N

ClientSampleId :

41A

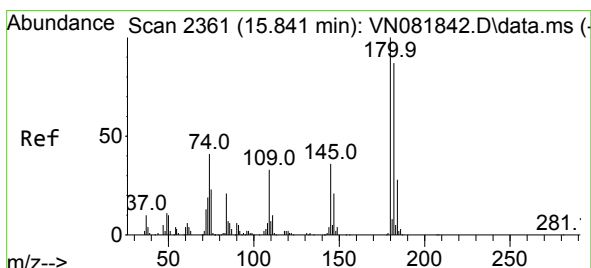
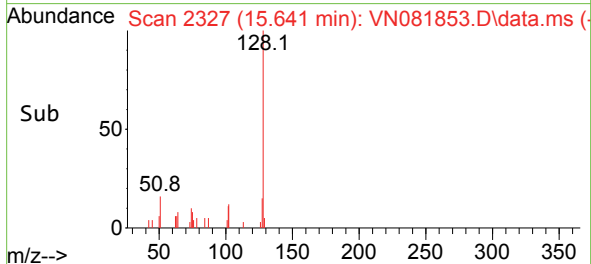
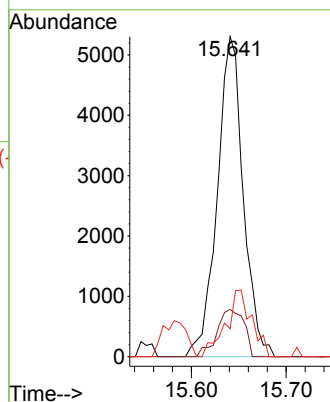
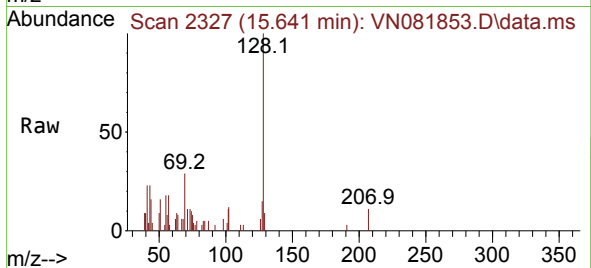
Tgt Ion:128 Resp: 10121

Ion Ratio Lower Upper

128 100

127 15.3 10.1 15.1#

129 20.7 8.9 13.3#



#96

1,2,3-Trichlorobenzene

Concen: 0.403 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN081853.D

Acq: 25 Apr 2024 16:17

Tgt Ion:180 Resp: 917

Ion Ratio Lower Upper

180 100

182 103.3 46.0 137.8

145 0.0 17.1 51.3#

