

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061223\
 Data File : VN078158.D
 Acq On : 12 Jun 2023 10:52
 Operator : JC\MD
 Sample : VN0612MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0612MBL01

Quant Time: Jun 13 01:28:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	326738	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	600462	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	509045	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	135114	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	233595	53.621	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.240%			
35) Dibromofluoromethane	8.171	113	199260	52.483	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.960%			
50) Toluene-d8	10.570	98	733538	50.117	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.240%			
62) 4-Bromofluorobenzene	12.853	95	195703	43.011	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 86.020%			
Target Compounds						Qvalue
3) Chloromethane	2.371	50	1541	Below Cal		93
5) Bromomethane	2.971	94	3232	0.884 ug/l #		73
6) Chloroethane	3.136	64	872	0.264 ug/l #		85
10) Methyl Iodide	4.600	142	1824	0.373 ug/l #		87
11) Tert butyl alcohol	5.512	59	2225	3.699 ug/l #		72
13) Acrolein	4.177	56	580	0.875 ug/l #		63
15) Acrylonitrile	5.747	53	2659	1.715 ug/l #		23
16) Acetone	4.453	43	1622	1.294 ug/l		98
17) Carbon Disulfide	4.724	76	6161	0.671 ug/l #		92
20) Methylene Chloride	5.283	84	1211	0.292 ug/l #		53
21) trans-1,2-Dichloroethene	5.800	96	864	0.225 ug/l #		80
25) 2-Butanone	7.512	43	1974	1.024 ug/l #		76
29) Tetrahydrofuran	7.853	42	807	0.626 ug/l #		39
31) Cyclohexane	8.235	56	8295	1.484 ug/l #		35
36) 1,1-Dichloropropene	8.229	75	27171	4.989 ug/l #		52
38) Carbon Tetrachloride	8.235	117	36468	6.342 ug/l #		16
44) Trichloroethene	9.347	130	893	0.208 ug/l		74
46) Dibromomethane	9.718	93	599	0.201 ug/l #		53
49) 1,4-Dioxane	9.706	88	332	4.626 ug/l #		71
51) 4-Methyl-2-Pentanone	10.447	43	2811	0.656 ug/l #		83
59) 2-Hexanone	11.206	43	4439	1.488 ug/l		95
65) Chlorobenzene	11.900	112	2332	0.214 ug/l #		87
68) m/p-Xylenes	12.076	106	1712	0.239 ug/l		94
70) Styrene	12.412	104	2218	0.200 ug/l		91
74) N-ethyl acetate	12.500	43	1928	0.458 ug/l #		81
75) 1,1,2,2-Tetrachloroethane	12.953	83	1524	Below Cal #		26
76) 1,2,3-Trichloropropane	12.853	75	105846	33.137 ug/l #		1
77) Bromobenzene	12.982	156	1310	0.442 ug/l		96
78) n-propylbenzene	13.047	91	4233	0.305 ug/l		94
79) 2-Chlorotoluene	13.223	91	3693	0.412 ug/l		82
80) 1,3,5-Trimethylbenzene	13.176	105	2096	0.203 ug/l		92
81) trans-1,4-Dichloro-2-b...	12.853	75	105846	101.809 ug/l #		15
82) 4-Chlorotoluene	13.223	91	3693	0.442 ug/l		83
83) tert-Butylbenzene	13.441	119	1996	0.222 ug/l		73
84) 1,2,4-Trimethylbenzene	13.494	105	2406	0.240 ug/l #		63
85) sec-Butylbenzene	13.623	105	4322	0.367 ug/l		100

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

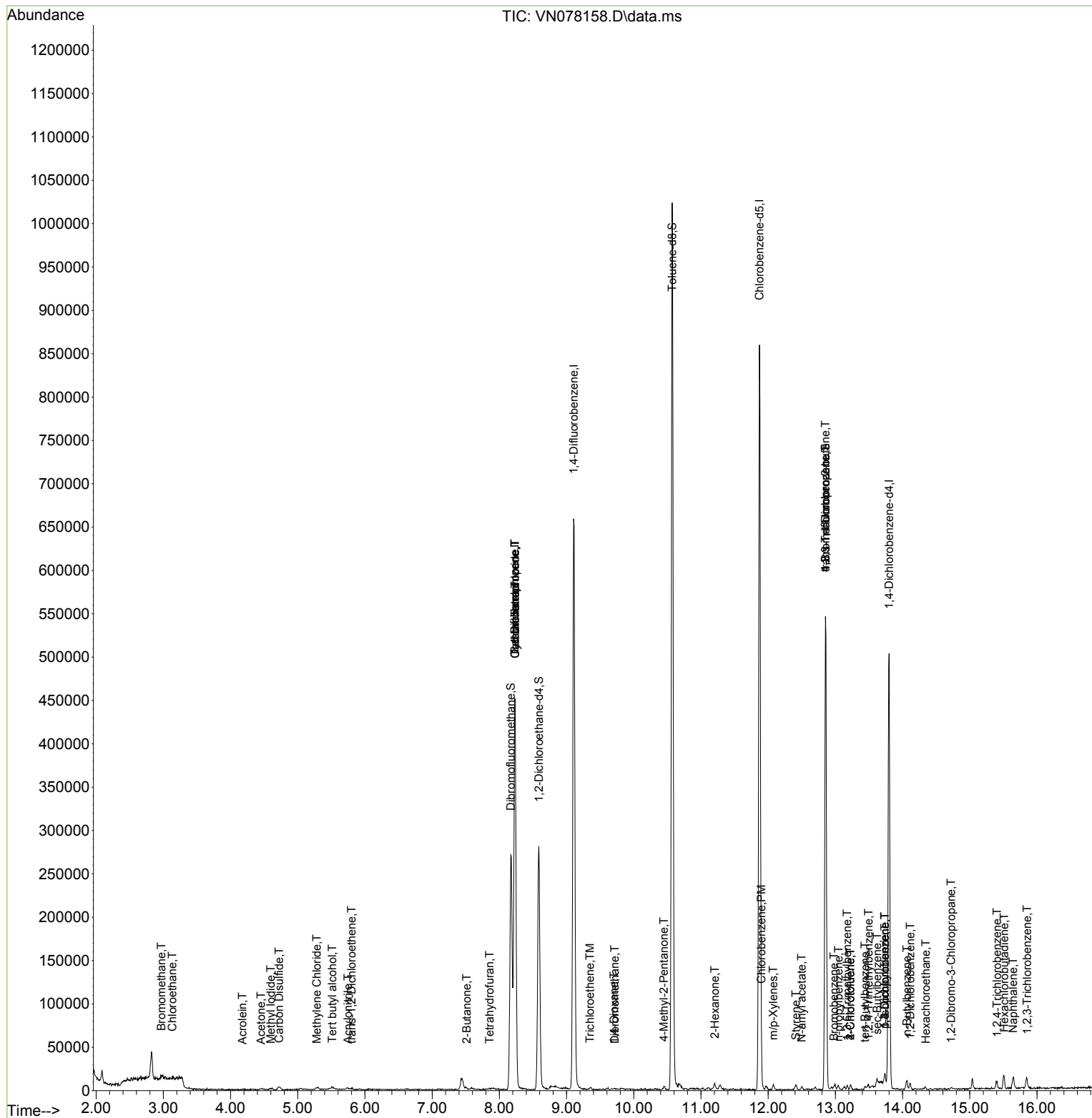
86) p-Isopropyltoluene	13.735	119	3541	0.371	ug/l	88
87) 1,3-Dichlorobenzene	13.735	146	2948	0.588	ug/l	85
88) 1,4-Dichlorobenzene	13.735	146	2948	0.609	ug/l	83
89) n-Butylbenzene	14.064	91	7044	0.935	ug/l	98
90) Hexachloroethane	14.347	117	400	0.236	ug/l	83
91) 1,2-Dichlorobenzene	14.117	146	2850	0.581	ug/l	87
92) 1,2-Dibromo-3-Chloropr...	14.723	75	804	1.270	ug/l #	66
93) 1,2,4-Trichlorobenzene	15.405	180	2952	1.690	ug/l	96
94) Hexachlorobutadiene	15.511	225	2816	0.644	ug/l #	55
95) Naphthalene	15.647	128	12799	2.178	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.852	180	4318	2.210	ug/l	95

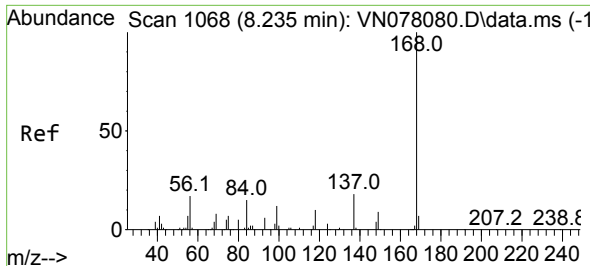
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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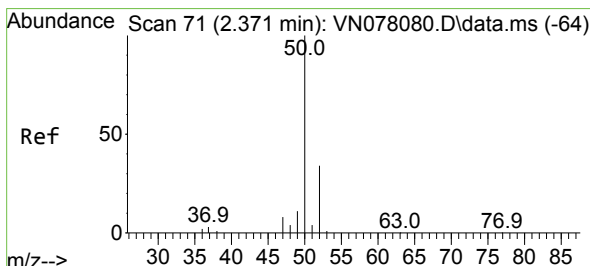
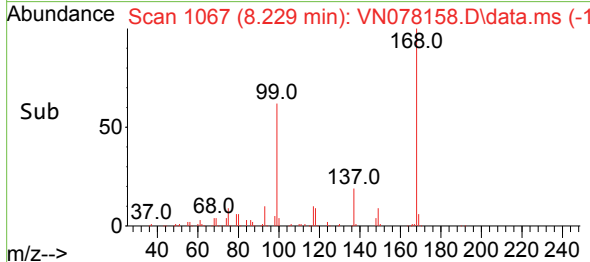
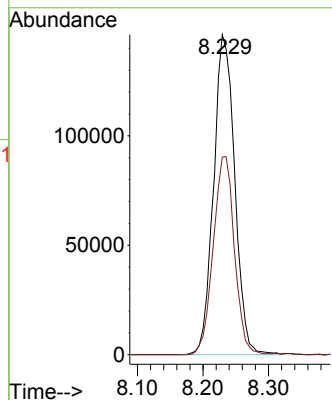
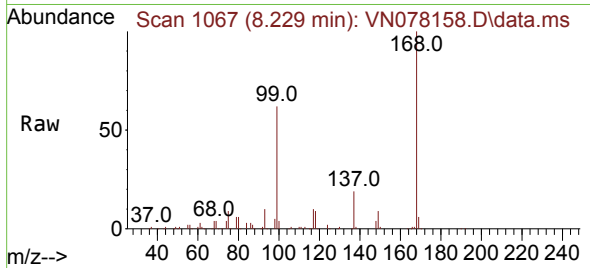




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.006 min
Lab File: VN078158.D
Acq: 12 Jun 2023 10:52

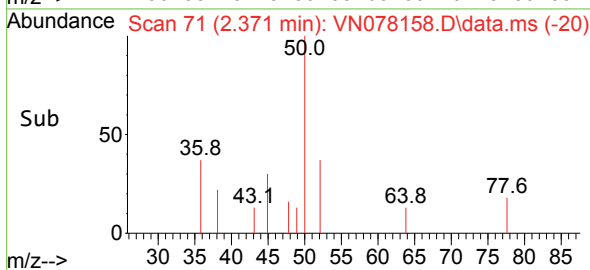
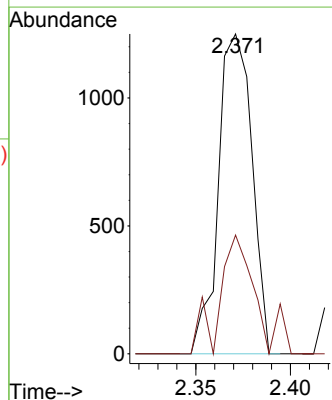
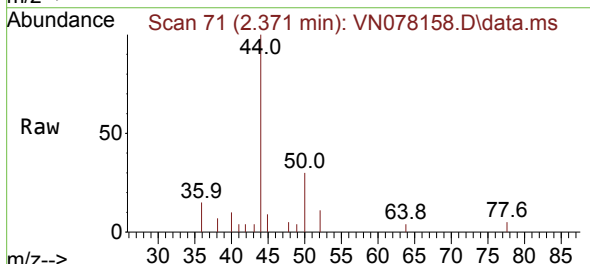
Instrument :
MSVOA_N
ClientSampleId :
VN0612MBL01

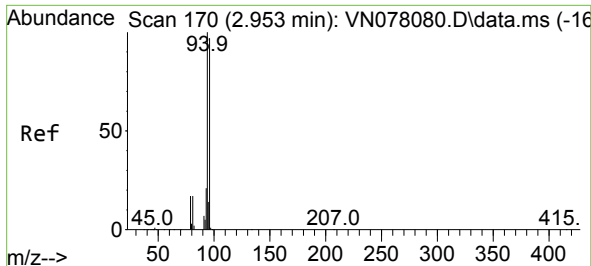
Tgt Ion:168 Resp: 326738
Ion Ratio Lower Upper
168 100
99 61.8 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078158.D
Acq: 12 Jun 2023 10:52

Tgt Ion: 50 Resp: 1541
Ion Ratio Lower Upper
50 100
52 37.1 26.5 39.7

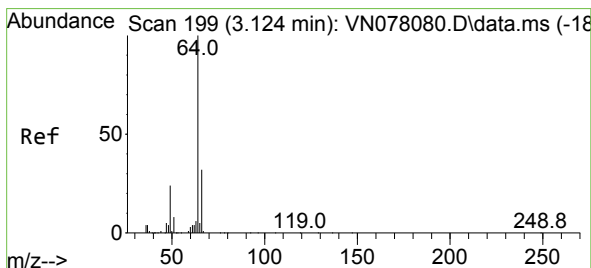
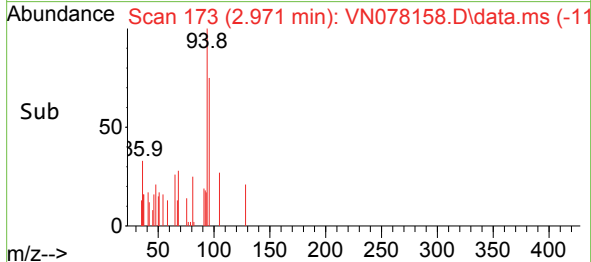
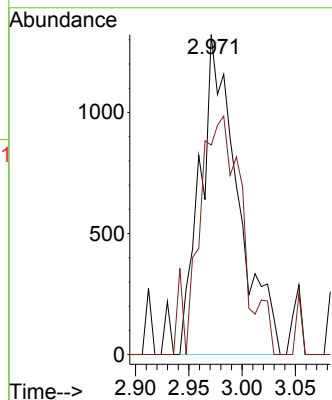
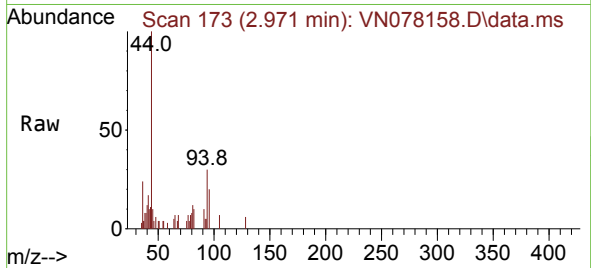




#5
Bromomethane
Concen: 0.884 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN078158.D
Acq: 12 Jun 2023 10:52

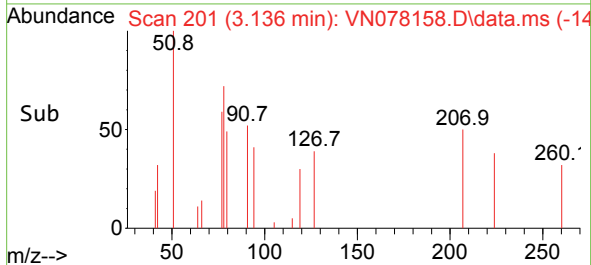
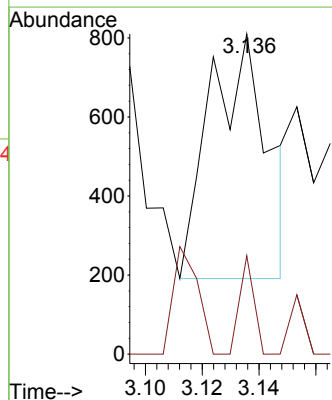
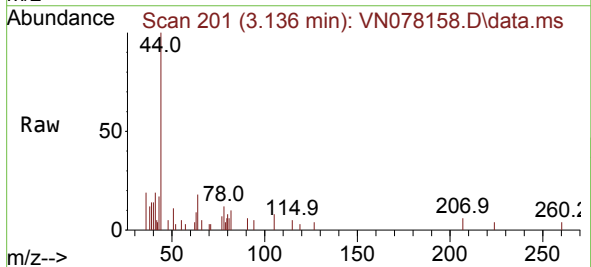
Instrument :
MSVOA_N
ClientSampleId :
VN0612MBL01

