

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072723\
 Data File : VN078665.D
 Acq On : 27 Jul 2023 17:20
 Operator : JC\MD
 Sample : PB154443ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 28 01:09:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	423742	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	772665	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	751382	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	280815	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	274679	48.353	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.700%
35) Dibromofluoromethane	8.177	113	275165	52.461	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.920%
50) Toluene-d8	10.571	98	955807	48.238	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.480%
62) 4-Bromofluorobenzene	12.853	95	327926	53.730	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.460%

Target Compounds			Qvalue			
3) Chloromethane	2.383	50	2244	0.397	ug/l #	86
5) Bromomethane	2.977	94	3391	Below Cal	#	66
6) Chloroethane	3.113	64	652	Below Cal	#	53
10) Methyl Iodide	4.601	142	1469	0.231	ug/l #	65
11) Tert butyl alcohol	5.542	59	336	0.384	ug/l #	72
13) Acrolein	4.207	56	525	0.609	ug/l	95
15) Acrylonitrile	5.759	53	521	0.235	ug/l #	51
16) Acetone	4.448	43	93881	53.054	ug/l	90
17) Carbon Disulfide	4.724	76	3187	0.246	ug/l #	75
18) Methyl Acetate	5.048	43	3979	0.531	ug/l #	70
20) Methylene Chloride	5.289	84	27082	4.216	ug/l #	94
25) 2-Butanone	7.506	43	51940	18.647	ug/l	96
29) Tetrahydrofuran	7.859	42	1367	0.748	ug/l #	47
31) Cyclohexane	8.230	56	11006	1.434	ug/l #	51
36) 1,1-Dichloropropene	8.236	75	32781	4.328	ug/l #	49
37) Ethyl Acetate	7.577	43	14073	2.229	ug/l #	95
38) Carbon Tetrachloride	8.236	117	42952	5.218	ug/l #	17
42) 1,2-Dichloroethane	8.706	62	2122	0.278	ug/l #	73
43) Isopropyl Acetate	8.700	43	350093	33.682	ug/l #	83
48) Methyl methacrylate	9.753	41	290091	60.241	ug/l #	3
49) 1,4-Dioxane	9.718	88	143	1.362	ug/l #	30
51) 4-Methyl-2-Pentanone	10.453	43	174075	28.156	ug/l	91
54) cis-1,3-Dichloropropene	10.365	75	129364	14.775	ug/l #	68
57) 1,3-Dichloropropane	11.206	76	16870	1.811	ug/l #	43
59) 2-Hexanone	11.177	43	266135	60.568	ug/l #	19
71) Bromoform	12.853	173	1698	0.388	ug/l #	28
74) N-amyl acetate	12.488	43	5530	0.608	ug/l #	42
75) 1,1,2,2-Tetrachloroethane	12.935	83	584	Below Cal	#	90
76) 1,2,3-Trichloropropane	12.859	75	171447	25.259	ug/l #	1
77) Bromobenzene	12.988	156	720	Below Cal		72
81) trans-1,4-Dichloro-2-b...	12.859	75	171447	66.375	ug/l #	15
90) Hexachloroethane	14.353	117	65	Below Cal	#	21
92) 1,2-Dibromo-3-Chloropr...	14.694	75	72	Below Cal	#	4
93) 1,2,4-Trichlorobenzene	15.400	180	1146	0.356	ug/l	75
94) Hexachlorobutadiene	15.506	225	1341	Below Cal	#	66
95) Naphthalene	15.653	128	4206	0.382	ug/l #	80

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Quant Time: Jul 28 01:09:35 2023
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Quant Title : SW846 8260
QLast Update : Mon Jul 10 16:13:53 2023
Response via : Initial Calibration

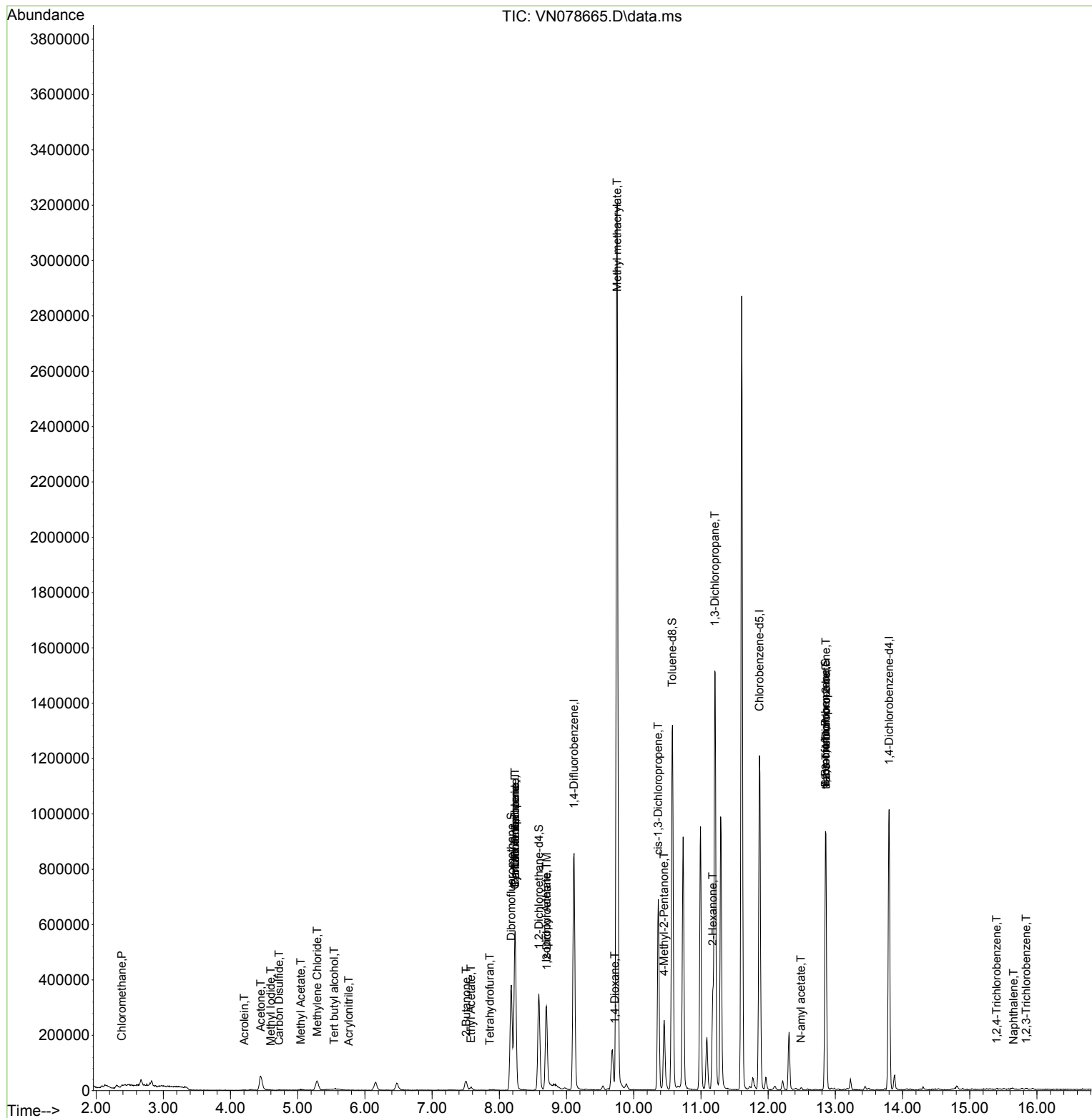
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.841	180	1384	0.374	ug/l #	85

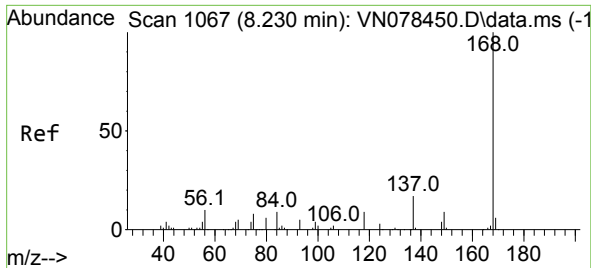
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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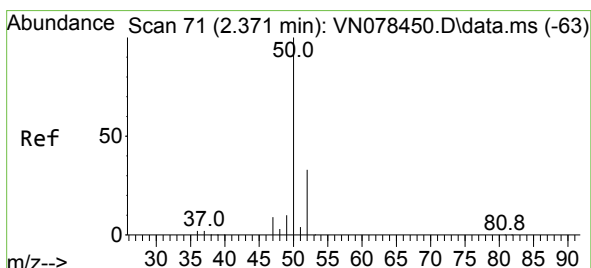
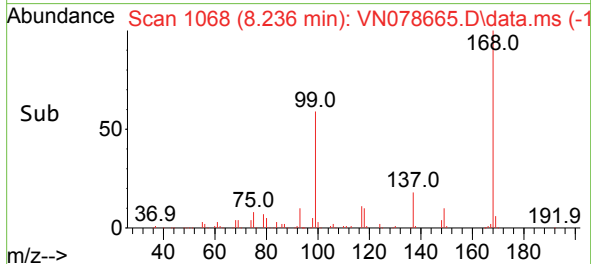
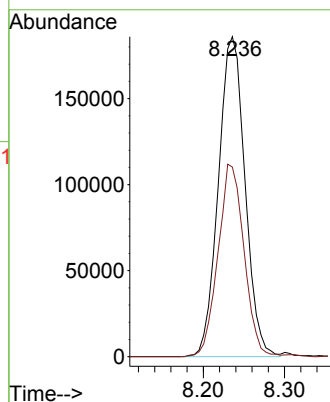
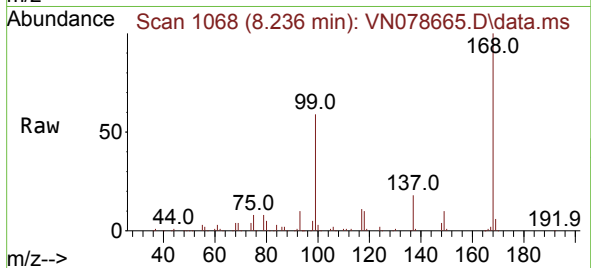




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VN078665.D
Acq: 27 Jul 2023 17:20

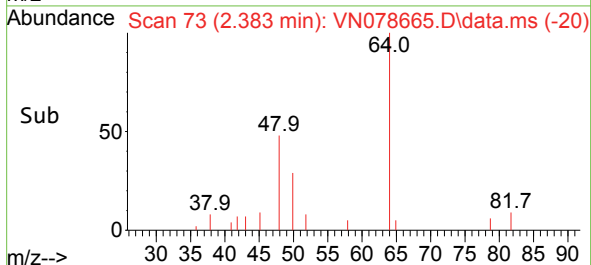
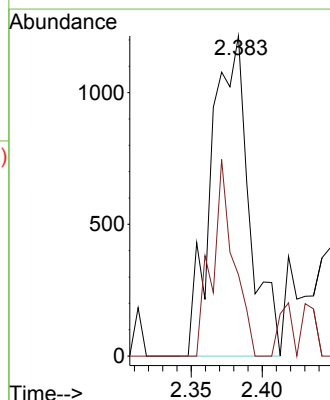
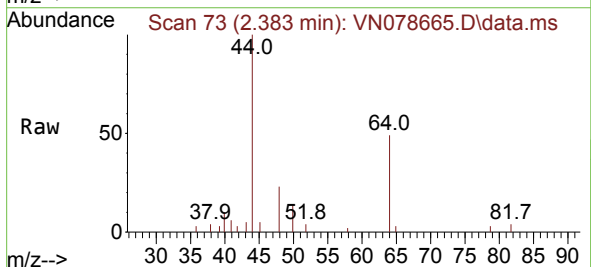
Instrument :
MSVOA_N
ClientSampleId :

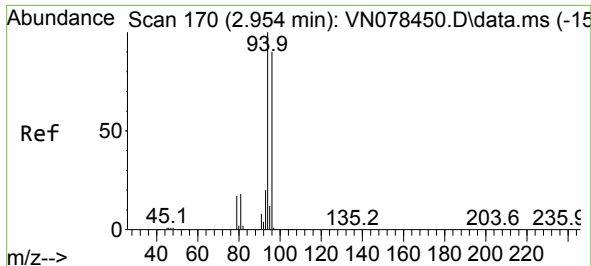
Tgt Ion:168 Resp: 423742
Ion Ratio Lower Upper
168 100
99 59.2 53.0 79.6



#3
Chloromethane
Concen: 0.397 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.012 min
Lab File: VN078665.D
Acq: 27 Jul 2023 17:20

Tgt Ion: 50 Resp: 2244
Ion Ratio Lower Upper
50 100
52 25.4 26.5 39.7#

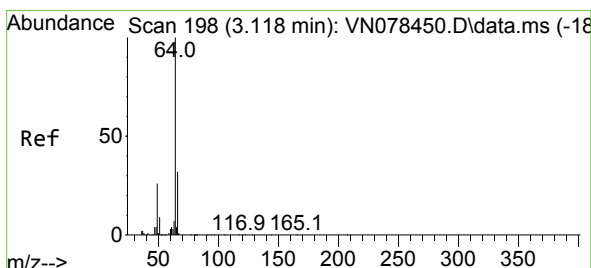
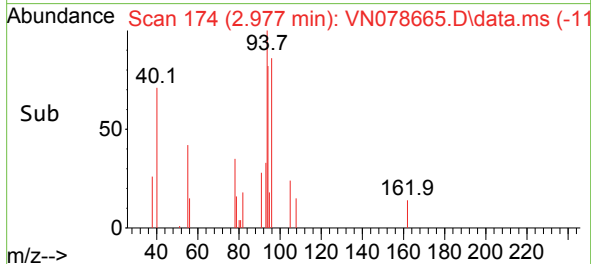
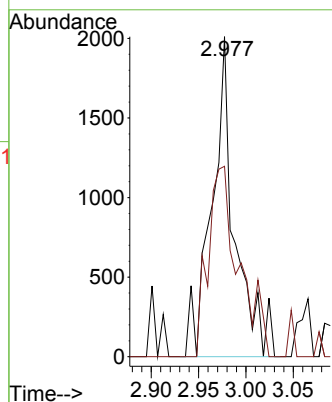
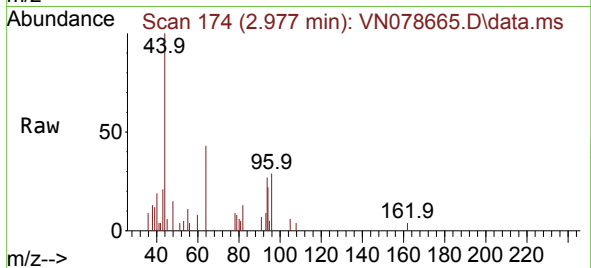




