

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060823\
 Data File : VN078117.D
 Acq On : 08 Jun 2023 09:47
 Operator : JC\MD
 Sample : VN0608MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608MBL01

Quant Time: Jun 09 01:21:38 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	8.230	168	348410	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	626439	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	552987	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	161210	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	237590	51.146	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.300%	
35) Dibromofluoromethane	8.171	113	209974	53.012	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.020%	
50) Toluene-d8	10.571	98	773988	50.688	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.380%	
62) 4-Bromofluorobenzene	12.853	95	217564	45.832	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.660%	

Target Compounds				Qvalue		
3) Chloromethane	2.377	50	968	Below Cal	#	82
5) Bromomethane	2.977	94	2846	0.730	ug/l	94
10) Methyl Iodide	4.618	142	2199	0.421	ug/l	# 90
11) Tert butyl alcohol	5.530	59	999	1.557	ug/l	# 72
13) Acrolein	4.201	56	773	1.093	ug/l	# 62
15) Acrylonitrile	5.736	53	1119	0.677	ug/l	# 18
16) Acetone	4.454	43	2361	1.766	ug/l	# 70
17) Carbon Disulfide	4.718	76	3366	0.344	ug/l	# 75
18) Methyl Acetate	5.048	43	2192	0.356	ug/l	# 67
20) Methylene Chloride	5.277	84	1610	0.364	ug/l	# 74
25) 2-Butanone	7.506	43	733	0.356	ug/l	# 77
29) Tetrahydrofuran	7.847	42	455	0.331	ug/l	# 33
31) Cyclohexane	8.224	56	8162	1.370	ug/l	# 30
36) 1,1-Dichloropropene	8.230	75	29245	5.147	ug/l	# 45
38) Carbon Tetrachloride	8.236	117	38963	6.495	ug/l	# 16
49) 1,4-Dioxane	9.700	88	110	1.469	ug/l	# 71
51) 4-Methyl-2-Pentanone	10.441	43	2187	0.489	ug/l	94
59) 2-Hexanone	11.206	43	3326	1.069	ug/l	87
65) Chlorobenzene	11.888	112	2406	0.203	ug/l	# 86
68) m/p-Xylenes	12.077	106	2227	0.286	ug/l	# 64
74) N-amyl acetate	12.506	43	1690	0.337	ug/l	# 77
75) 1,1,2,2-Tetrachloroethane	12.941	83	994	Below Cal		89
76) 1,2,3-Trichloropropane	12.853	75	114994	30.174	ug/l	# 1
77) Bromobenzene	12.988	156	1110	0.314	ug/l	91
78) n-propylbenzene	13.047	91	3827	0.231	ug/l	97
79) 2-Chlorotoluene	13.129	91	2366	0.221	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.853	75	114994	92.703	ug/l	# 15
82) 4-Chlorotoluene	13.229	91	2877	0.288	ug/l	74
83) tert-Butylbenzene	13.447	119	2422	0.226	ug/l	95
85) sec-Butylbenzene	13.618	105	4126	0.294	ug/l	96
86) p-Isopropyltoluene	13.735	119	3622	0.318	ug/l	90
87) 1,3-Dichlorobenzene	13.735	146	2838	0.474	ug/l	97
88) 1,4-Dichlorobenzene	13.735	146	2838	0.491	ug/l	96
89) n-Butylbenzene	14.059	91	6446	0.717	ug/l	90
90) Hexachloroethane	14.335	117	506	0.250	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	2402	0.411	ug/l	92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060823\
 Data File : VN078117.D
 Acq On : 08 Jun 2023 09:47
 Operator : JC\MD
 Sample : VN0608MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608MBL01

Quant Time: Jun 09 01:21:38 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

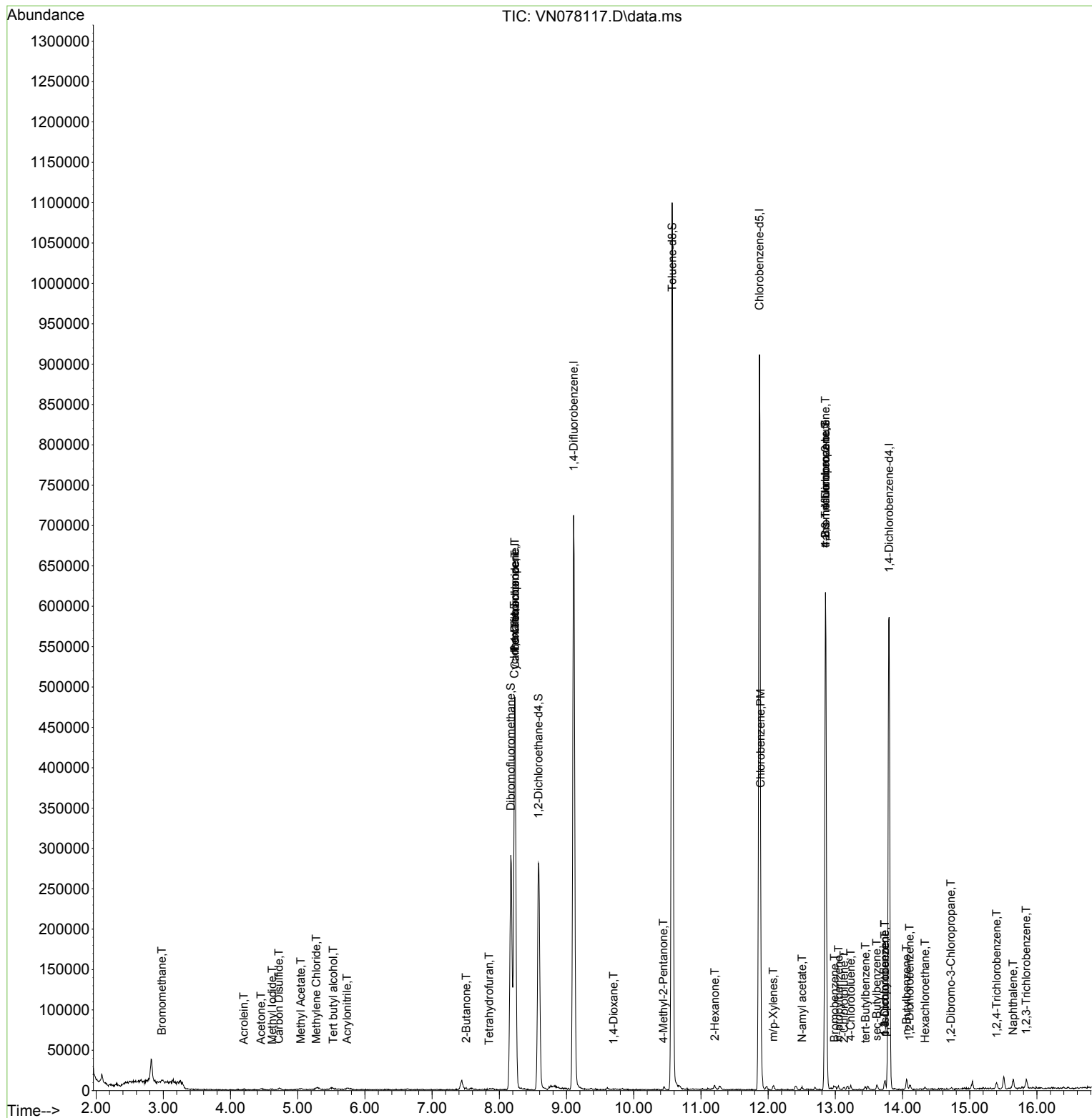
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropr...	14.718	75	558	0.739	ug/l #	65
93) 1,2,4-Trichlorobenzene	15.400	180	2725	1.307	ug/l	91
95) Naphthalene	15.647	128	10711	1.528	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.841	180	3814	1.636	ug/l	90