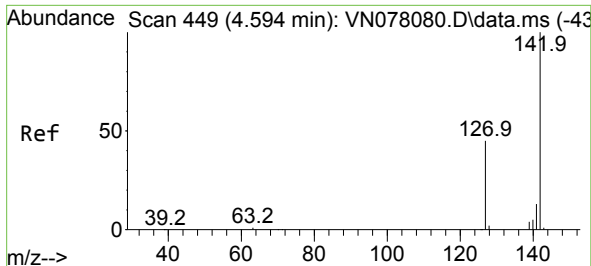
Tgt Ion: 94 Resp: 3232
Ion Ratio Lower Upper
94 100
96 65.5 73.1 109.7#



#6
Chloroethane
Concen: 0.264 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.012 min
Lab File: VN078158.D
Acq: 12 Jun 2023 10:52

Tgt Ion: 64 Resp: 872
Ion Ratio Lower Upper
64 100
66 40.2 25.4 38.2#

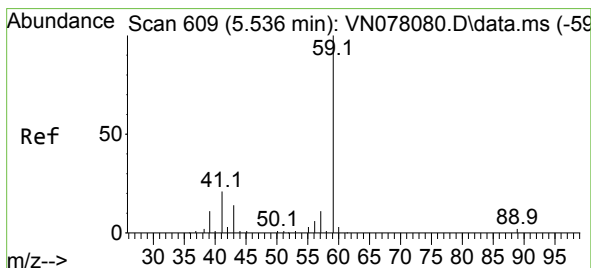
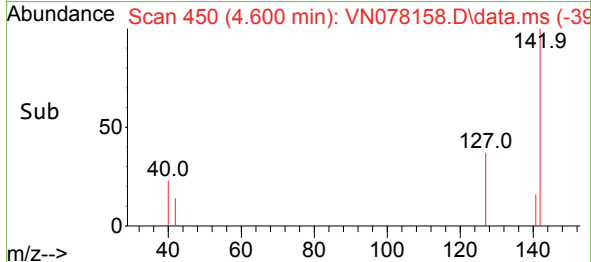
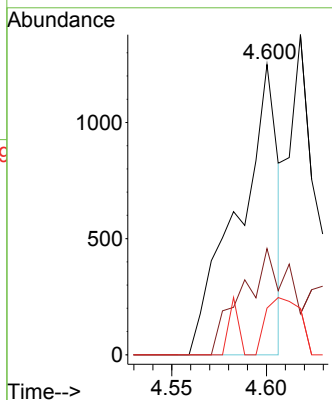
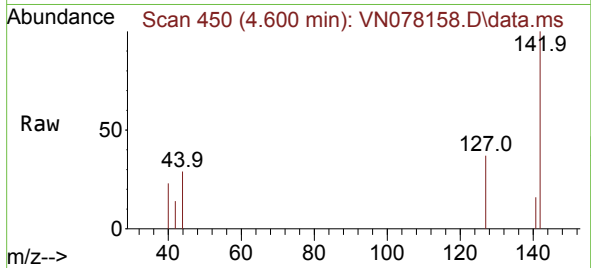




#10
Methyl Iodide
Concen: 0.373 ug/l
RT: 4.600 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN078158.D
Acq: 12 Jun 2023 10:52

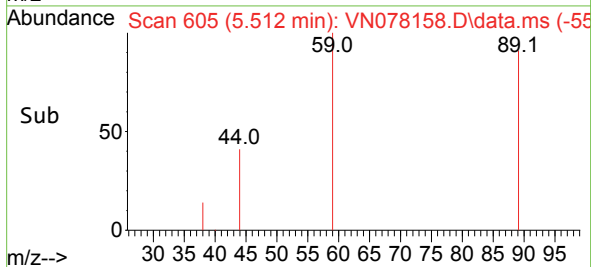
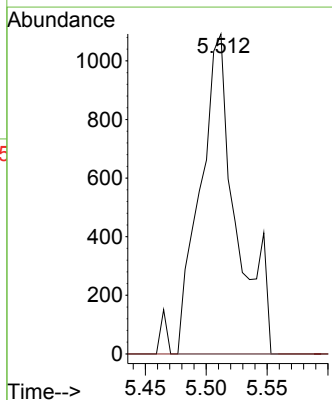
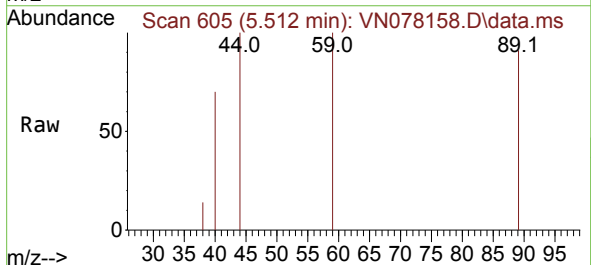
Instrument :
MSVOA_N
ClientSampleId :
VN0612MBL01

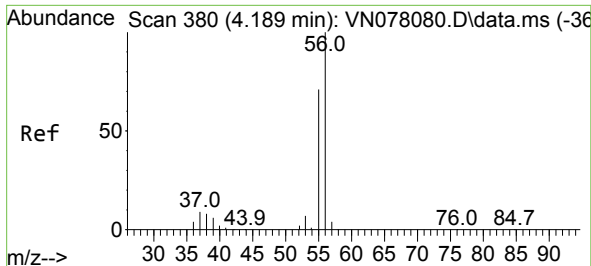
Tgt Ion:142 Resp: 1824
Ion Ratio Lower Upper
142 100
127 36.6 37.6 56.4#
141 16.1 11.4 17.0



#11
Tert butyl alcohol
Concen: 3.699 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.024 min
Lab File: VN078158.D
Acq: 12 Jun 2023 10:52

Tgt Ion: 59 Resp: 2225
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#13

Acrolein

Concen: 0.875 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.012 min

Lab File: VN078158.D

Acq: 12 Jun 2023 10:52

Instrument :

MSVOA_N

ClientSampleId :

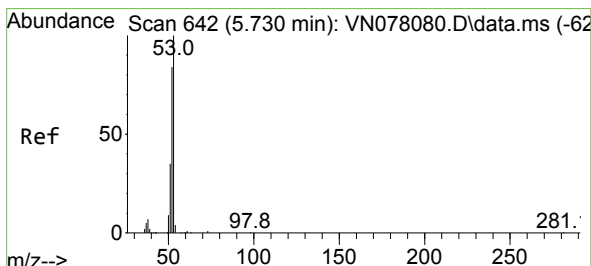
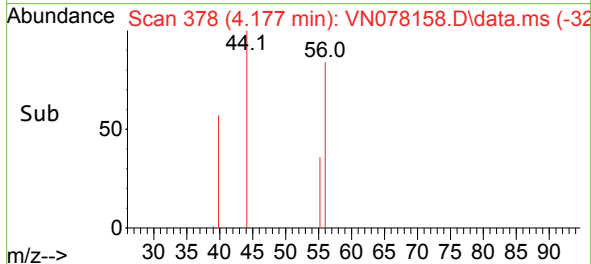
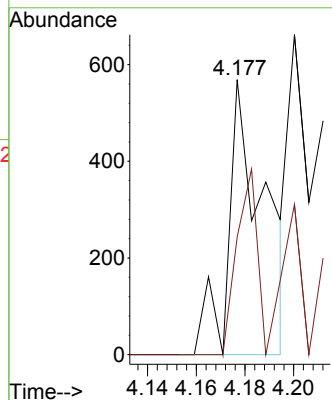
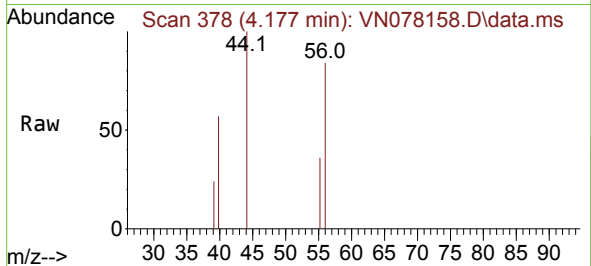
VN0612MBL01

Tgt Ion: 56 Resp: 580

Ion Ratio Lower Upper

56 100

55 38.1 54.5 81.7#



#15

Acrylonitrile

Concen: 1.715 ug/l

RT: 5.747 min Scan# 645

Delta R.T. 0.018 min

Lab File: VN078158.D

Acq: 12 Jun 2023 10:52

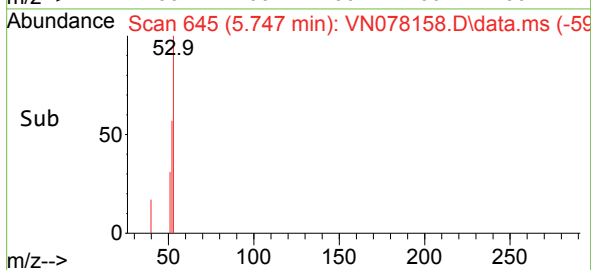
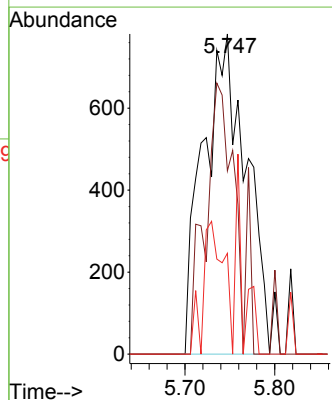
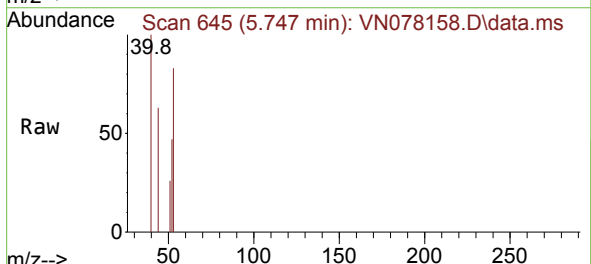
Tgt Ion: 53 Resp: 2659

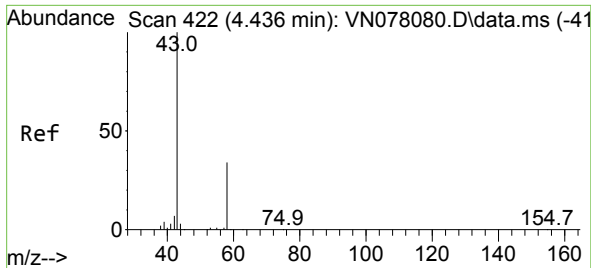
Ion Ratio Lower Upper

53 100

52 0.0 65.3 97.9#

51 10.8 28.9 43.3#

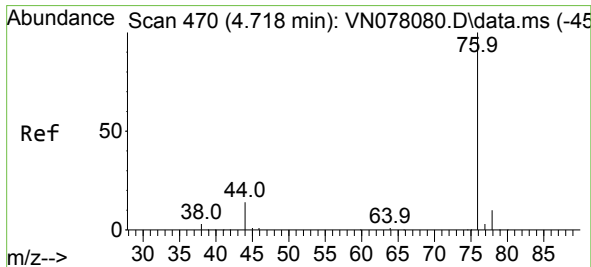
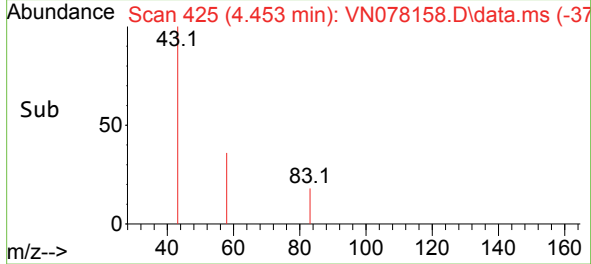
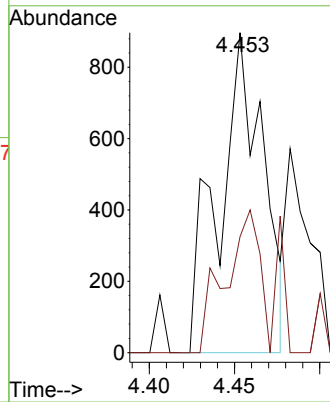
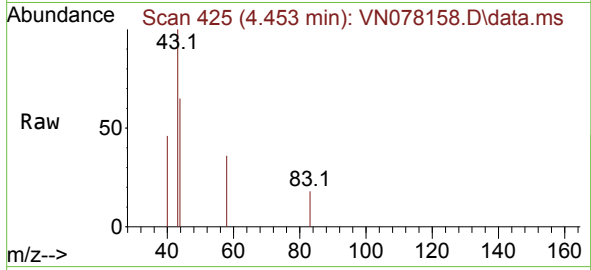




#16
Acetone
Concen: 1.294 ug/l
RT: 4.453 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN078158.D
Acq: 12 Jun 2023 10:52

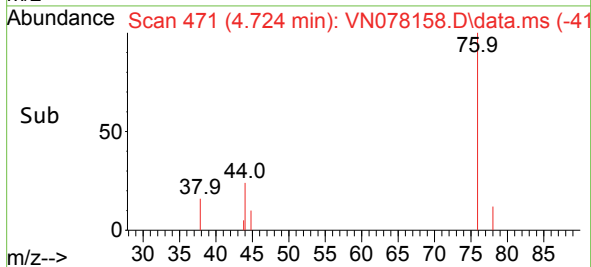
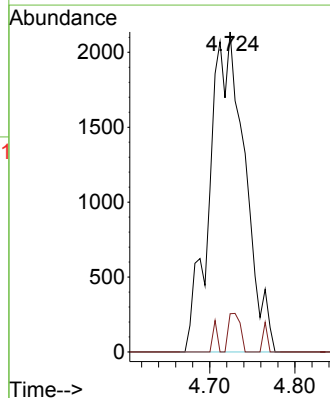
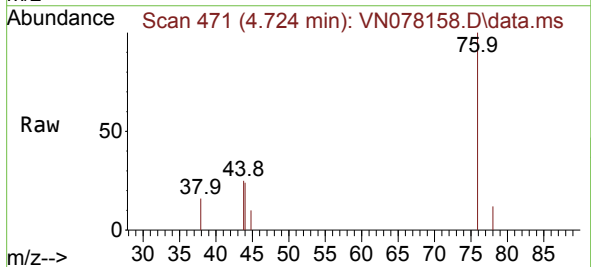
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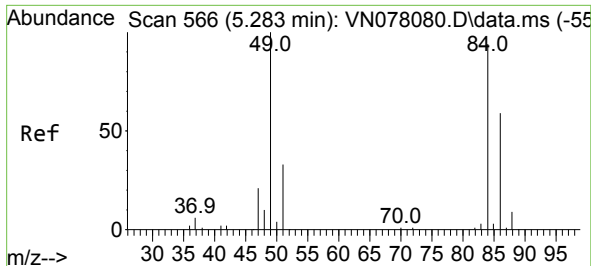
Tgt Ion: 43 Resp: 1622
Ion Ratio Lower Upper
43 100
58 36.2 28.0 42.0



#17
Carbon Disulfide
Concen: 0.671 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.006 min
Lab File: VN078158.D
Acq: 12 Jun 2023 10:52

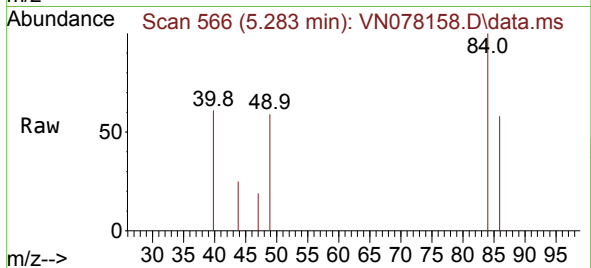
Tgt Ion: 76 Resp: 6161
Ion Ratio Lower Upper
76 100
78 11.9 7.4 11.0#



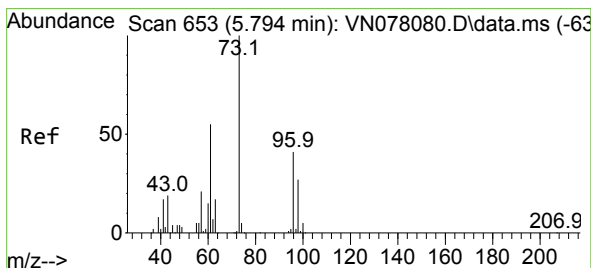
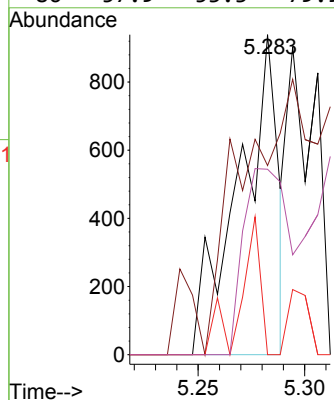


#20
Methylene Chloride
Concen: 0.292 ug/l
RT: 5.283 min Scan# 511
Delta R.T. -0.000 min
Lab File: VN078158.D
Acq: 12 Jun 2023 10:52