#5
Bromomethane
Concen: Below Cal
RT: 2.977 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN078665.D
Acq: 27 Jul 2023 17:20

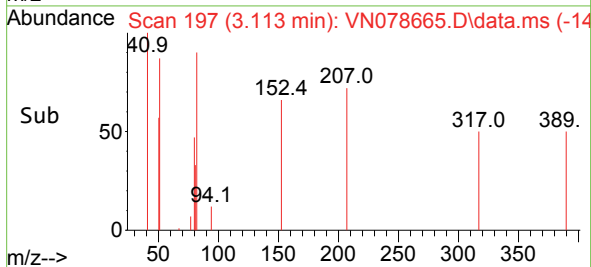
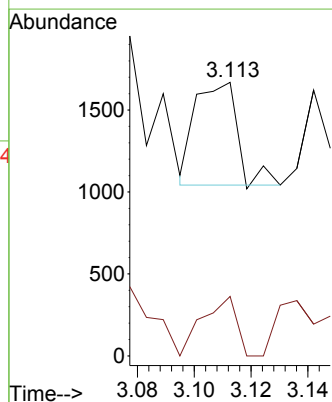
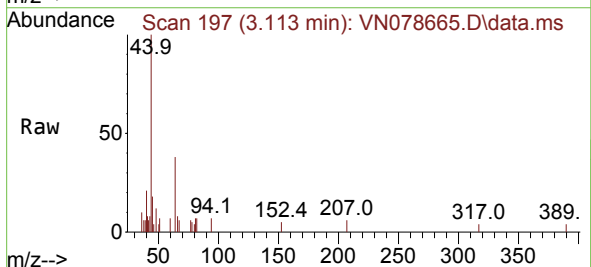
Instrument :
MSVOA_N
ClientSampleId :

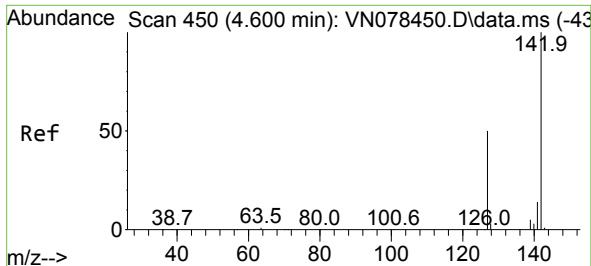
Tgt Ion: 94 Resp: 3391
Ion Ratio Lower Upper
94 100
96 59.5 73.1 109.7#



#6
Chloroethane
Concen: Below Cal
RT: 3.113 min Scan# 197
Delta R.T. -0.005 min
Lab File: VN078665.D
Acq: 27 Jul 2023 17:20

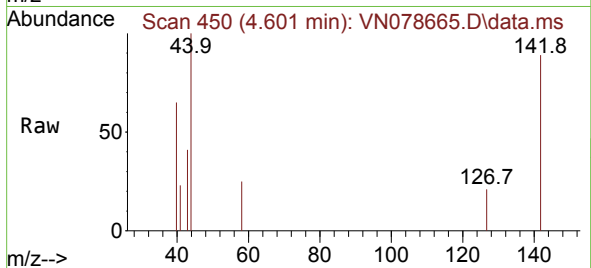
Tgt Ion: 64 Resp: 652
Ion Ratio Lower Upper
64 100
66 57.9 25.4 38.2#



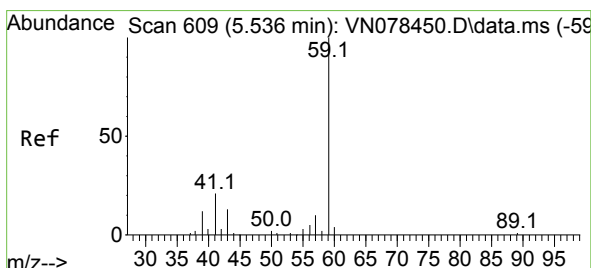
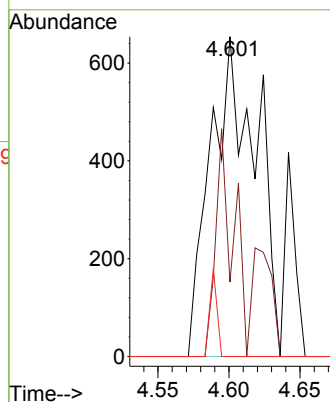
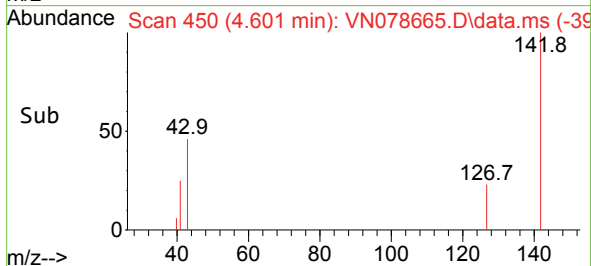


#10
Methyl Iodide
Concen: 0.231 ug/l
RT: 4.601 min Scan# 410
Delta R.T. 0.001 min
Lab File: VN078665.D
Acq: 27 Jul 2023 17:20

Instrument :
MSVOA_N
ClientSampleId :

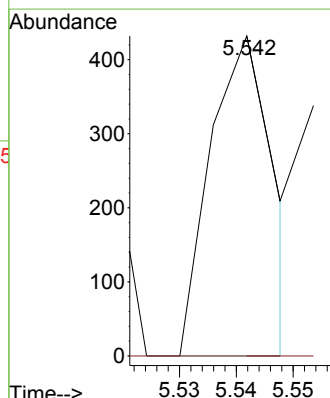
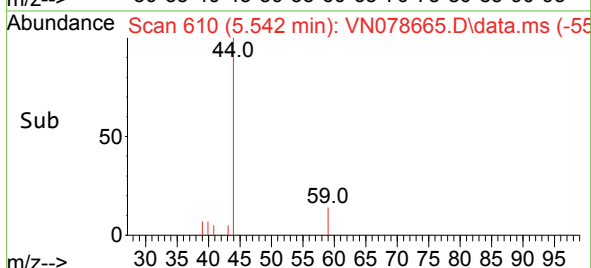
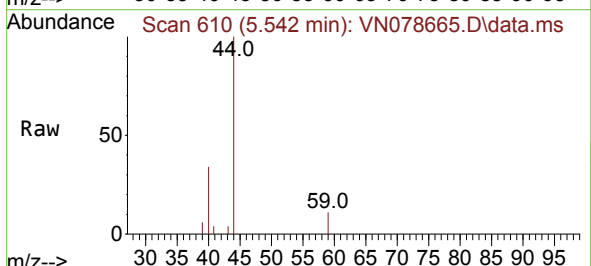


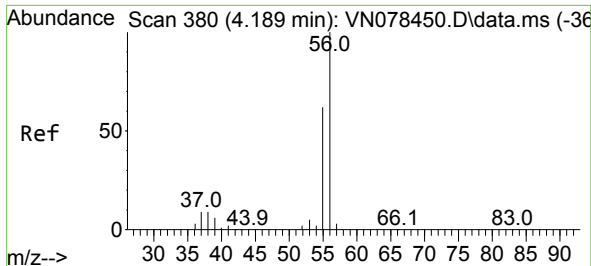
Tgt Ion:142 Resp: 1469
Ion Ratio Lower Upper
142 100
127 23.2 37.6 56.4#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.384 ug/l
RT: 5.542 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN078665.D
Acq: 27 Jul 2023 17:20

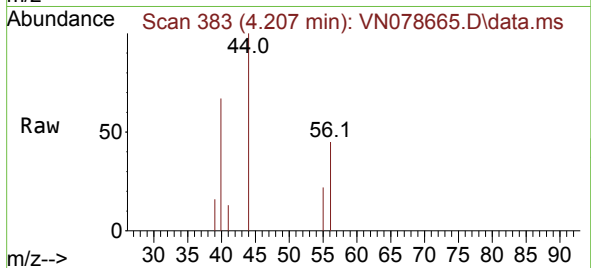
Tgt Ion: 59 Resp: 336
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



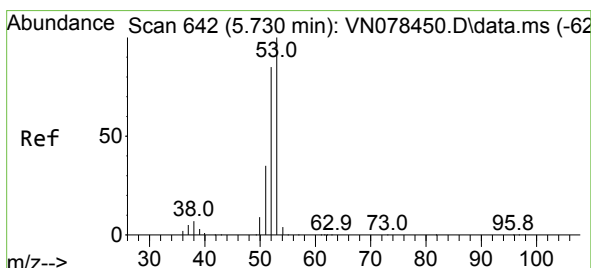
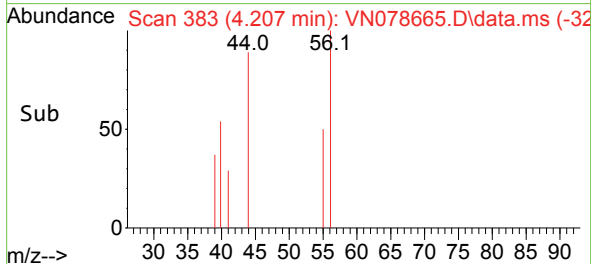
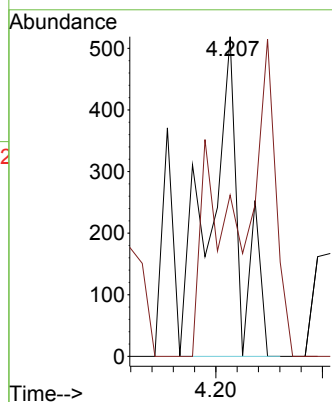


#13
Acrolein
Concen: 0.609 ug/l
RT: 4.207 min Scan# 380
Delta R.T. 0.018 min
Lab File: VN078665.D
Acq: 27 Jul 2023 17:20

Instrument :
MSVOA_N
ClientSampleId :

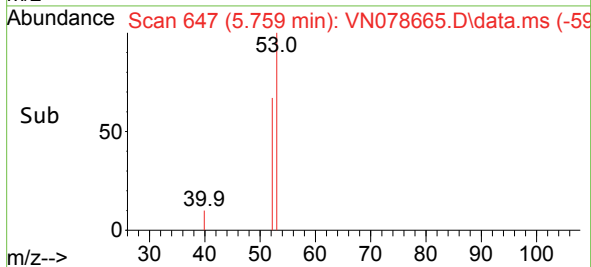
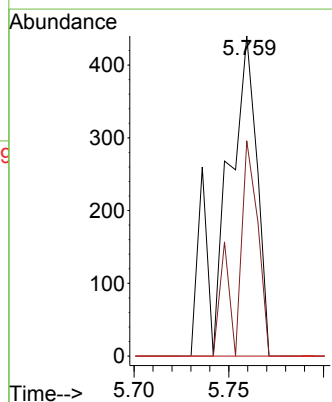
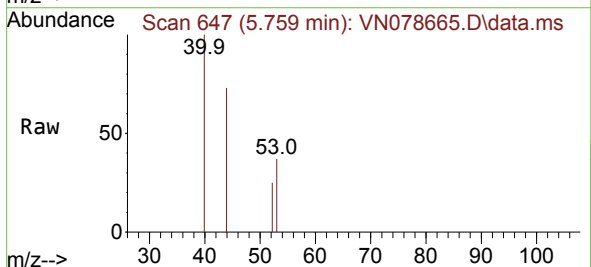


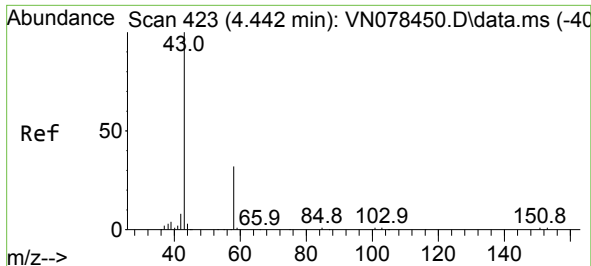
Tgt Ion: 56 Resp: 525
Ion Ratio Lower Upper
56 100
55 64.0 54.5 81.7



#15
Acrylonitrile
Concen: 0.235 ug/l
RT: 5.759 min Scan# 647
Delta R.T. 0.029 min
Lab File: VN078665.D
Acq: 27 Jul 2023 17:20

Tgt Ion: 53 Resp: 521
Ion Ratio Lower Upper
53 100
52 43.2 65.3 97.9#
51 0.0 28.9 43.3#

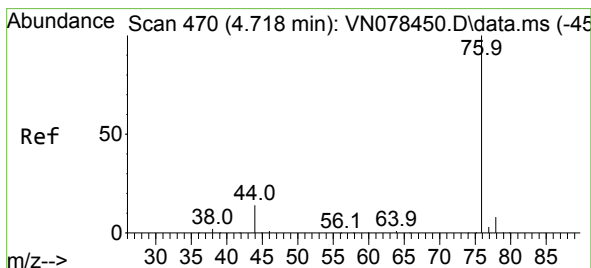
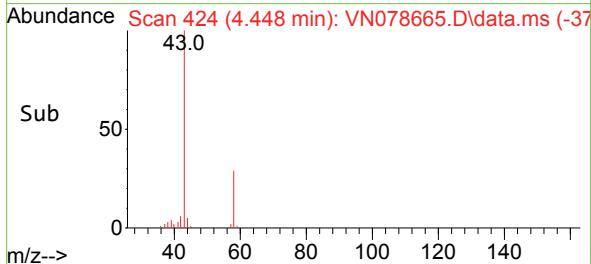
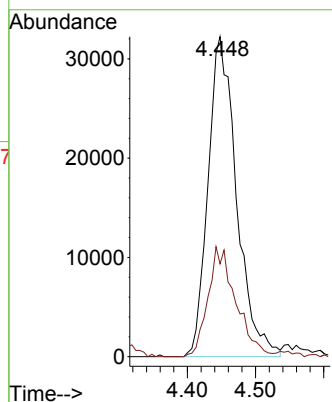
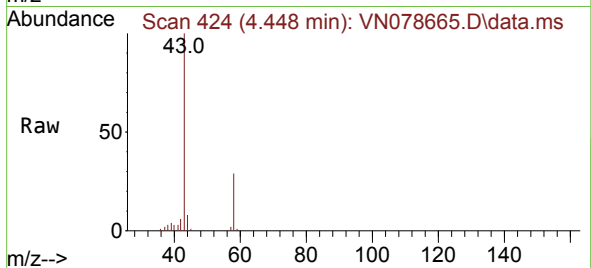