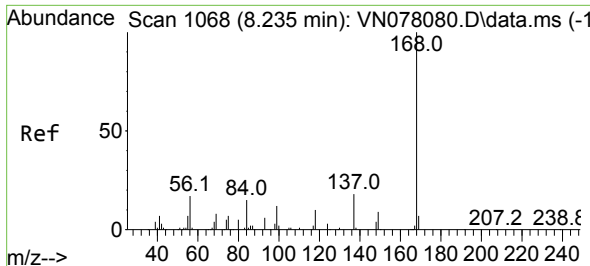
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060823\
 Data File : VN078117.D
 Acq On : 08 Jun 2023 09:47
 Operator : JC\MD
 Sample : VN0608MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608MBL01

Quant Time: Jun 09 01:21:38 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

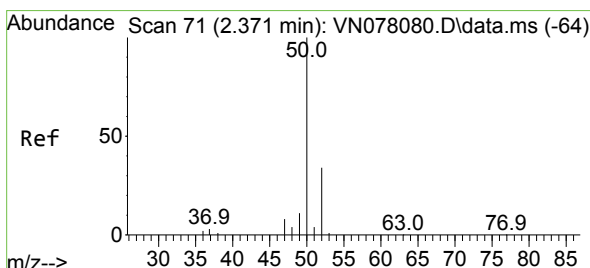
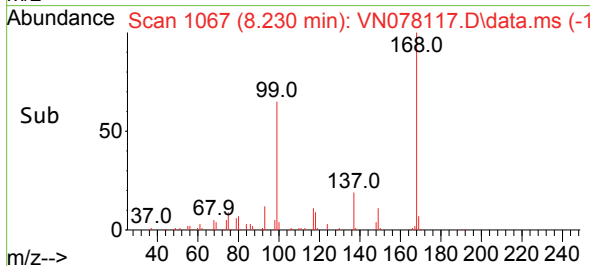
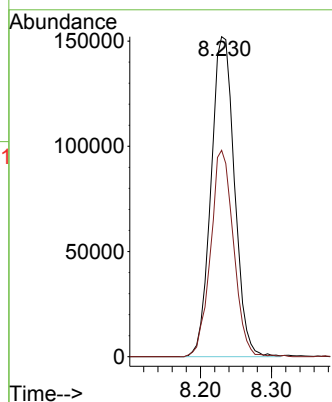
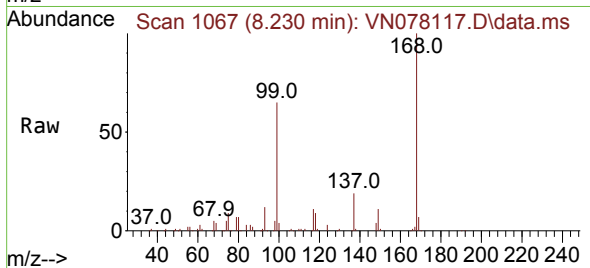




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN078117.D
Acq: 08 Jun 2023 09:47

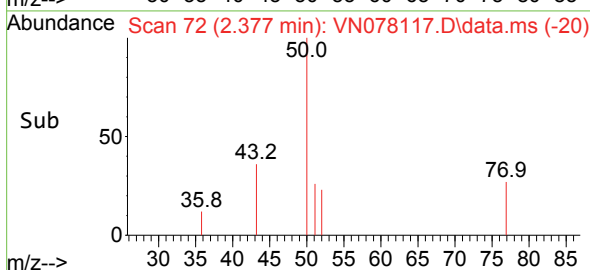
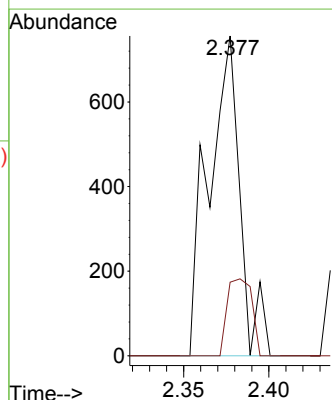
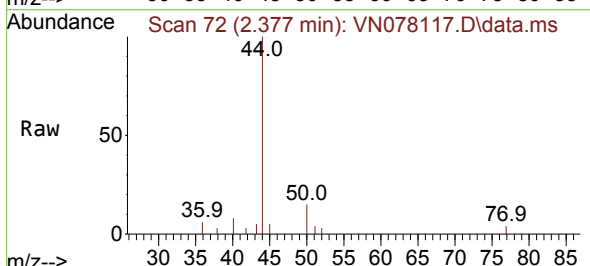
Instrument :
MSVOA_N
ClientSampleId :
VN0608MBL01

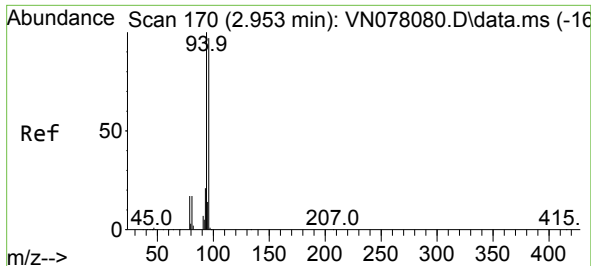
Tgt Ion:168 Resp: 348410
Ion Ratio Lower Upper
168 100
99 64.5 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.377 min Scan# 72
Delta R.T. 0.006 min
Lab File: VN078117.D
Acq: 08 Jun 2023 09:47

