

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081823\
 Data File : VN078963.D
 Acq On : 18 Aug 2023 23:38
 Operator : JC\MD
 Sample : 04071-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 19 06:09:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	225985	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	435088	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	404475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	158369	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	177348	50.433	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.860%	
35) Dibromofluoromethane	8.171	113	146624	50.063	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.120%	
50) Toluene-d8	10.571	98	530769	48.807	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.620%	
62) 4-Bromofluorobenzene	12.853	95	174798	49.176	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.360%	

Target Compounds				Qvalue		
3) Chloromethane	2.365	50	1141	0.261	ug/l	99
11) Tert butyl alcohol	5.518	59	2772	4.698	ug/l #	72
13) Acrolein	4.183	56	599	8.304	ug/l #	43
16) Acetone	4.436	43	69172	47.673	ug/l #	86
17) Carbon Disulfide	4.712	76	1854	0.273	ug/l #	75
18) Methyl Acetate	5.036	43	7349	1.199	ug/l #	69
20) Methylene Chloride	5.277	84	18162	5.874	ug/l #	75
25) 2-Butanone	7.494	43	18157	7.805	ug/l #	80
29) Tetrahydrofuran	7.847	42	354	0.230	ug/l #	32
31) Cyclohexane	8.230	56	7260	Below Cal	#	26
36) 1,1-Dichloropropene	8.230	75	18956	4.303	ug/l #	52
37) Ethyl Acetate	7.571	43	5077	1.030	ug/l #	90
38) Carbon Tetrachloride	8.224	117	24448	5.538	ug/l #	15
39) Methylcyclohexane	9.606	83	861	0.212	ug/l #	81
40) Benzene	8.612	78	1037772	79.693	ug/l	99
43) Isopropyl Acetate	8.688	43	284743	32.682	ug/l #	68
48) Methyl methacrylate	9.665	41	7619	1.930	ug/l #	29
49) 1,4-Dioxane	9.735	88	55	0.818	ug/l #	30
51) 4-Methyl-2-Pentanone	10.447	43	48953	9.473	ug/l #	82
52) Toluene	10.635	92	636388	79.598	ug/l	99
54) cis-1,3-Dichloropropene	10.365	75	47727	8.702	ug/l #	72
55) 1,1,2-Trichloroethane	10.888	97	2874	0.897	ug/l #	16
56) Ethyl methacrylate	10.988	69	1578	0.318	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	6162	1.075	ug/l #	42
58) 2-Chloroethyl Vinyl ether	10.159	63	1100	0.461	ug/l #	42
59) 2-Hexanone	11.177	43	137992	36.869	ug/l #	19
67) Ethyl Benzene	11.965	91	73295	4.681	ug/l	99
68) m/p-Xylenes	12.071	106	153632	26.244	ug/l	99
69) o-Xylene	12.400	106	102726	18.039	ug/l	99
70) Styrene	12.412	104	42627	4.489	ug/l #	64
71) Bromoform	12.853	173	1554	0.657	ug/l #	1
74) N-amyl acetate	12.453	43	4255	0.638	ug/l #	37
76) 1,2,3-Trichloropropane	12.853	75	97942	25.667	ug/l #	1
78) n-propylbenzene	13.041	91	5222	0.341	ug/l	90
79) 2-Chlorotoluene	13.341	91	2271	0.239	ug/l	80
80) 1,3,5-Trimethylbenzene	13.176	105	15373	1.469	ug/l	94

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Quant Title : SW846 8260
QLast Update : Wed Aug 16 02:42:02 2023
Response via : Initial Calibration

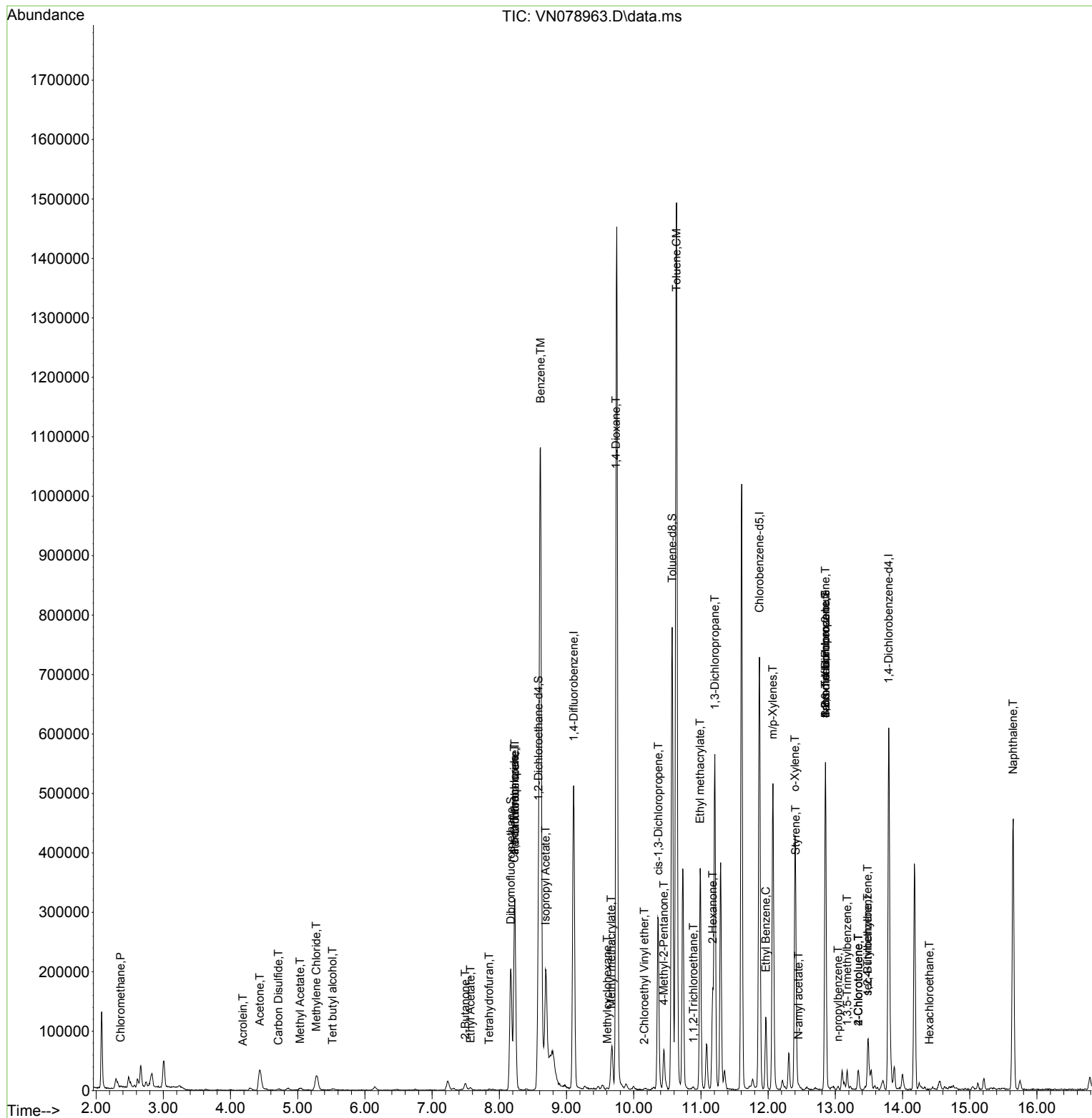
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-b...	12.853	75	97942	65.567	ug/l #	15
82) 4-Chlorotoluene	13.341	91	2271	0.244	ug/l	78
84) 1,2,4-Trimethylbenzene	13.482	105	52224	5.040	ug/l	93
85) sec-Butylbenzene	13.482	105	52224	4.316	ug/l #	57
90) Hexachloroethane	14.400	117	575	0.297	ug/l #	21
92) 1,2-Dibromo-3-Chloropr...	14.776	75	61	Below Cal	#	4
95) Naphthalene	15.647	128	411670	56.078	ug/l	98

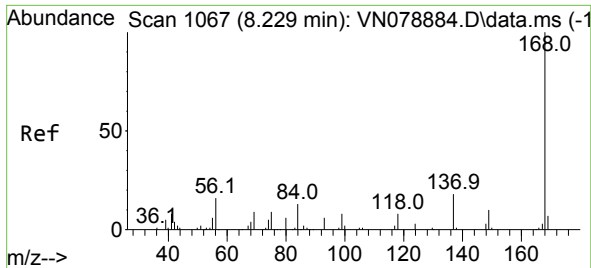
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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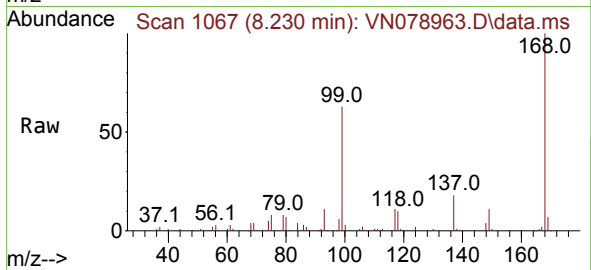
Quant Time: Aug 19 06:09:07 2023
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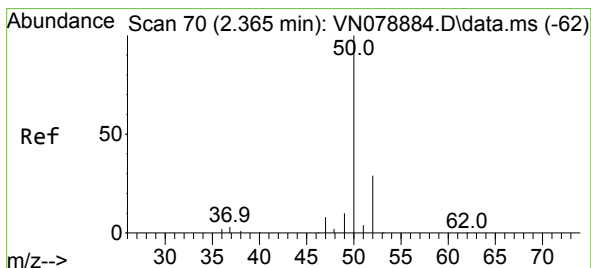
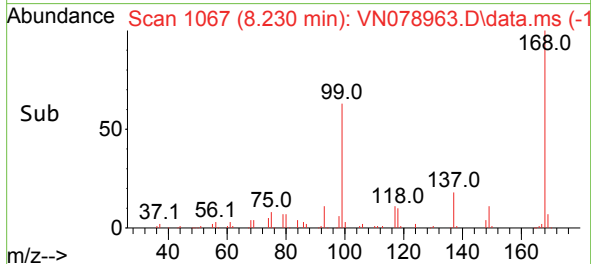
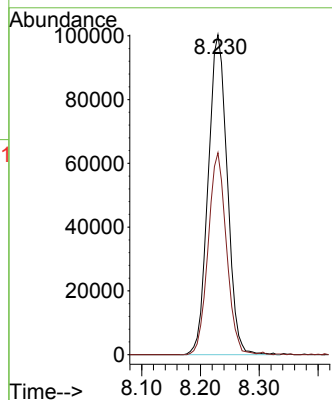


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN078963.D
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Instrument :
MSVOA_N
ClientSampleId :

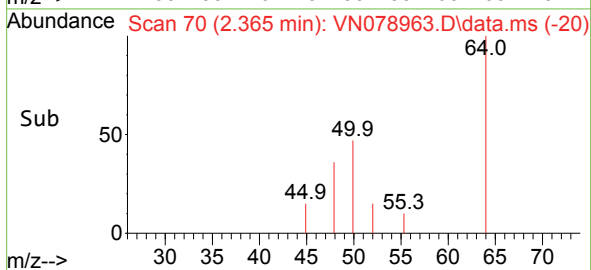
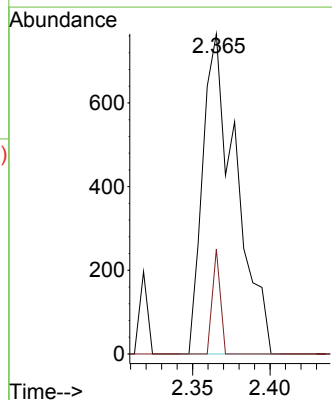
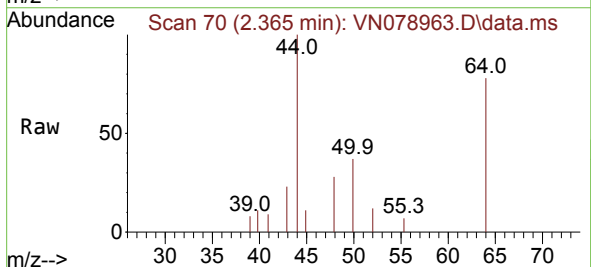


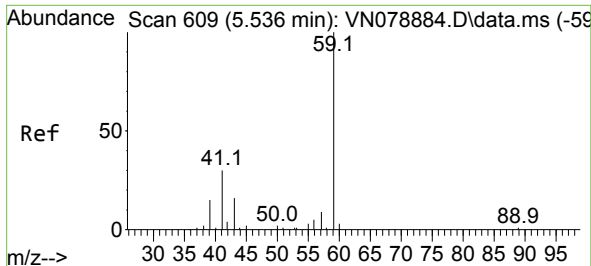
Tgt Ion:168 Resp: 225985
Ion Ratio Lower Upper
168 100
99 63.1 53.0 79.6



#3
Chloromethane
Concen: 0.261 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN078963.D
Acq: 18 Aug 2023 23:38

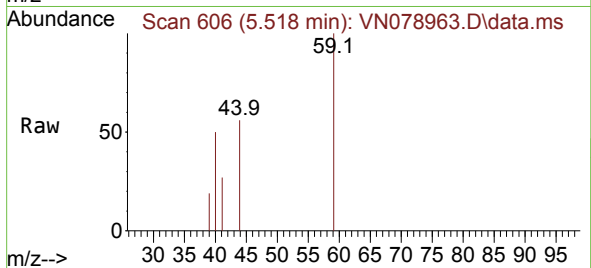
Tgt Ion: 50 Resp: 1141
Ion Ratio Lower Upper
50 100
52 32.8 26.5 39.7



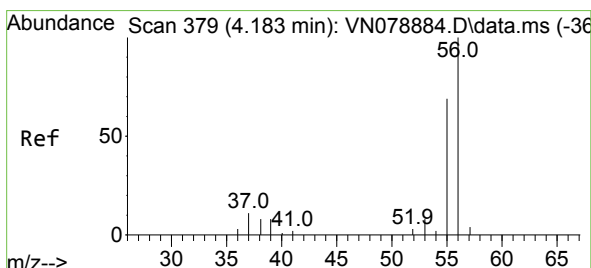
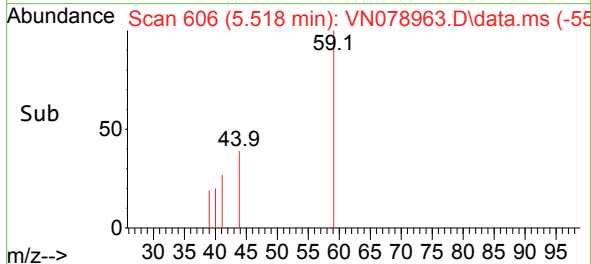
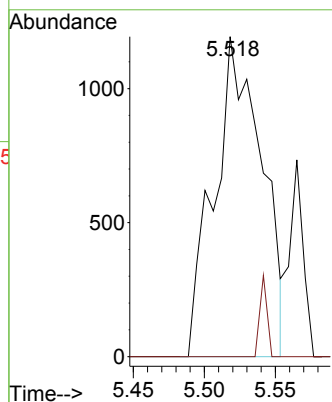


#11
Tert butyl alcohol
Concen: 4.698 ug/l
RT: 5.518 min Scan# 609
Delta R.T. -0.024 min
Lab File: VN078963.D
Acq: 18 Aug 2023 23:38

Instrument :
MSVOA_N
ClientSampleId :