#16
Acetone
Concen: 53.054 ug/l
RT: 4.448 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN078665.D
Acq: 27 Jul 2023 17:20

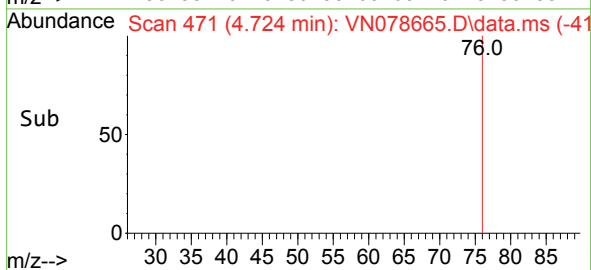
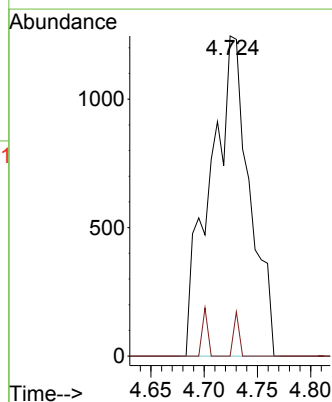
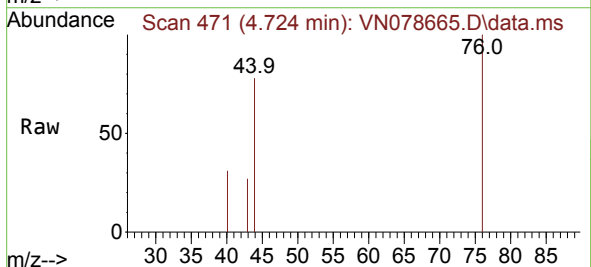
Instrument :
MSVOA_N
ClientSampleId :

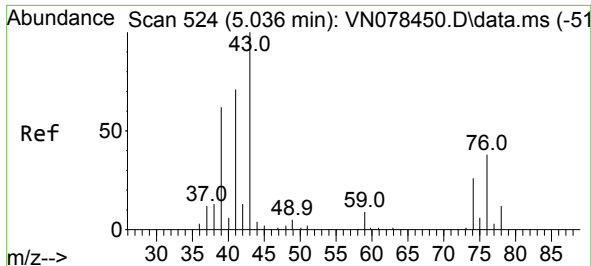
Tgt Ion: 43 Resp: 93881
Ion Ratio Lower Upper
43 100
58 29.0 28.0 42.0



#17
Carbon Disulfide
Concen: 0.246 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.006 min
Lab File: VN078665.D
Acq: 27 Jul 2023 17:20

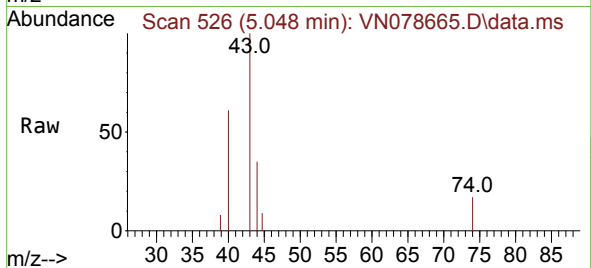
Tgt Ion: 76 Resp: 3187
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



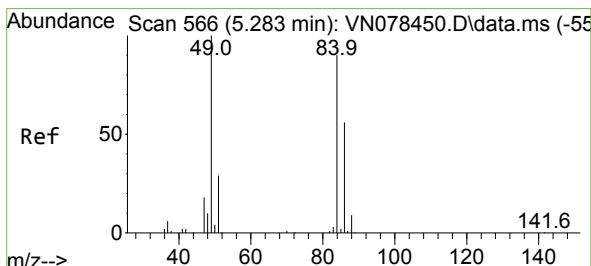
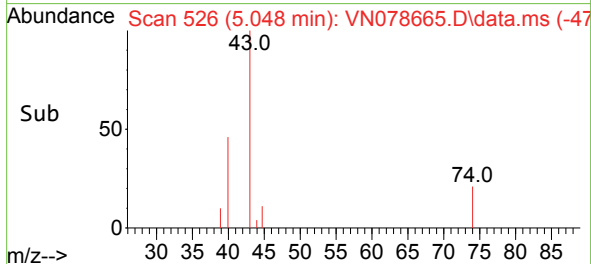
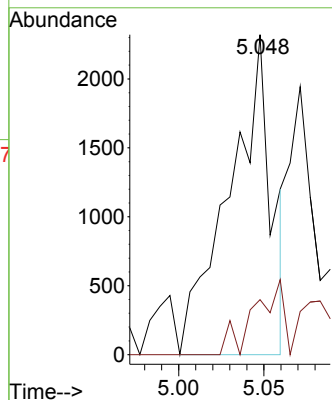


#18
Methyl Acetate
Concen: 0.531 ug/l
RT: 5.048 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN078665.D
Acq: 27 Jul 2023 17:20

Instrument :
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ClientSampleId :

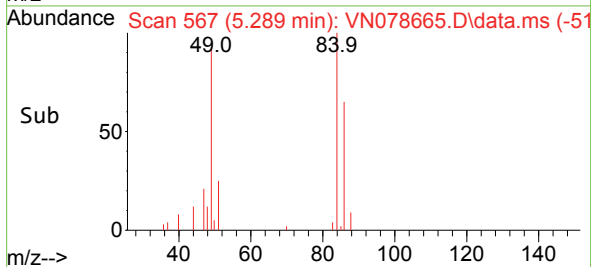
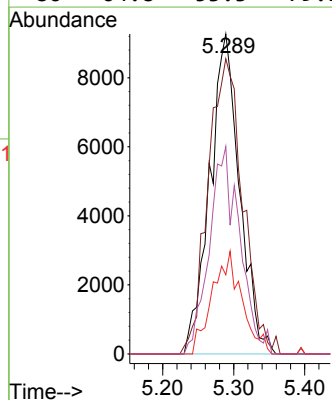
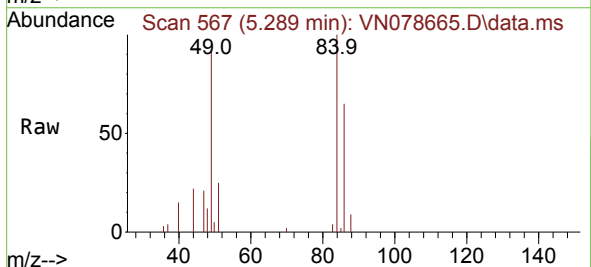


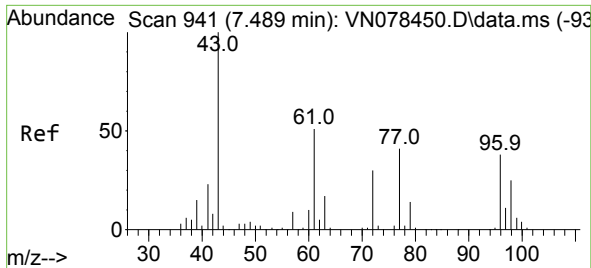
Tgt Ion: 43 Resp: 3979
Ion Ratio Lower Upper
43 100
74 16.1 26.2 39.4#



#20
Methylene Chloride
Concen: 4.216 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078665.D
Acq: 27 Jul 2023 17:20

Tgt Ion: 84 Resp: 27082
Ion Ratio Lower Upper
84 100
49 92.3 79.7 119.5
51 24.8 25.2 37.8#
86 64.8 53.3 79.9

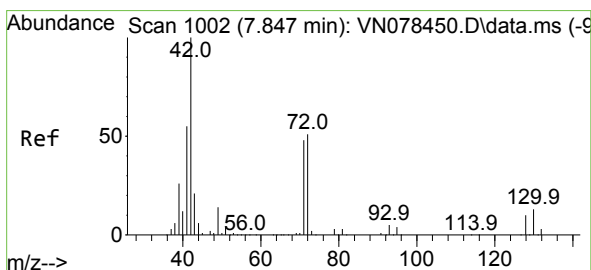
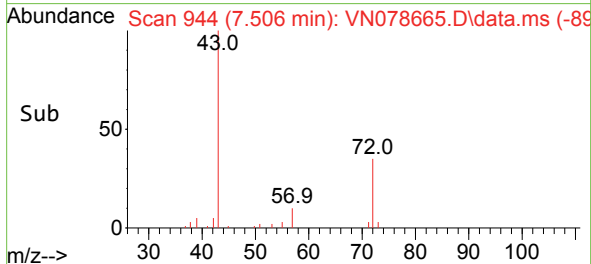
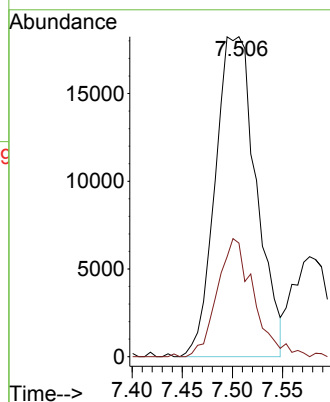
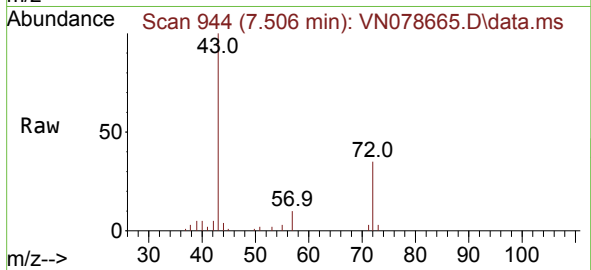




#25
2-Butanone
Concen: 18.647 ug/l
RT: 7.506 min Scan# 941
Delta R.T. 0.017 min
Lab File: VN078665.D
Acq: 27 Jul 2023 17:20

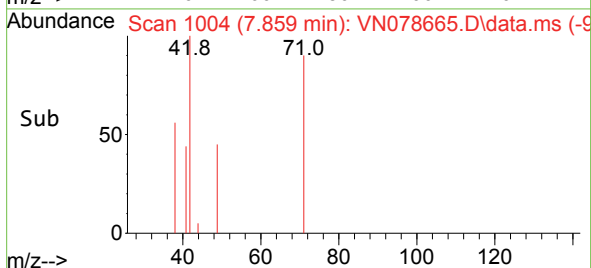
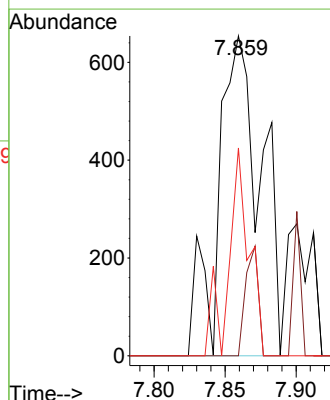
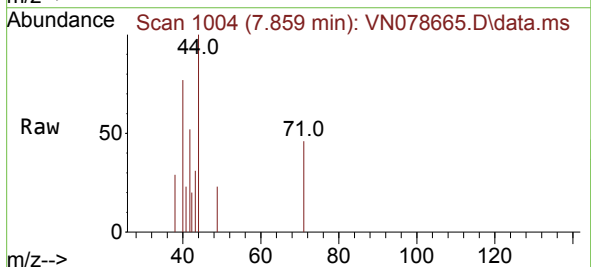
Instrument :
MSVOA_N
ClientSampleId :

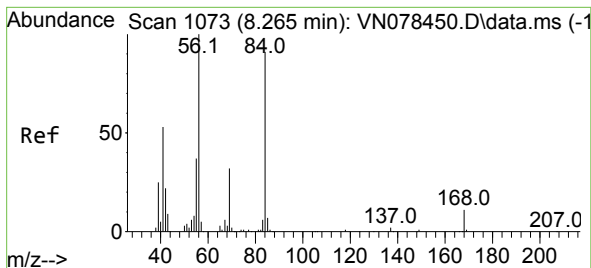
Tgt Ion: 43 Resp: 51940
Ion Ratio Lower Upper
43 100
72 35.5 30.2 45.2



#29
Tetrahydrofuran
Concen: 0.748 ug/l
RT: 7.859 min Scan# 1004
Delta R.T. 0.012 min
Lab File: VN078665.D
Acq: 27 Jul 2023 17:20

Tgt Ion: 42 Resp: 1367
Ion Ratio Lower Upper
42 100
72 10.2 49.8 74.6#
71 31.7 47.4 71.2#

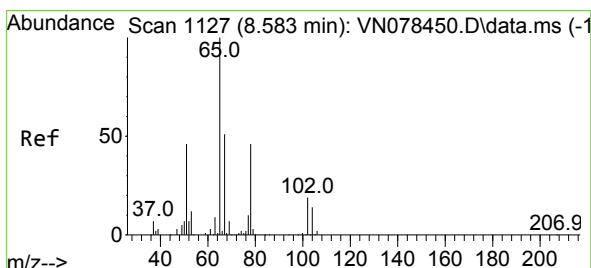
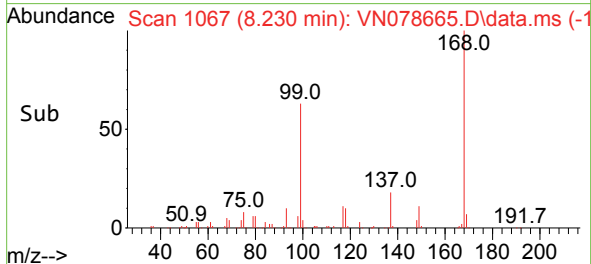
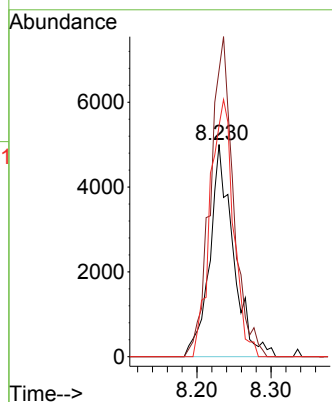
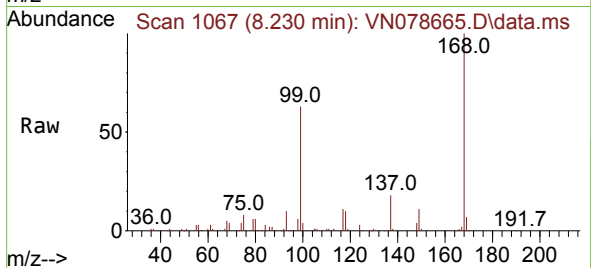