Tgt Ion: 50 Resp: 968
Ion Ratio Lower Upper
50 100
52 23.0 26.5 39.7#

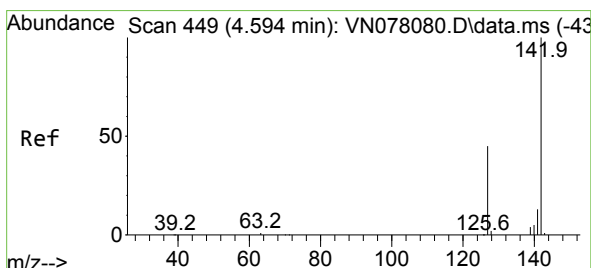
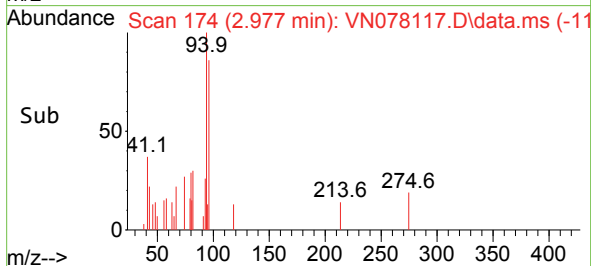
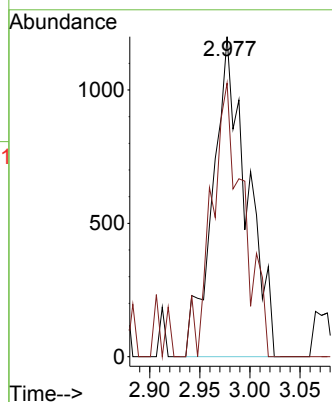
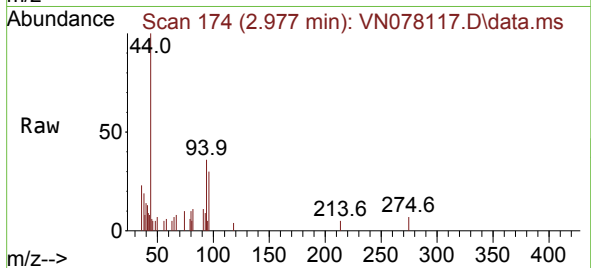




#5
Bromomethane
Concen: 0.730 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN078117.D
Acq: 08 Jun 2023 09:47

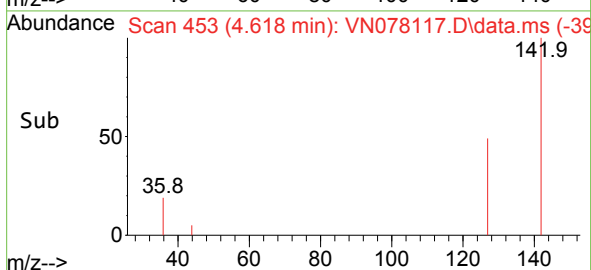
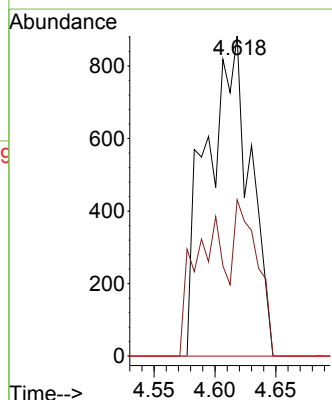
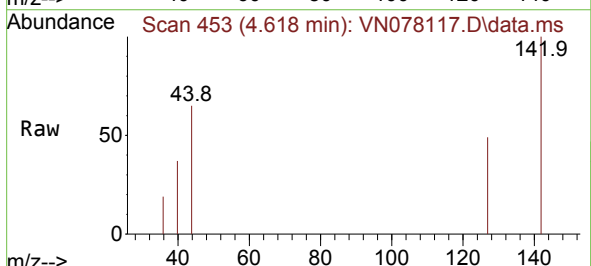
Instrument :
MSVOA_N
ClientSampleId :
VN0608MBL01

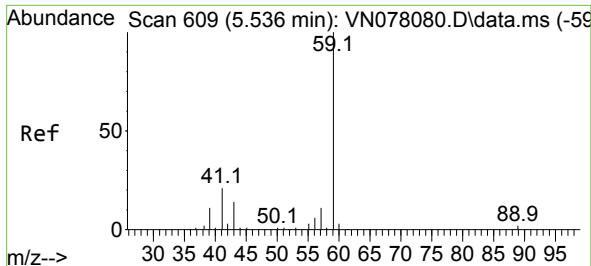
Tgt Ion: 94 Resp: 2846
Ion Ratio Lower Upper
94 100
96 85.5 73.1 109.7



#10
Methyl Iodide
Concen: 0.421 ug/l
RT: 4.618 min Scan# 453
Delta R.T. 0.024 min
Lab File: VN078117.D
Acq: 08 Jun 2023 09:47

Tgt Ion: 142 Resp: 2199
Ion Ratio Lower Upper
142 100
127 48.8 37.6 56.4
141 0.0 11.4 17.0#

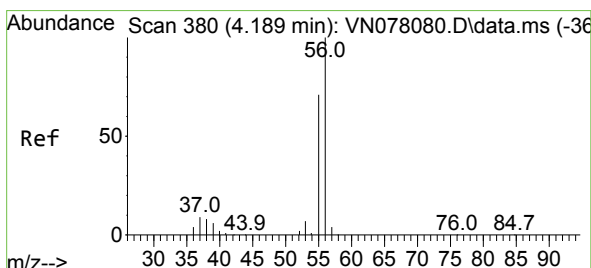
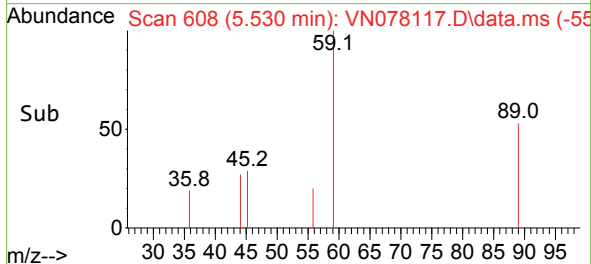
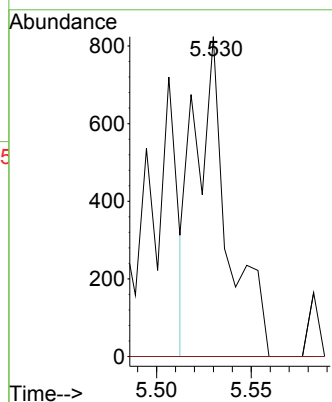
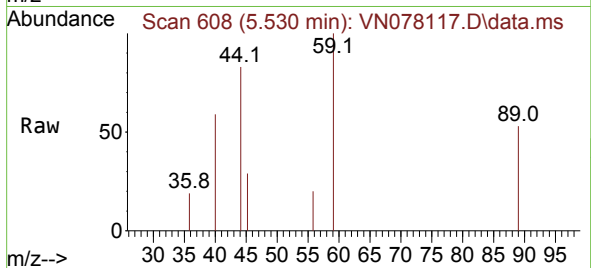




#11
Tert butyl alcohol
Concen: 1.557 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN078117.D
Acq: 08 Jun 2023 09:47