Instrument :
MSVOA_N
ClientSampleId :
VN0612MBL01

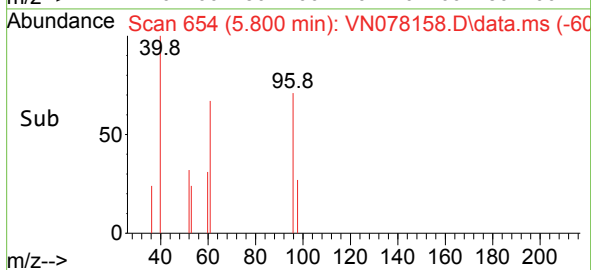
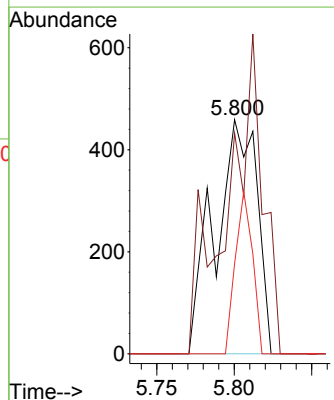
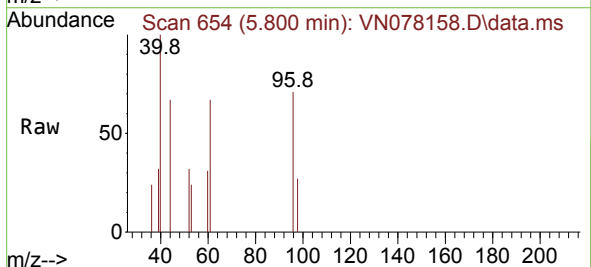


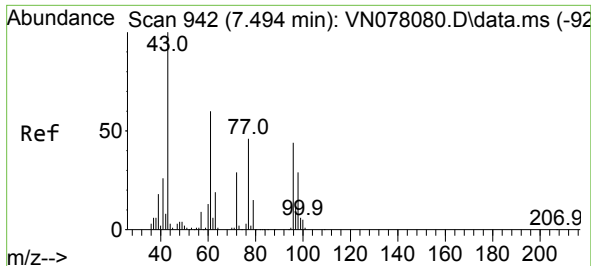
Tgt Ion:	84	Resp:	1211
Ion	Ratio	Lower	Upper
84	100		
49	32.3	79.7	119.5#
51	0.0	25.2	37.8#
86	57.9	53.3	79.9



#21
trans-1,2-Dichloroethene
Concen: 0.225 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.006 min
Lab File: VN078158.D
Acq: 12 Jun 2023 10:52

Tgt Ion:	96	Resp:	864
Ion	Ratio	Lower	Upper
96	100		
61	94.3	90.1	135.1
98	38.6	46.4	69.6#

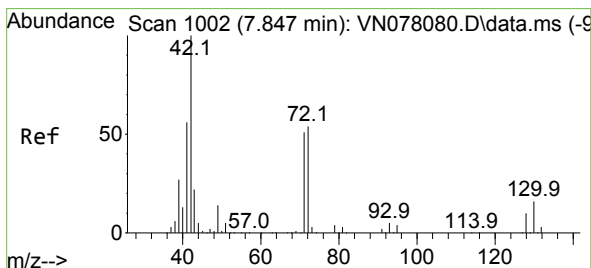
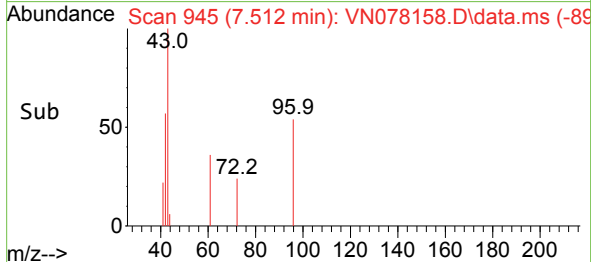
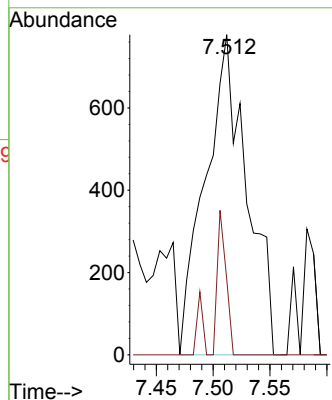
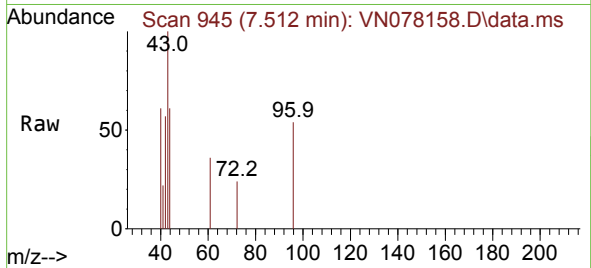




#25
2-Butanone
Concen: 1.024 ug/l
RT: 7.512 min Scan# 94
Delta R.T. 0.018 min
Lab File: VN078158.D
Acq: 12 Jun 2023 10:52

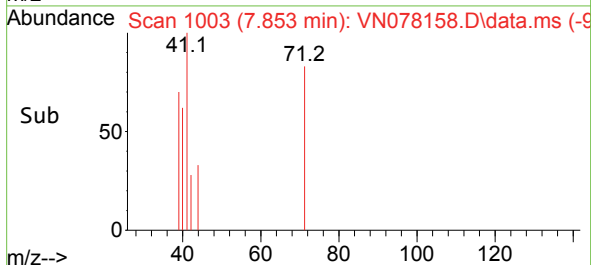
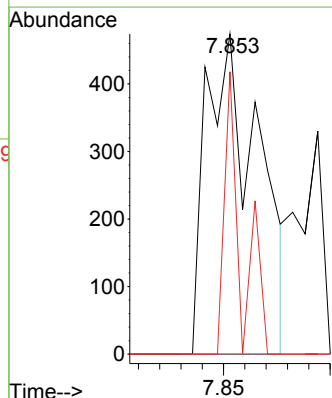
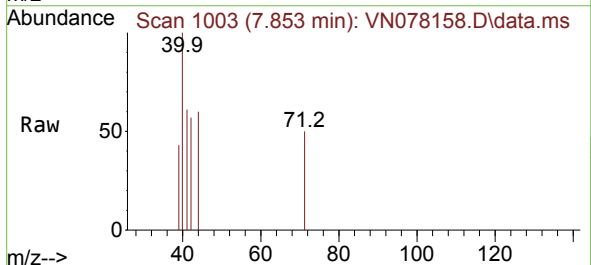
Instrument :
MSVOA_N
ClientSampleId :
VN0612MBL01

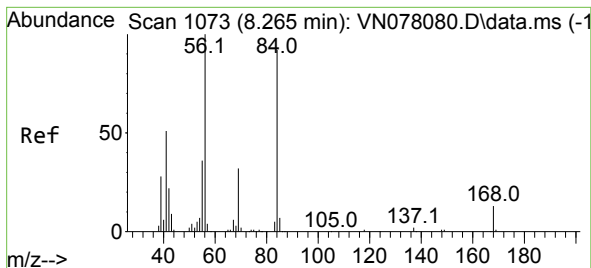
Tgt Ion: 43 Resp: 1974
Ion Ratio Lower Upper
43 100
72 23.5 30.2 45.2#



#29
Tetrahydrofuran
Concen: 0.626 ug/l
RT: 7.853 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VN078158.D
Acq: 12 Jun 2023 10:52

Tgt Ion: 42 Resp: 807
Ion Ratio Lower Upper
42 100
72 0.0 49.8 74.6#
71 28.3 47.4 71.2#





#31

Cyclohexane

Concen: 1.484 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.029 min

Lab File: VN078158.D

Acq: 12 Jun 2023 10:52

Instrument :

MSVOA_N

ClientSampleId :

VN0612MBL01

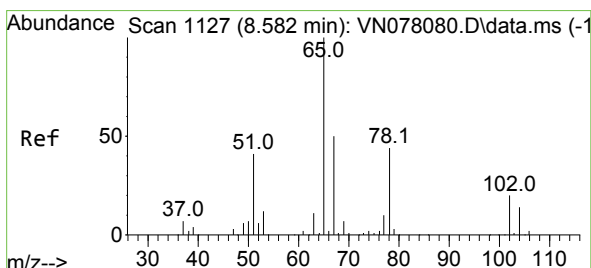
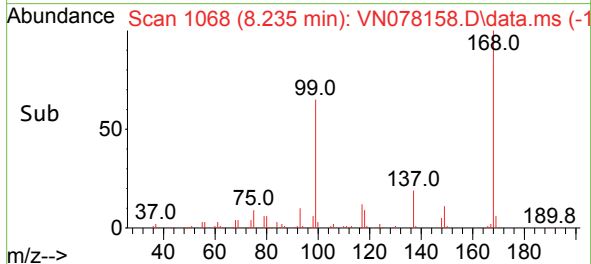
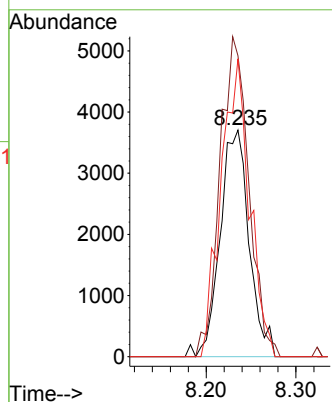
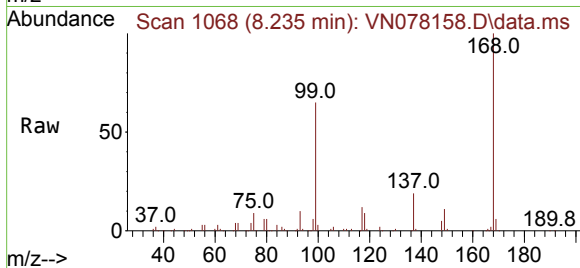
Tgt Ion: 56 Resp: 8295

Ion Ratio Lower Upper

56 100

69 132.9 26.8 40.2#

84 131.6 81.8 122.6#



#33

1,2-Dichloroethane-d4

Concen: 53.621 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN078158.D

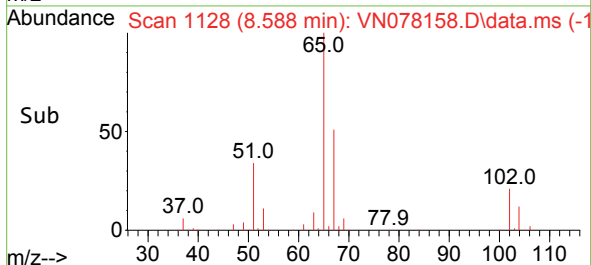
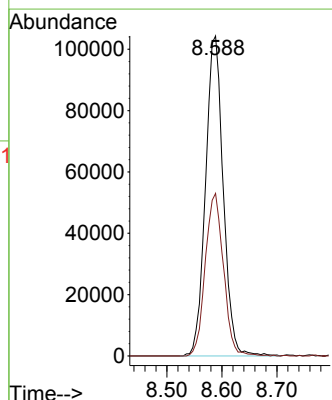
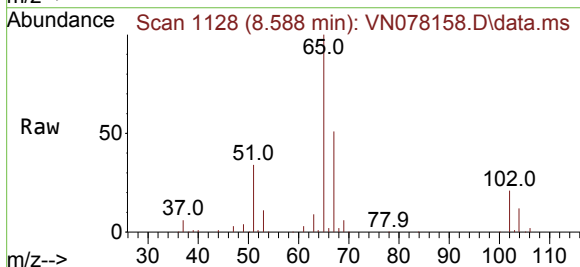
Acq: 12 Jun 2023 10:52

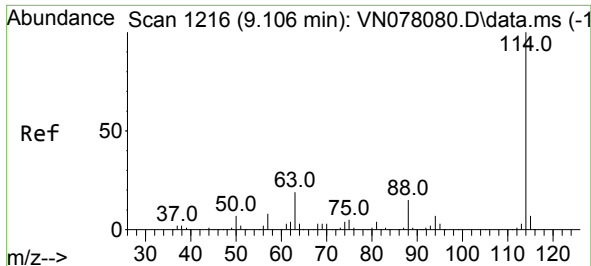
Tgt Ion: 65 Resp: 233595

Ion Ratio Lower Upper

65 100

67 52.2 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078158.D

Acq: 12 Jun 2023 10:52

Instrument :

MSVOA_N

ClientSampleId :

VN0612MBL01

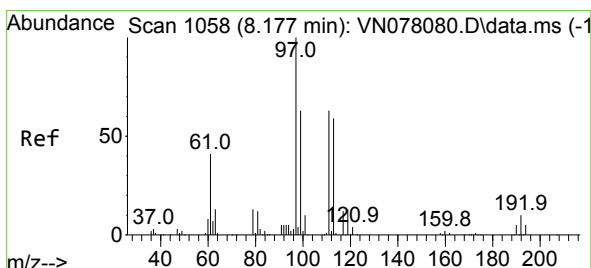
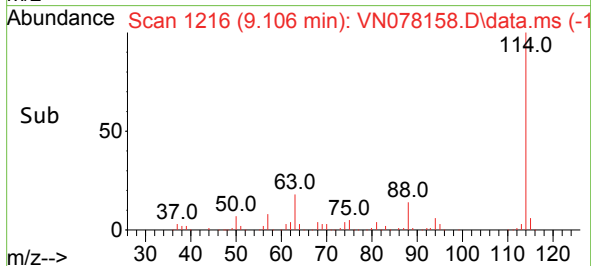
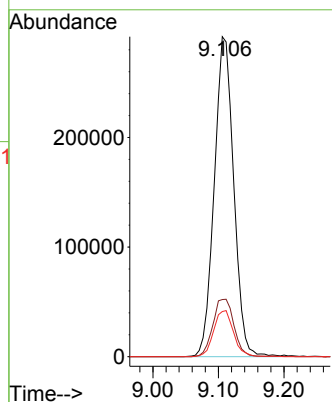
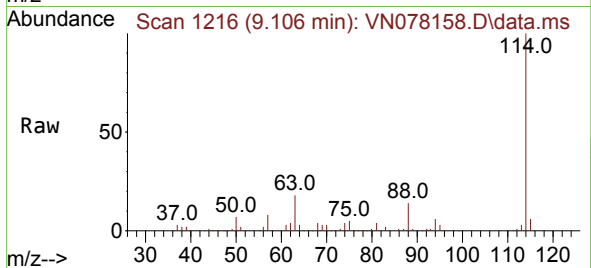
Tgt Ion:114 Resp: 600462

Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.4

88 14.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.483 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078158.D

Acq: 12 Jun 2023 10:52

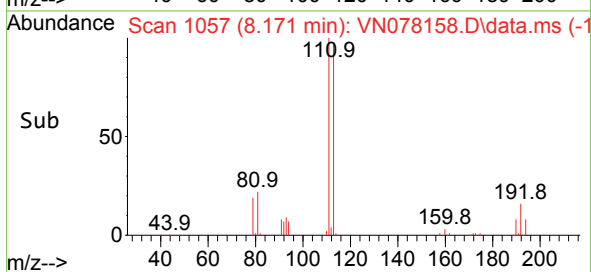
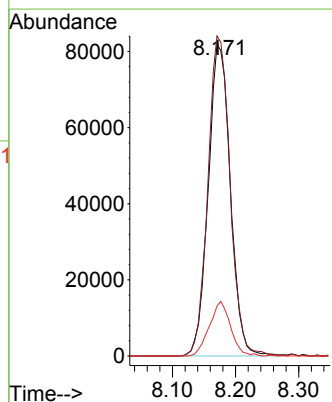
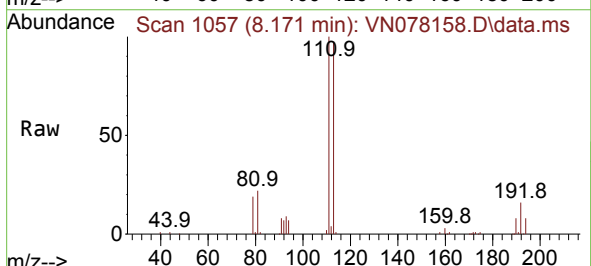
Tgt Ion:113 Resp: 199260

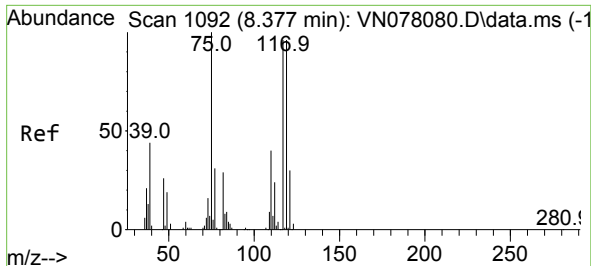
Ion Ratio Lower Upper

113 100

111 103.1 82.6 123.8

192 16.8 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.989 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.147 min

Lab File: VN078158.D

Acq: 12 Jun 2023 10:52

Instrument :

MSVOA_N

ClientSampleId :