#31
Cyclohexane
Concen: 1.434 ug/l
RT: 8.230 min Scan# 11006
Delta R.T. -0.035 min
Lab File: VN078665.D
Acq: 27 Jul 2023 17:20

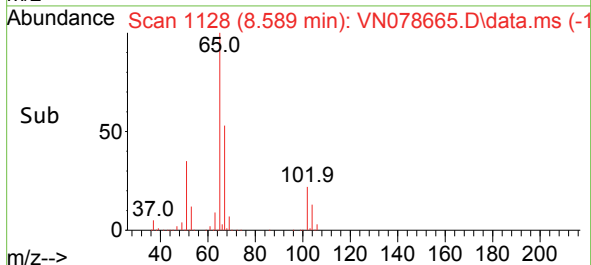
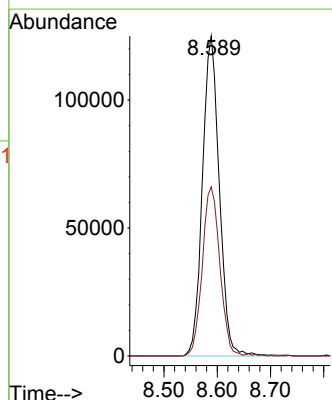
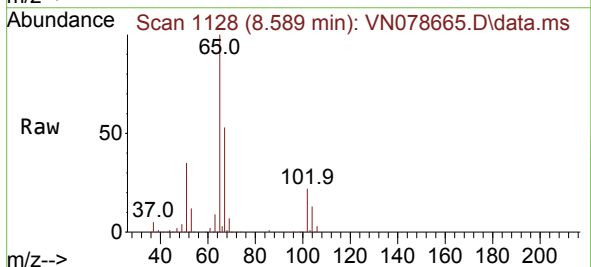
Instrument :
MSVOA_N
ClientSampleId :

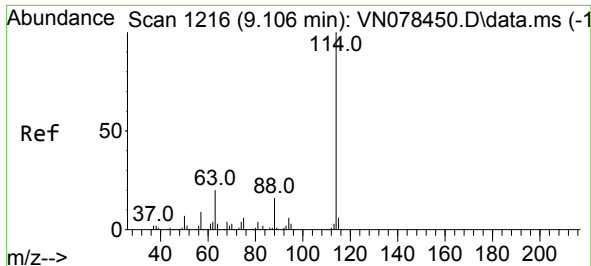
Tgt Ion: 56 Resp: 11006
Ion Ratio Lower Upper
56 100
69 135.0 26.8 40.2#
84 108.9 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 48.353 ug/l
RT: 8.589 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078665.D
Acq: 27 Jul 2023 17:20

Tgt Ion: 65 Resp: 274679
Ion Ratio Lower Upper
65 100
67 54.8 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078665.D

Acq: 27 Jul 2023 17:20

Instrument :

MSVOA_N

ClientSampleId :

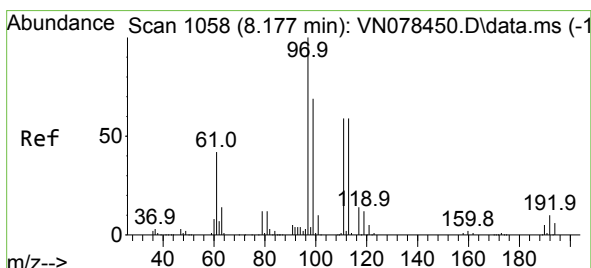
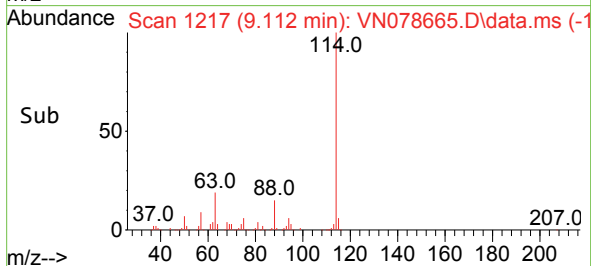
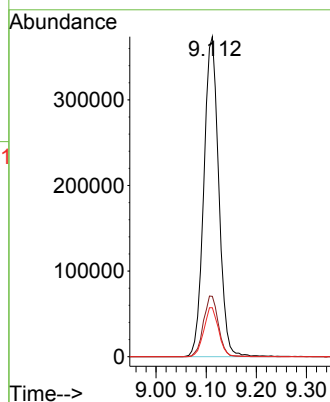
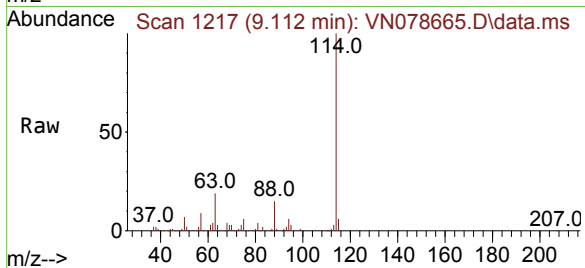
Tgt Ion:114 Resp: 772665

Ion Ratio Lower Upper

114 100

63 18.9 0.0 36.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.461 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078665.D

Acq: 27 Jul 2023 17:20

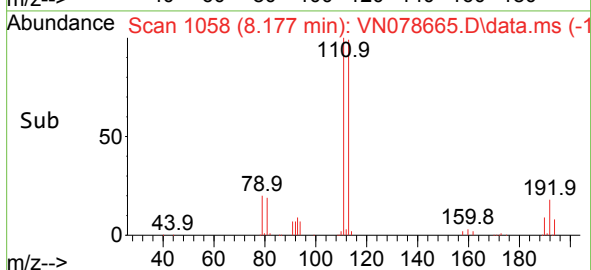
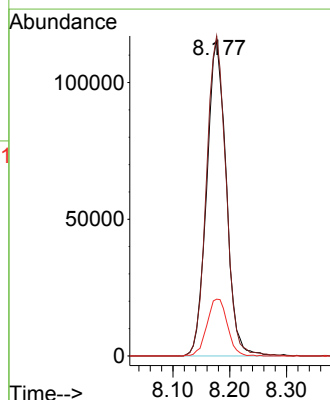
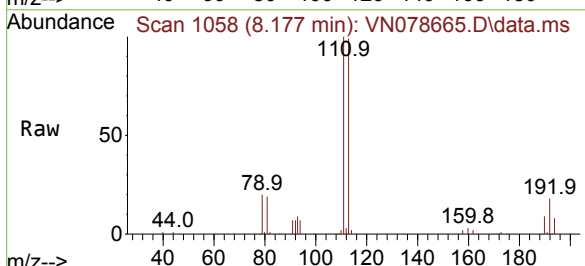
Tgt Ion:113 Resp: 275165

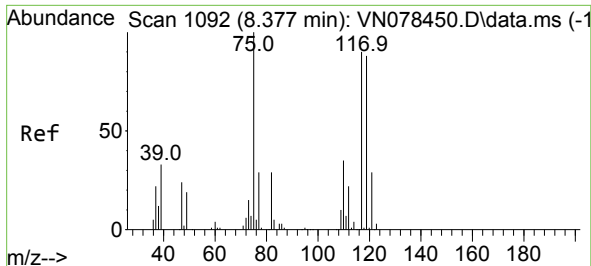
Ion Ratio Lower Upper

113 100

111 101.5 82.6 123.8

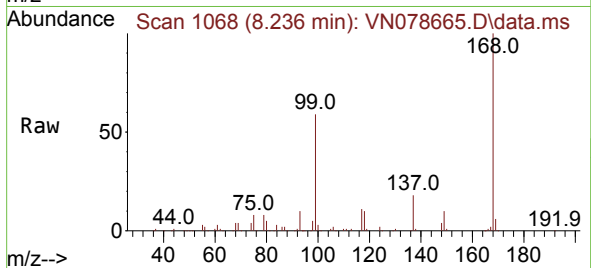
192 18.9 12.7 19.1



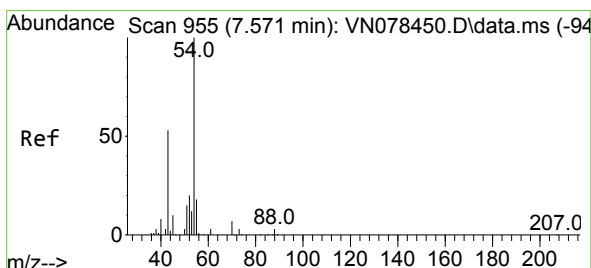
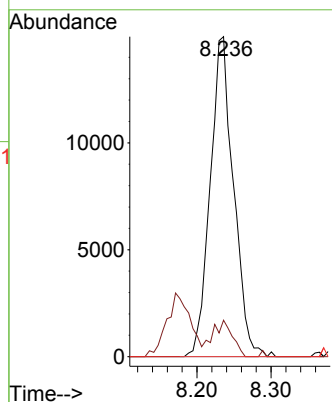
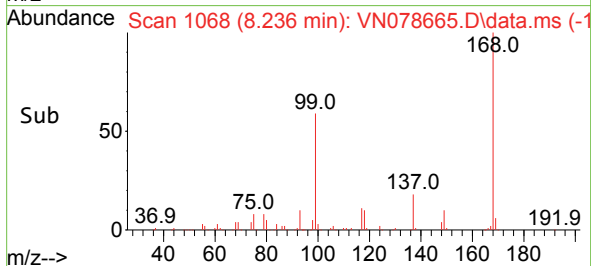


#36
1,1-Dichloropropene
Concen: 4.328 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VN078665.D
Acq: 27 Jul 2023 17:20

Instrument :
MSVOA_N
ClientSampleId :

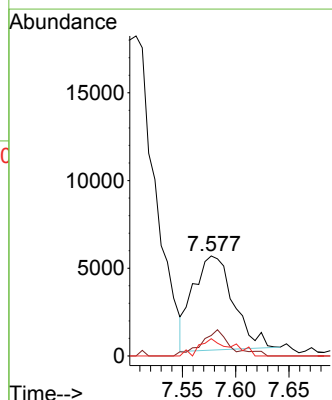
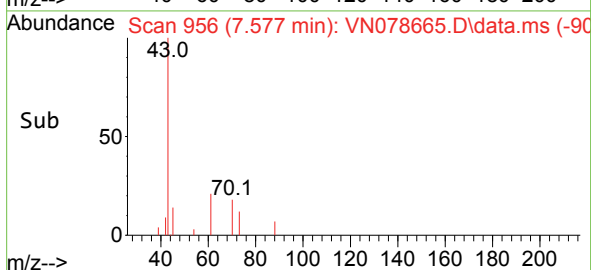
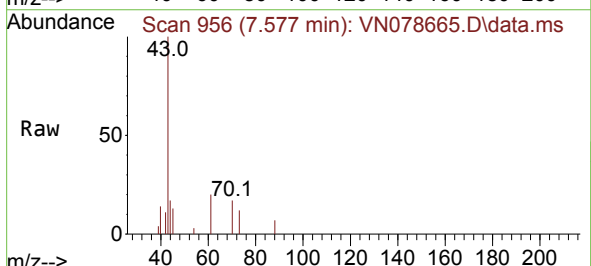


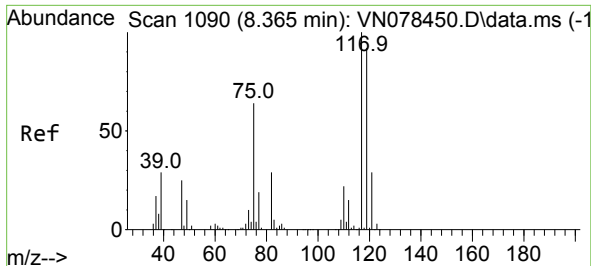
Tgt Ion: 75 Resp: 32781
Ion Ratio Lower Upper
75 100
110 9.7 19.1 57.3#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 2.229 ug/l
RT: 7.577 min Scan# 956
Delta R.T. 0.006 min
Lab File: VN078665.D
Acq: 27 Jul 2023 17:20

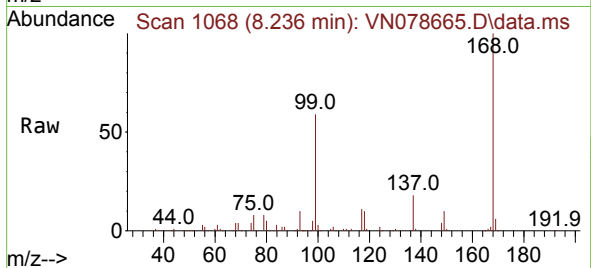
Tgt Ion: 43 Resp: 14073
Ion Ratio Lower Upper
43 100
61 20.1 13.2 19.8#
70 15.0 11.3 16.9



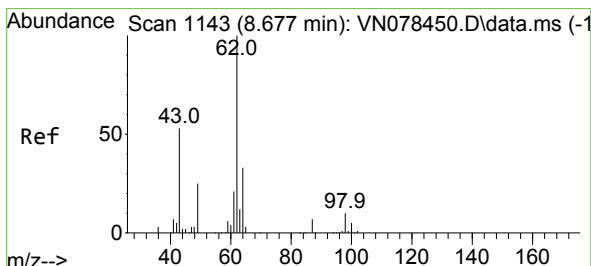
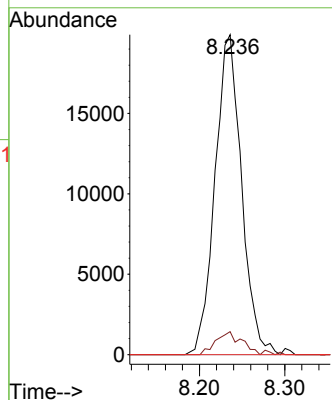
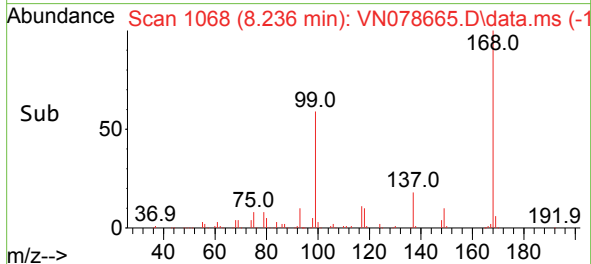