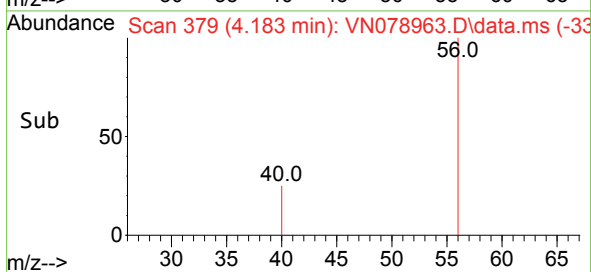
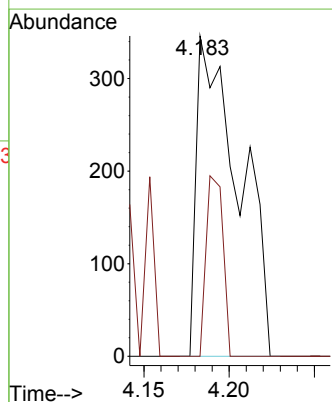
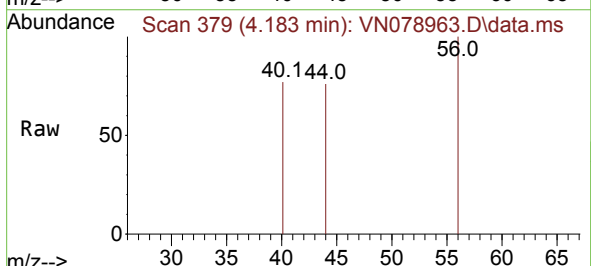


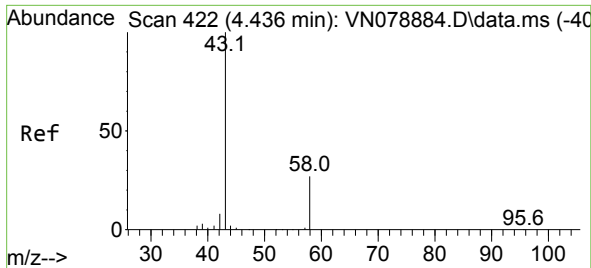
Tgt Ion: 59 Resp: 2772
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#13
Acrolein
Concen: 8.304 ug/l
RT: 4.183 min Scan# 379
Delta R.T. -0.012 min
Lab File: VN078963.D
Acq: 18 Aug 2023 23:38

Tgt Ion: 56 Resp: 599
Ion Ratio Lower Upper
56 100
55 22.2 54.5 81.7#





#16

Acetone

Concen: 47.673 ug/l

RT: 4.436 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN078963.D

Acq: 18 Aug 2023 23:38

Instrument :

MSVOA_N

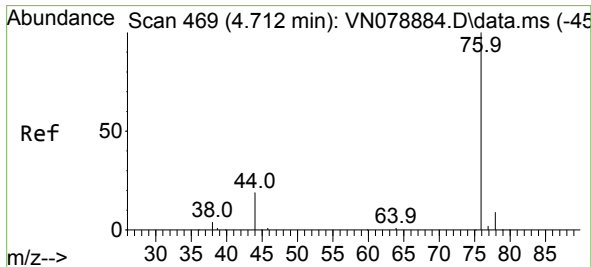
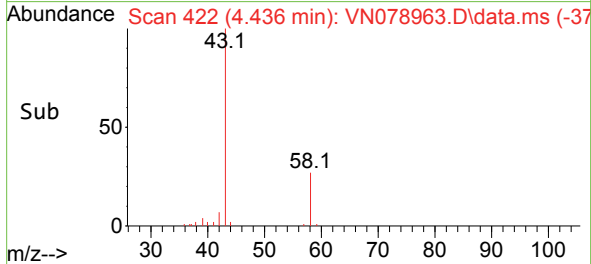
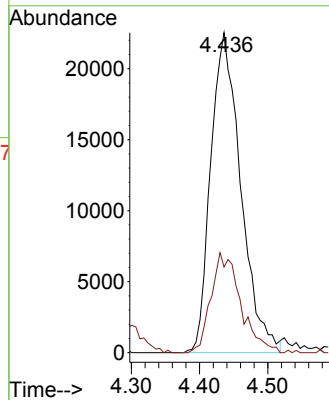
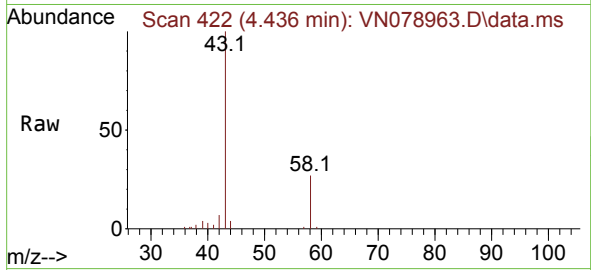
ClientSampleId :

Tgt Ion: 43 Resp: 69172

Ion Ratio Lower Upper

43 100

58 26.8 28.0 42.0#



#17

Carbon Disulfide

Concen: 0.273 ug/l

RT: 4.712 min Scan# 469

Delta R.T. -0.012 min

Lab File: VN078963.D

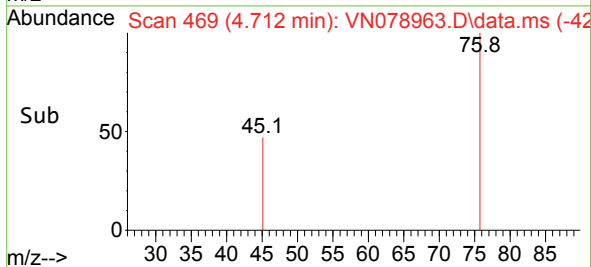
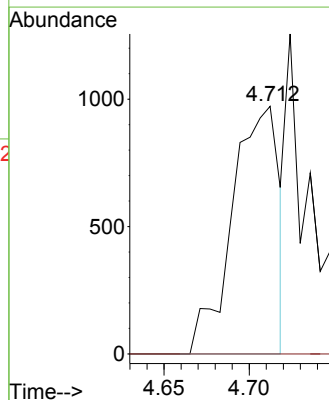
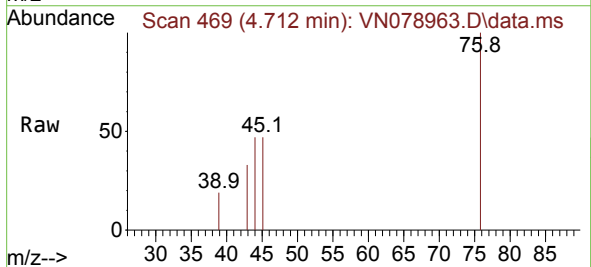
Acq: 18 Aug 2023 23:38

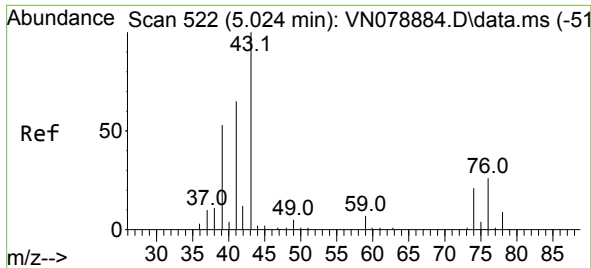
Tgt Ion: 76 Resp: 1854

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#

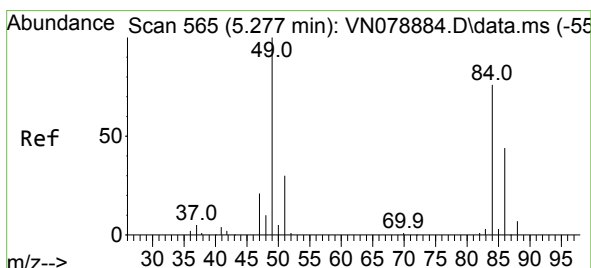
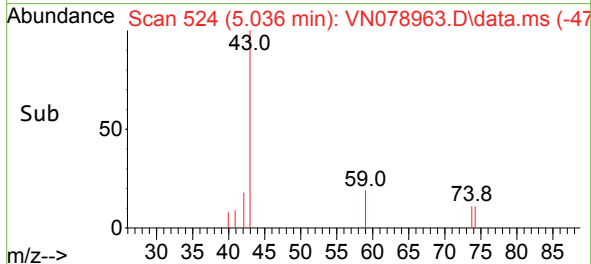
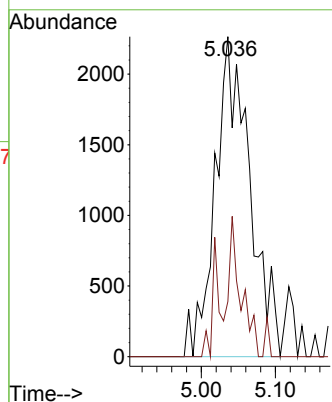
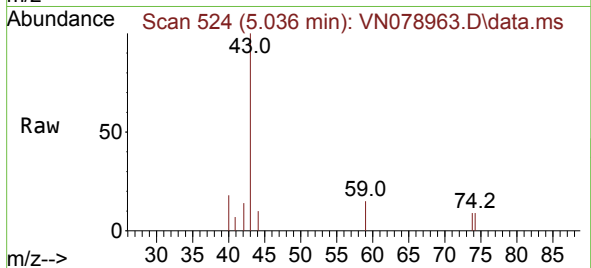




#18
Methyl Acetate
Concen: 1.199 ug/l
RT: 5.036 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN078963.D
Acq: 18 Aug 2023 23:38

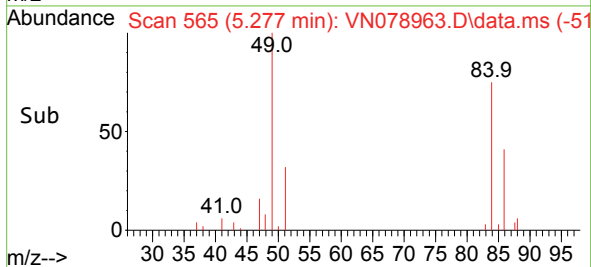
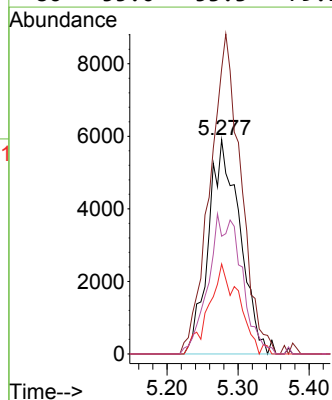
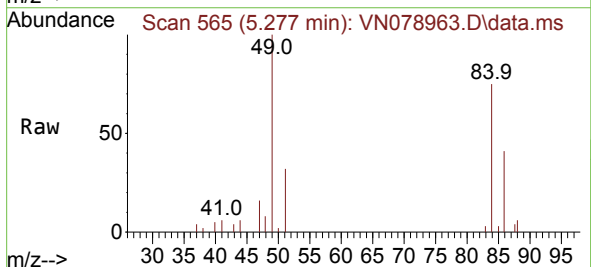
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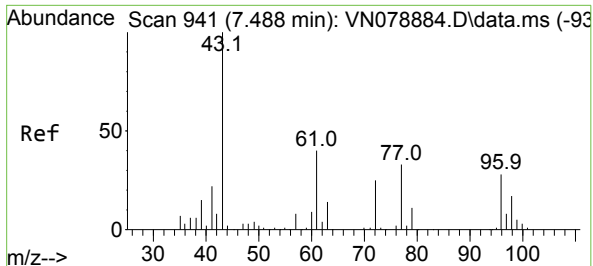
Tgt Ion: 43 Resp: 7349
Ion Ratio Lower Upper
43 100
74 15.3 26.2 39.4#



#20
Methylene Chloride
Concen: 5.874 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN078963.D
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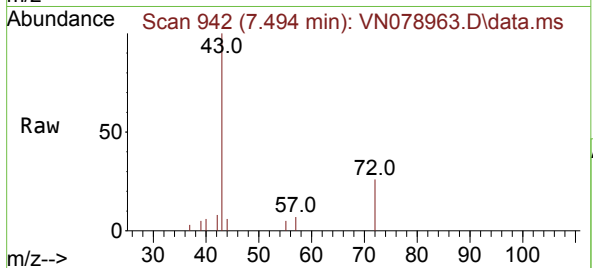
Tgt Ion: 84 Resp: 18162
Ion Ratio Lower Upper
84 100
49 133.1 79.7 119.5#
51 42.0 25.2 37.8#
86 55.0 53.3 79.9



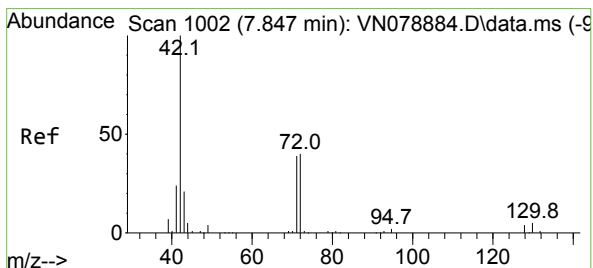
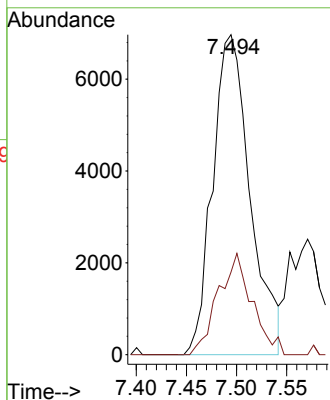
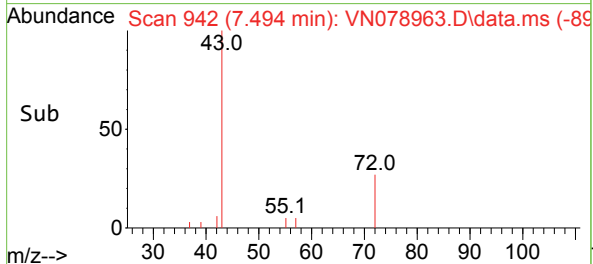


#25
2-Butanone
Concen: 7.805 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN078963.D
Acq: 18 Aug 2023 23:38

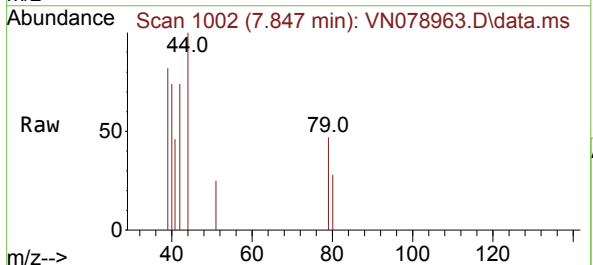
Instrument :
MSVOA_N
ClientSampleId :



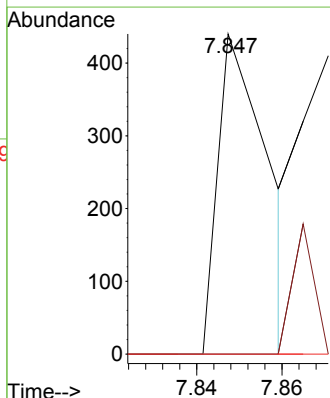
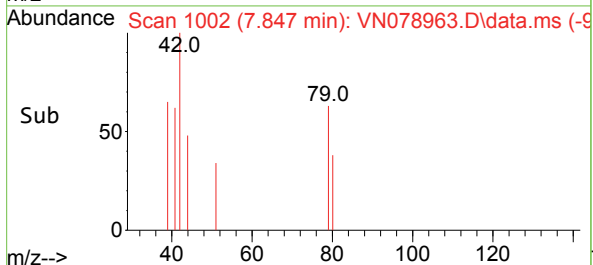
Tgt Ion: 43 Resp: 18157
Ion Ratio Lower Upper
43 100
72 25.8 30.2 45.2#

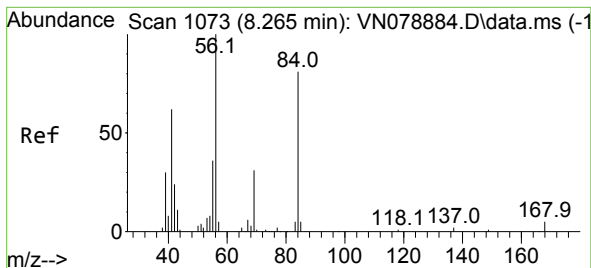


#29
Tetrahydrofuran
Concen: 0.230 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VN078963.D
Acq: 18 Aug 2023 23:38