VN0612MBL01

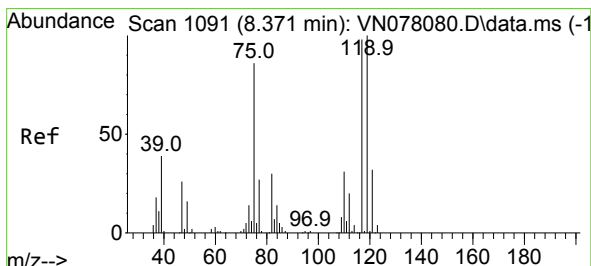
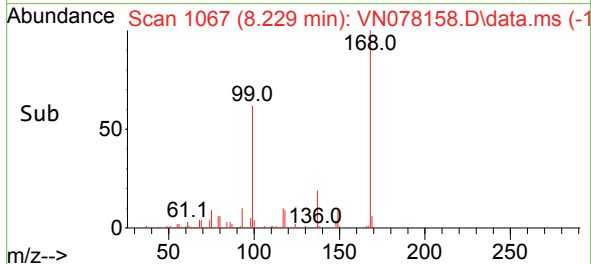
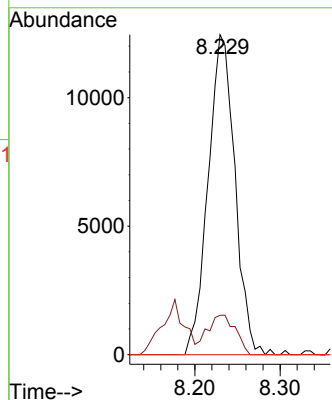
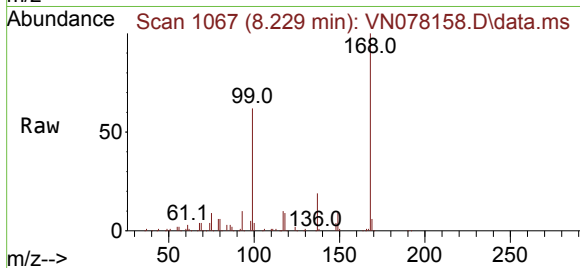
Tgt Ion: 75 Resp: 27171

Ion Ratio Lower Upper

75 100

110 13.1 19.1 57.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.342 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.135 min

Lab File: VN078158.D

Acq: 12 Jun 2023 10:52

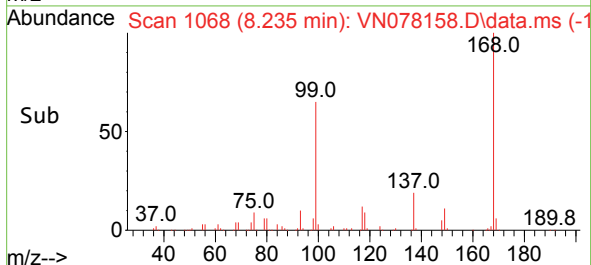
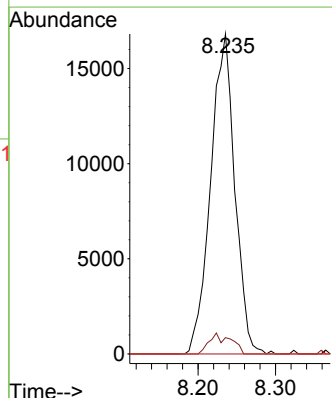
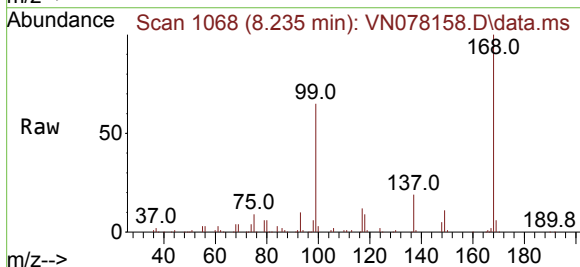
Tgt Ion: 117 Resp: 36468

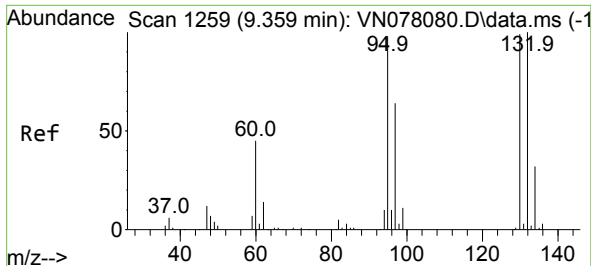
Ion Ratio Lower Upper

117 100

119 5.1 77.3 115.9#

121 0.0 23.3 34.9#

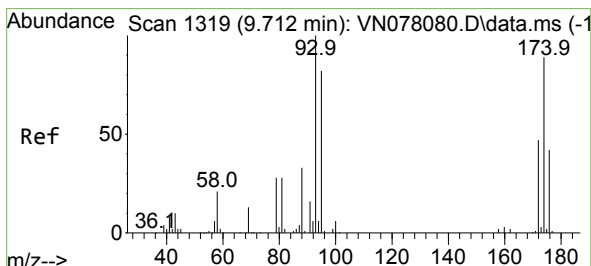
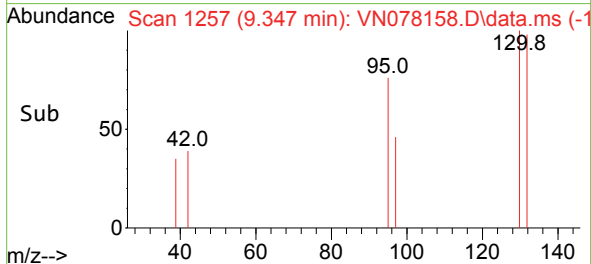
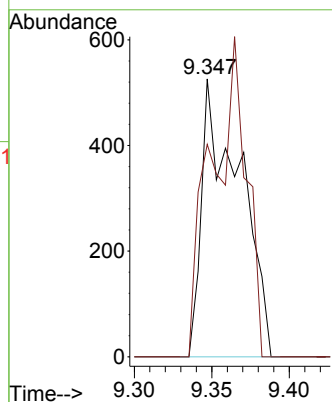
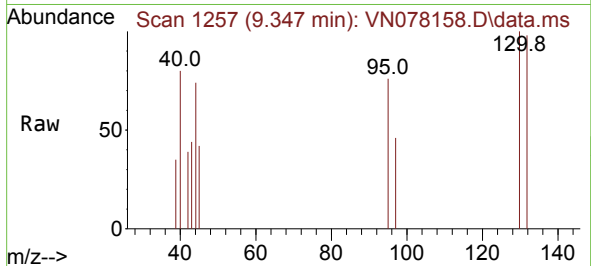




#44
Trichloroethene
Concen: 0.208 ug/l
RT: 9.347 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN078158.D
Acq: 12 Jun 2023 10:52

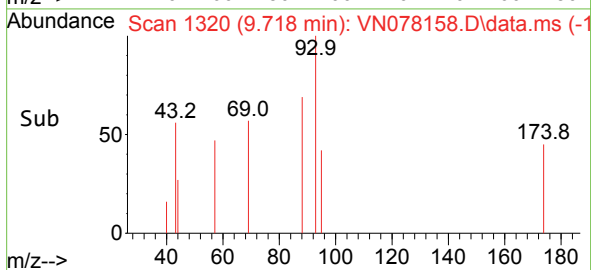
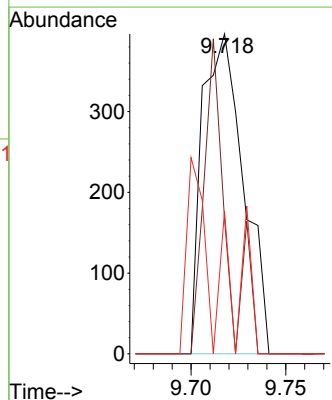
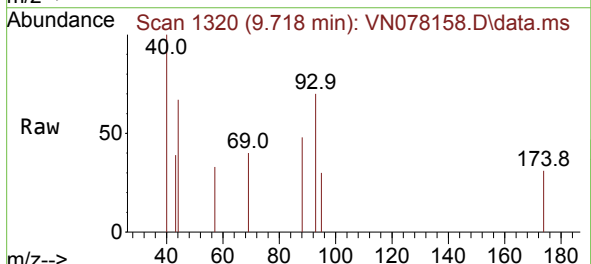
Instrument :
MSVOA_N
ClientSampleId :
VN0612MBL01

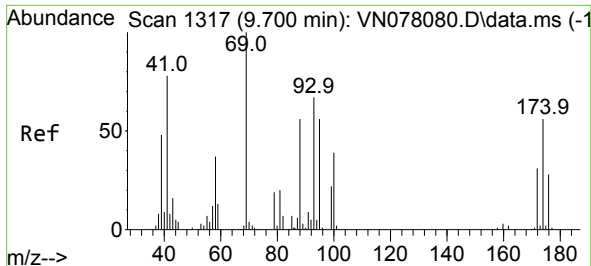
Tgt Ion:130 Resp: 893
Ion Ratio Lower Upper
130 100
95 76.4 0.0 204.6



#46
Dibromomethane
Concen: 0.201 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN078158.D
Acq: 12 Jun 2023 10:52

Tgt Ion: 93 Resp: 599
Ion Ratio Lower Upper
93 100
95 53.1 63.8 95.8#
174 25.5 65.6 98.4#

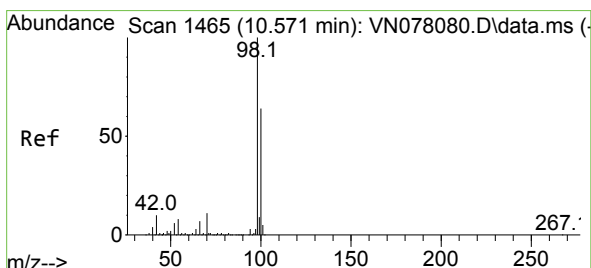
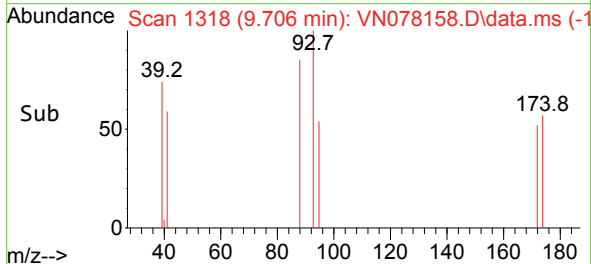
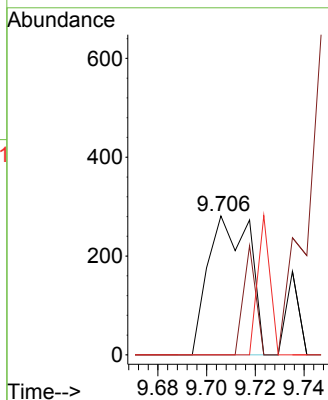
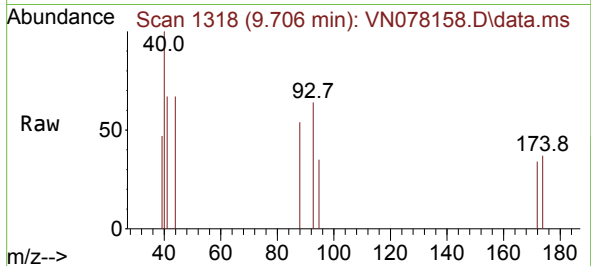




#49
1,4-Dioxane
Concen: 4.626 ug/l
RT: 9.706 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078158.D
Acq: 12 Jun 2023 10:52

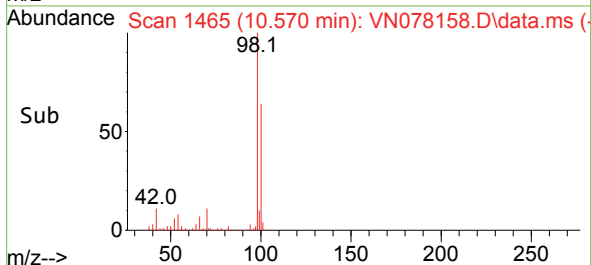
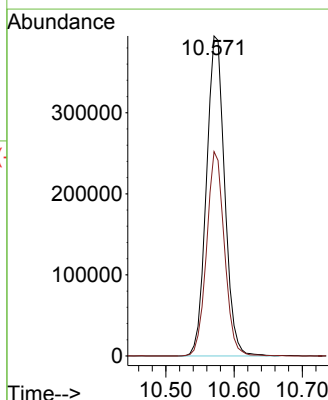
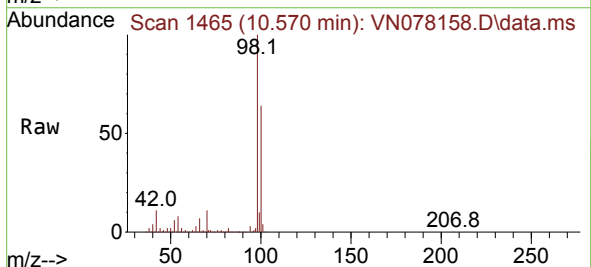
Instrument :
MSVOA_N
ClientSampleId :
VN0612MBL01

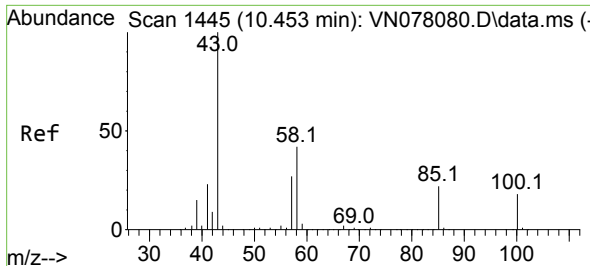
Tgt Ion: 88 Resp: 332
Ion Ratio Lower Upper
88 100
43 23.5 17.0 25.6
58 30.1 47.0 70.4#



#50
Toluene-d8
Concen: 50.117 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078158.D
Acq: 12 Jun 2023 10:52

Tgt Ion: 98 Resp: 733538
Ion Ratio Lower Upper
98 100
100 62.5 52.0 78.0

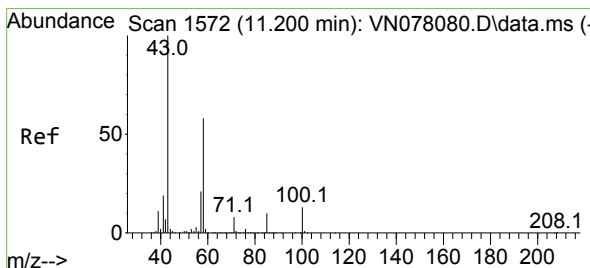
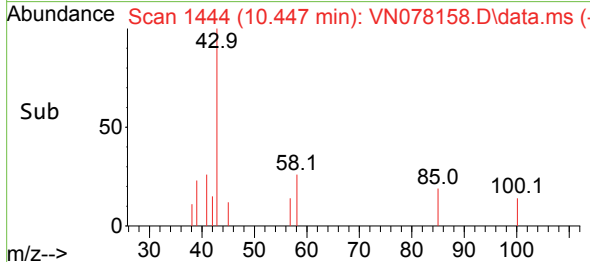
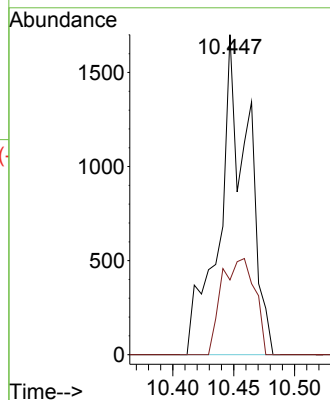
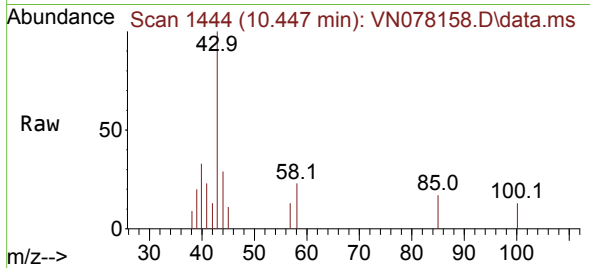




#51
4-Methyl-2-Pentanone
Concen: 0.656 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078158.D
Acq: 12 Jun 2023 10:52

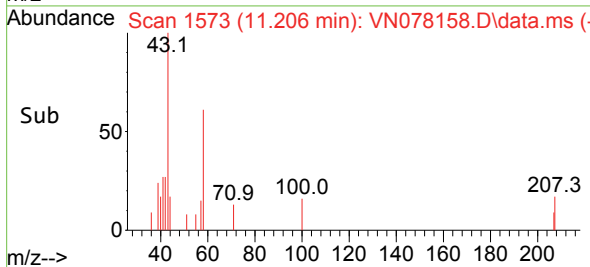
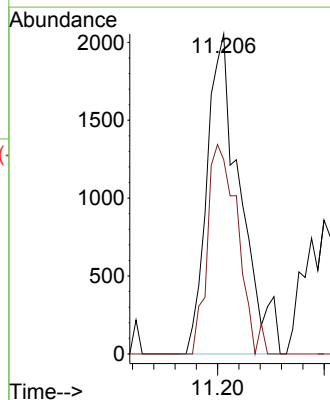
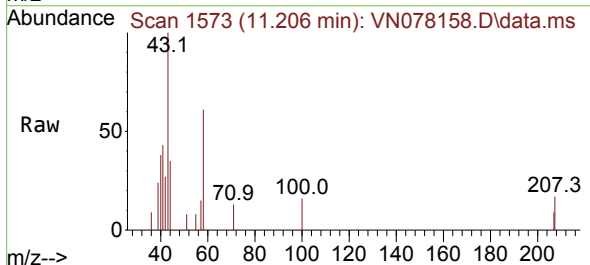
Instrument :
MSVOA_N
ClientSampleId :
VN0612MBL01