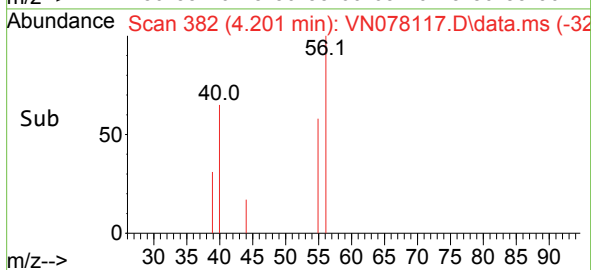
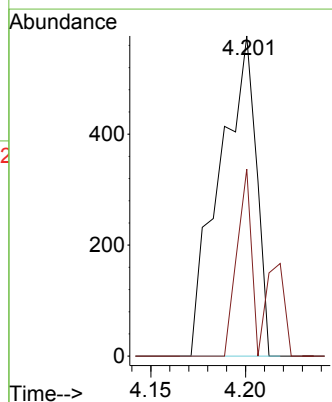
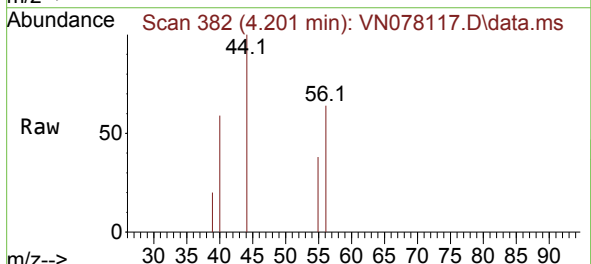
Instrument :
MSVOA_N
ClientSampleId :
VN0608MBL01

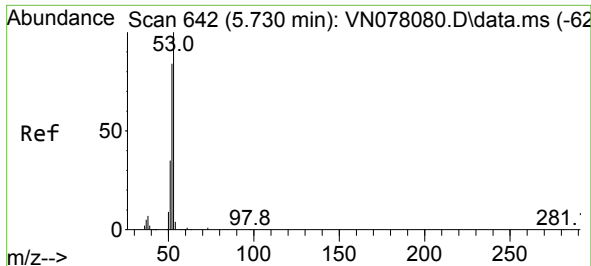
Tgt Ion: 59 Resp: 999
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#13
Acrolein
Concen: 1.093 ug/l
RT: 4.201 min Scan# 382
Delta R.T. 0.012 min
Lab File: VN078117.D
Acq: 08 Jun 2023 09:47

Tgt Ion: 56 Resp: 773
Ion Ratio Lower Upper
56 100
55 37.6 54.5 81.7#

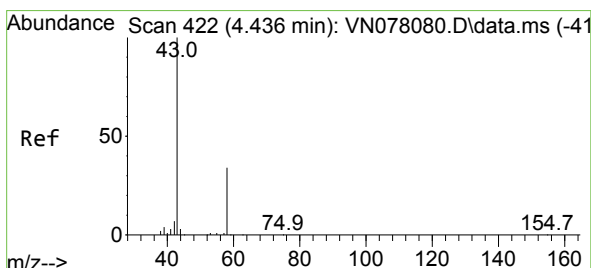
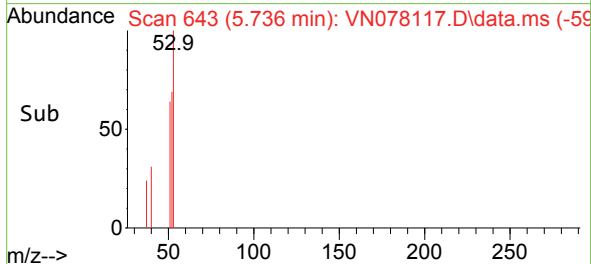
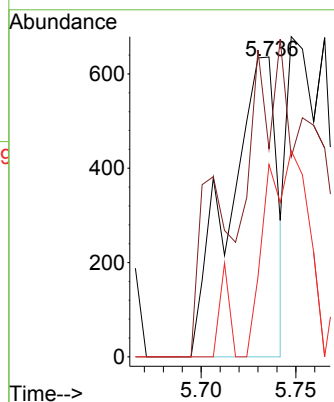
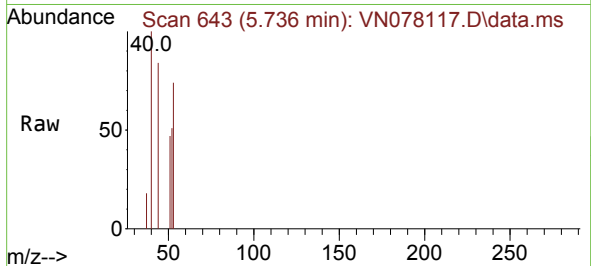




#15
Acrylonitrile
Concen: 0.677 ug/l
RT: 5.736 min Scan# 642
Delta R.T. 0.006 min
Lab File: VN078117.D
Acq: 08 Jun 2023 09:47

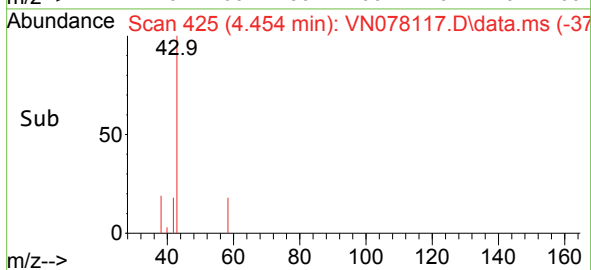
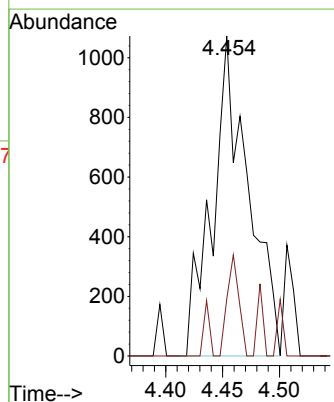
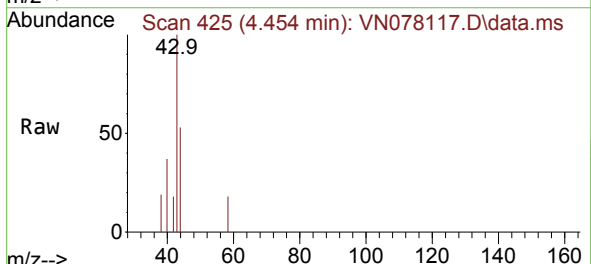
Instrument :
MSVOA_N
ClientSampleId :
VN0608MBL01