Tgt Ion: 42 Resp: 354
Ion Ratio Lower Upper
42 100
72 17.8 49.8 74.6#
71 0.0 47.4 71.2#





#31

Cyclohexane

Concen: Below Cal

RT: 8.230 min Scan# 1067

Delta R.T. -0.035 min

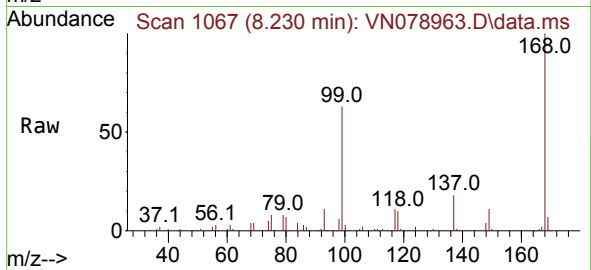
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Acq: 18 Aug 2023 23:38

Instrument :

MSVOA_N

ClientSampleId :



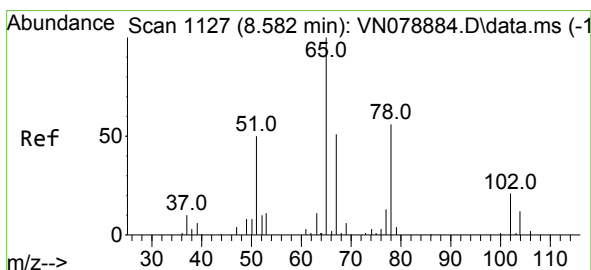
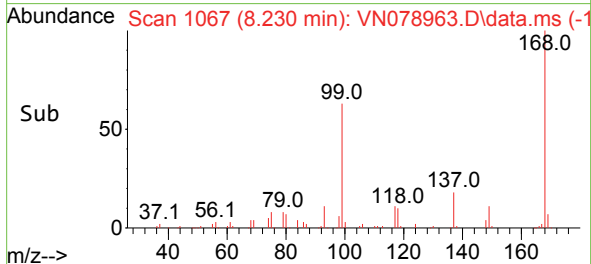
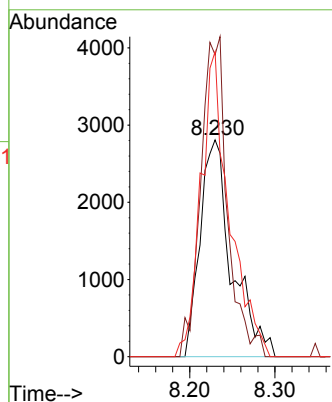
Tgt Ion: 56 Resp: 7260

Ion Ratio Lower Upper

56 100

69 139.3 26.8 40.2#

84 140.7 81.8 122.6#



#33

1,2-Dichloroethane-d4

Concen: 50.433 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN078963.D

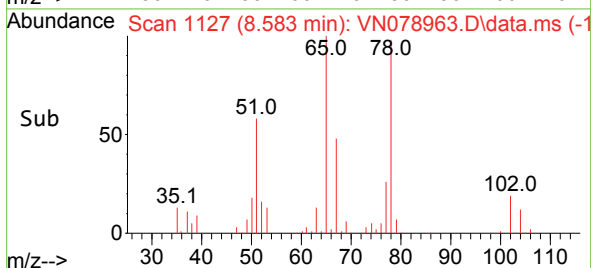
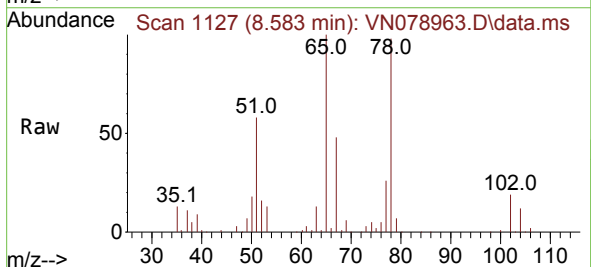
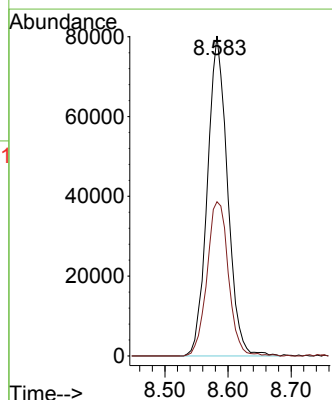
Acq: 18 Aug 2023 23:38

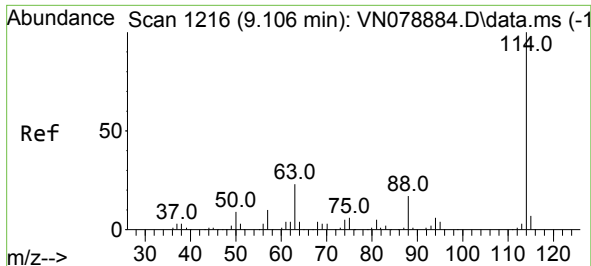
Tgt Ion: 65 Resp: 177348

Ion Ratio Lower Upper

65 100

67 51.3 0.0 106.6

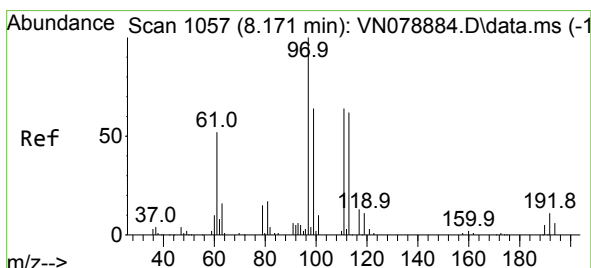
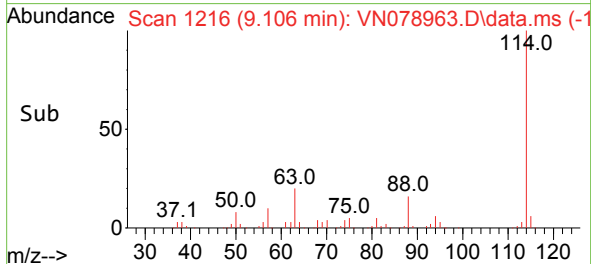
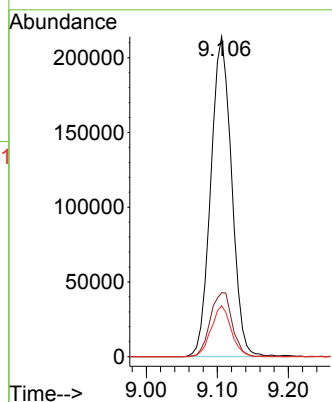
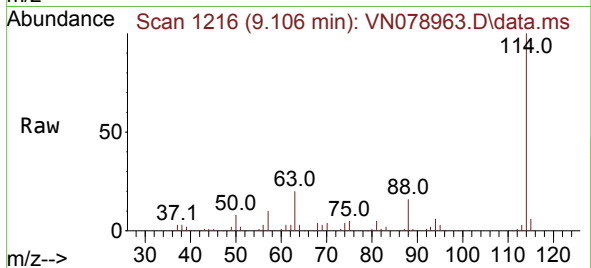




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078963.D
Acq: 18 Aug 2023 23:38

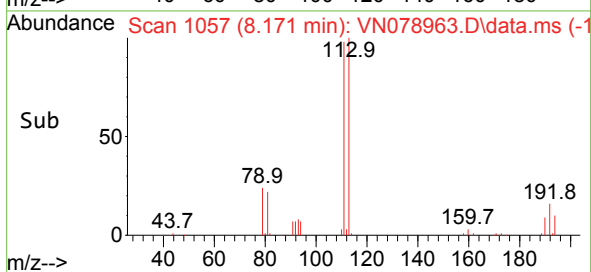
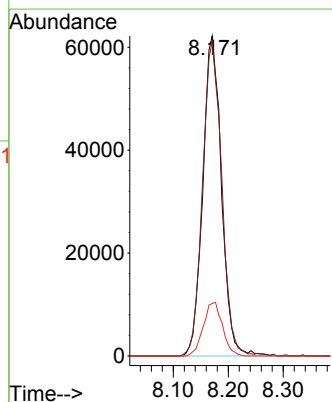
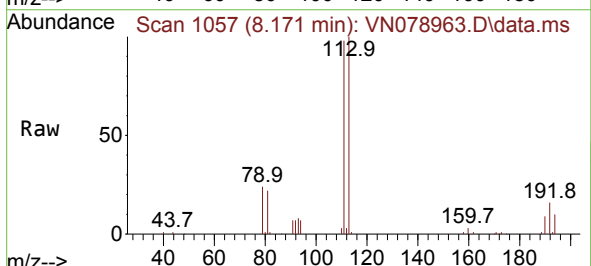
Instrument :
MSVOA_N
ClientSampleId :

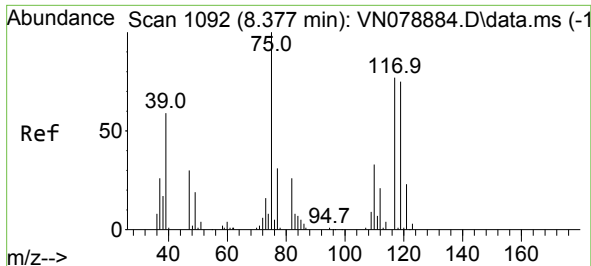
Tgt Ion:114 Resp: 435088
Ion Ratio Lower Upper
114 100
63 20.0 0.0 36.4
88 15.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.063 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN078963.D
Acq: 18 Aug 2023 23:38

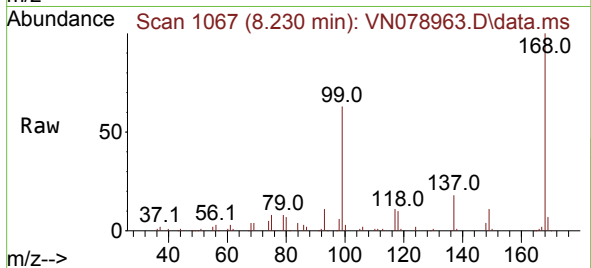
Tgt Ion:113 Resp: 146624
Ion Ratio Lower Upper
113 100
111 100.7 82.6 123.8
192 17.3 12.7 19.1



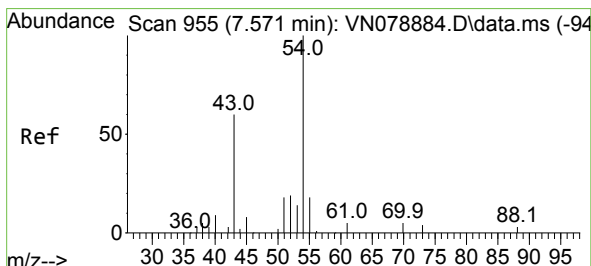
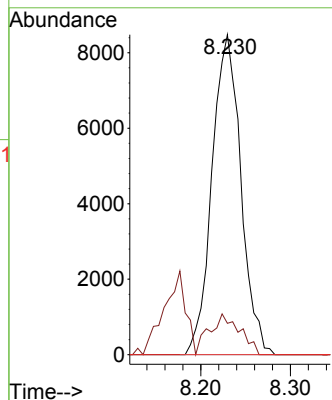
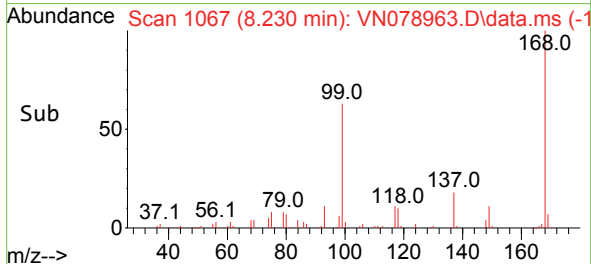


#36
1,1-Dichloropropene
Concen: 4.303 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN078963.D
Acq: 18 Aug 2023 23:38

Instrument :
MSVOA_N
ClientSampleId :

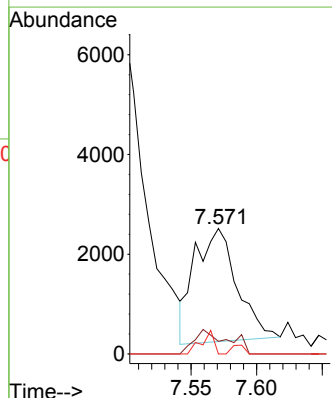
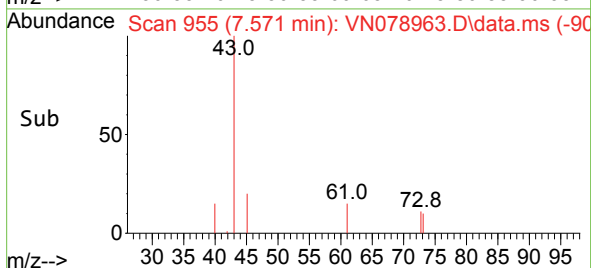
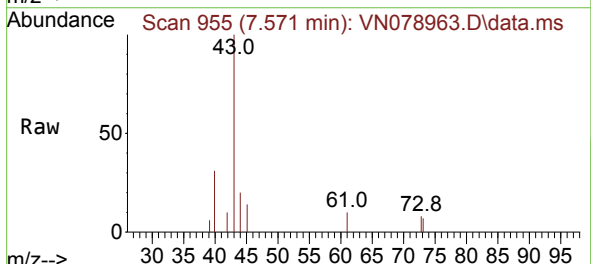


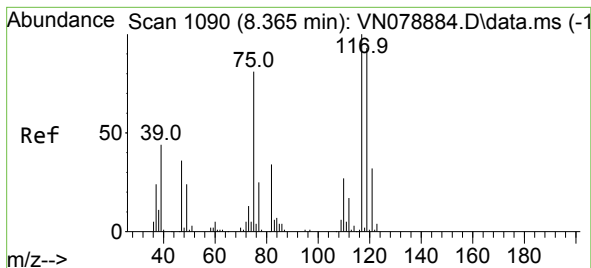
Tgt Ion: 75 Resp: 18956
Ion Ratio Lower Upper
75 100
110 13.4 19.1 57.3#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 1.030 ug/l
RT: 7.571 min Scan# 955
Delta R.T. -0.000 min
Lab File: VN078963.D
Acq: 18 Aug 2023 23:38

Tgt Ion: 43 Resp: 5077
Ion Ratio Lower Upper
43 100
61 17.2 13.2 19.8
70 6.1 11.3 16.9#





#38

Carbon Tetrachloride

Concen: 5.538 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

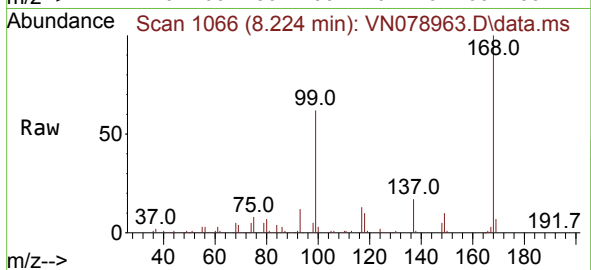
Lab File: VN078963.D

Acq: 18 Aug 2023 23:38

Instrument :

MSVOA_N

ClientSampleId :



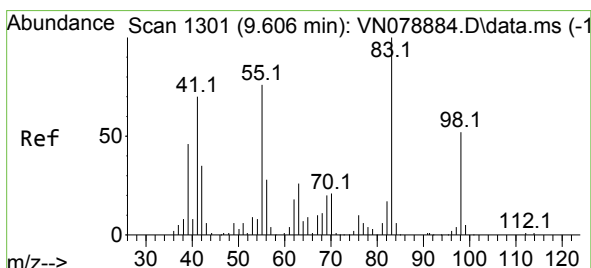
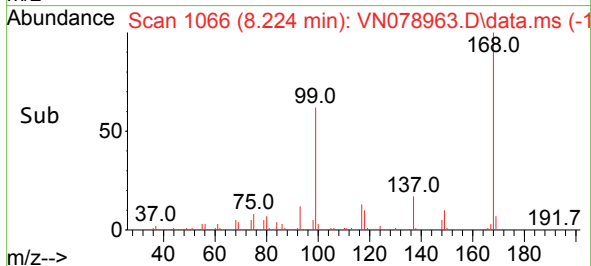
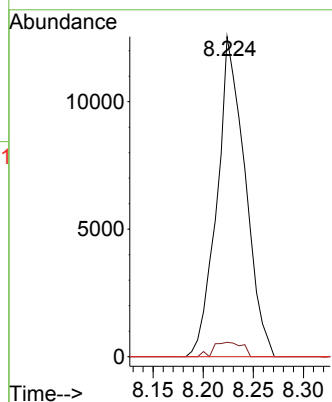
Tgt Ion:117 Resp: 24448