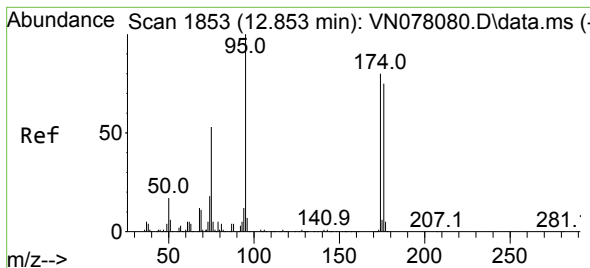
Tgt Ion: 43 Resp: 2811
Ion Ratio Lower Upper
43 100
58 34.4 36.6 54.8#



#59
2-Hexanone
Concen: 1.488 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.006 min
Lab File: VN078158.D
Acq: 12 Jun 2023 10:52

Tgt Ion: 43 Resp: 4439
Ion Ratio Lower Upper
43 100
58 59.8 31.7 95.1

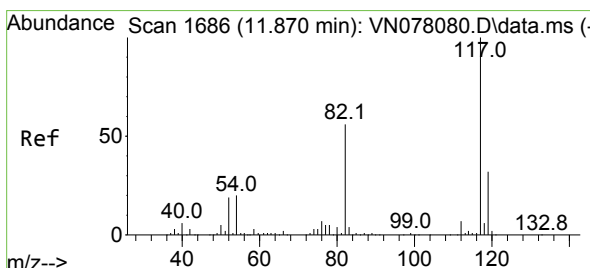
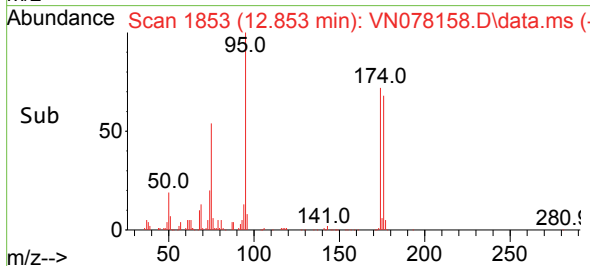
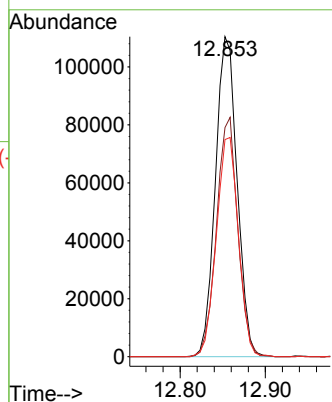
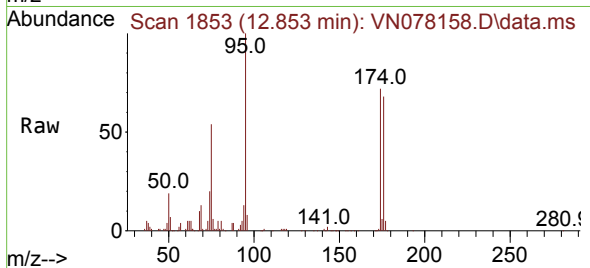




#62
4-Bromofluorobenzene
Concen: 43.011 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078158.D
Acq: 12 Jun 2023 10:52

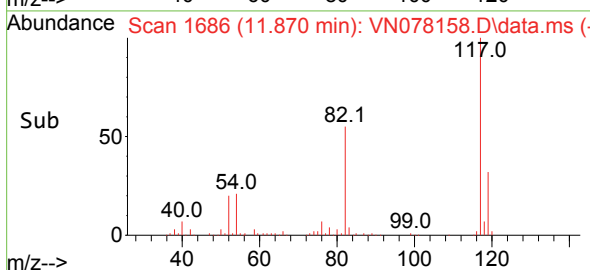
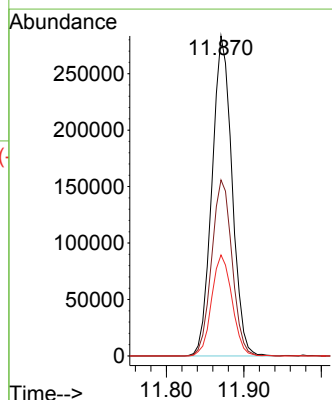
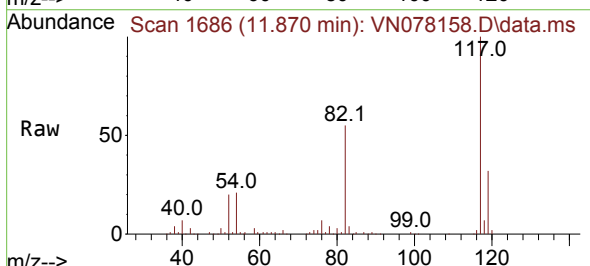
Instrument :
MSVOA_N
ClientSampleId :
VN0612MBL01

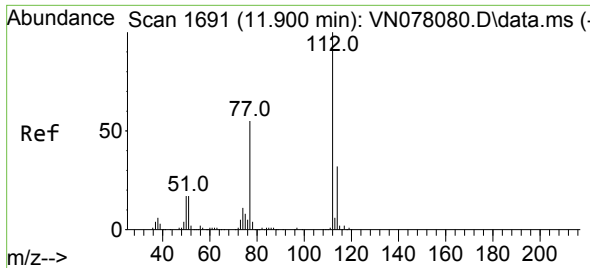
Tgt Ion: 95 Resp: 195703
Ion Ratio Lower Upper
95 100
174 73.1 0.0 143.8
176 69.9 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078158.D
Acq: 12 Jun 2023 10:52

Tgt Ion: 117 Resp: 509045
Ion Ratio Lower Upper
117 100
82 55.0 44.0 66.0
119 31.5 25.6 38.4

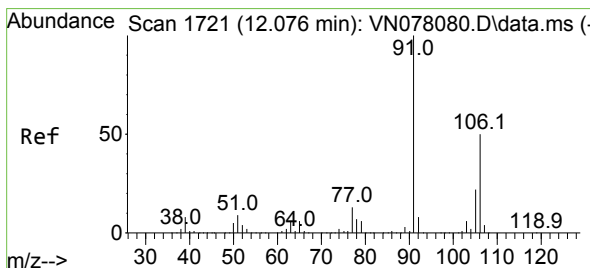
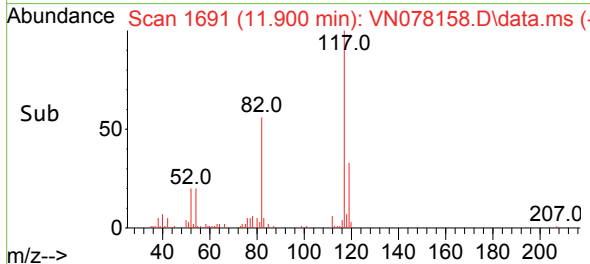
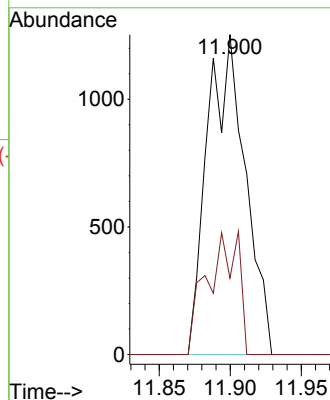
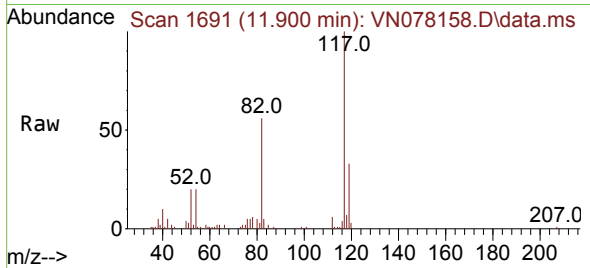




#65
Chlorobenzene
Concen: 0.214 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN078158.D
Acq: 12 Jun 2023 10:52

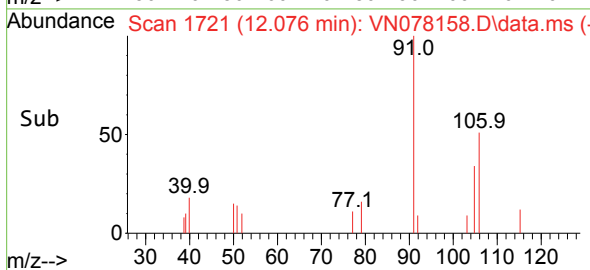
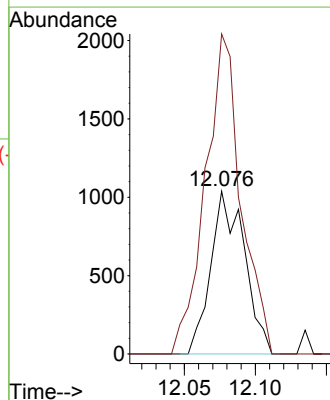
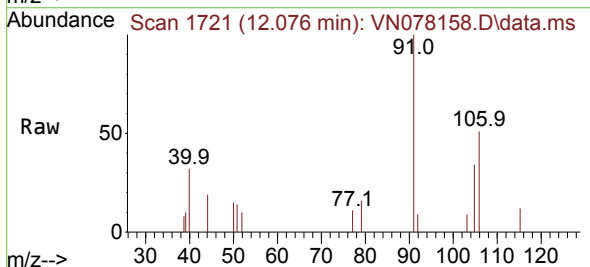
Instrument :
MSVOA_N
ClientSampleId :
VN0612MBL01

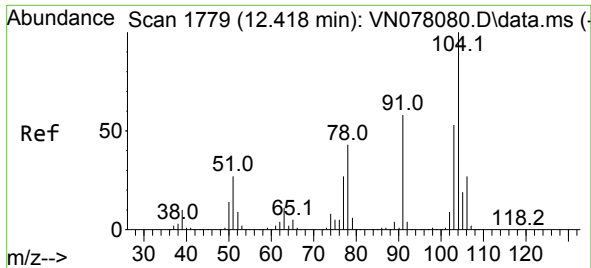
Tgt Ion:112 Resp: 2332
Ion Ratio Lower Upper
112 100
114 23.9 25.0 37.4#



#68
m/p-Xylenes
Concen: 0.239 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VN078158.D
Acq: 12 Jun 2023 10:52

Tgt Ion:106 Resp: 1712
Ion Ratio Lower Upper
106 100
91 208.2 159.6 239.4

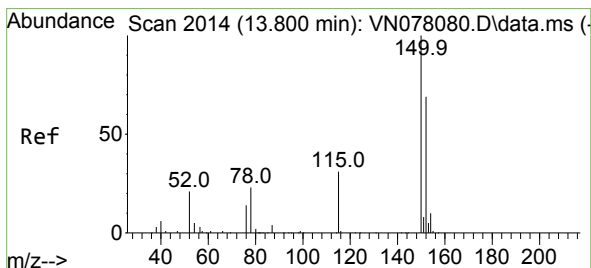
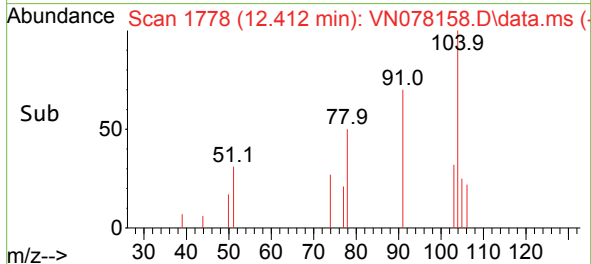
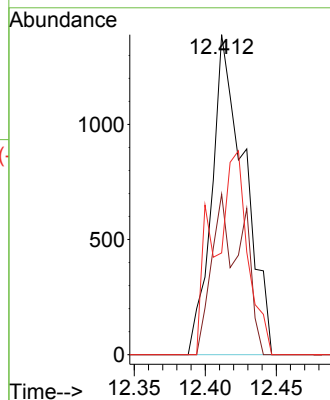
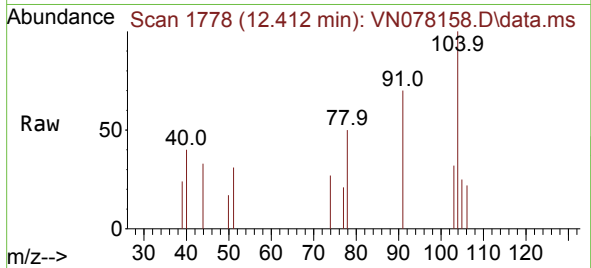




#70
Styrene
Concen: 0.200 ug/l
RT: 12.412 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078158.D
Acq: 12 Jun 2023 10:52

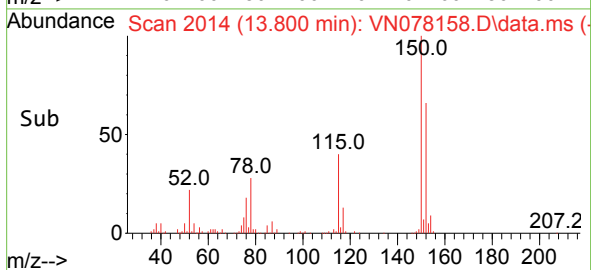
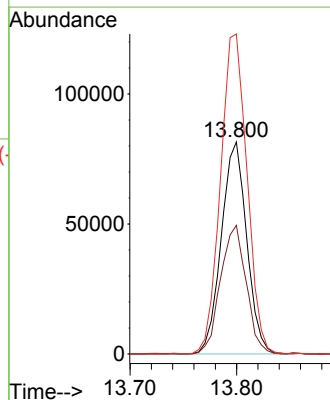
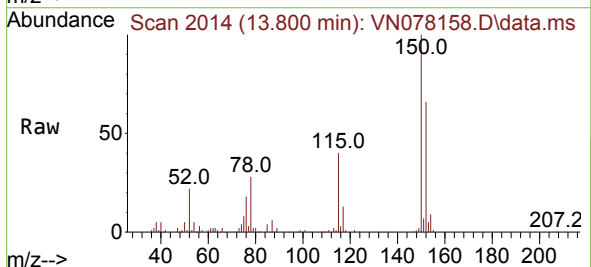
Instrument :
MSVOA_N
ClientSampleId :
VN0612MBL01

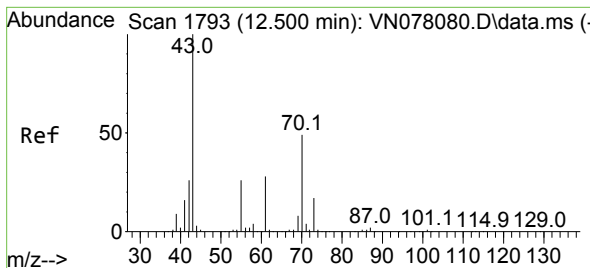
Tgt Ion:104 Resp: 2218
Ion Ratio Lower Upper
104 100
78 47.2 39.5 59.3
103 64.8 43.2 64.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078158.D
Acq: 12 Jun 2023 10:52

Tgt Ion:152 Resp: 135114
Ion Ratio Lower Upper
152 100
115 61.4 32.3 96.8
150 157.8 0.0 355.8





#74

N-amy1 acetate

Concen: 0.458 ug/l

RT: 12.500 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078158.D

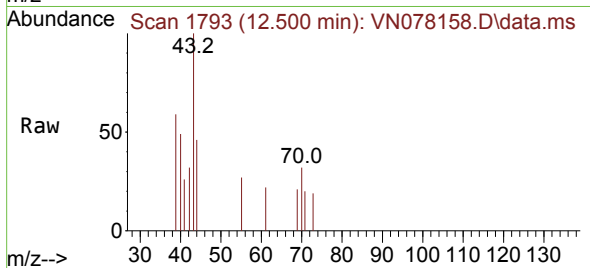
Acq: 12 Jun 2023 10:52

Instrument :

MSVOA_N

ClientSampleId :

VN0612MBL01



Tgt Ion: 43 Resp: 1928

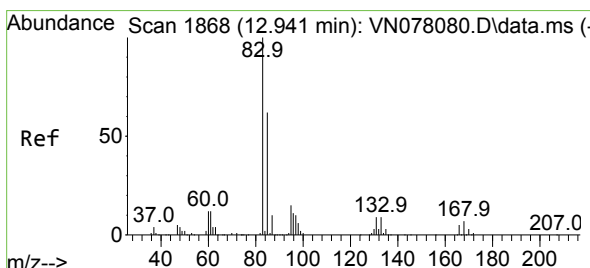
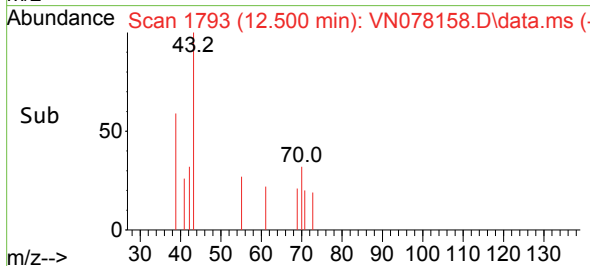
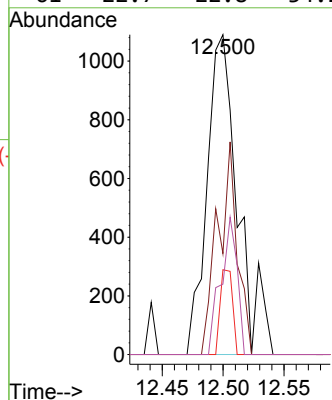
Ion Ratio Lower Upper