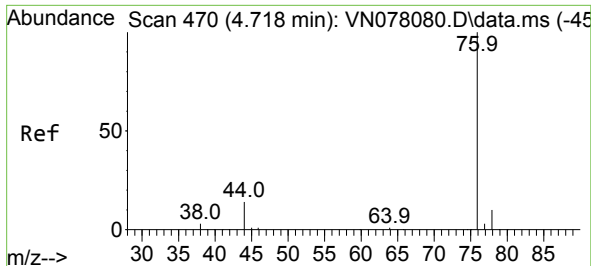
Tgt Ion: 53 Resp: 1119
Ion Ratio Lower Upper
53 100
52 0.0 65.3 97.9#
51 0.0 28.9 43.3#



#16
Acetone
Concen: 1.766 ug/l
RT: 4.454 min Scan# 425
Delta R.T. 0.018 min
Lab File: VN078117.D
Acq: 08 Jun 2023 09:47

Tgt Ion: 43 Resp: 2361
Ion Ratio Lower Upper
43 100
58 17.8 28.0 42.0#

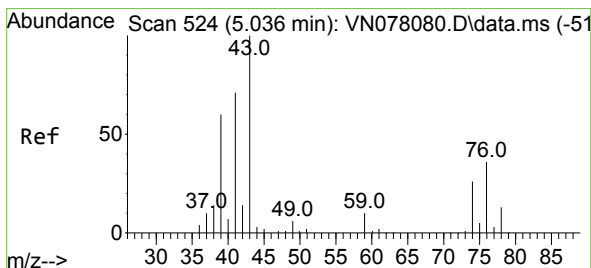
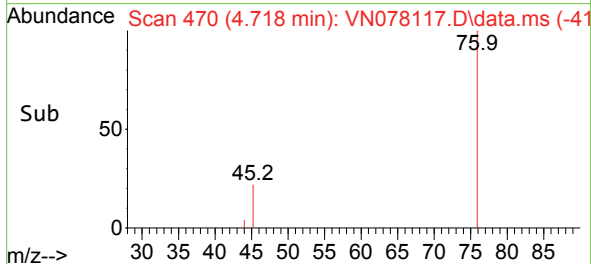
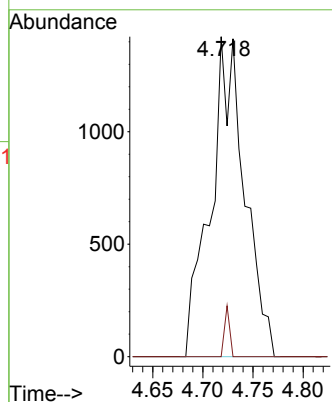
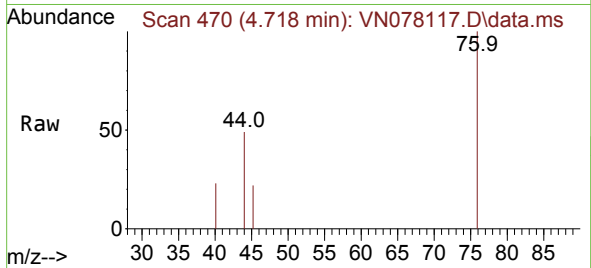




#17
Carbon Disulfide
Concen: 0.344 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN078117.D
Acq: 08 Jun 2023 09:47

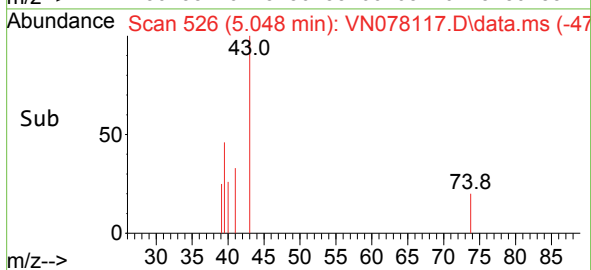
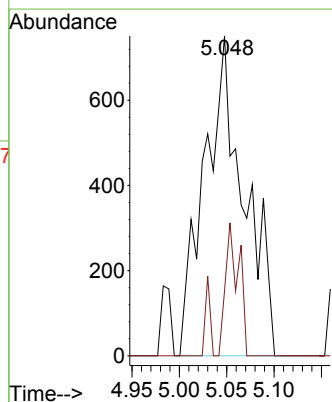
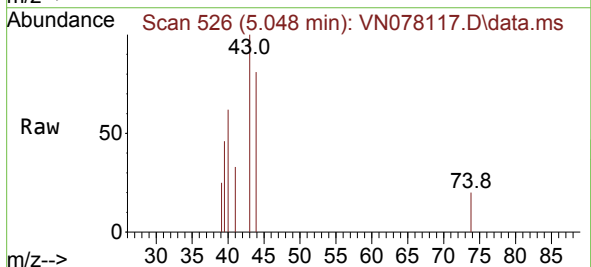
Instrument :
MSVOA_N
ClientSampleId :
VN0608MBL01

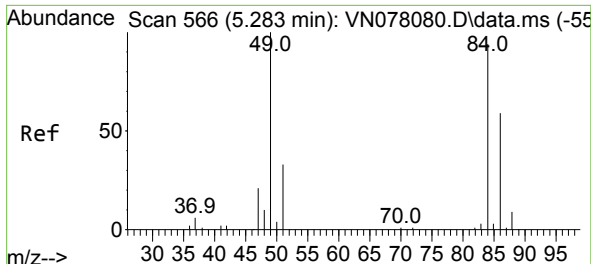
Tgt Ion: 76 Resp: 3366
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: 0.356 ug/l
RT: 5.048 min Scan# 526
Delta R.T. 0.012 min
Lab File: VN078117.D
Acq: 08 Jun 2023 09:47

Tgt Ion: 43 Resp: 2192
Ion Ratio Lower Upper
43 100
74 14.1 26.2 39.4#

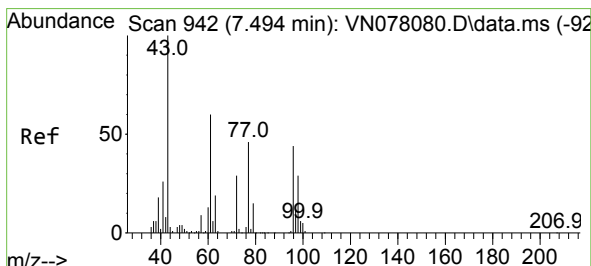
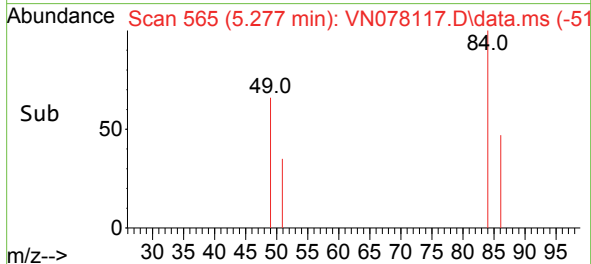
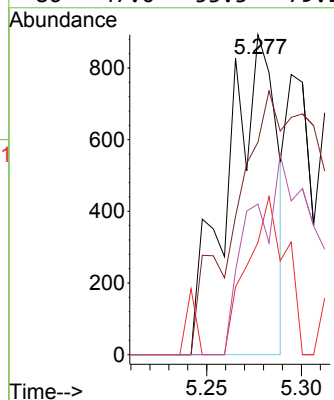
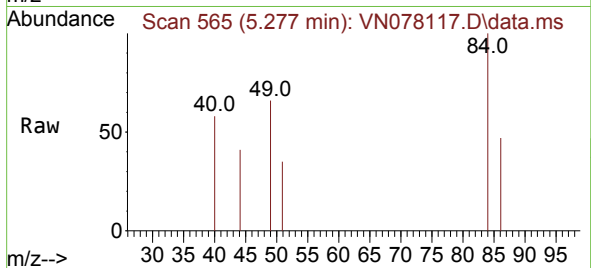