Ion Ratio Lower Upper

117 100

119 4.5 77.3 115.9#

121 0.0 23.3 34.9#



#39

Methylcyclohexane

Concen: 0.212 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.000 min

Lab File: VN078963.D

Acq: 18 Aug 2023 23:38

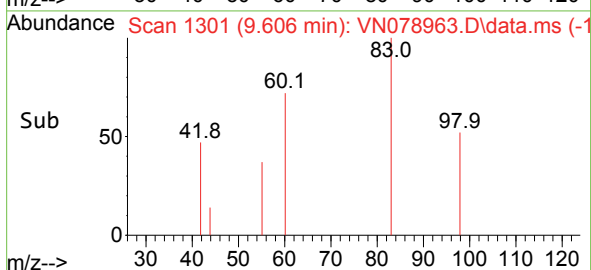
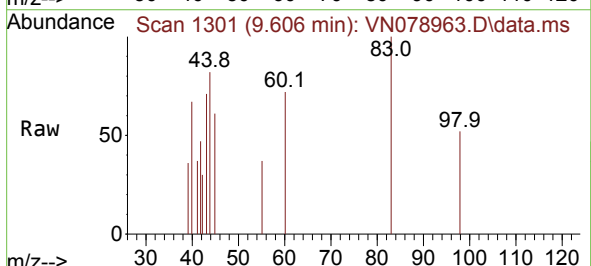
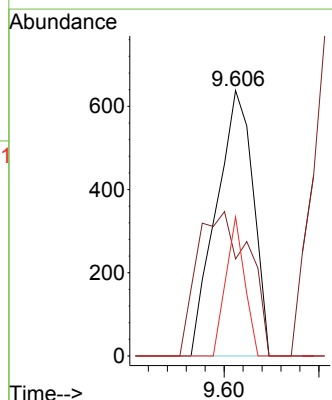
Tgt Ion: 83 Resp: 861

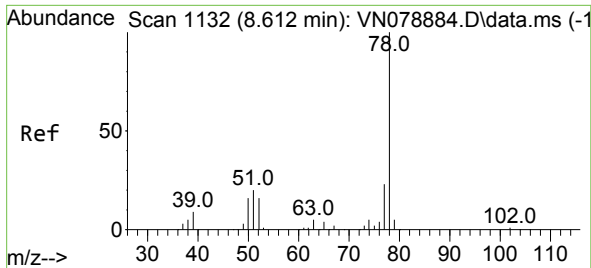
Ion Ratio Lower Upper

83 100

55 36.5 49.1 73.7#

98 52.4 40.6 61.0

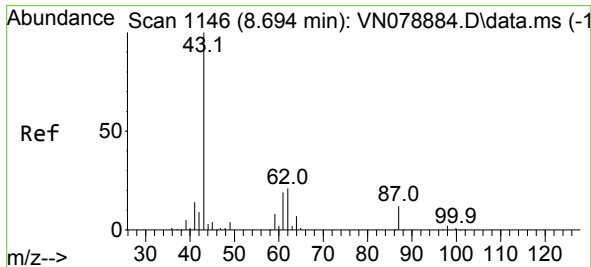
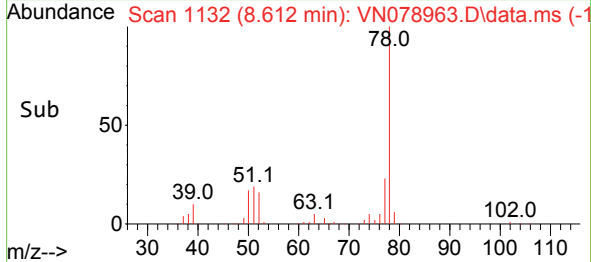
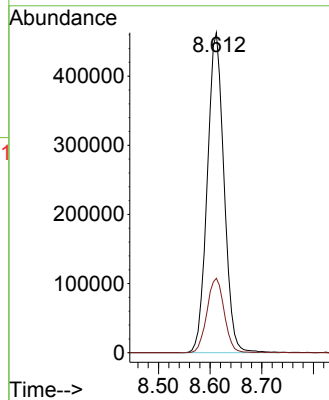
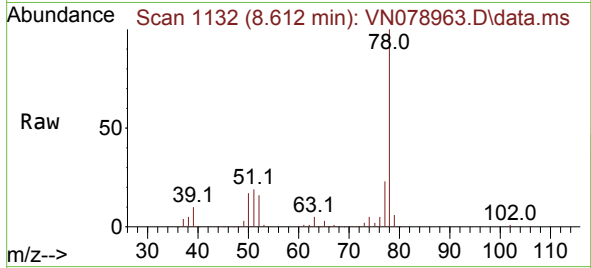




#40
Benzene
Concen: 79.693 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078963.D
Acq: 18 Aug 2023 23:38

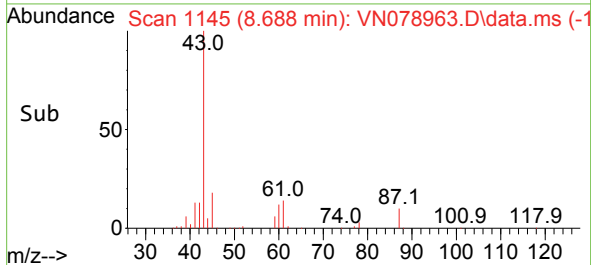
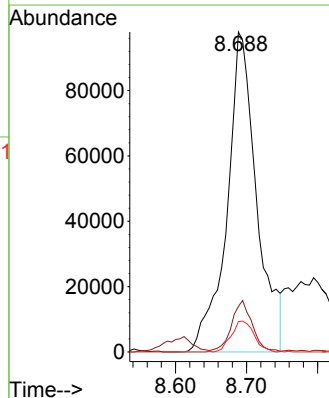
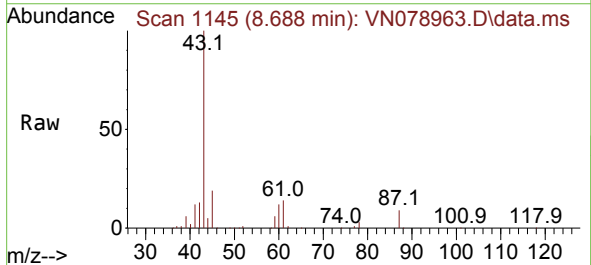
Instrument :
MSVOA_N
ClientSampleId :

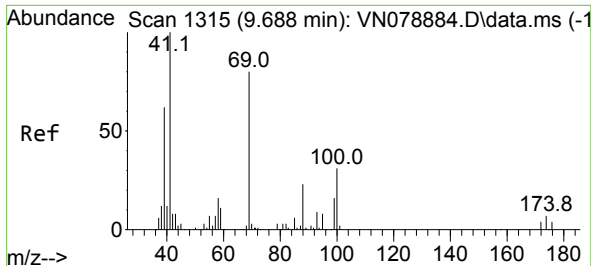
Tgt Ion: 78 Resp: 1037772
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.6



#43
Isopropyl Acetate
Concen: 32.682 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN078963.D
Acq: 18 Aug 2023 23:38

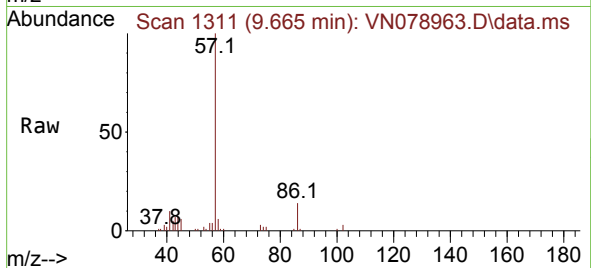
Tgt Ion: 43 Resp: 284743
Ion Ratio Lower Upper
43 100
61 10.8 24.7 37.1#
87 7.4 14.6 21.8#



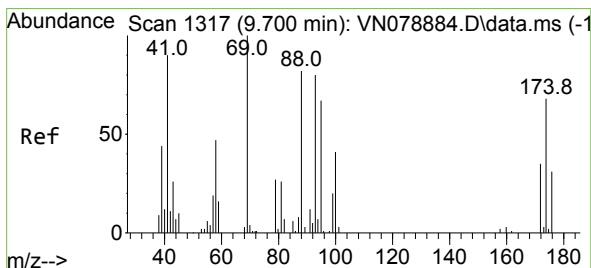
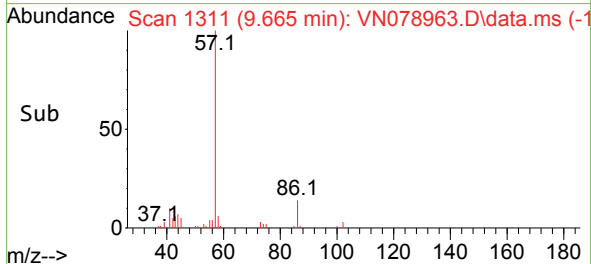
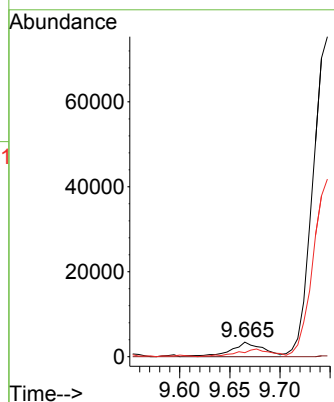


#48
Methyl methacrylate
Concen: 1.930 ug/l
RT: 9.665 min Scan# 11
Delta R.T. -0.023 min
Lab File: VN078963.D
Acq: 18 Aug 2023 23:38

Instrument :
MSVOA_N
ClientSampleId :

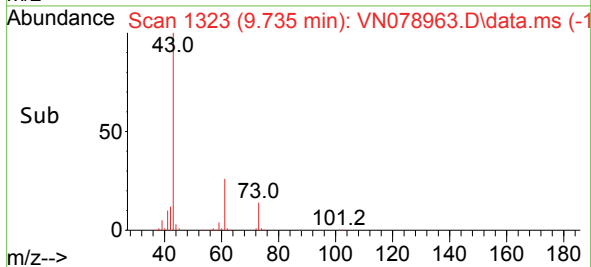
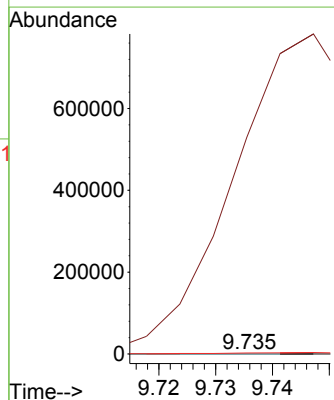
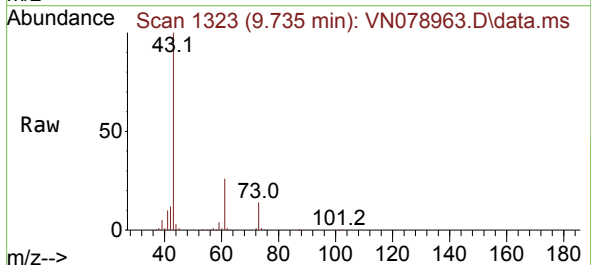


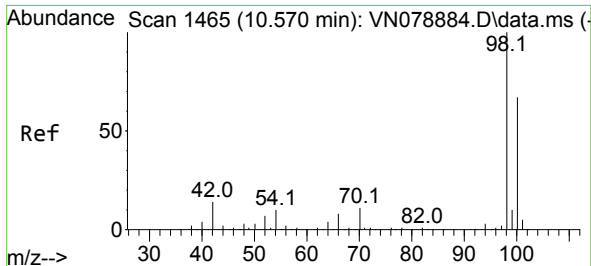
Tgt Ion: 41 Resp: 7619
Ion Ratio Lower Upper
41 100
69 0.0 90.4 135.6#
39 56.0 54.6 81.8



#49
1,4-Dioxane
Concen: 0.818 ug/l
RT: 9.735 min Scan# 1323
Delta R.T. 0.035 min
Lab File: VN078963.D
Acq: 18 Aug 2023 23:38

Tgt Ion: 88 Resp: 55
Ion Ratio Lower Upper
88 100
43 0.0 17.0 25.6#
58 0.0 47.0 70.4#

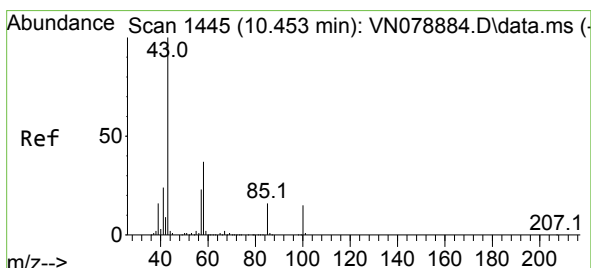
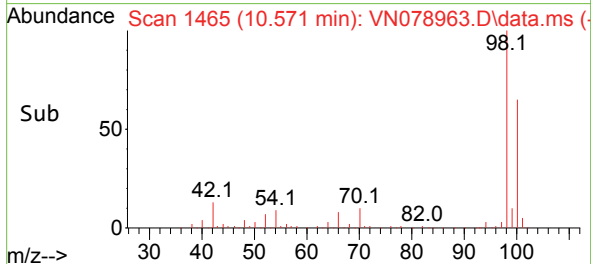
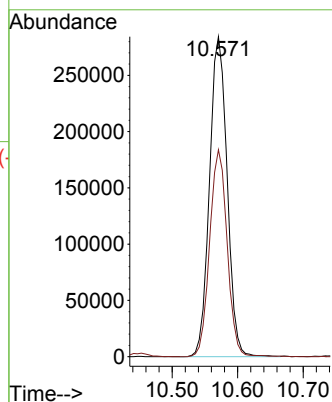
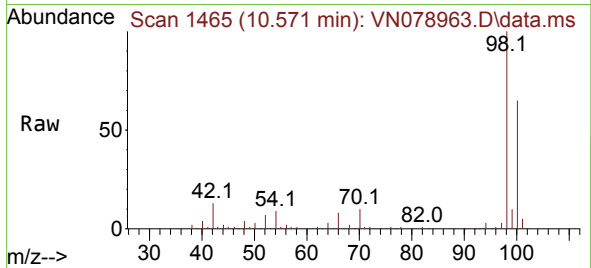




#50
Toluene-d8
Concen: 48.807 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078963.D
Acq: 18 Aug 2023 23:38

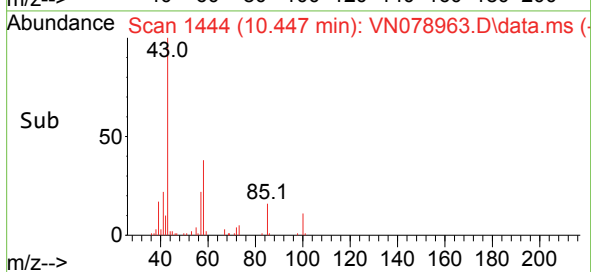
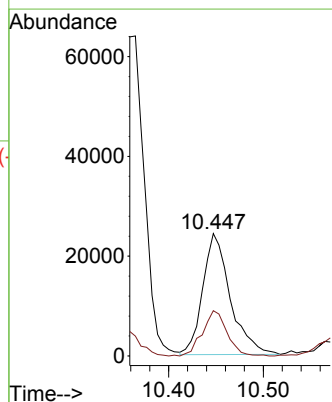
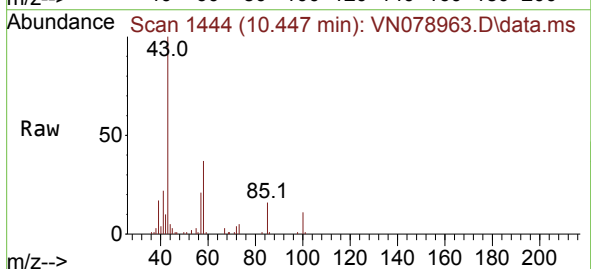
Instrument :
MSVOA_N
ClientSampleId :