43 100

70 41.7 43.4 65.2#

55 10.5 21.4 32.0#

61 22.7 22.8 34.2#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.953 min Scan# 1870

Delta R.T. 0.012 min

Lab File: VN078158.D

Acq: 12 Jun 2023 10:52

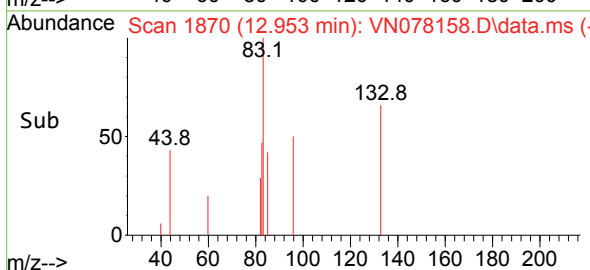
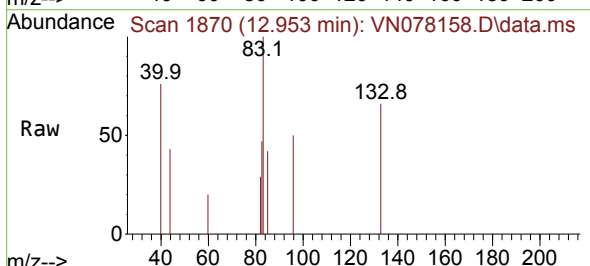
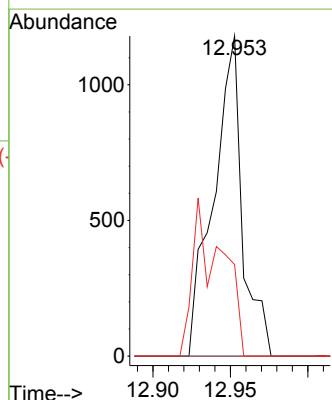
Tgt Ion: 83 Resp: 1524

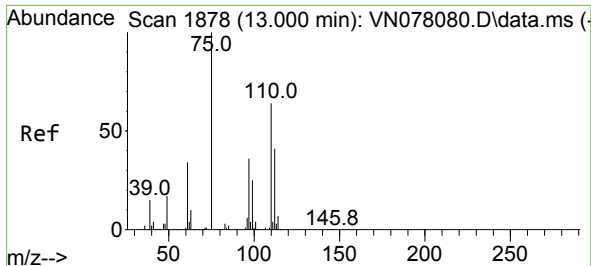
Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

85 0.0 31.9 95.7#

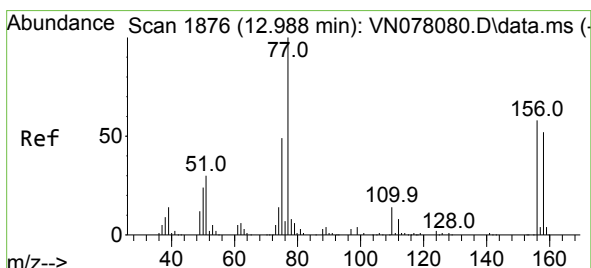
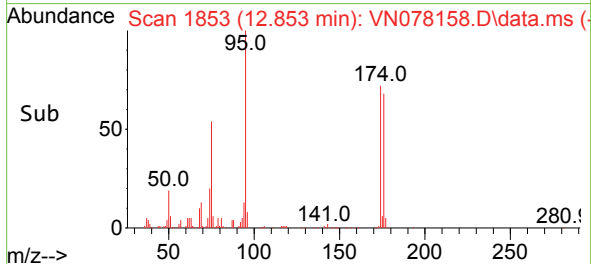
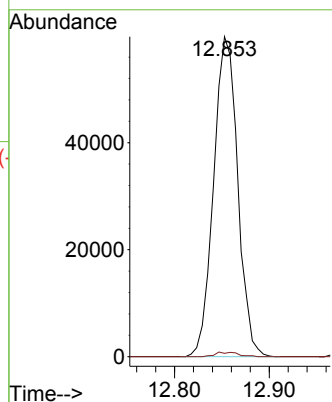
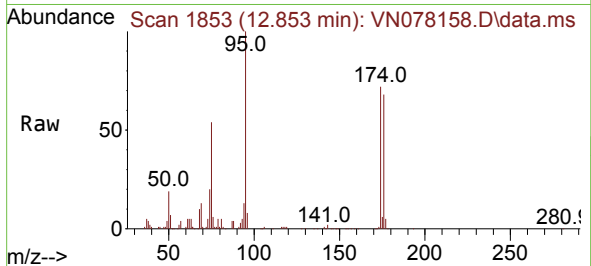




#76
1,2,3-Trichloropropane
Concen: 33.137 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN078158.D
Acq: 12 Jun 2023 10:52

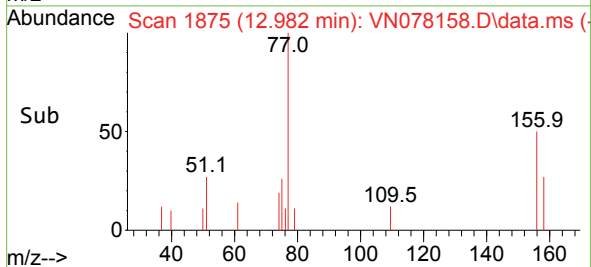
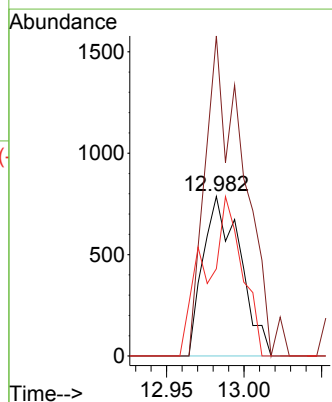
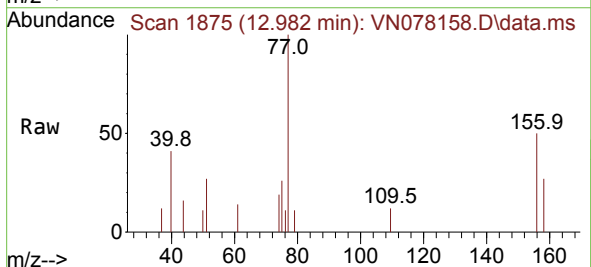
Instrument :
MSVOA_N
ClientSampleId :
VN0612MBL01

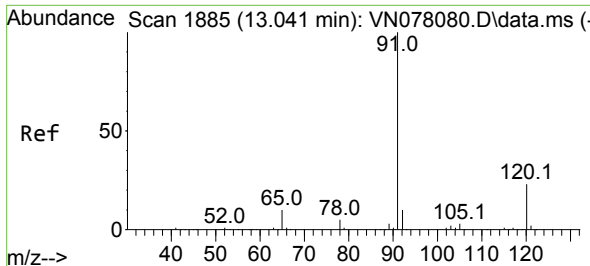
Tgt Ion: 75 Resp: 105846
Ion Ratio Lower Upper
75 100
77 1.3 84.5 253.5#



#77
Bromobenzene
Concen: 0.442 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN078158.D
Acq: 12 Jun 2023 10:52

Tgt Ion: 156 Resp: 1310
Ion Ratio Lower Upper
156 100
77 207.9 107.7 323.3
158 98.9 48.4 145.3

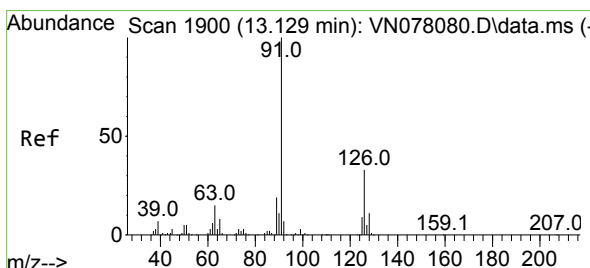
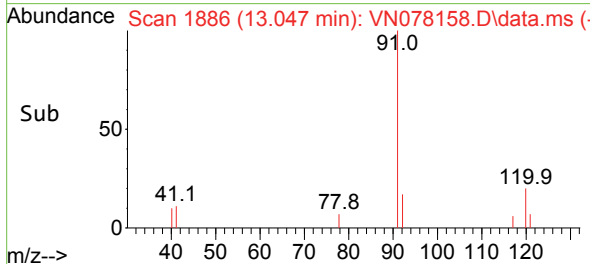
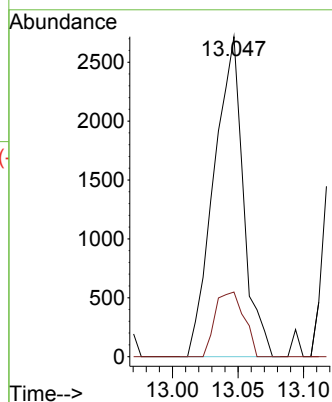
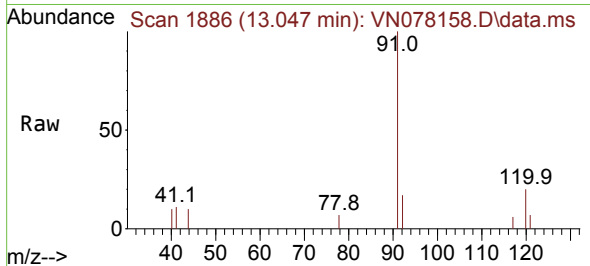




#78
n-propylbenzene
Concen: 0.305 ug/l
RT: 13.047 min Scan# 1886
Delta R.T. 0.006 min
Lab File: VN078158.D
Acq: 12 Jun 2023 10:52

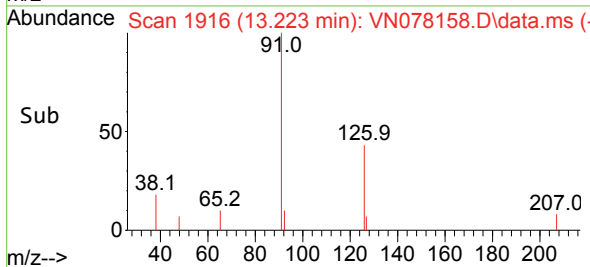
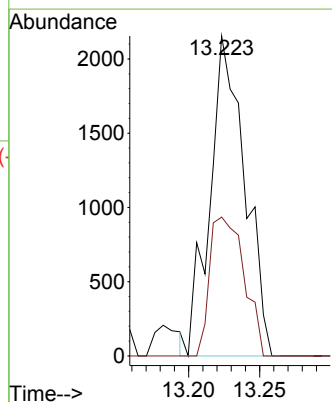
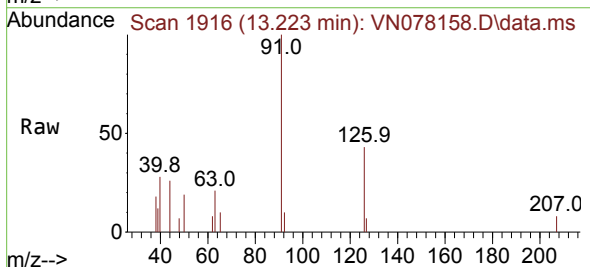
Instrument :
MSVOA_N
ClientSampleId :
VN0612MBL01

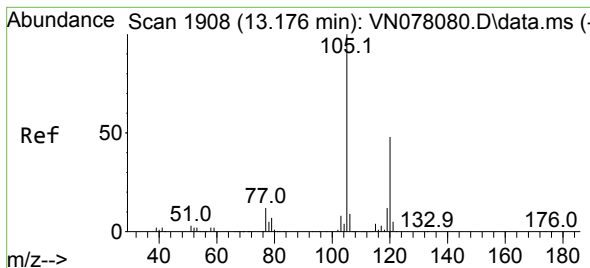
Tgt Ion: 91 Resp: 4233
Ion Ratio Lower Upper
91 100
120 19.9 11.5 34.4



#79
2-Chlorotoluene
Concen: 0.412 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.094 min
Lab File: VN078158.D
Acq: 12 Jun 2023 10:52

Tgt Ion: 91 Resp: 3693
Ion Ratio Lower Upper
91 100
126 42.8 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 0.203 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN078158.D

Acq: 12 Jun 2023 10:52

Instrument :

MSVOA_N

ClientSampleId :

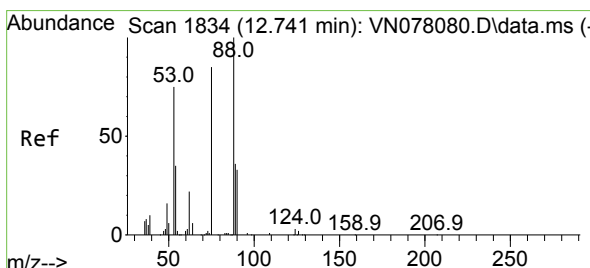
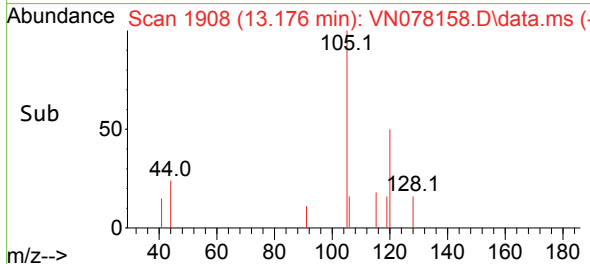
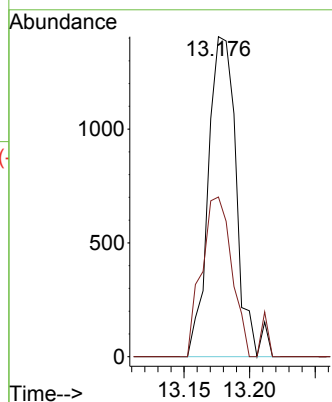
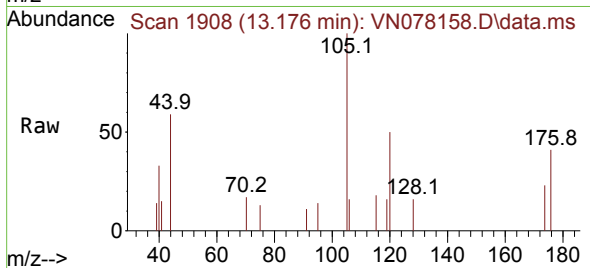
VN0612MBL01

Tgt Ion:105 Resp: 2096

Ion Ratio Lower Upper

105 100

120 53.4 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 101.809 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN078158.D

Acq: 12 Jun 2023 10:52

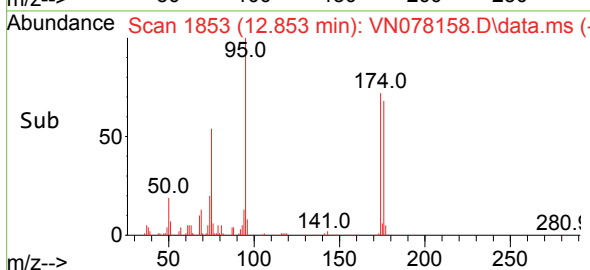
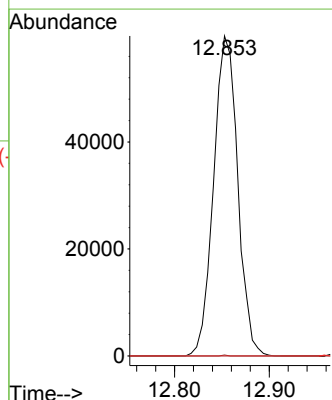
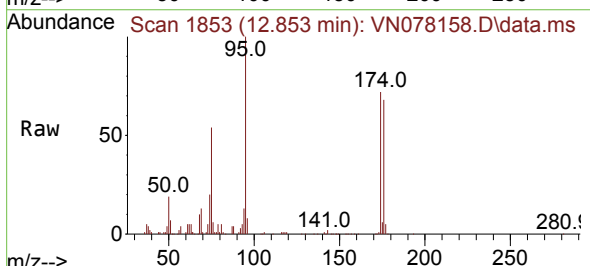
Tgt Ion: 75 Resp: 105846