#20
Methylene Chloride
Concen: 0.364 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN078117.D
Acq: 08 Jun 2023 09:47

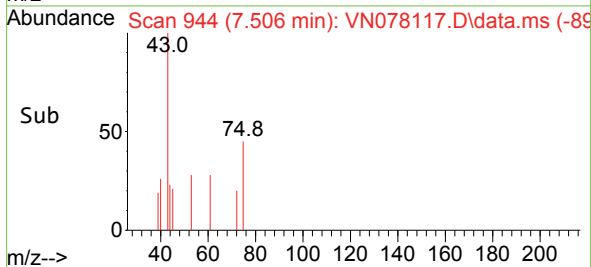
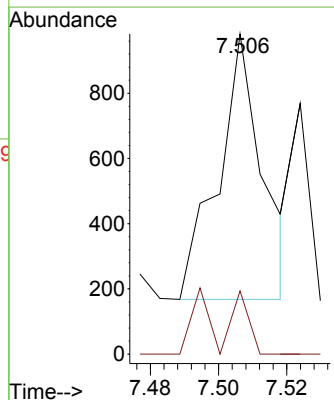
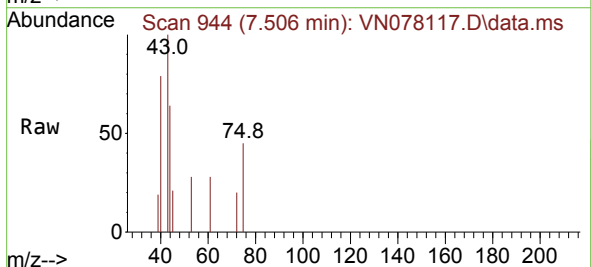
Instrument :
MSVOA_N
ClientSampleId :
VN0608MBL01

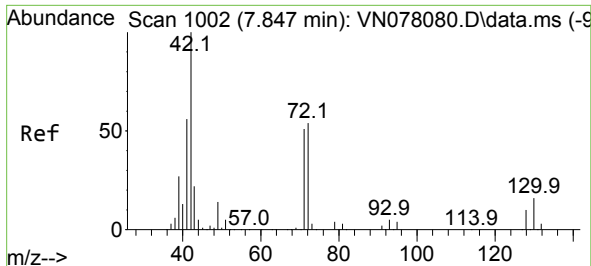
Tgt Ion:	84	Resp:	1610
Ion	Ratio	Lower	Upper
84	100		
49	66.4	79.7	119.5#
51	35.1	25.2	37.8
86	47.0	53.3	79.9#



#25
2-Butanone
Concen: 0.356 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.012 min
Lab File: VN078117.D
Acq: 08 Jun 2023 09:47

Tgt Ion:	43	Resp:	733
Ion	Ratio	Lower	Upper
43	100		
72	23.8	30.2	45.2#

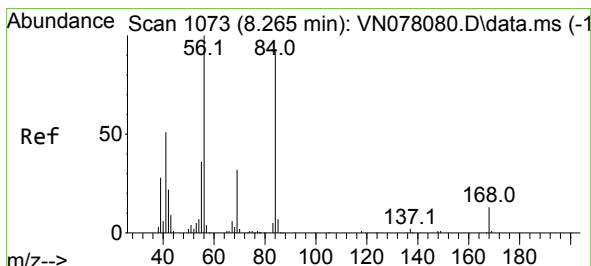
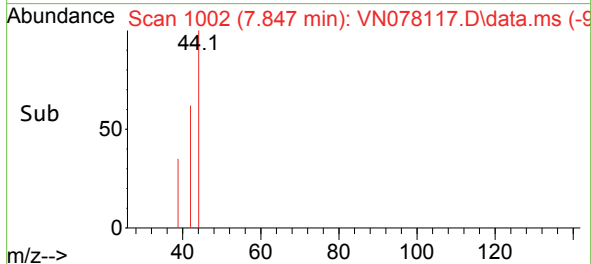
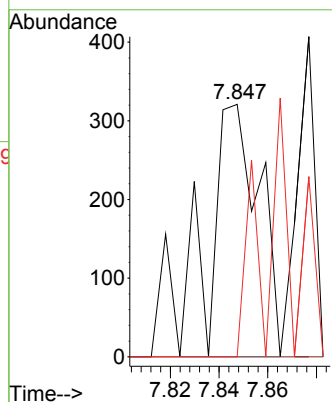
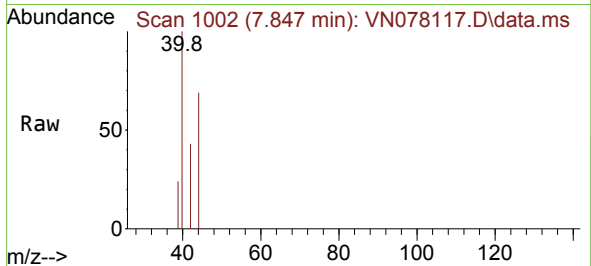




#29
Tetrahydrofuran
Concen: 0.331 ug/l
RT: 7.847 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VN078117.D
Acq: 08 Jun 2023 09:47

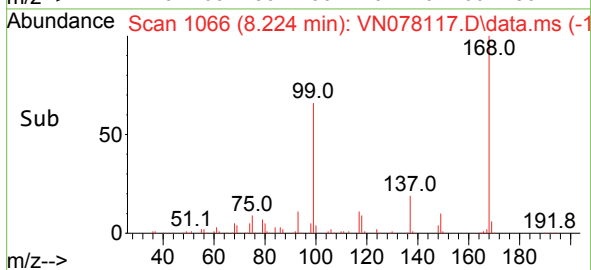
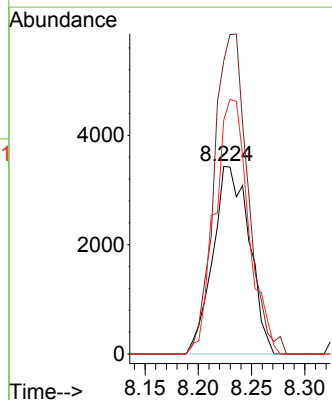
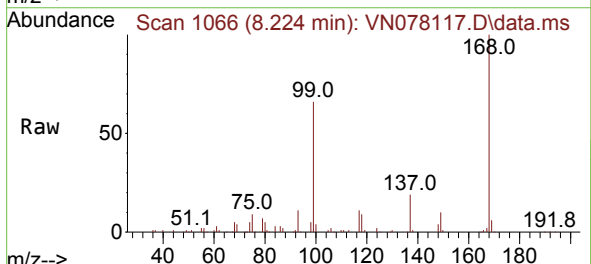
Instrument :
MSVOA_N
ClientSampleId :
VN0608MBL01