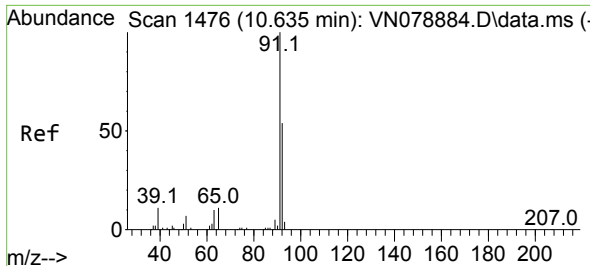
Tgt Ion: 98 Resp: 530769
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 9.473 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078963.D
Acq: 18 Aug 2023 23:38

Tgt Ion: 43 Resp: 48953
Ion Ratio Lower Upper
43 100
58 33.6 36.6 54.8#

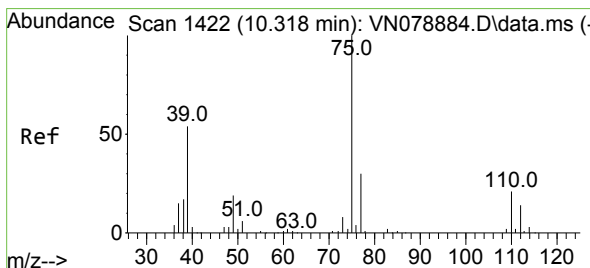
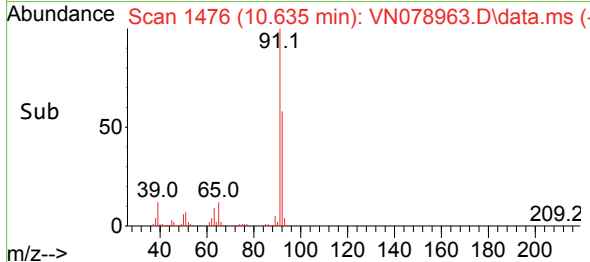
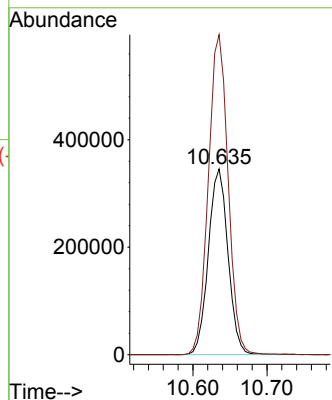
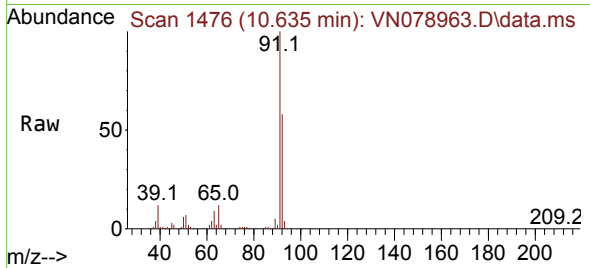




#52
Toluene
Concen: 79.598 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078963.D
Acq: 18 Aug 2023 23:38

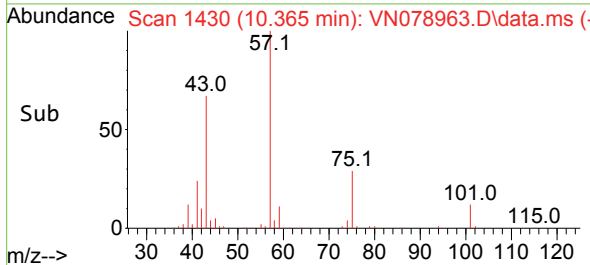
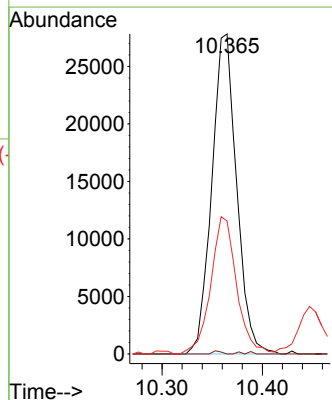
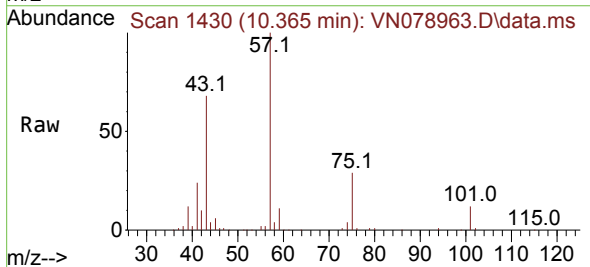
Instrument :
MSVOA_N
ClientSampleId :

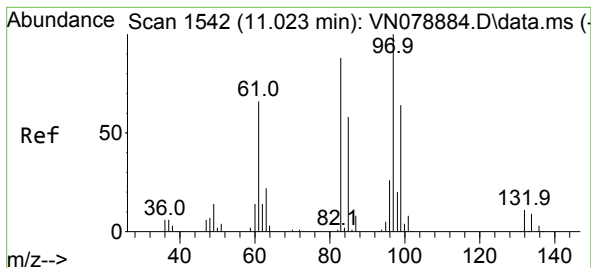
Tgt Ion: 92 Resp: 636388
Ion Ratio Lower Upper
92 100
91 173.5 137.4 206.0



#54
cis-1,3-Dichloropropene
Concen: 8.702 ug/l
RT: 10.365 min Scan# 1430
Delta R.T. 0.047 min
Lab File: VN078963.D
Acq: 18 Aug 2023 23:38

Tgt Ion: 75 Resp: 47727
Ion Ratio Lower Upper
75 100
77 0.0 26.1 39.1#
39 41.6 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 0.897 ug/l

RT: 10.888 min Scan# 1536

Delta R.T. -0.136 min

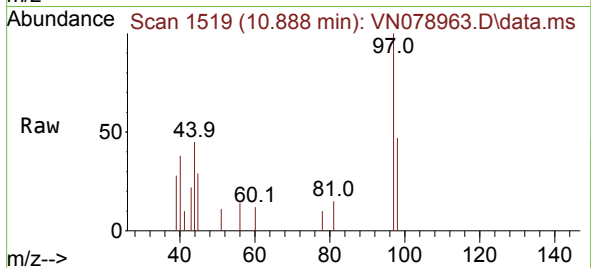
Lab File: VN078963.D

Acq: 18 Aug 2023 23:38

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 97 Resp: 2874

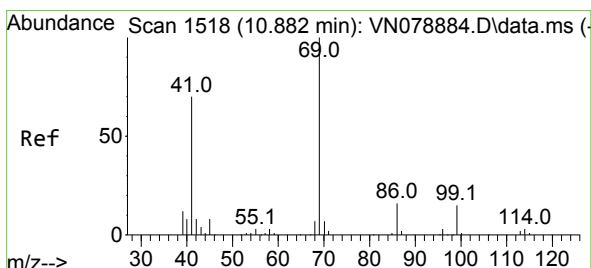
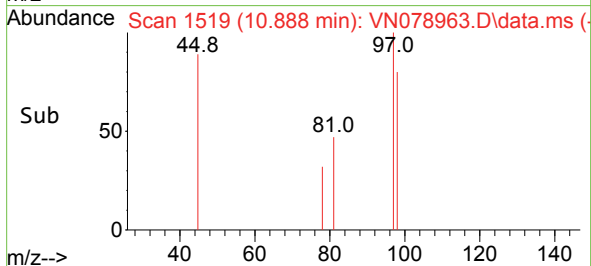
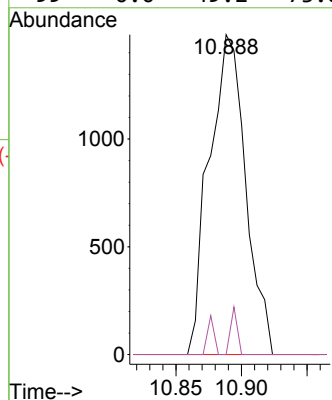
Ion Ratio Lower Upper

97 100

83 0.0 65.1 97.7#

85 0.0 43.4 65.2#

99 0.0 49.2 73.8#



#56

Ethyl methacrylate

Concen: 0.318 ug/l

RT: 10.988 min Scan# 1536

Delta R.T. 0.111 min

Lab File: VN078963.D

Acq: 18 Aug 2023 23:38

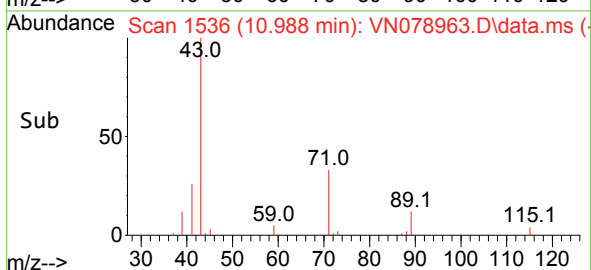
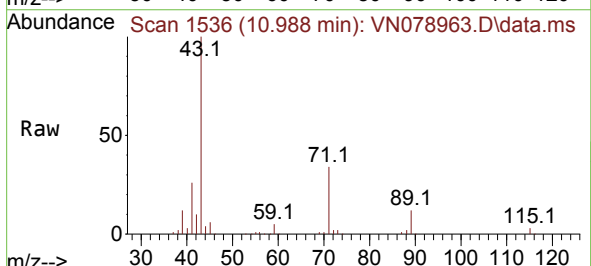
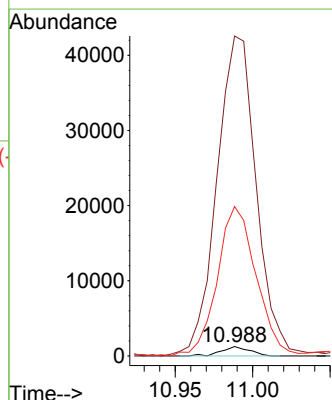
Tgt Ion: 69 Resp: 1578

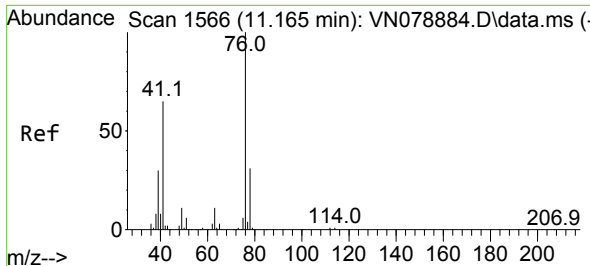
Ion Ratio Lower Upper

69 100

41 4789.8 39.6 59.4#

39 2198.0 28.6 43.0#





#57

1,3-Dichloropropane

Concen: 1.075 ug/l

RT: 11.206 min Scan# 11

Delta R.T. 0.041 min

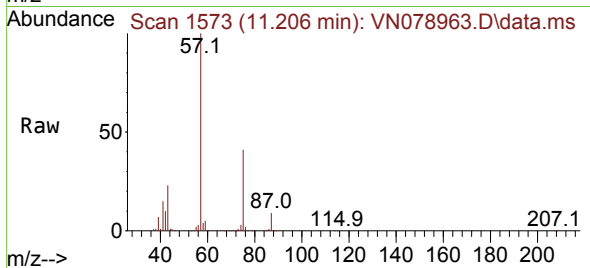
Lab File: VN078963.D

Acq: 18 Aug 2023 23:38

Instrument :

MSVOA_N

ClientSampleId :

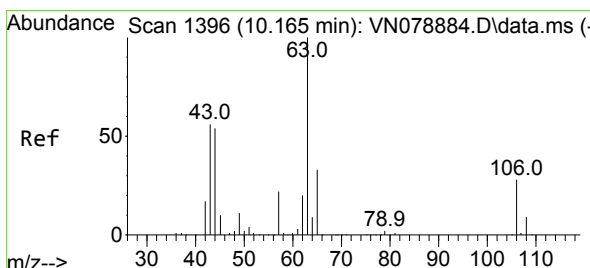
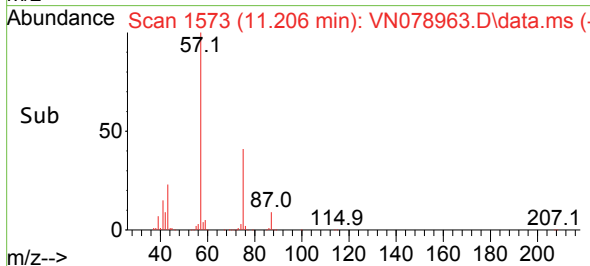
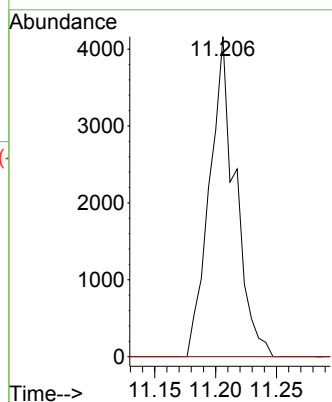


Tgt Ion: 76 Resp: 6162

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#58

2-Chloroethyl Vinyl ether

Concen: 0.461 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.006 min

Lab File: VN078963.D

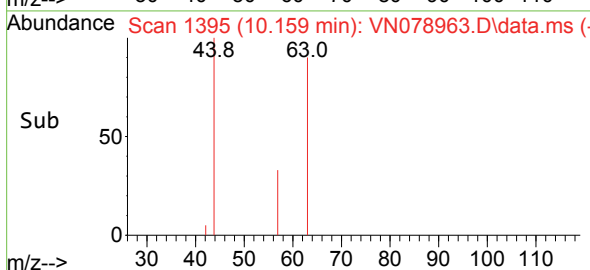
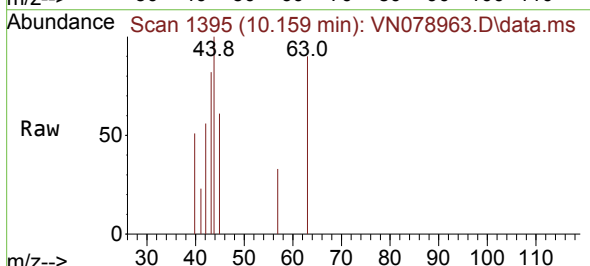
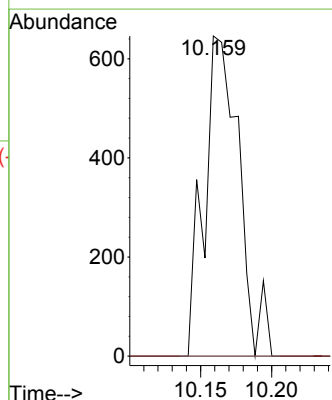
Acq: 18 Aug 2023 23:38