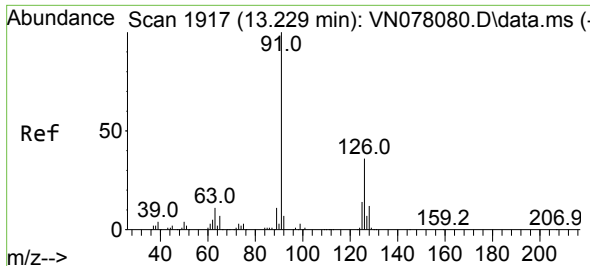
Ion Ratio Lower Upper

75 100

53 0.1 67.4 101.2#

89 0.0 38.8 58.2#

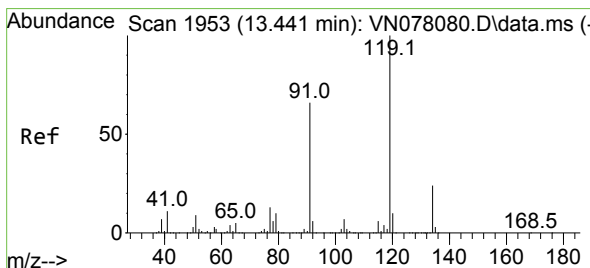
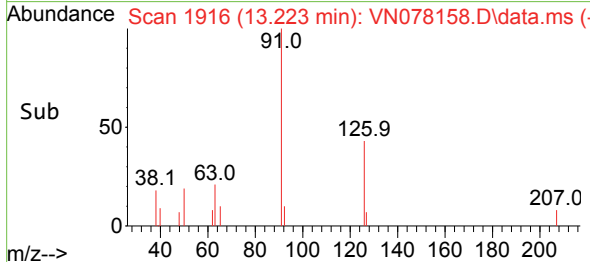
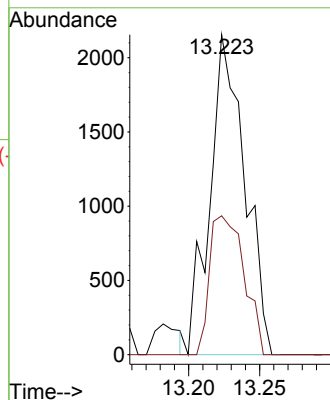
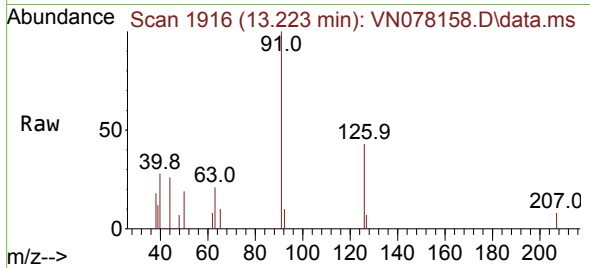




#82
4-Chlorotoluene
Concen: 0.442 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078158.D
Acq: 12 Jun 2023 10:52

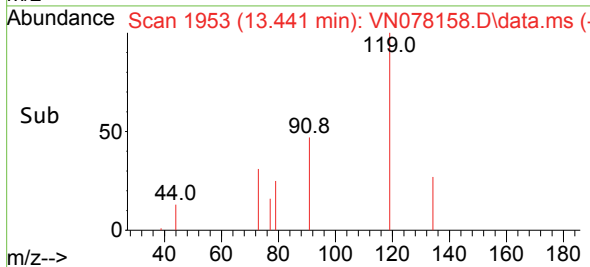
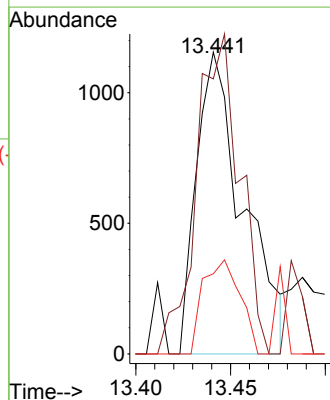
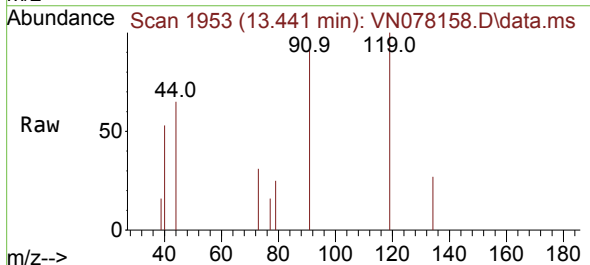
Instrument :
MSVOA_N
ClientSampleId :
VN0612MBL01

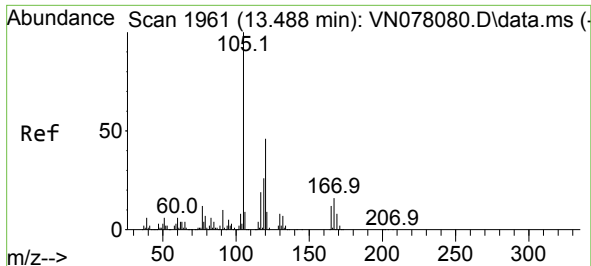
Tgt Ion: 91 Resp: 3693
Ion Ratio Lower Upper
91 100
126 42.8 16.7 50.0



#83
tert-Butylbenzene
Concen: 0.222 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN078158.D
Acq: 12 Jun 2023 10:52

Tgt Ion: 119 Resp: 1996
Ion Ratio Lower Upper
119 100
91 97.4 33.9 101.7
134 24.6 13.2 39.6

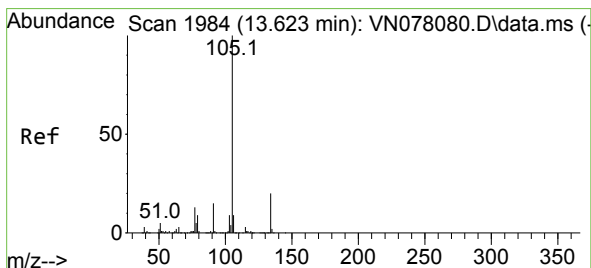
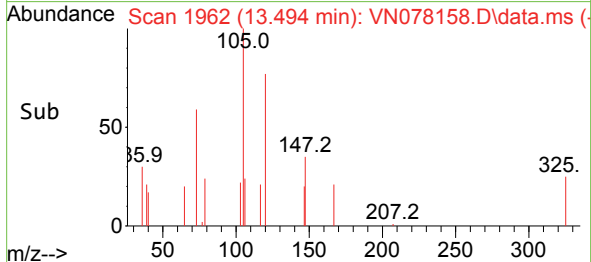
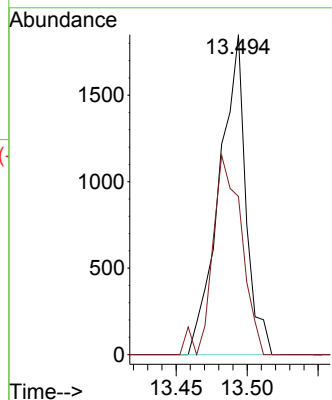
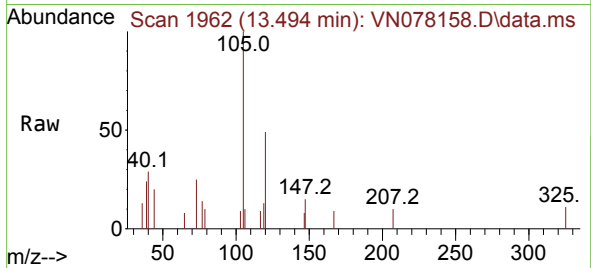




#84
1,2,4-Trimethylbenzene
Concen: 0.240 ug/l
RT: 13.494 min Scan# 1962
Delta R.T. 0.006 min
Lab File: VN078158.D
Acq: 12 Jun 2023 10:52

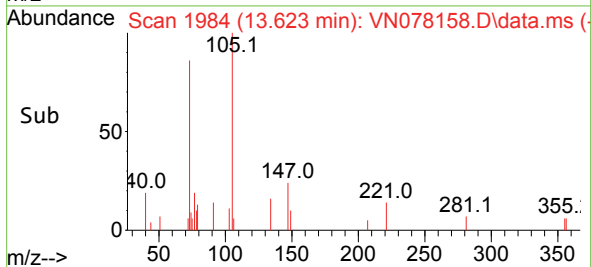
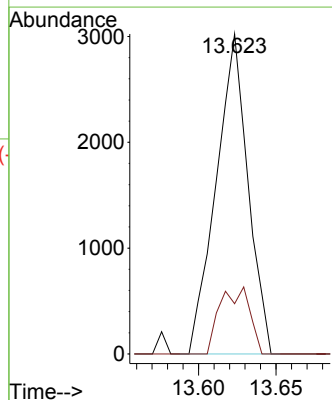
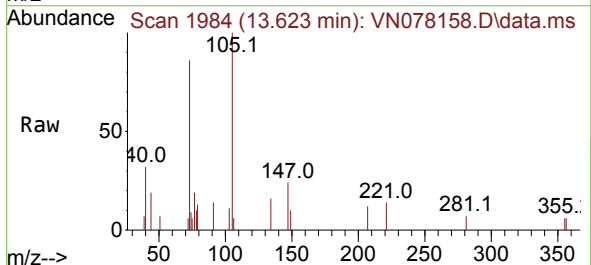
Instrument :
MSVOA_N
ClientSampleId :
VN0612MBL01

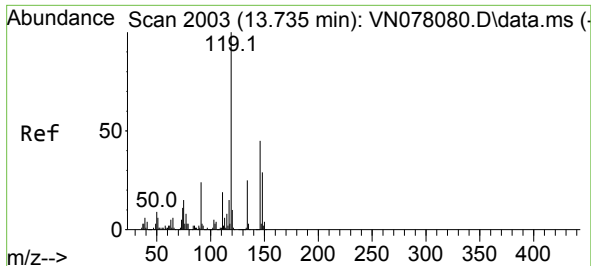
Tgt Ion:105 Resp: 2406
Ion Ratio Lower Upper
105 100
120 68.0 22.0 66.0#



#85
sec-Butylbenzene
Concen: 0.367 ug/l
RT: 13.623 min Scan# 1984
Delta R.T. -0.000 min
Lab File: VN078158.D
Acq: 12 Jun 2023 10:52

Tgt Ion:105 Resp: 4322
Ion Ratio Lower Upper
105 100
134 19.5 9.8 29.3

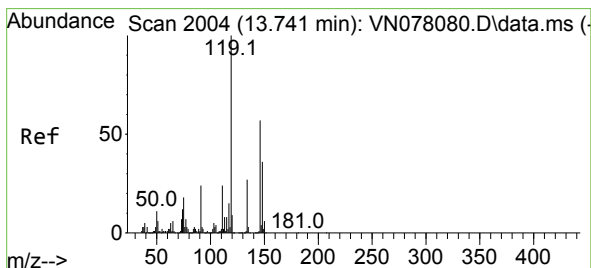
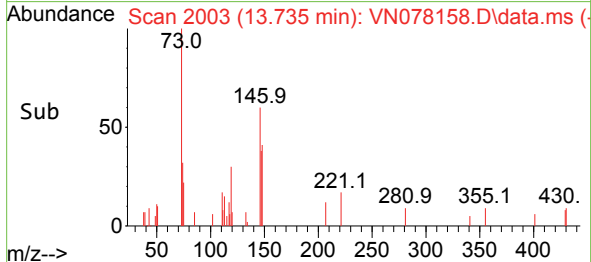
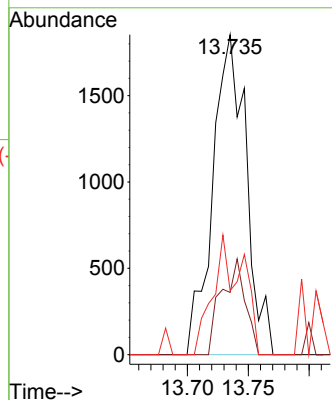
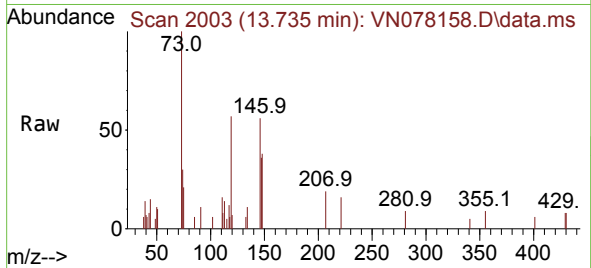




#86
p-Isopropyltoluene
Concen: 0.371 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN078158.D
Acq: 12 Jun 2023 10:52

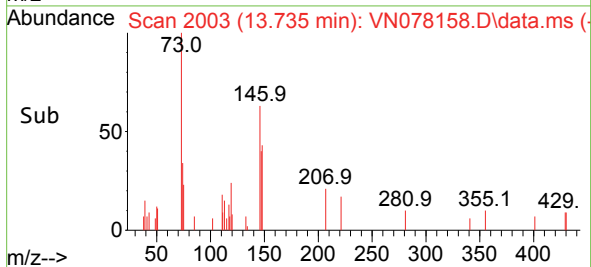
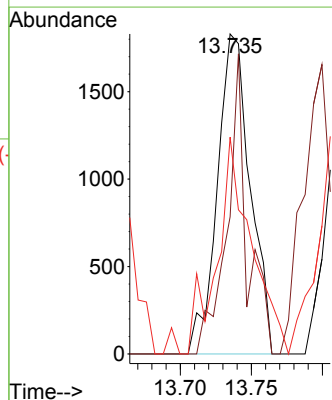
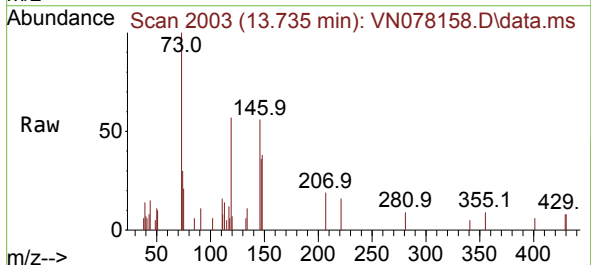
Instrument :
MSVOA_N
ClientSampleId :
VN0612MBL01

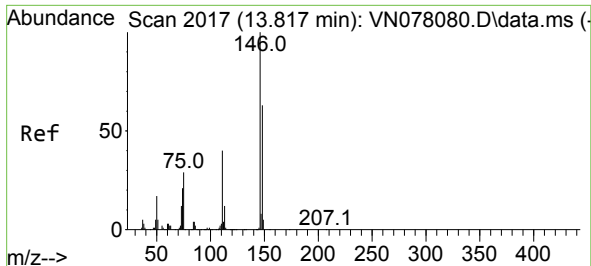
Tgt Ion:119 Resp: 3541
Ion Ratio Lower Upper
119 100
134 21.2 12.6 37.8
91 32.8 12.4 37.2



#87
1,3-Dichlorobenzene
Concen: 0.588 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN078158.D
Acq: 12 Jun 2023 10:52

Tgt Ion:146 Resp: 2948
Ion Ratio Lower Upper
146 100
111 57.4 22.1 66.3
148 72.4 32.0 96.0

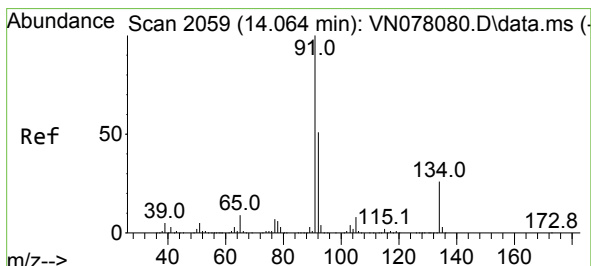
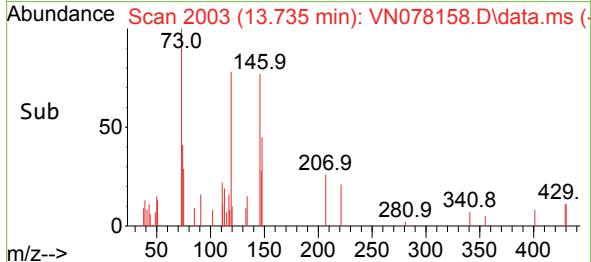
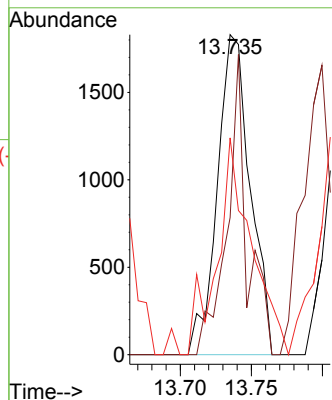
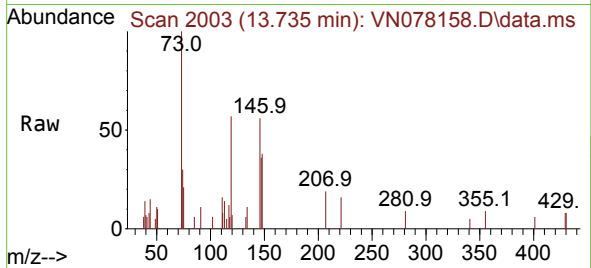




#88
1,4-Dichlorobenzene
Concen: 0.609 ug/l
RT: 13.735 min Scan# 2017
Delta R.T. -0.082 min
Lab File: VN078158.D
Acq: 12 Jun 2023 10:52