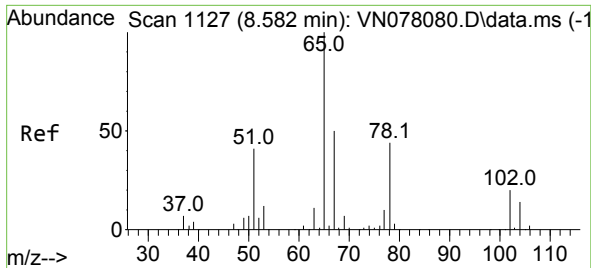
Tgt Ion: 42 Resp: 455
Ion Ratio Lower Upper
42 100
72 0.0 49.8 74.6#
71 19.3 47.4 71.2#



#31
Cyclohexane
Concen: 1.370 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.041 min
Lab File: VN078117.D
Acq: 08 Jun 2023 09:47

Tgt Ion: 56 Resp: 8162
Ion Ratio Lower Upper
56 100
69 156.1 26.8 40.2#
84 124.6 81.8 122.6#

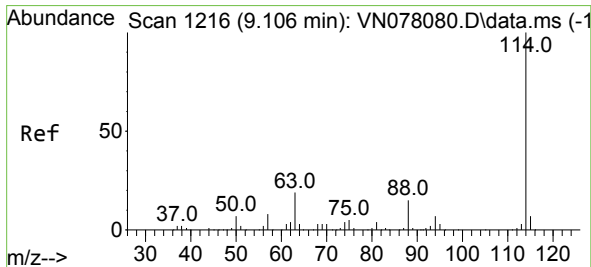
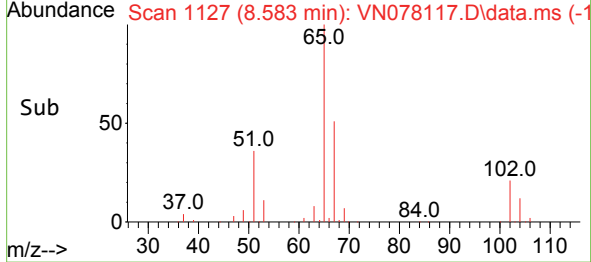
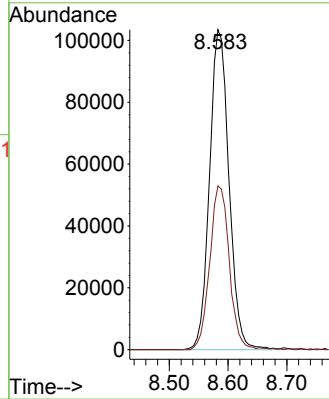
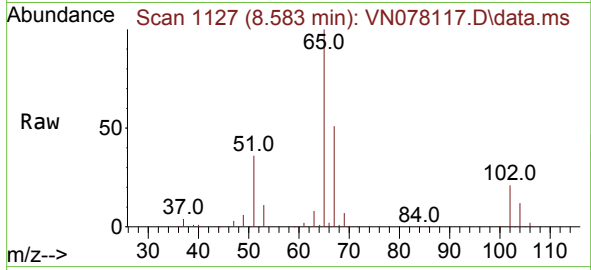




#33
 1,2-Dichloroethane-d4
 Concen: 51.146 ug/l
 RT: 8.583 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VN078117.D
 Acq: 08 Jun 2023 09:47

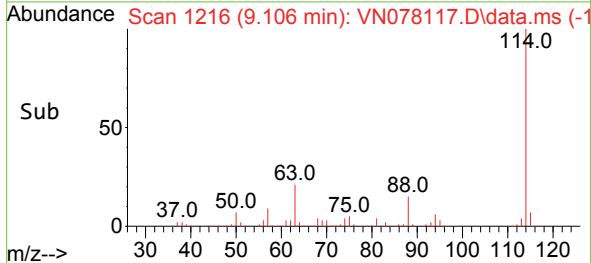
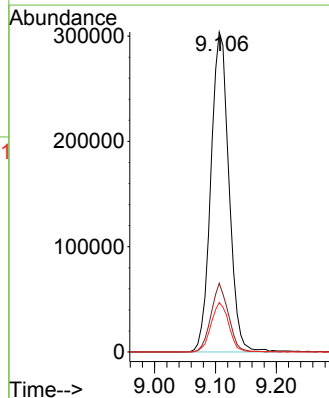
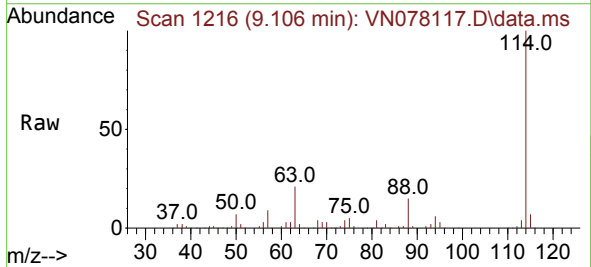
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608MBL01

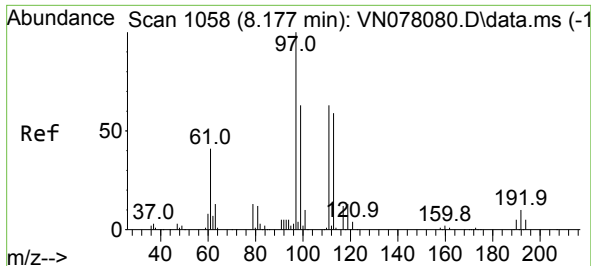
Tgt Ion: 65 Resp: 237590
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.000 min
 Lab File: VN078117.D
 Acq: 08 Jun 2023 09:47

Tgt Ion: 114 Resp: 626439
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 36.4
 88 15.4 0.0 30.6