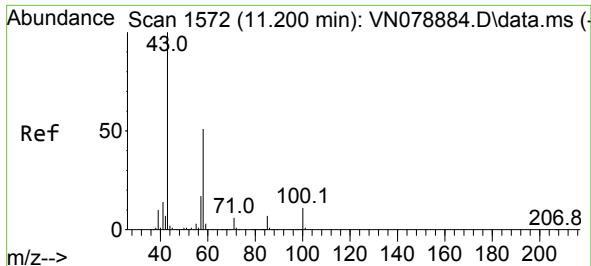
Tgt Ion: 63 Resp: 1100

Ion Ratio Lower Upper

63 100

106 0.0 26.2 39.4#

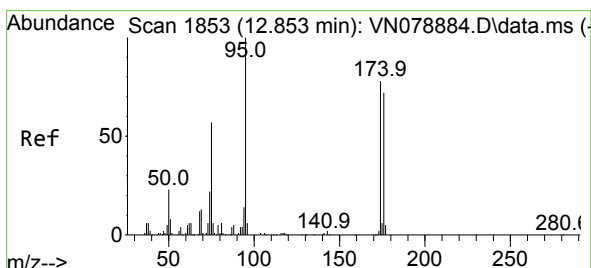
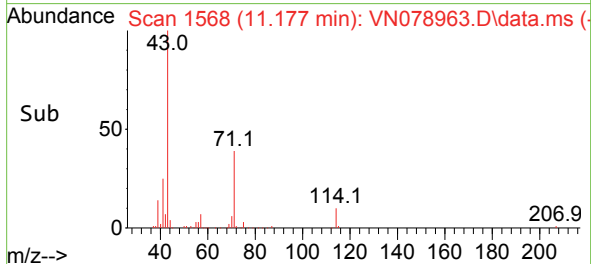
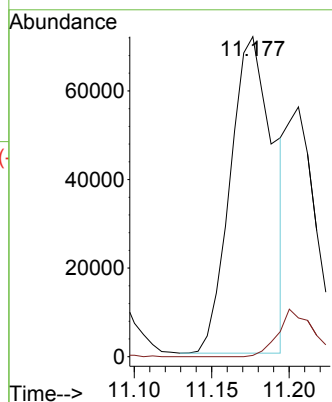
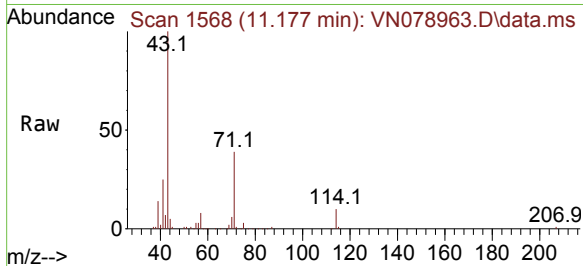




#59
2-Hexanone
Concen: 36.869 ug/l
RT: 11.177 min Scan# 11
Delta R.T. -0.023 min
Lab File: VN078963.D
Acq: 18 Aug 2023 23:38

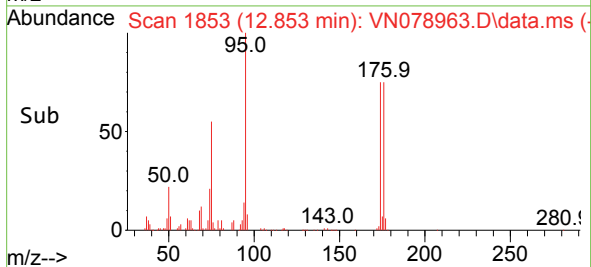
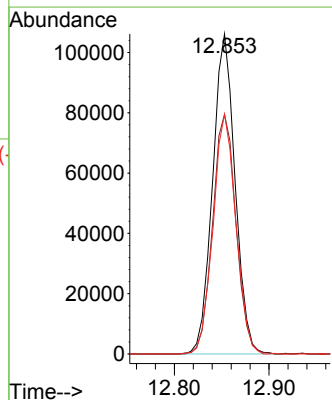
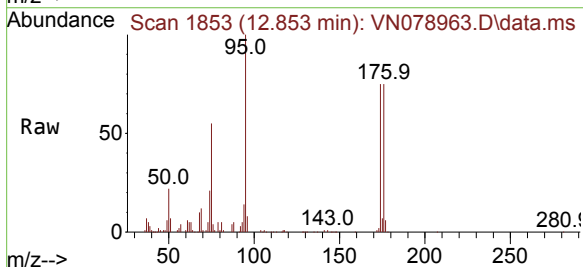
Instrument :
MSVOA_N
ClientSampleId :

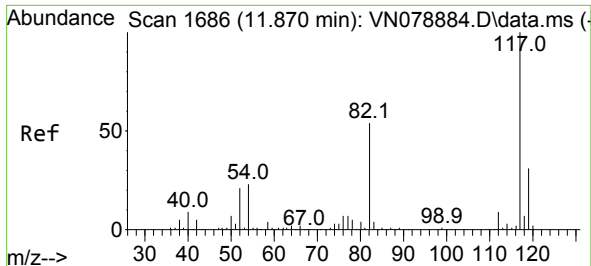
Tgt Ion: 43 Resp: 137992
Ion Ratio Lower Upper
43 100
58 0.0 31.7 95.1#



#62
4-Bromofluorobenzene
Concen: 49.176 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078963.D
Acq: 18 Aug 2023 23:38

Tgt Ion: 95 Resp: 174798
Ion Ratio Lower Upper
95 100
174 77.9 0.0 143.8
176 76.1 0.0 135.8

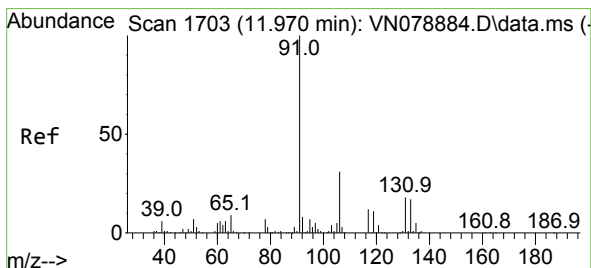
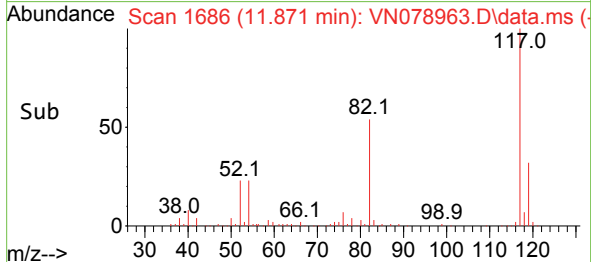
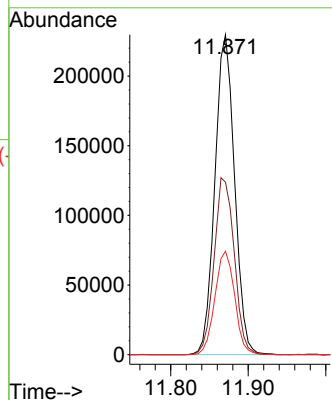
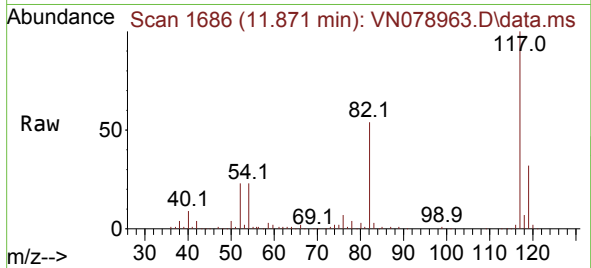




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN078963.D
Acq: 18 Aug 2023 23:38

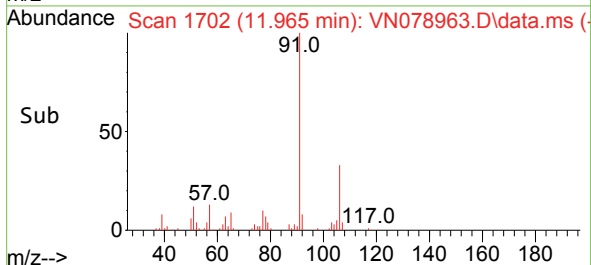
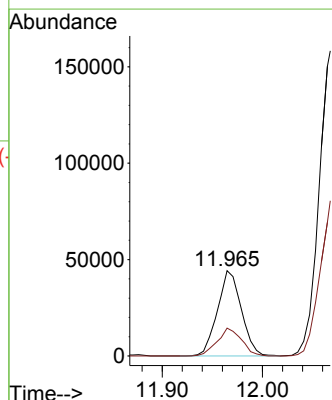
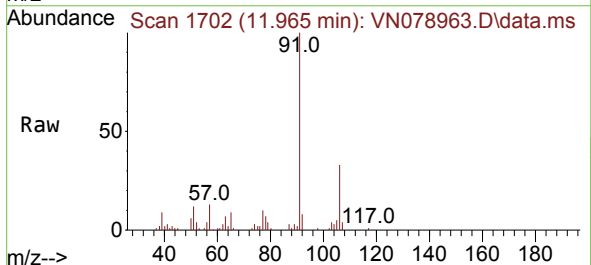
Instrument :
MSVOA_N
ClientSampleId :

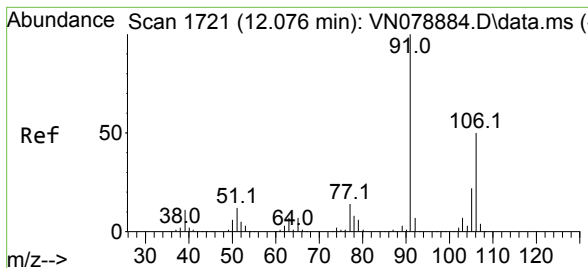
Tgt Ion:117 Resp: 404475
Ion Ratio Lower Upper
117 100
82 53.9 44.0 66.0
119 32.4 25.6 38.4



#67
Ethyl Benzene
Concen: 4.681 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN078963.D
Acq: 18 Aug 2023 23:38

Tgt Ion: 91 Resp: 73295
Ion Ratio Lower Upper
91 100
106 32.7 25.6 38.4

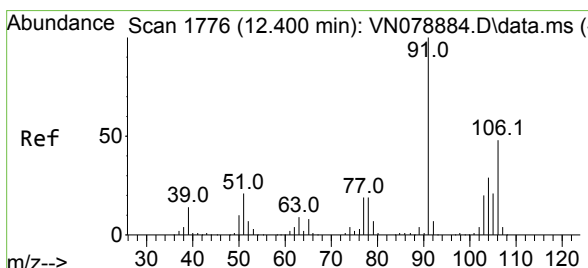
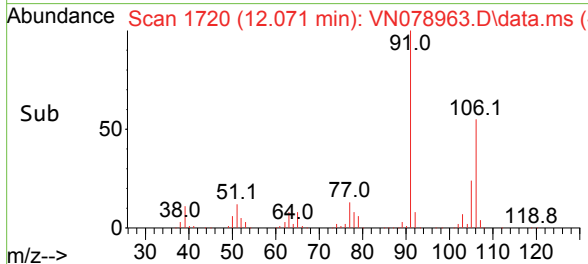
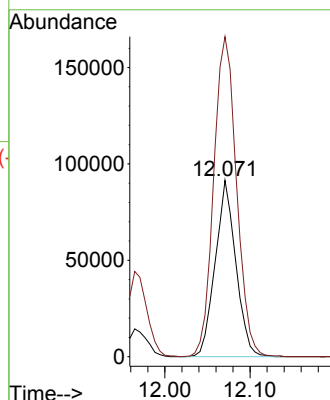
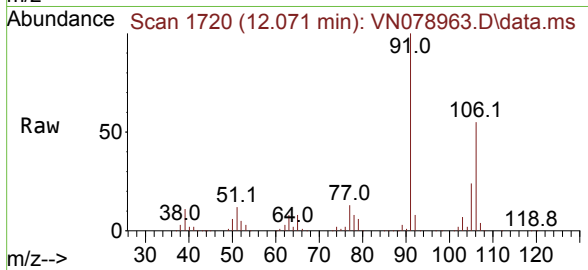




#68
m/p-Xylenes
Concen: 26.244 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.005 min
Lab File: VN078963.D
Acq: 18 Aug 2023 23:38

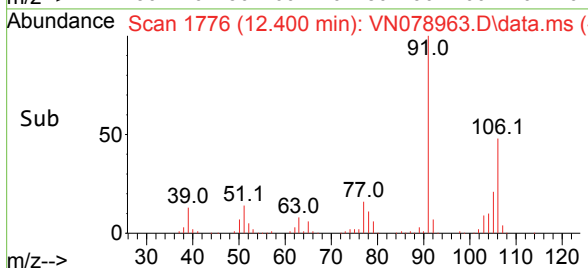
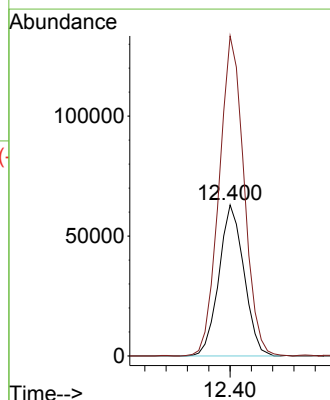
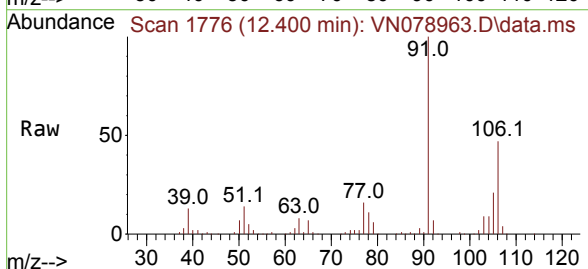
Instrument :
MSVOA_N
ClientSampleId :

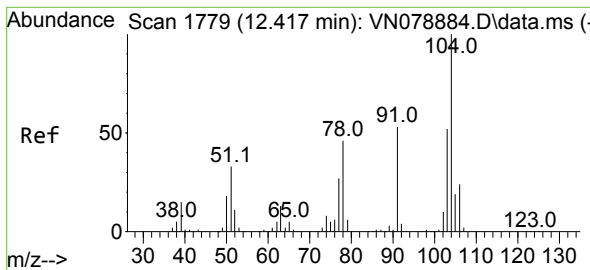
Tgt Ion:106 Resp: 153632
Ion Ratio Lower Upper
106 100
91 201.3 159.6 239.4



#69
o-Xylene
Concen: 18.039 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN078963.D
Acq: 18 Aug 2023 23:38

Tgt Ion:106 Resp: 102726
Ion Ratio Lower Upper
106 100
91 211.2 105.2 315.5





#70

Styrene

Concen: 4.489 ug/l

RT: 12.412 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN078963.D

Acq: 18 Aug 2023 23:38

Instrument :

MSVOA_N

ClientSampleId :

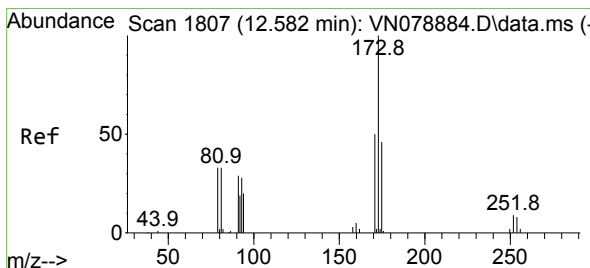
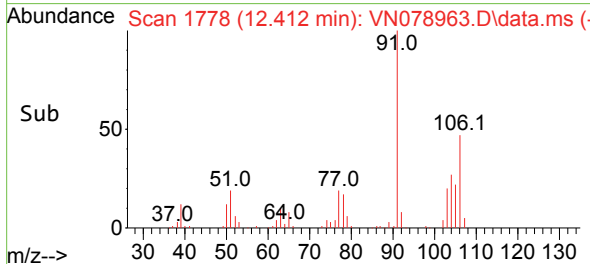
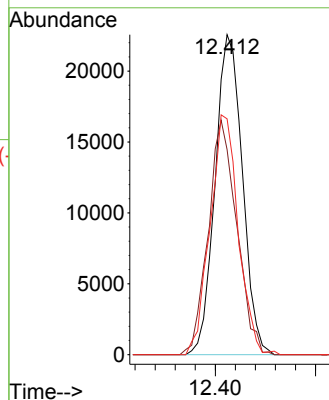
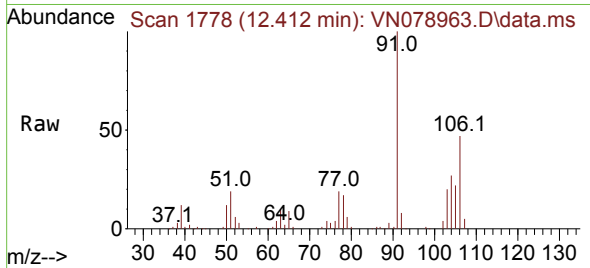
Tgt Ion:104 Resp: 42627