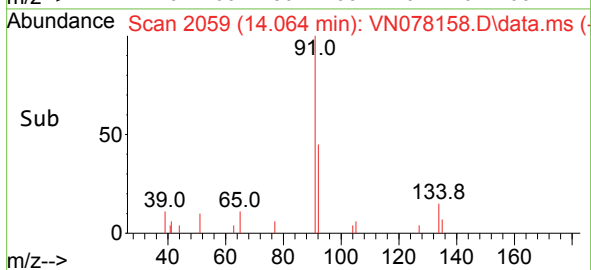
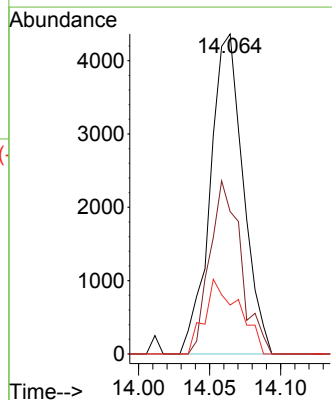
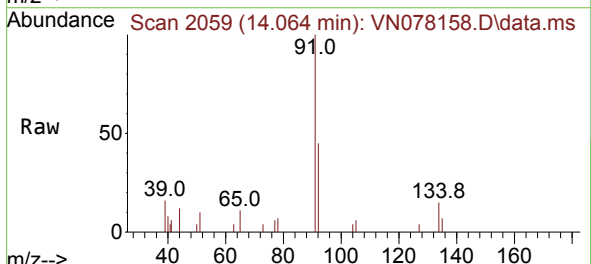
Instrument :
MSVOA_N
ClientSampleId :
VN0612MBL01

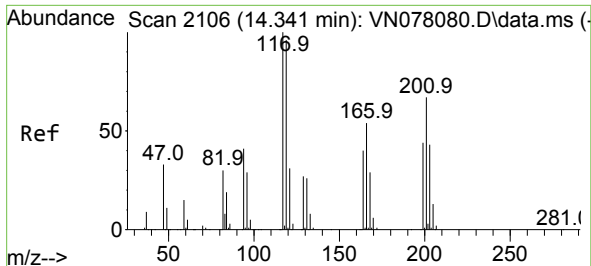
Tgt Ion:146 Resp: 2948
Ion Ratio Lower Upper
146 100
111 57.4 20.6 61.8
148 72.4 31.6 94.8



#89
n-Butylbenzene
Concen: 0.935 ug/l
RT: 14.064 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VN078158.D
Acq: 12 Jun 2023 10:52

Tgt Ion: 91 Resp: 7044
Ion Ratio Lower Upper
91 100
92 50.9 26.4 79.0
134 24.3 12.6 37.6

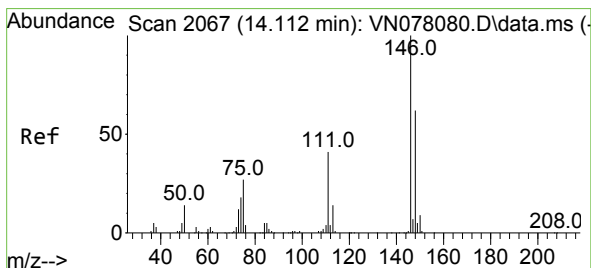
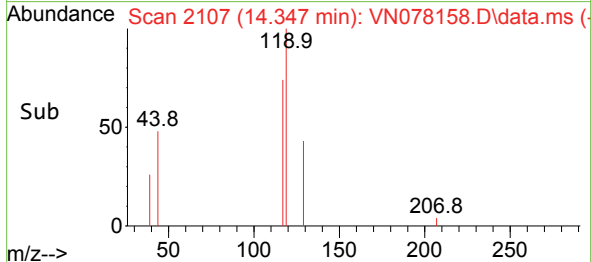
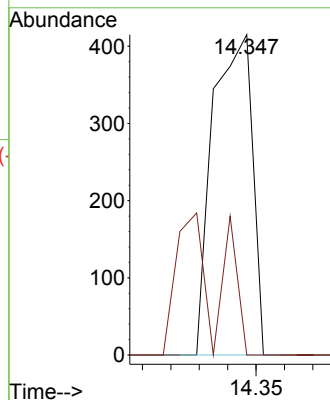
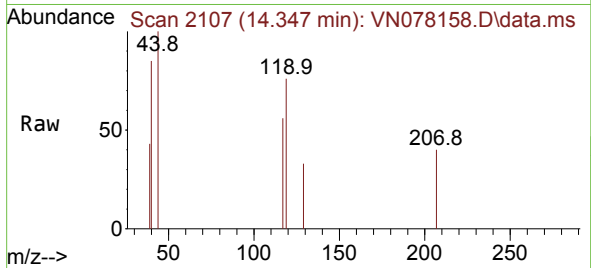




#90
Hexachloroethane
Concen: 0.236 ug/l
RT: 14.347 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN078158.D
Acq: 12 Jun 2023 10:52

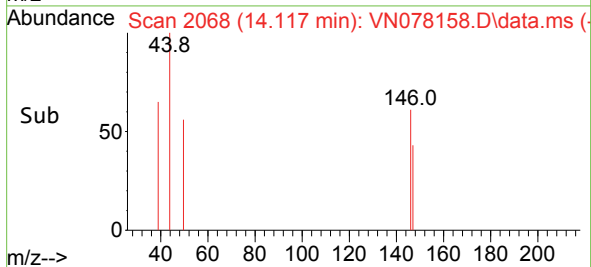
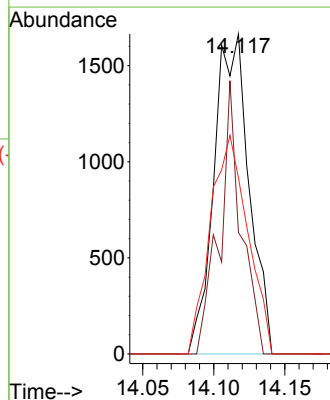
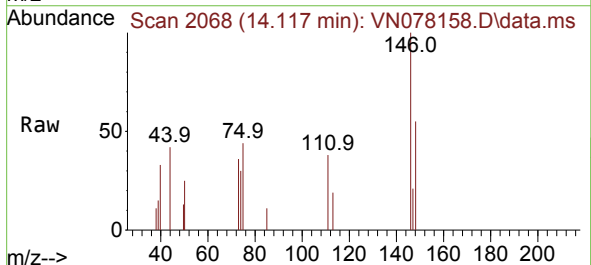
Instrument :
MSVOA_N
ClientSampleId :
VN0612MBL01

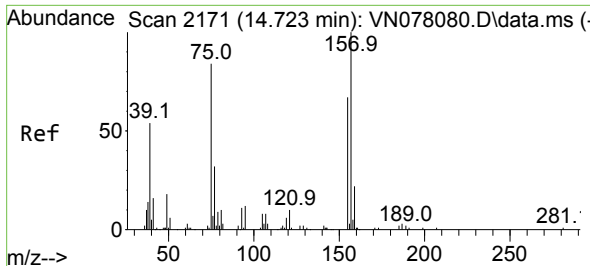
Tgt Ion:117 Resp: 400
Ion Ratio Lower Upper
117 100
201 46.3 29.3 88.0



#91
1,2-Dichlorobenzene
Concen: 0.581 ug/l
RT: 14.117 min Scan# 2068
Delta R.T. 0.006 min
Lab File: VN078158.D
Acq: 12 Jun 2023 10:52

Tgt Ion:146 Resp: 2850
Ion Ratio Lower Upper
146 100
111 52.7 22.0 66.0
148 73.2 31.8 95.3

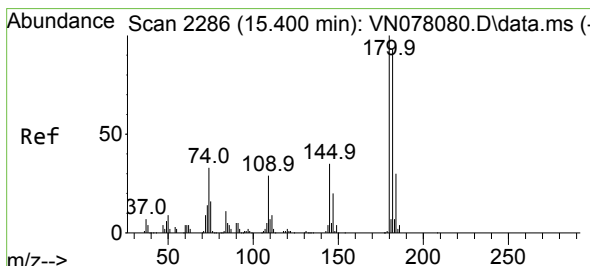
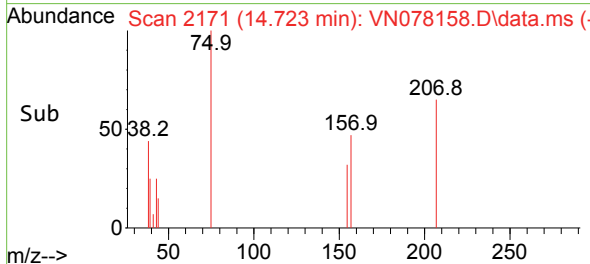
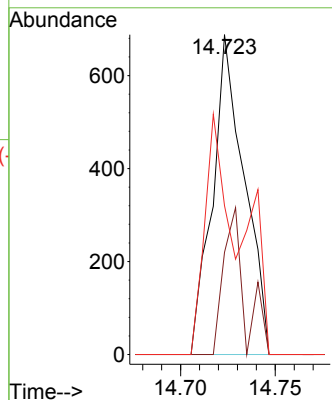
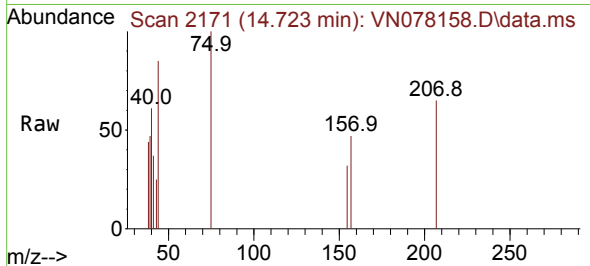




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.270 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. -0.000 min
 Lab File: VN078158.D
 Acq: 12 Jun 2023 10:52

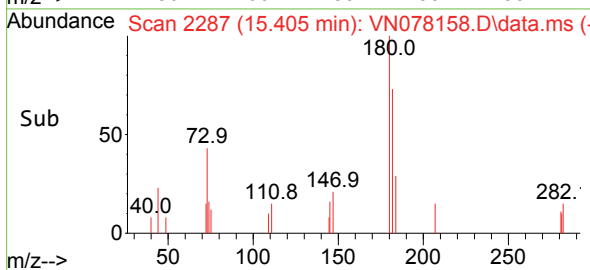
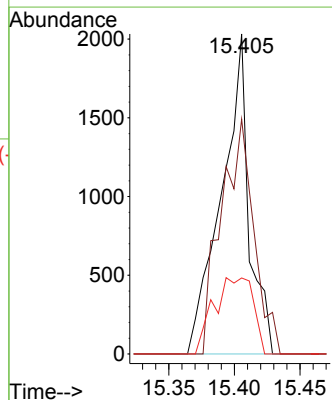
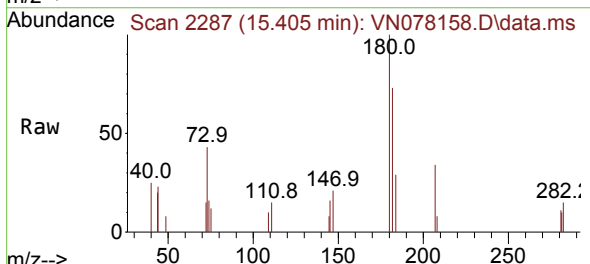
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0612MBL01

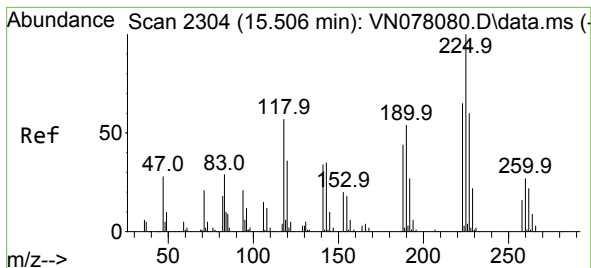
Tgt Ion: 75 Resp: 804
 Ion Ratio Lower Upper
 75 100
 155 30.3 39.1 117.2#
 157 82.6 50.3 150.9



#93
 1,2,4-Trichlorobenzene
 Concen: 1.690 ug/l
 RT: 15.405 min Scan# 2287
 Delta R.T. 0.006 min
 Lab File: VN078158.D
 Acq: 12 Jun 2023 10:52

Tgt Ion: 180 Resp: 2952
 Ion Ratio Lower Upper
 180 100
 182 87.6 46.1 138.2
 145 34.4 16.6 49.8





#94

Hexachlorobutadiene

Concen: 0.644 ug/l

RT: 15.511 min Scan# 21

Delta R.T. 0.005 min

Lab File: VN078158.D

Acq: 12 Jun 2023 10:52

Instrument :

MSVOA_N

ClientSampleId :

VN0612MBL01

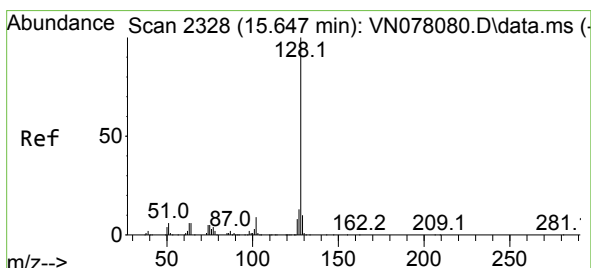
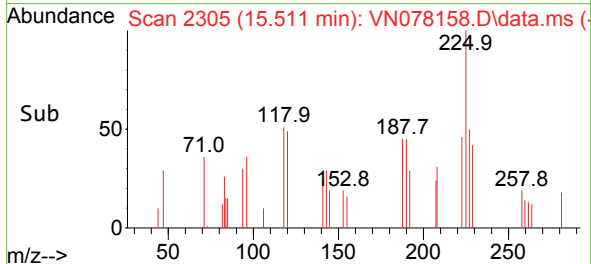
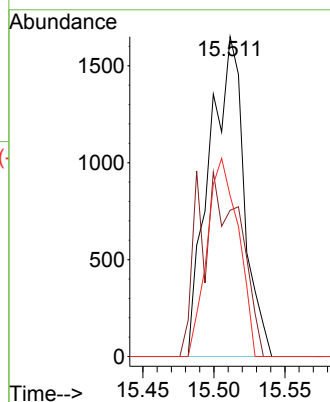
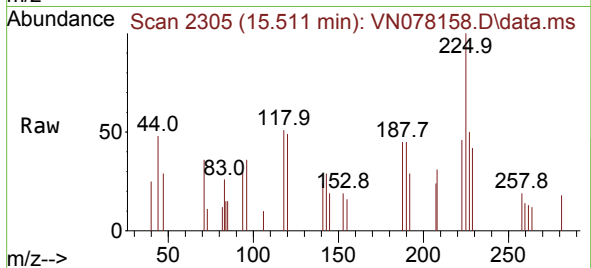
Tgt Ion:225 Resp: 2816

Ion Ratio Lower Upper

225 100

223 0.0 31.3 93.8#

227 55.8 31.9 95.9



#95

Naphthalene

Concen: 2.178 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN078158.D

Acq: 12 Jun 2023 10:52

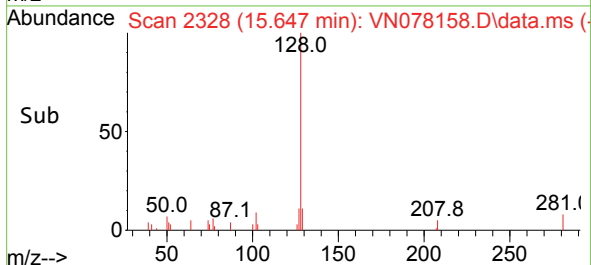
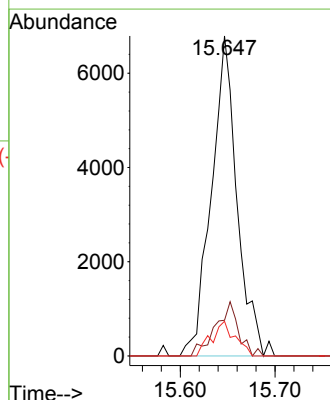
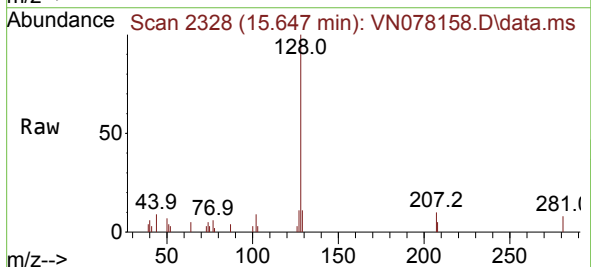
Tgt Ion:128 Resp: 12799

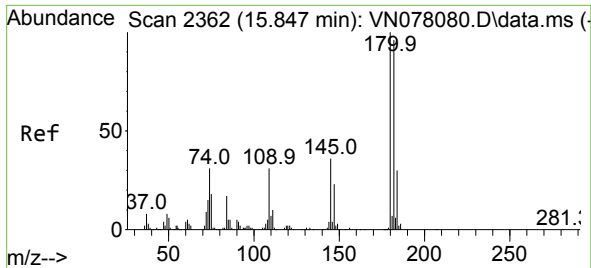
Ion Ratio Lower Upper

128 100

127 15.1 10.0 15.0#

129 9.9 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 2.210 ug/l
 RT: 15.852 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN078158.D
 Acq: 12 Jun 2023 10:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0612MBL01

Tgt Ion:	180	Resp:	4318
Ion Ratio	Lower	Upper	
180	100		
182	87.7	46.2	138.6
145	32.6	17.5	52.6