#38
Carbon Tetrachloride
Concen: 5.218 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.129 min
Lab File: VN078665.D
Acq: 27 Jul 2023 17:20

Instrument :
MSVOA_N
ClientSampleId :

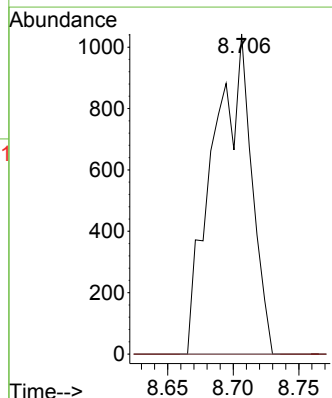
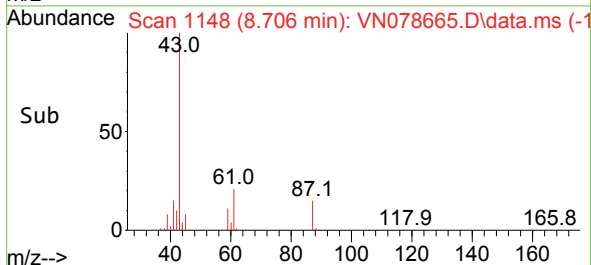
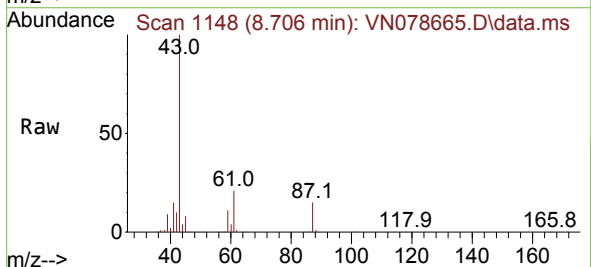


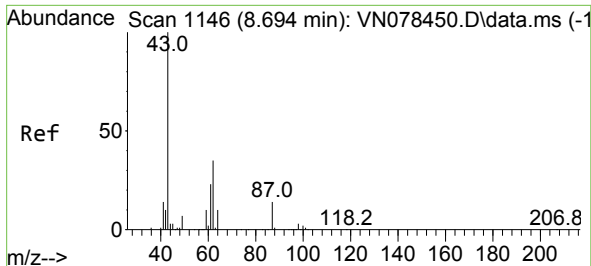
Tgt Ion:117 Resp: 42952
Ion Ratio Lower Upper
117 100
119 7.2 77.3 115.9#
121 0.0 23.3 34.9#



#42
1,2-Dichloroethane
Concen: 0.278 ug/l
RT: 8.706 min Scan# 1148
Delta R.T. 0.029 min
Lab File: VN078665.D
Acq: 27 Jul 2023 17:20

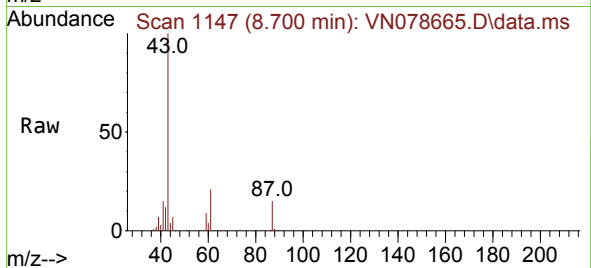
Tgt Ion: 62 Resp: 2122
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.8



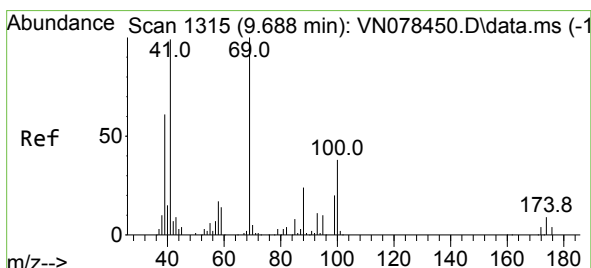
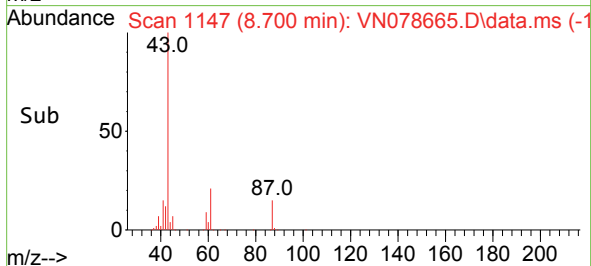
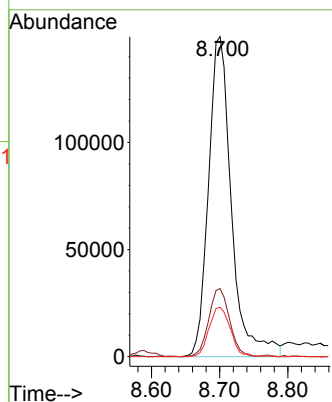


#43
Isopropyl Acetate
Concen: 33.682 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN078665.D
Acq: 27 Jul 2023 17:20

Instrument :
MSVOA_N
ClientSampleId :

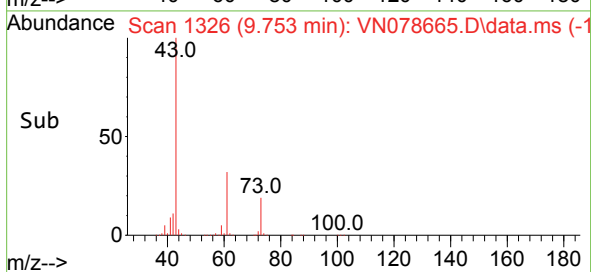
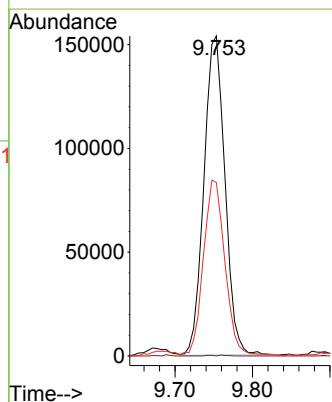
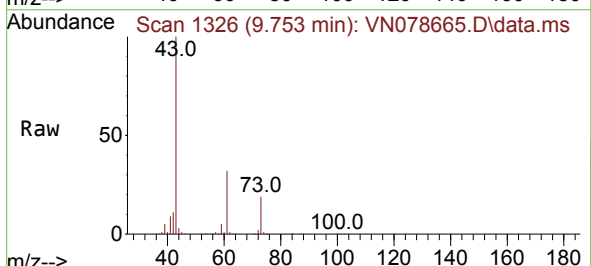


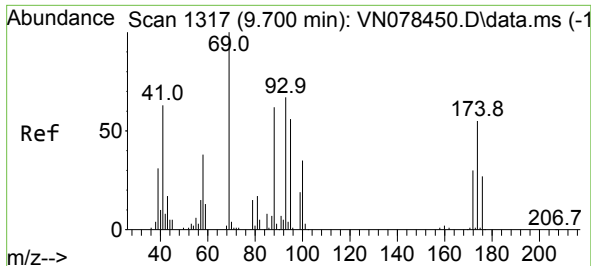
Tgt Ion: 43 Resp: 350093
Ion Ratio Lower Upper
43 100
61 19.3 24.7 37.1#
87 14.3 14.6 21.8#



#48
Methyl methacrylate
Concen: 60.241 ug/l
RT: 9.753 min Scan# 1326
Delta R.T. 0.065 min
Lab File: VN078665.D
Acq: 27 Jul 2023 17:20

Tgt Ion: 41 Resp: 290091
Ion Ratio Lower Upper
41 100
69 0.1 90.4 135.6#
39 0.0 54.6 81.8#





#49

1,4-Dioxane

Concen: 1.362 ug/l

RT: 9.718 min Scan# 11

Delta R.T. 0.018 min

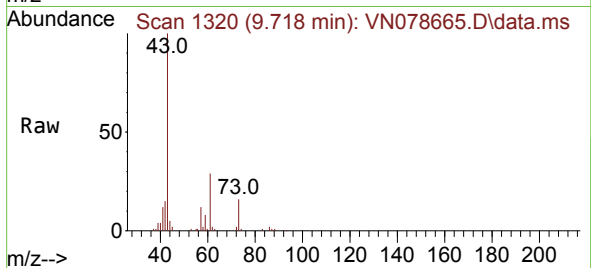
Lab File: VN078665.D

Acq: 27 Jul 2023 17:20

Instrument :

MSVOA_N

ClientSampleId :



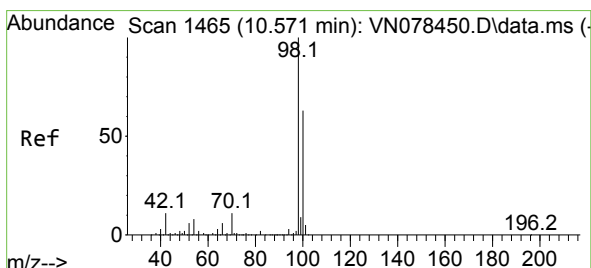
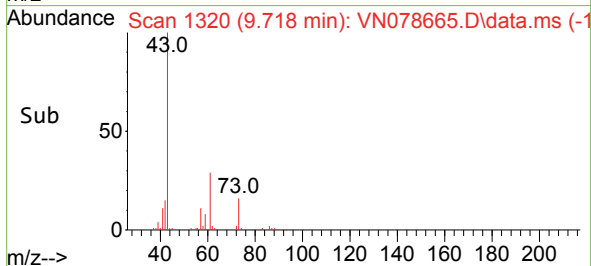
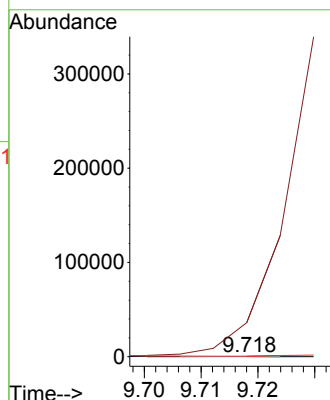
Tgt Ion: 88 Resp: 143

Ion Ratio Lower Upper

88 100

43 0.0 17.0 25.6#

58 0.0 47.0 70.4#



#50

Toluene-d8

Concen: 48.238 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078665.D

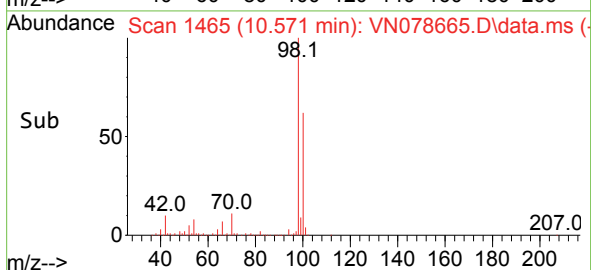
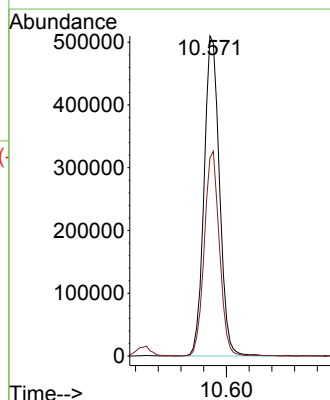
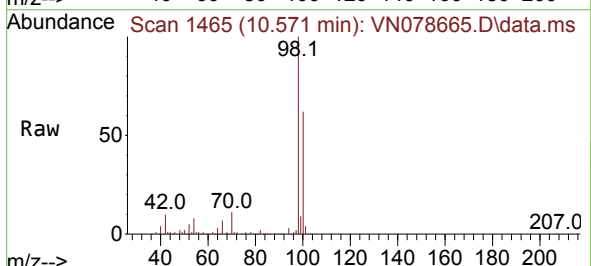
Acq: 27 Jul 2023 17:20

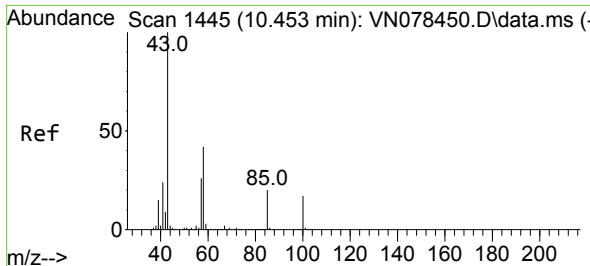
Tgt Ion: 98 Resp: 955807

Ion Ratio Lower Upper

98 100

100 62.8 52.0 78.0

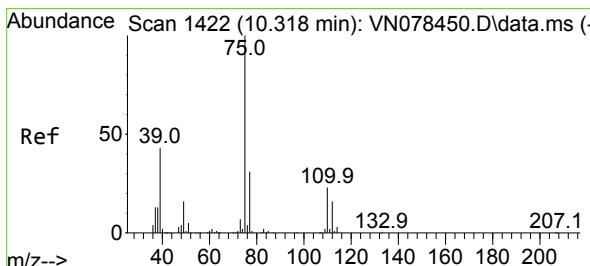
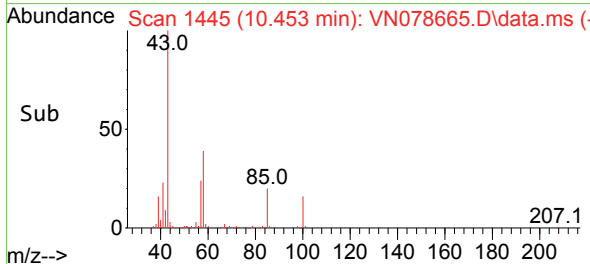
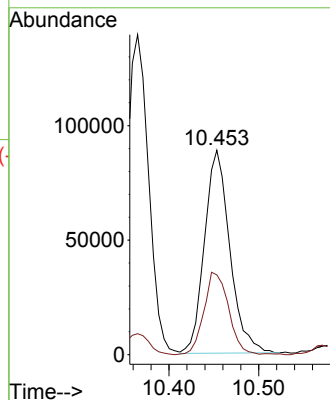
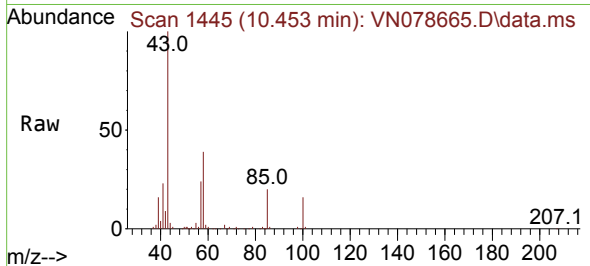