Ion Ratio Lower Upper

104 100

78 76.7 39.5 59.3#

103 77.4 43.2 64.8#



#71

Bromoform

Concen: 0.657 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.271 min

Lab File: VN078963.D

Acq: 18 Aug 2023 23:38

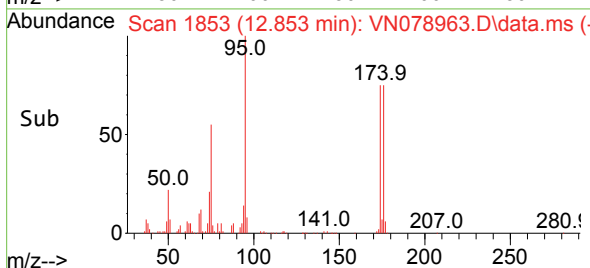
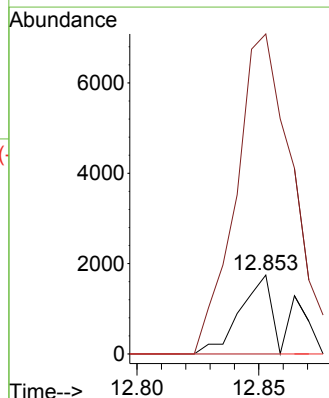
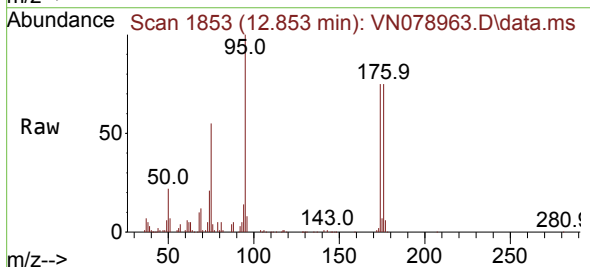
Tgt Ion:173 Resp: 1554

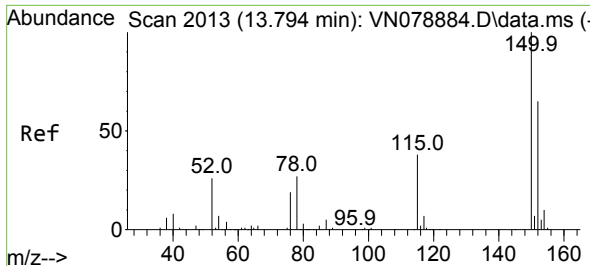
Ion Ratio Lower Upper

173 100

175 580.4 24.3 73.0#

254 0.0 0.0 0.0

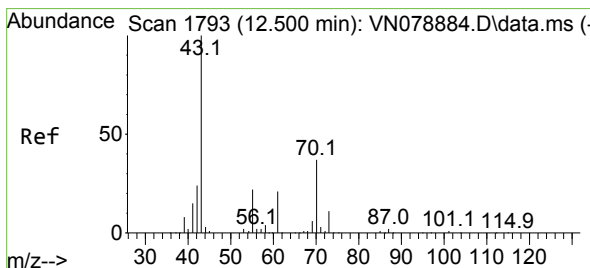
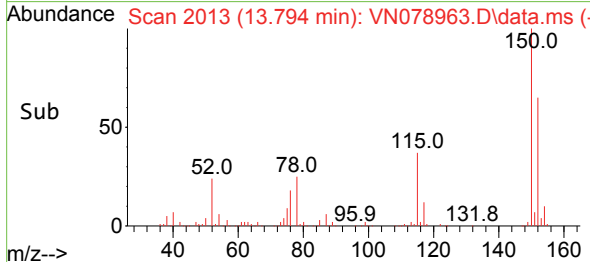
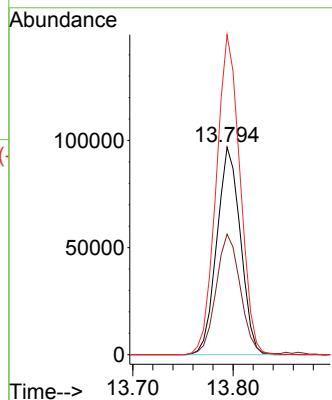
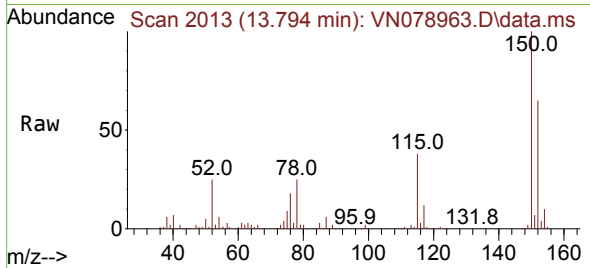




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN078963.D
 Acq: 18 Aug 2023 23:38

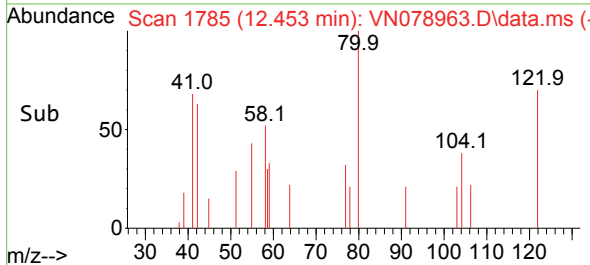
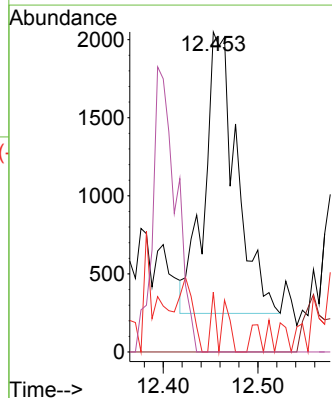
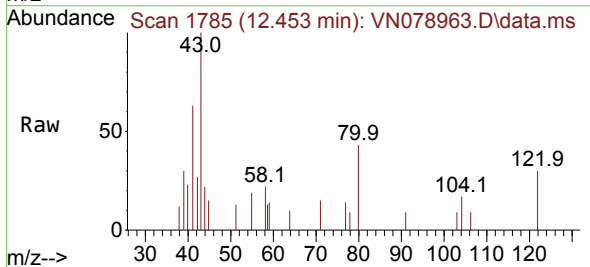
Instrument :
 MSVOA_N
 ClientSampleId :

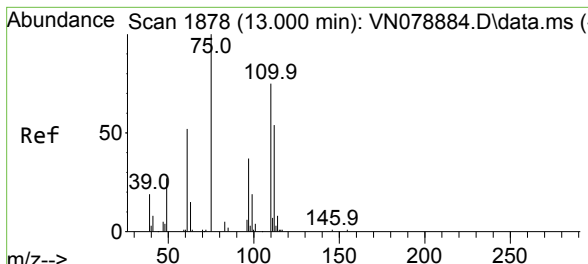
Tgt Ion:152 Resp: 158369
 Ion Ratio Lower Upper
 152 100
 115 60.0 32.3 96.8
 150 155.7 0.0 355.8



#74
 N-ethyl acetate
 Concen: 0.638 ug/l
 RT: 12.453 min Scan# 1785
 Delta R.T. -0.047 min
 Lab File: VN078963.D
 Acq: 18 Aug 2023 23:38

Tgt Ion: 43 Resp: 4255
 Ion Ratio Lower Upper
 43 100
 70 0.0 43.4 65.2#
 55 3.2 21.4 32.0#
 61 0.0 22.8 34.2#

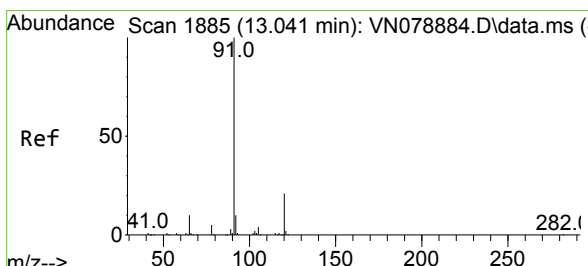
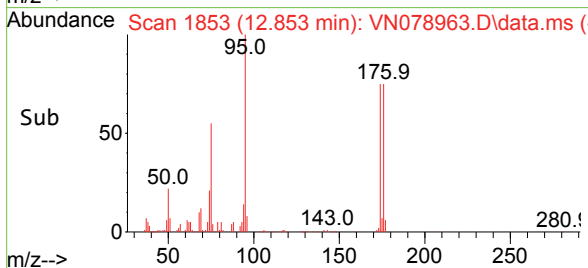
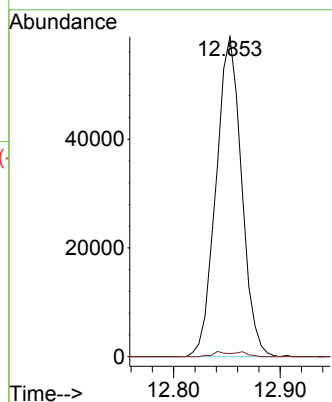
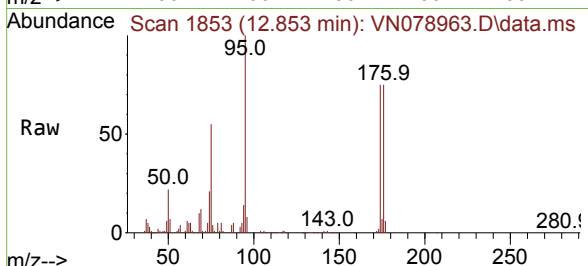




#76
1,2,3-Trichloropropane
Concen: 25.667 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN078963.D
Acq: 18 Aug 2023 23:38

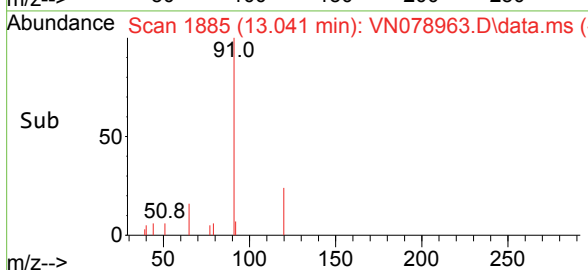
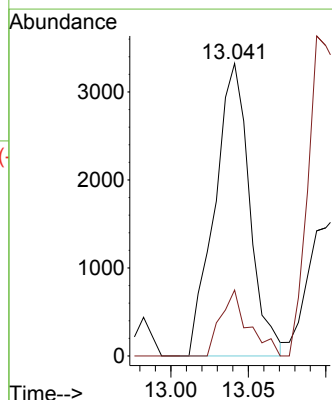
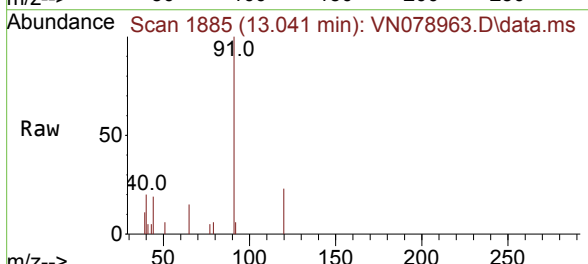
Instrument :
MSVOA_N
ClientSampleId :

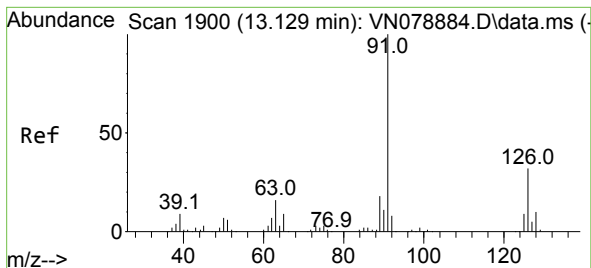
Tgt Ion: 75 Resp: 97942
Ion Ratio Lower Upper
75 100
77 0.9 84.5 253.5#



#78
n-propylbenzene
Concen: 0.341 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078963.D
Acq: 18 Aug 2023 23:38

Tgt Ion: 91 Resp: 5222
Ion Ratio Lower Upper
91 100
120 17.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 0.239 ug/l

RT: 13.341 min Scan# 1936

Delta R.T. 0.212 min

Lab File: VN078963.D

Acq: 18 Aug 2023 23:38

Instrument :

MSVOA_N

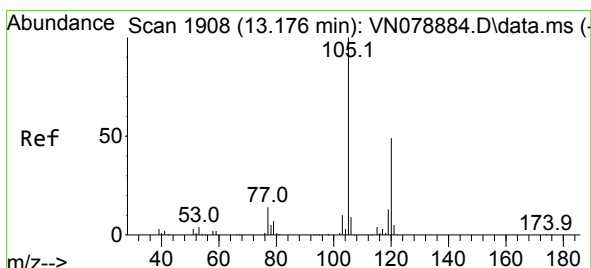
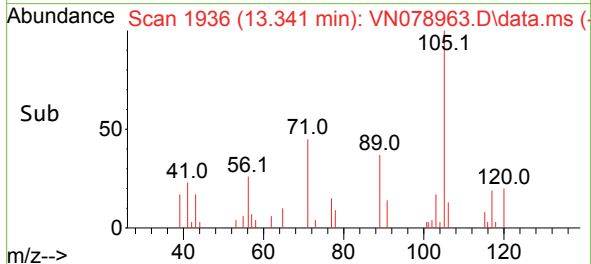
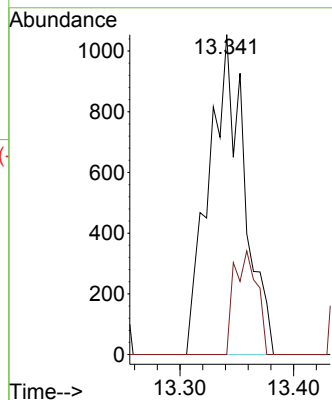
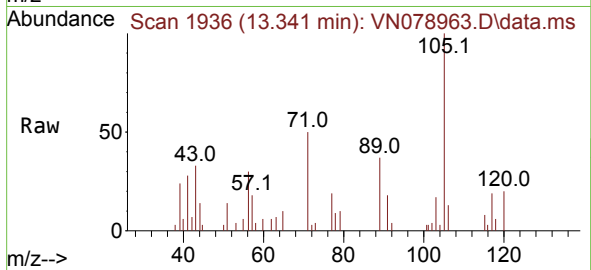
ClientSampleId :

Tgt Ion: 91 Resp: 2271

Ion Ratio Lower Upper

91 100

126 21.0 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 1.469 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN078963.D

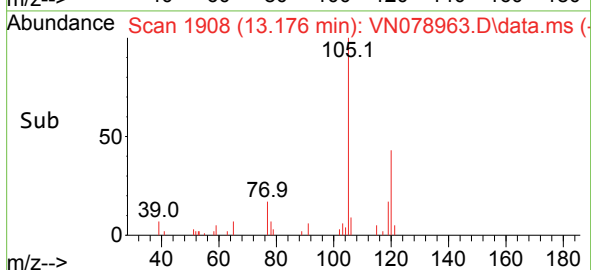
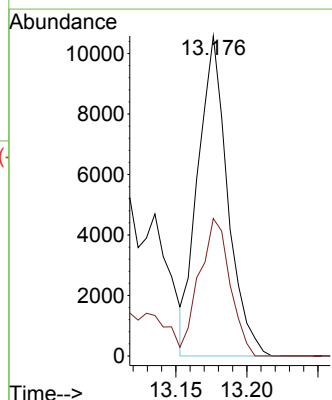
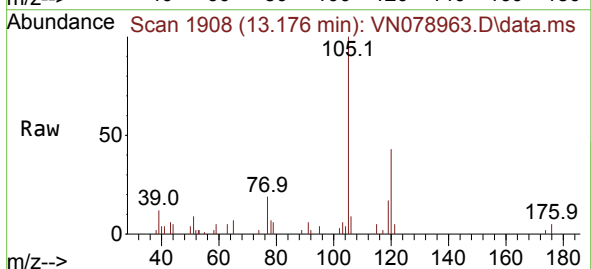
Acq: 18 Aug 2023 23:38

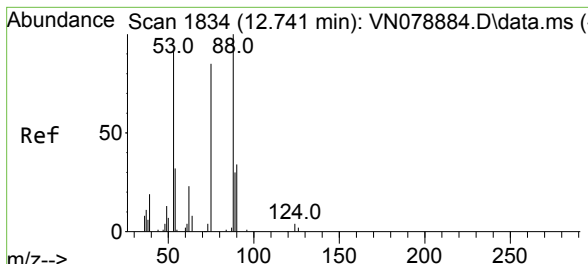
Tgt Ion: 105 Resp: 15373

Ion Ratio Lower Upper

105 100

120 44.3 24.1 72.3

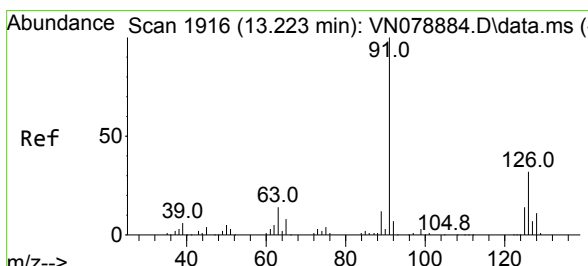
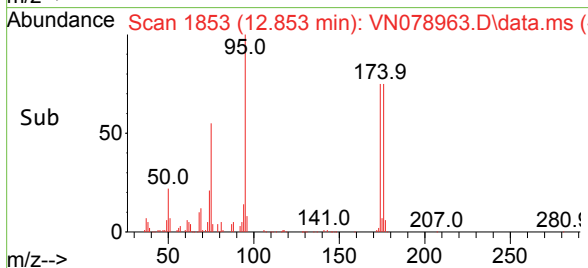
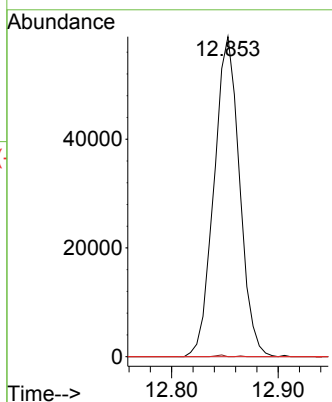
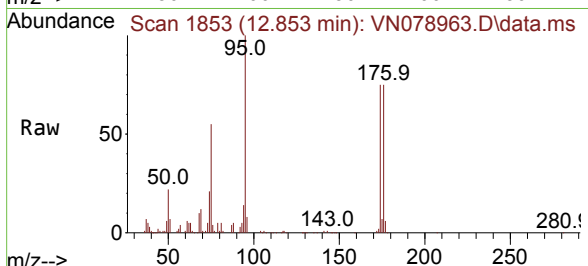




#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.567 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.112 min
 Lab File: VN078963.D
 Acq: 18 Aug 2023 23:38

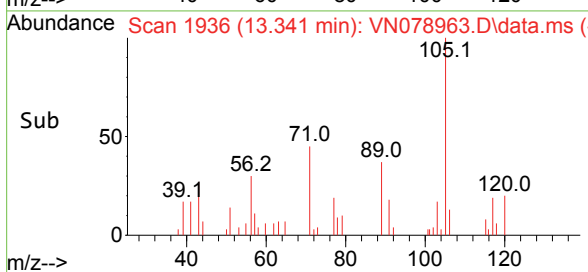
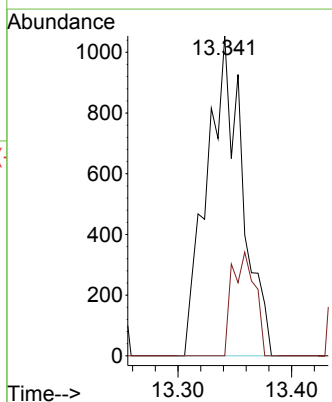
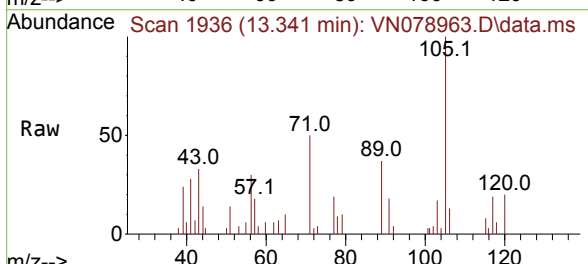
Instrument :
 MSVOA_N
 ClientSampleId :

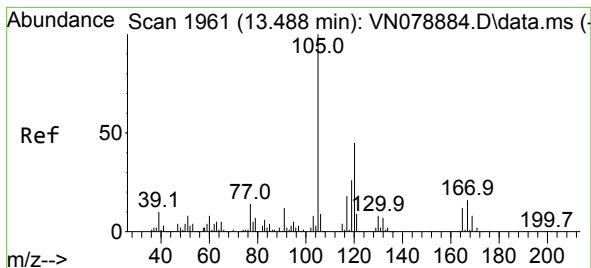
Tgt Ion: 75 Resp: 97942
 Ion Ratio Lower Upper
 75 100
 53 0.2 67.4 101.2#
 89 0.0 38.8 58.2#



#82
 4-Chlorotoluene
 Concen: 0.244 ug/l
 RT: 13.341 min Scan# 1936
 Delta R.T. 0.112 min
 Lab File: VN078963.D
 Acq: 18 Aug 2023 23:38

Tgt Ion: 91 Resp: 2271
 Ion Ratio Lower Upper
 91 100
 126 21.0 16.7 50.0





#84

1,2,4-Trimethylbenzene

Concen: 5.040 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.006 min

Lab File: VN078963.D

Acq: 18 Aug 2023 23:38

Instrument :

MSVOA_N

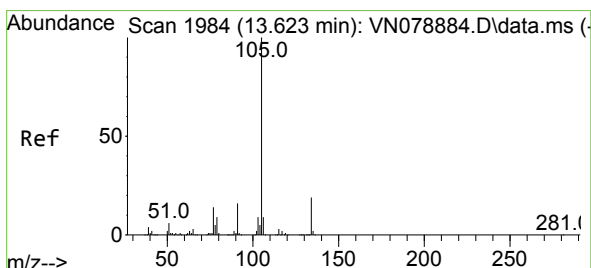
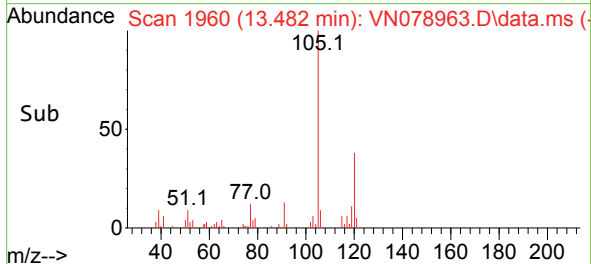
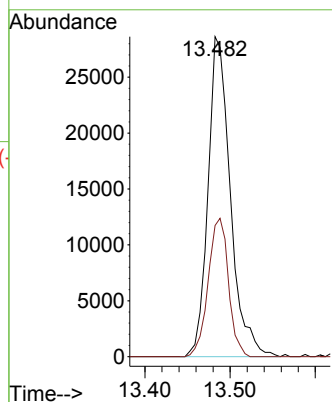
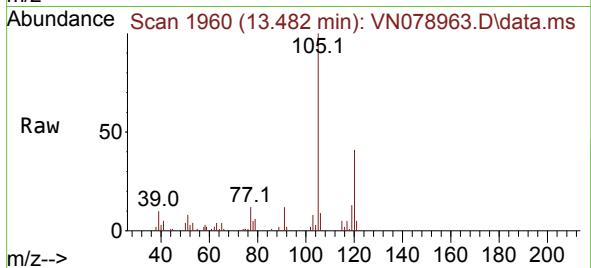
ClientSampleId :

Tgt Ion:105 Resp: 52224

Ion Ratio Lower Upper

105 100

120 39.3 22.0 66.0



#85

sec-Butylbenzene

Concen: 4.316 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.141 min

Lab File: VN078963.D

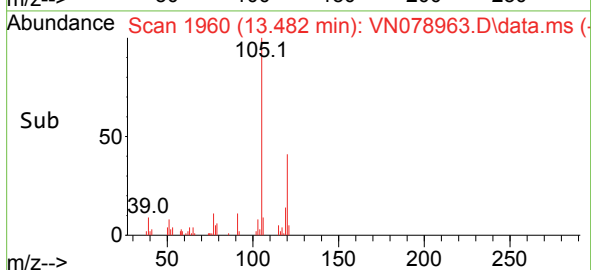
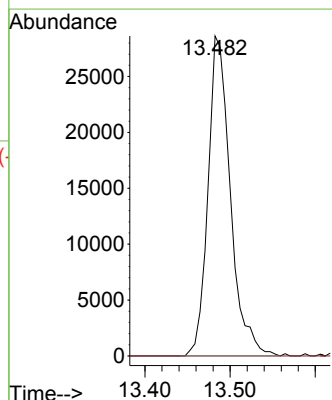
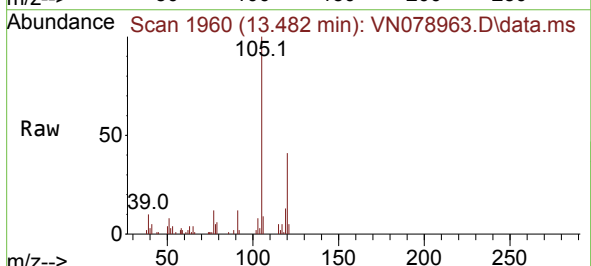
Acq: 18 Aug 2023 23:38

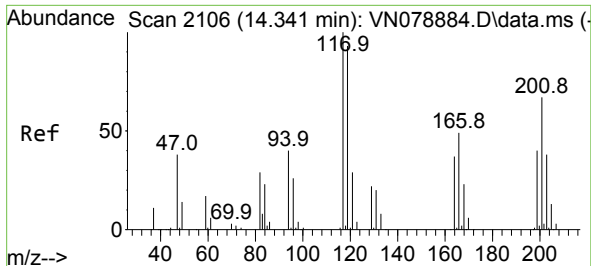
Tgt Ion:105 Resp: 52224

Ion Ratio Lower Upper

105 100

134 0.0 9.8 29.3#

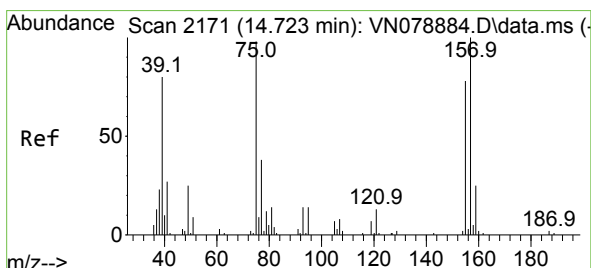
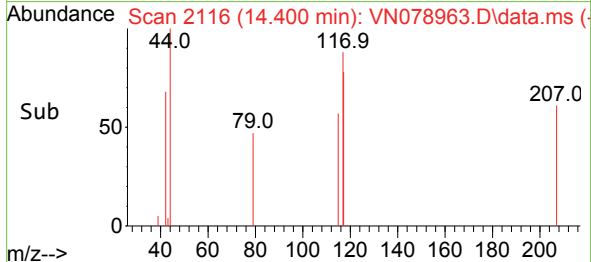
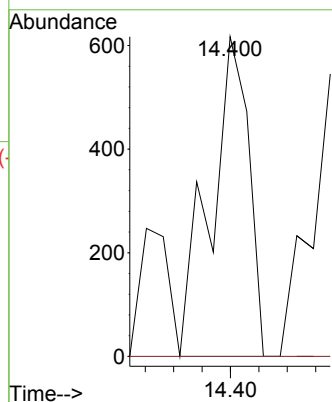
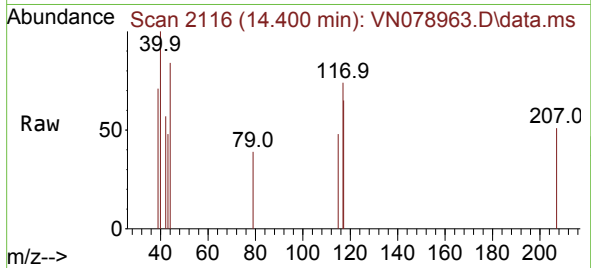




#90
Hexachloroethane
Concen: 0.297 ug/l
RT: 14.400 min Scan# 2106
Delta R.T. 0.065 min
Lab File: VN078963.D
Acq: 18 Aug 2023 23:38

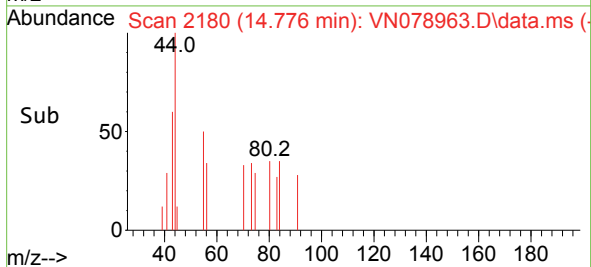
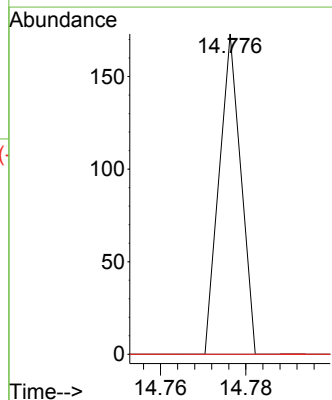
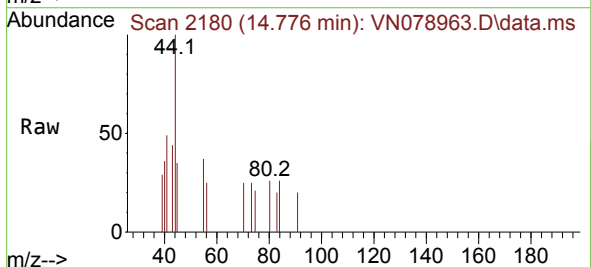
Instrument :
MSVOA_N
ClientSampleId :

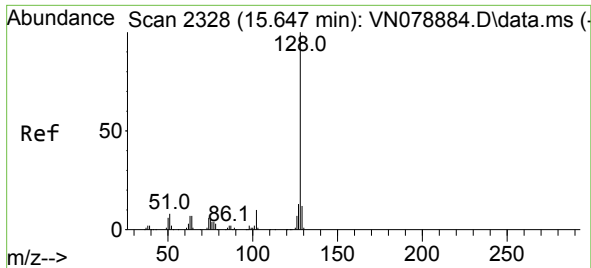
Tgt Ion:117 Resp: 575
Ion Ratio Lower Upper
117 100
201 0.0 29.3 88.0#



#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.776 min Scan# 2180
Delta R.T. 0.053 min
Lab File: VN078963.D
Acq: 18 Aug 2023 23:38

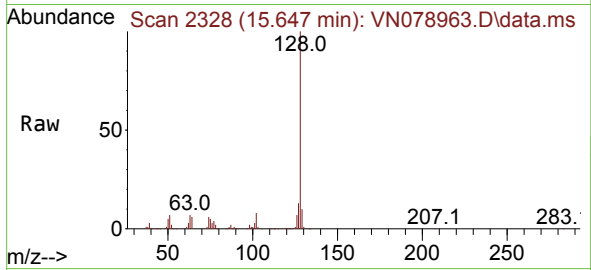
Tgt Ion: 75 Resp: 61
Ion Ratio Lower Upper
75 100
155 0.0 39.1 117.2#
157 0.0 50.3 150.9#





#95
Naphthalene
Concen: 56.078 ug/l
RT: 15.647 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN078963.D
Acq: 18 Aug 2023 23:38

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	128	Resp:	411670
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.0	15.0
129	10.6	8.7	13.1