#51
4-Methyl-2-Pentanone
Concen: 28.156 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078665.D
Acq: 27 Jul 2023 17:20

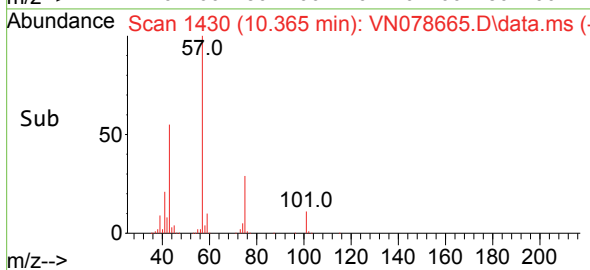
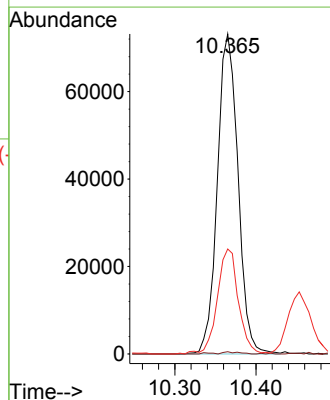
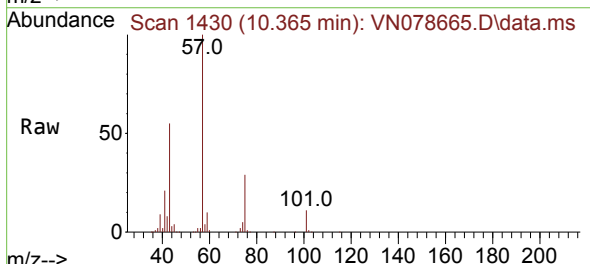
Instrument :
MSVOA_N
ClientSampleId :

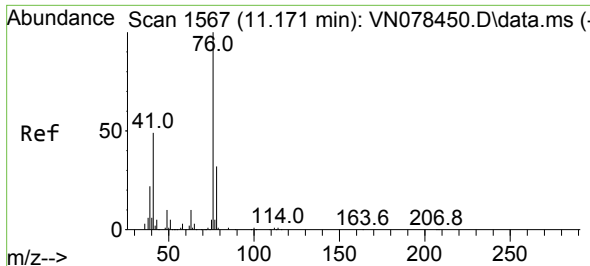
Tgt Ion: 43 Resp: 174075
Ion Ratio Lower Upper
43 100
58 39.5 36.6 54.8



#54
cis-1,3-Dichloropropene
Concen: 14.775 ug/l
RT: 10.365 min Scan# 1430
Delta R.T. 0.047 min
Lab File: VN078665.D
Acq: 27 Jul 2023 17:20

Tgt Ion: 75 Resp: 129364
Ion Ratio Lower Upper
75 100
77 0.7 26.1 39.1#
39 32.5 31.6 47.4





#57

1,3-Dichloropropane

Concen: 1.811 ug/l

RT: 11.206 min Scan# 1573

Delta R.T. 0.035 min

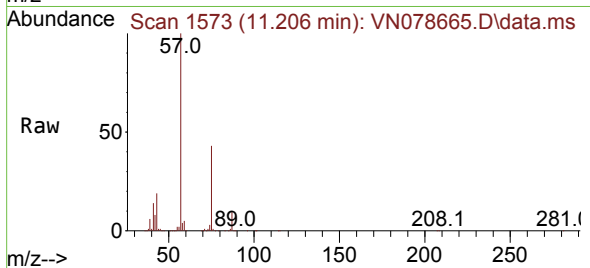
Lab File: VN078665.D

Acq: 27 Jul 2023 17:20

Instrument :

MSVOA_N

ClientSampleId :

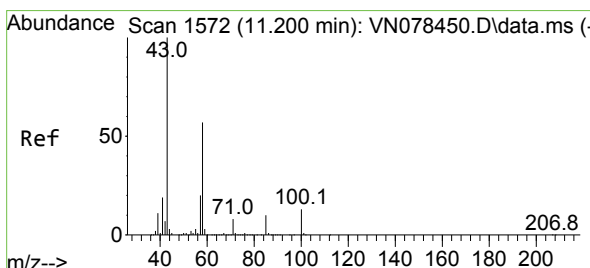
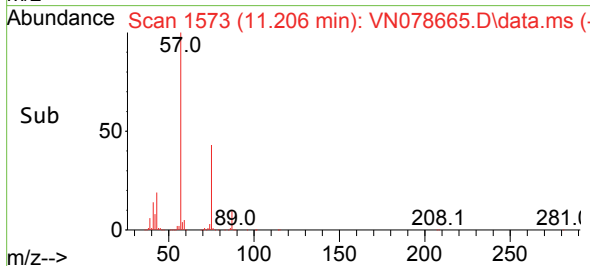
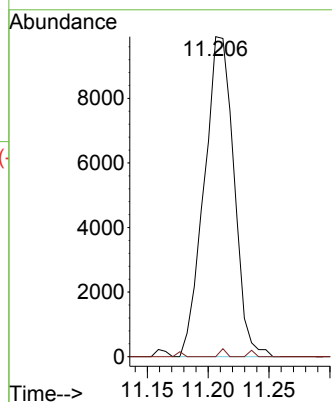


Tgt Ion: 76 Resp: 16870

Ion Ratio Lower Upper

76 100

78 0.5 26.1 39.1#



#59

2-Hexanone

Concen: 60.568 ug/l

RT: 11.177 min Scan# 1568

Delta R.T. -0.023 min

Lab File: VN078665.D

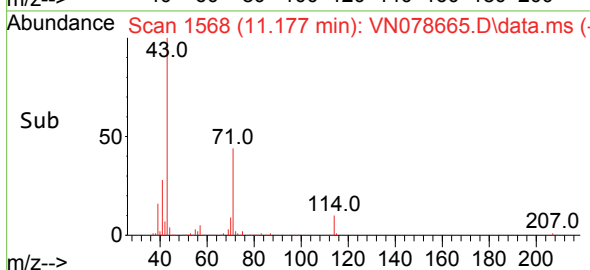
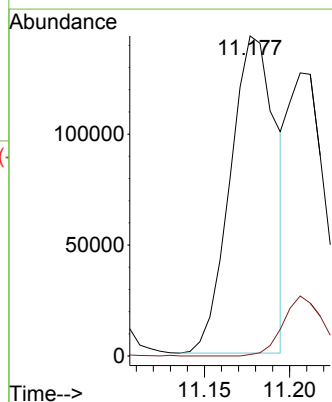
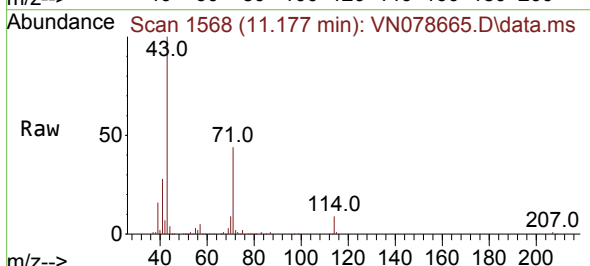
Acq: 27 Jul 2023 17:20

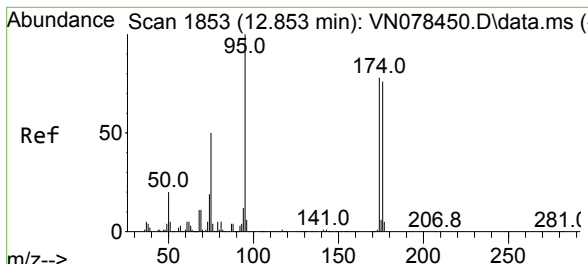
Tgt Ion: 43 Resp: 266135

Ion Ratio Lower Upper

43 100

58 0.0 31.7 95.1#

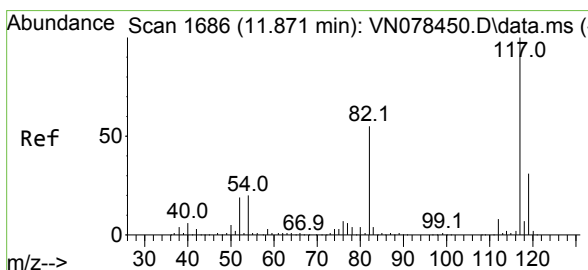
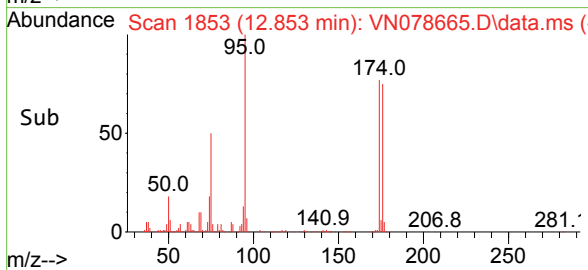
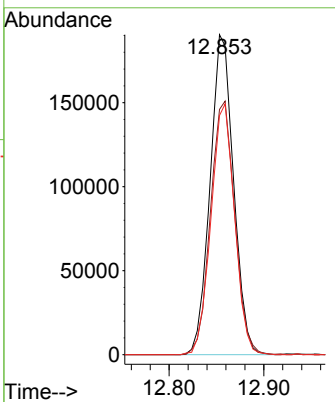
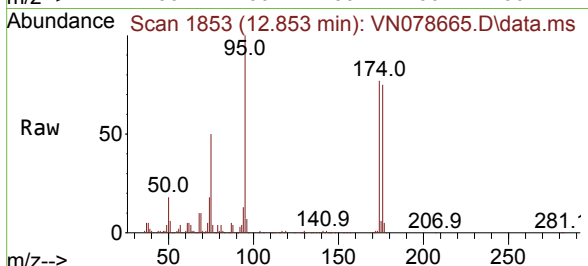




#62
 4-Bromofluorobenzene
 Concen: 53.730 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VN078665.D
 Acq: 27 Jul 2023 17:20

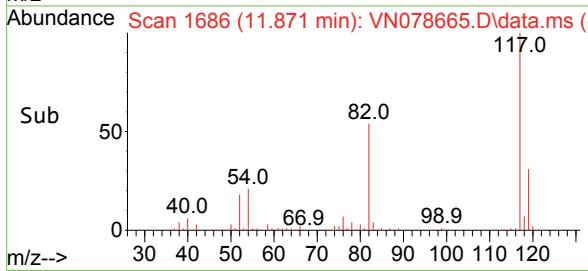
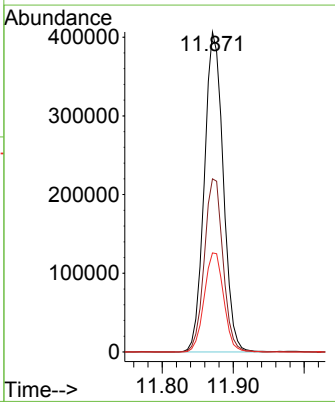
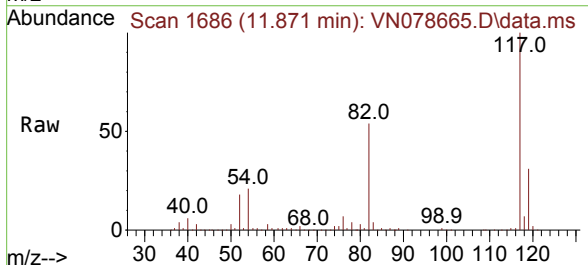
Instrument :
 MSVOA_N
 ClientSampleId :

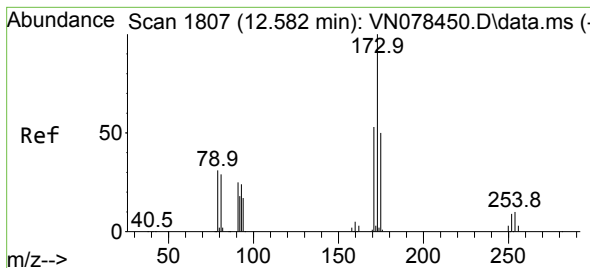
Tgt Ion:	95	Resp:	327926
Ion	Ratio	Lower	Upper
95	100		
174	82.0	0.0	143.8
176	78.8	0.0	135.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.871 min Scan# 1686
 Delta R.T. -0.000 min
 Lab File: VN078665.D
 Acq: 27 Jul 2023 17:20

Tgt Ion:	117	Resp:	751382
Ion	Ratio	Lower	Upper
117	100		
82	54.1	44.0	66.0
119	31.0	25.6	38.4





#71

Bromoform

Concen: 0.388 ug/l

RT: 12.853 min Scan# 11

Delta R.T. 0.271 min

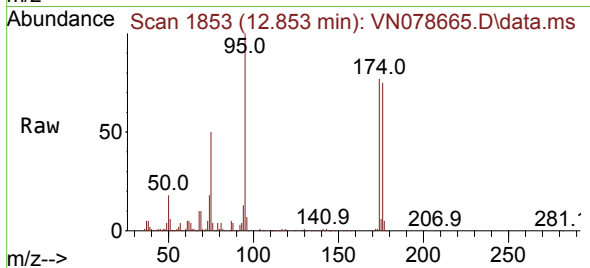
Lab File: VN078665.D

Acq: 27 Jul 2023 17:20

Instrument :

MSVOA_N

ClientSampleId :



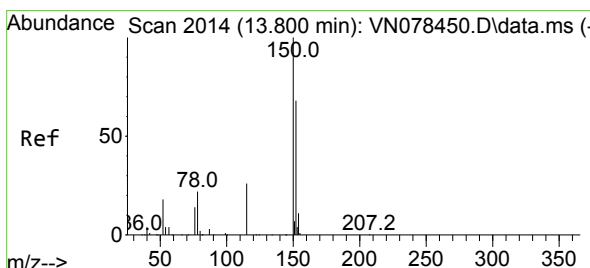
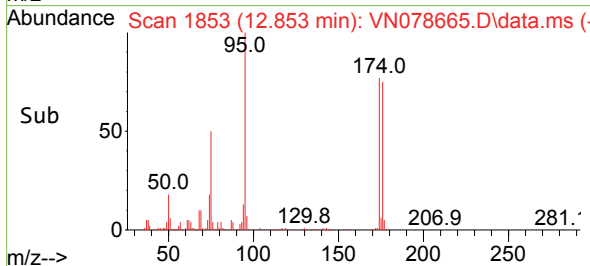
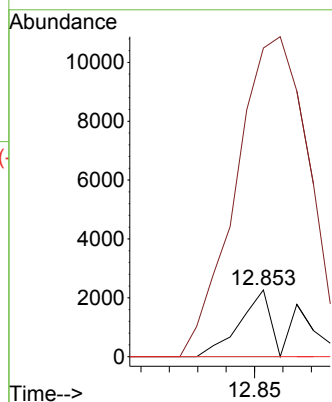
Tgt Ion:173 Resp: 1698

Ion Ratio Lower Upper

173 100

175 0.0 24.3 73.0#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. 0.000 min

Lab File: VN078665.D

Acq: 27 Jul 2023 17:20

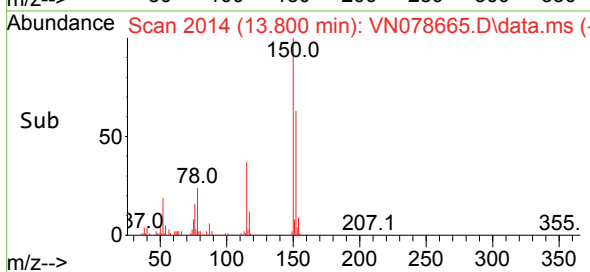
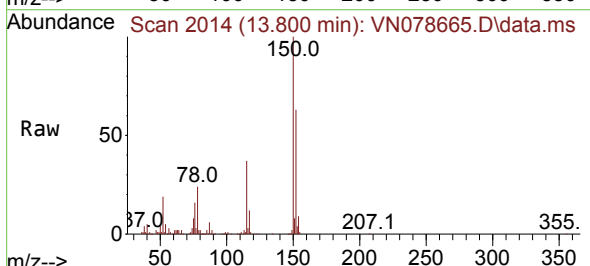
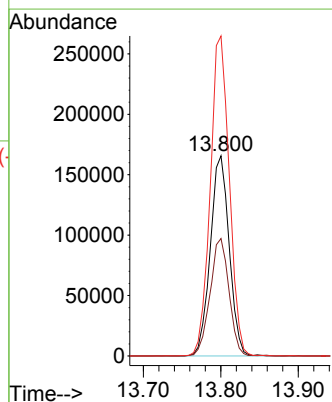
Tgt Ion:152 Resp: 280815

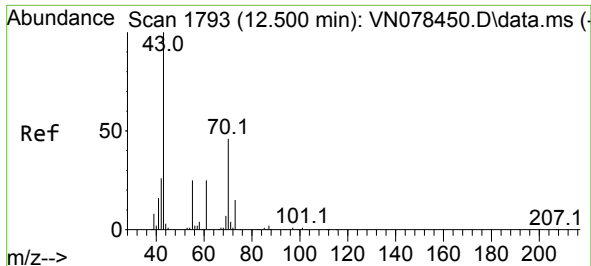
Ion Ratio Lower Upper

152 100

115 58.7 32.3 96.8

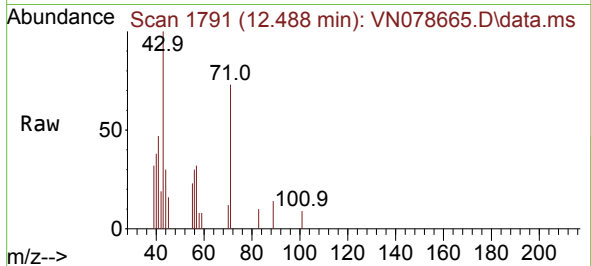
150 160.6 0.0 355.8



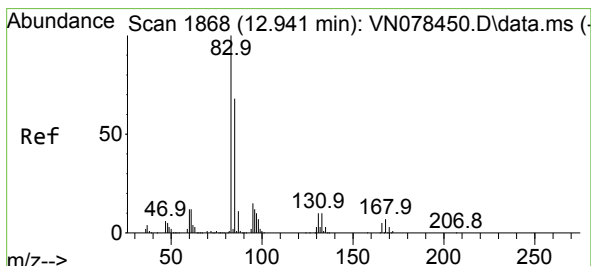
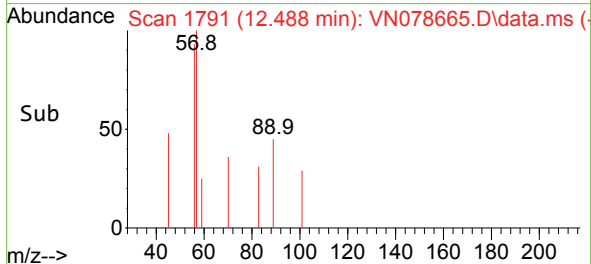
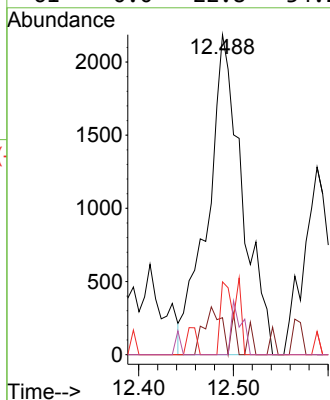


#74
N-amy1 acetate
Concen: 0.608 ug/l
RT: 12.488 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN078665.D
Acq: 27 Jul 2023 17:20

Instrument :
MSVOA_N
ClientSampleId :

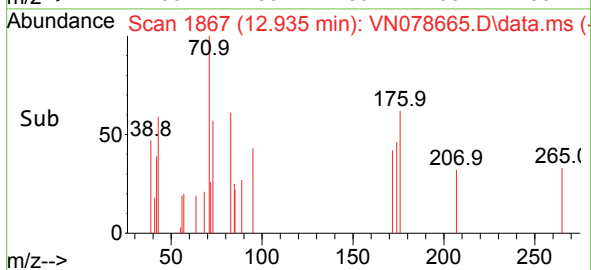
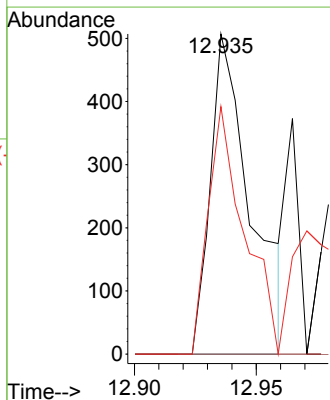
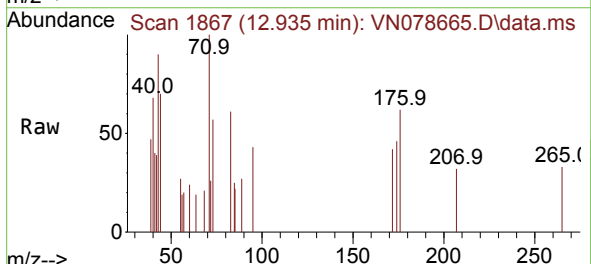


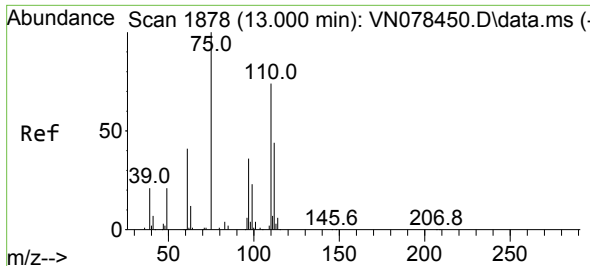
Tgt Ion: 43	Resp: 5530
Ion Ratio	Lower Upper
43	100
70	9.4 43.4 65.2#
55	0.0 21.4 32.0#
61	0.0 22.8 34.2#



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN078665.D
Acq: 27 Jul 2023 17:20

Tgt Ion: 83	Resp: 584
Ion Ratio	Lower Upper
83	100
131	0.0 5.0 15.0#
85	69.2 31.9 95.7

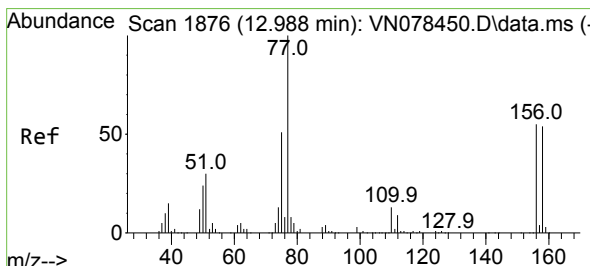
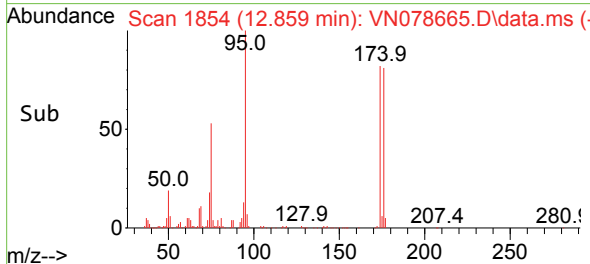
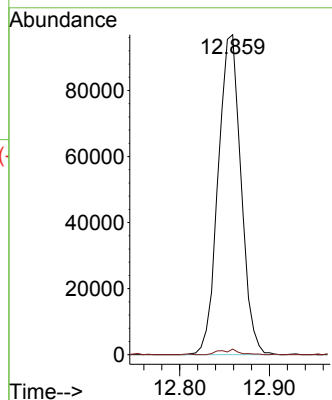
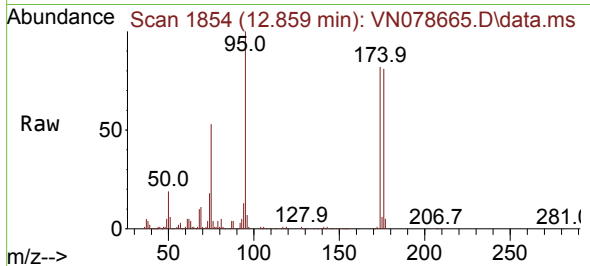




#76
1,2,3-Trichloropropane
Concen: 25.259 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. -0.141 min
Lab File: VN078665.D
Acq: 27 Jul 2023 17:20

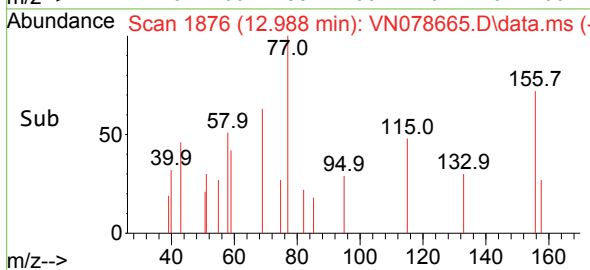
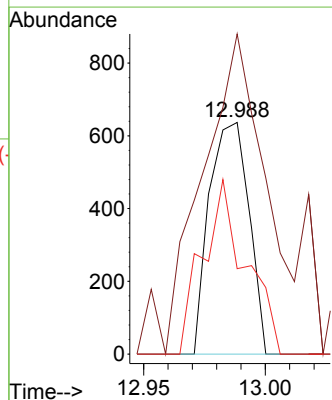
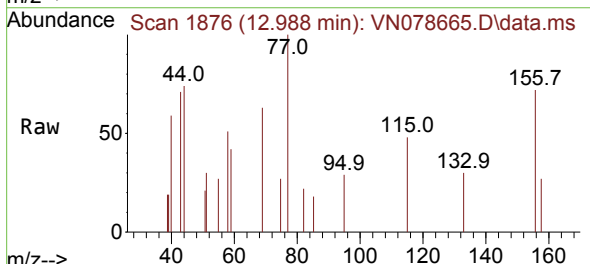
Instrument :
MSVOA_N
ClientSampleId :

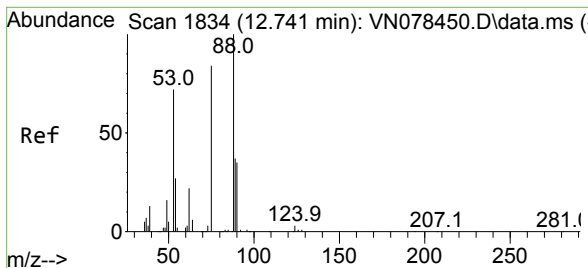
Tgt Ion: 75 Resp: 171447
Ion Ratio Lower Upper
75 100
77 0.7 84.5 253.5#



#77
Bromobenzene
Concen: Below Cal
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN078665.D
Acq: 27 Jul 2023 17:20

Tgt Ion:156 Resp: 720
Ion Ratio Lower Upper
156 100
77 268.9 107.7 323.3
158 81.9 48.4 145.3

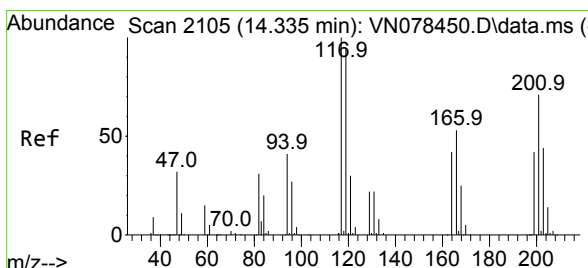
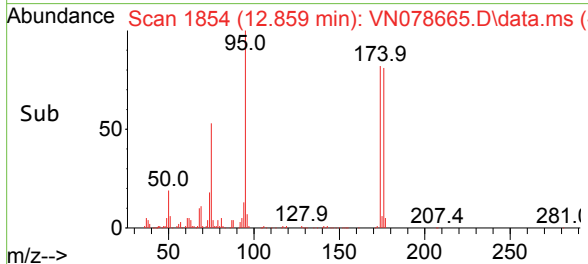
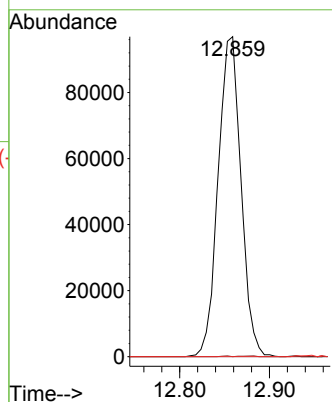
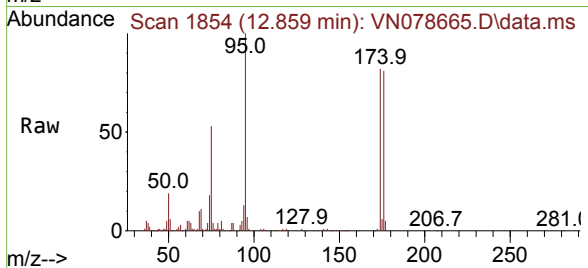




#81
trans-1,4-Dichloro-2-butene
Concen: 66.375 ug/l
RT: 12.859 min Scan# 11
Delta R.T. 0.118 min
Lab File: VN078665.D
Acq: 27 Jul 2023 17:20

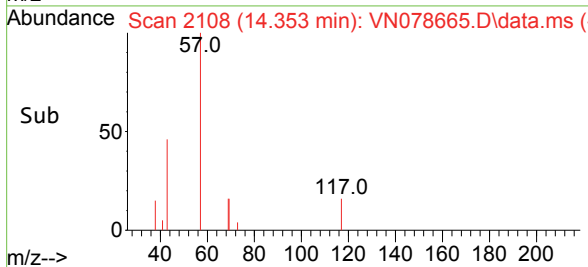
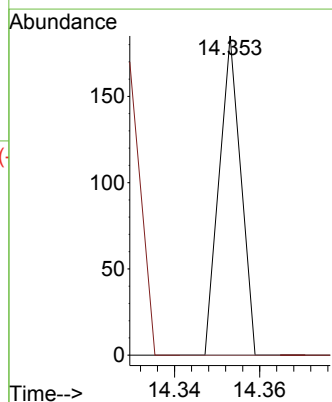
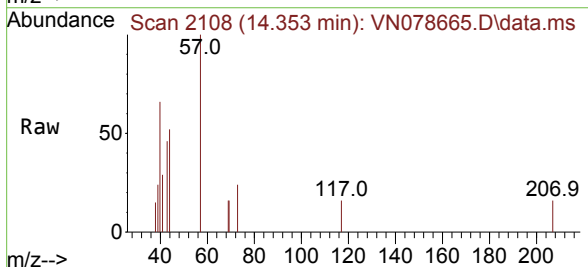
Instrument :
MSVOA_N
ClientSampleId :

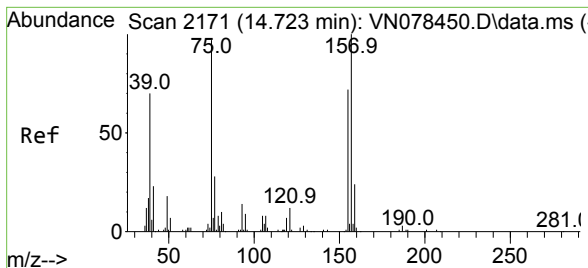
Tgt Ion: 75 Resp: 171447
Ion Ratio Lower Upper
75 100
53 0.1 67.4 101.2#
89 0.0 38.8 58.2#



#90
Hexachloroethane
Concen: Below Cal
RT: 14.353 min Scan# 2108
Delta R.T. 0.018 min
Lab File: VN078665.D
Acq: 27 Jul 2023 17:20

Tgt Ion: 117 Resp: 65
Ion Ratio Lower Upper
117 100
201 0.0 29.3 88.0#

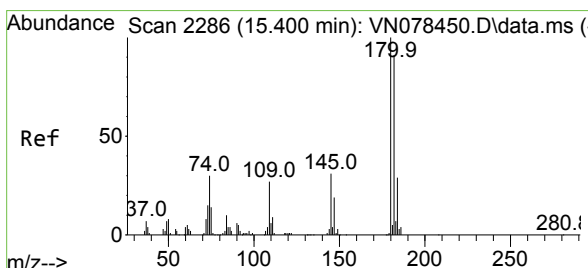
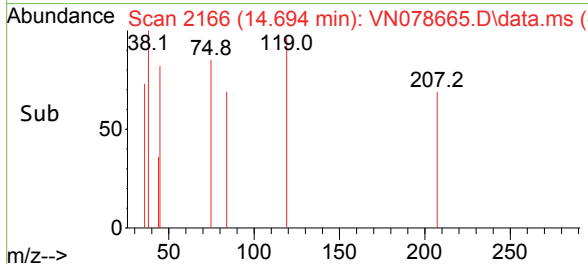
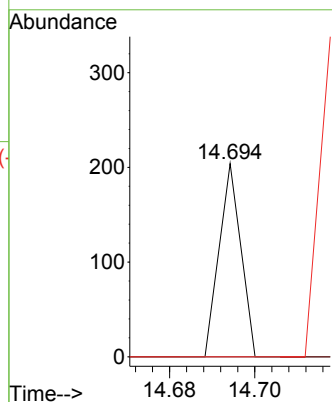
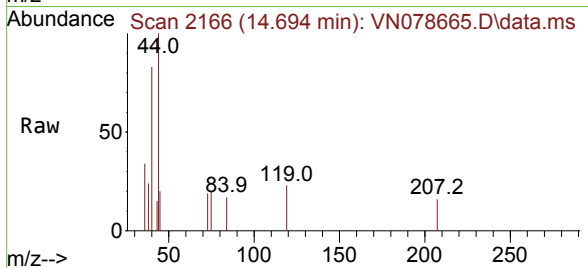




#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.694 min Scan# 2166
 Delta R.T. -0.029 min
 Lab File: VN078665.D
 Acq: 27 Jul 2023 17:20

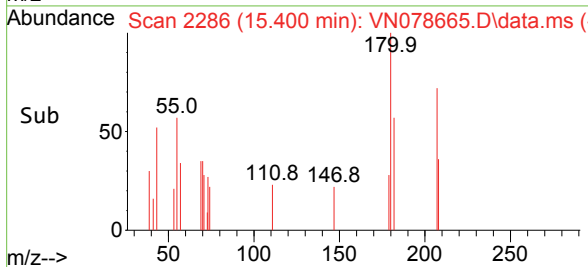
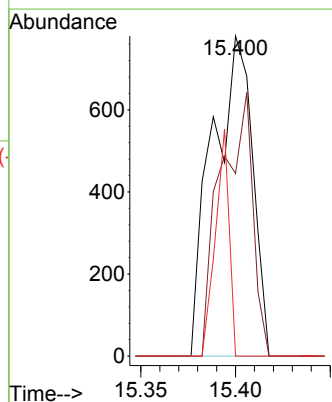
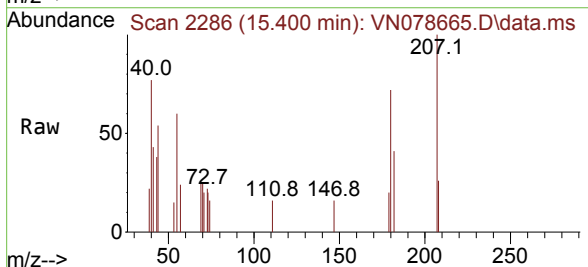
Instrument :
 MSVOA_N
 ClientSampleId :

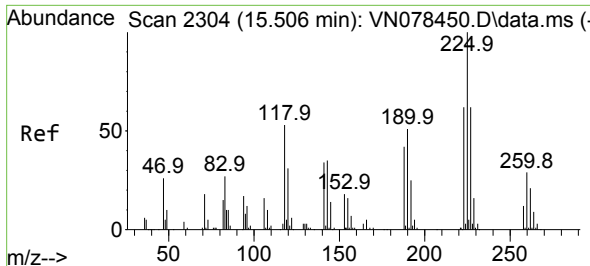
Tgt Ion: 75 Resp: 72
 Ion Ratio Lower Upper
 75 100
 155 0.0 39.1 117.2#
 157 0.0 50.3 150.9#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.356 ug/l
 RT: 15.400 min Scan# 2286
 Delta R.T. 0.000 min
 Lab File: VN078665.D
 Acq: 27 Jul 2023 17:20

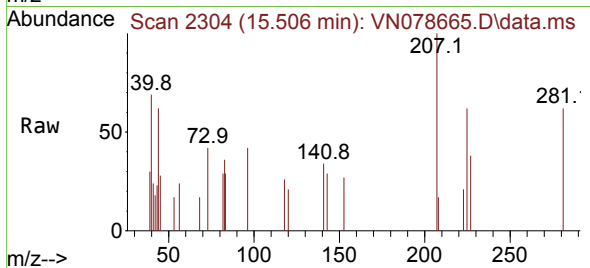
Tgt Ion: 180 Resp: 1146
 Ion Ratio Lower Upper
 180 100
 182 65.6 46.1 138.2
 145 24.3 16.6 49.8



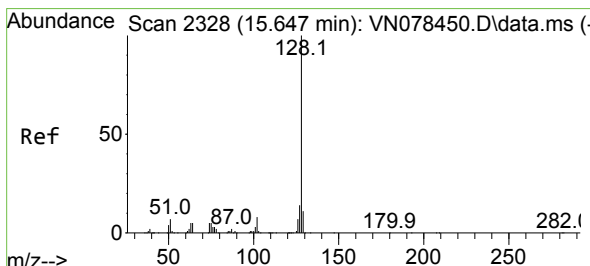
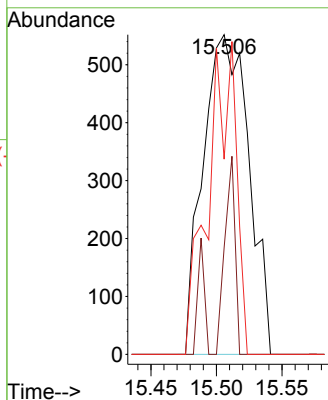
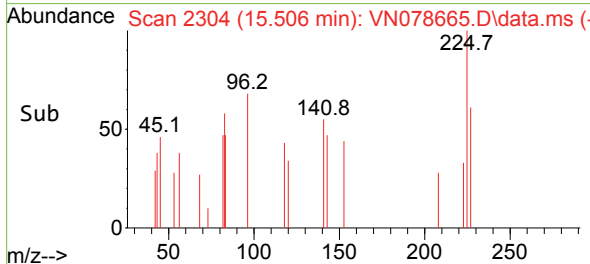


#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.506 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN078665.D
Acq: 27 Jul 2023 17:20

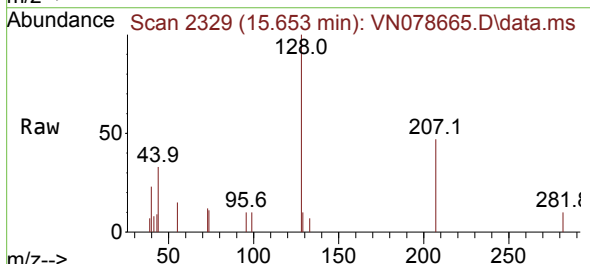
Instrument :
MSVOA_N
ClientSampleId :



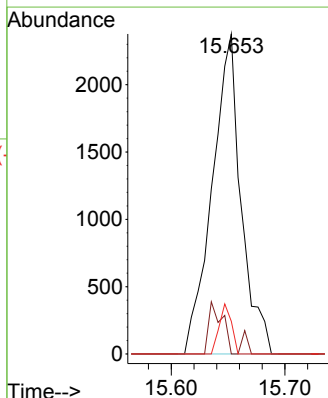
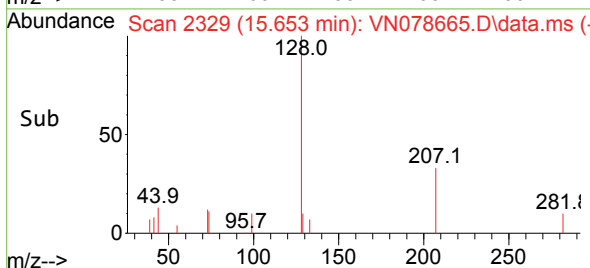
Tgt Ion:225 Resp: 1341
Ion Ratio Lower Upper
225 100
223 13.9 31.3 93.8#
227 59.1 31.9 95.9

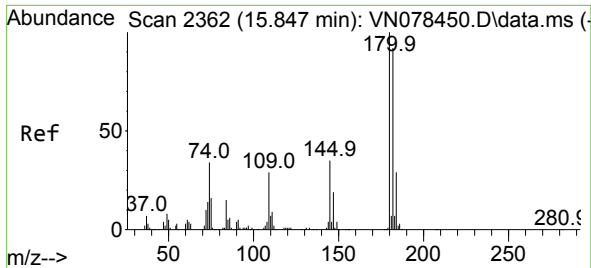


#95
Naphthalene
Concen: 0.382 ug/l
RT: 15.653 min Scan# 2329
Delta R.T. 0.006 min
Lab File: VN078665.D
Acq: 27 Jul 2023 17:20



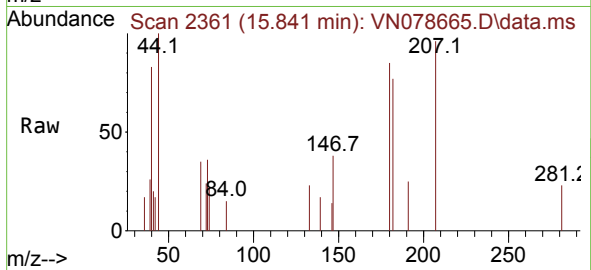
Tgt Ion:128 Resp: 4206
Ion Ratio Lower Upper
128 100
127 1.5 10.0 15.0#
129 6.6 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.374 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN078665.D
 Acq: 27 Jul 2023 17:20

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	1384
Ion	Ratio	Lower	Upper
180	100		
182	99.4	46.2	138.6
145	13.8	17.5	52.6#