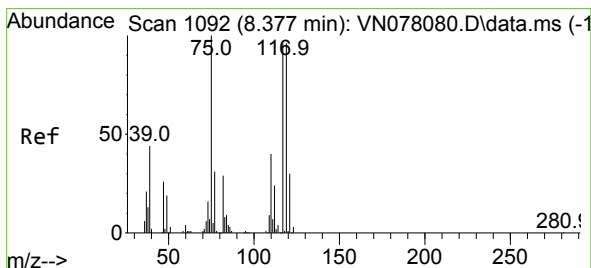
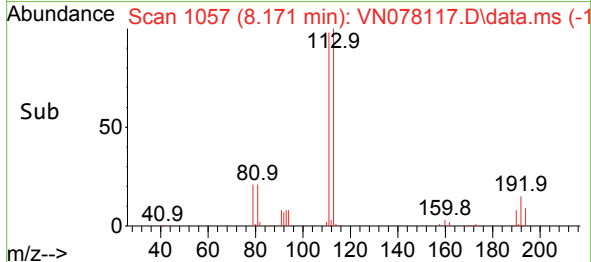
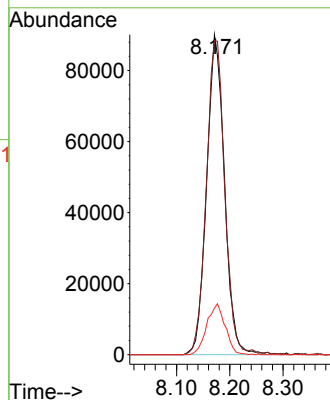
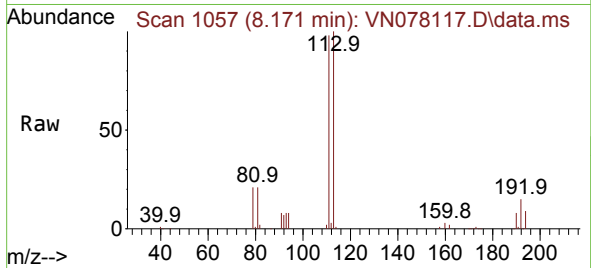




#35
Dibromofluoromethane
Concen: 53.012 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078117.D
Acq: 08 Jun 2023 09:47

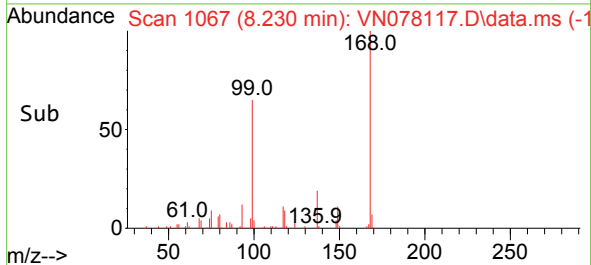
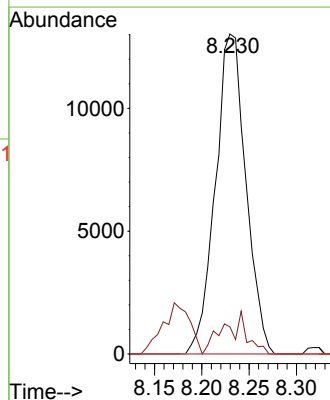
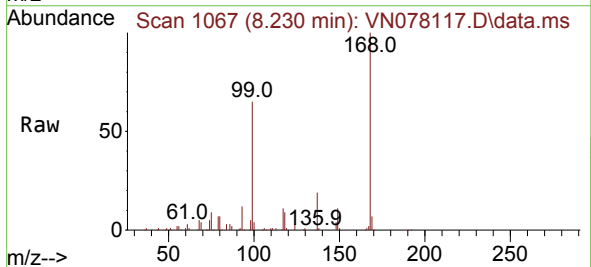
Instrument :
MSVOA_N
ClientSampleId :
VN0608MBL01

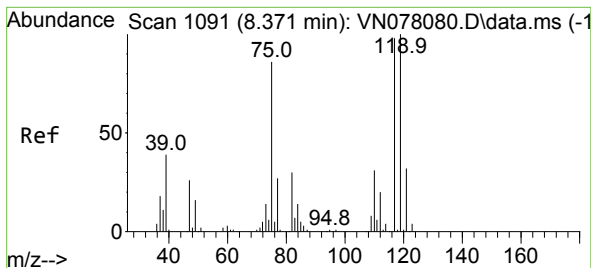
Tgt Ion:113 Resp: 209974
Ion Ratio Lower Upper
113 100
111 101.6 82.6 123.8
192 16.4 12.7 19.1



#36
1,1-Dichloropropene
Concen: 5.147 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN078117.D
Acq: 08 Jun 2023 09:47

Tgt Ion: 75 Resp: 29245
Ion Ratio Lower Upper
75 100
110 6.0 19.1 57.3#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 6.495 ug/l

RT: 8.236 min Scan# 1068

Delta R.T. -0.135 min

Lab File: VN078117.D

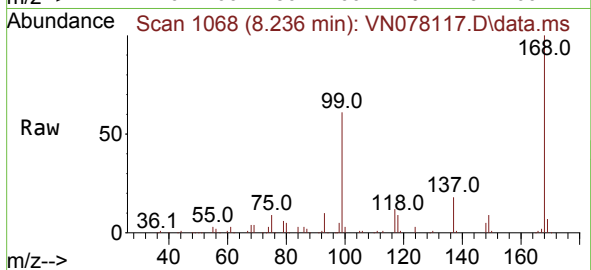
Acq: 08 Jun 2023 09:47

Instrument :

MSVOA_N

ClientSampleId :

VN0608MBL01



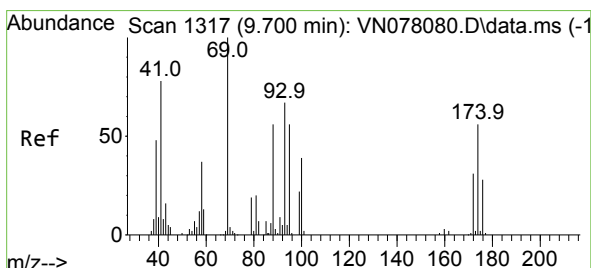
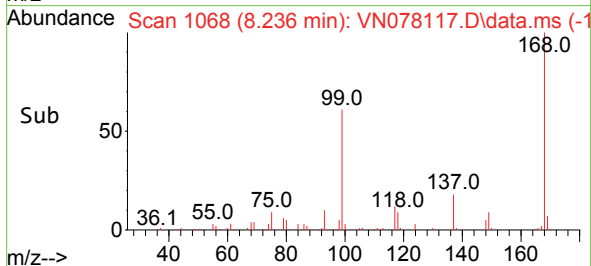
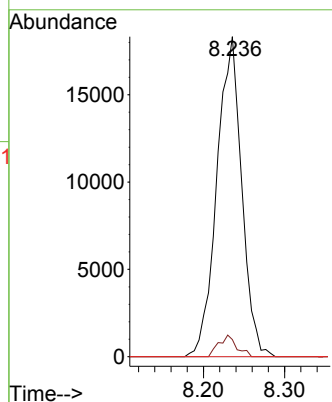
Tgt Ion:117 Resp: 38963

Ion Ratio Lower Upper

117 100

119 5.3 77.3 115.9#

121 0.0 23.3 34.9#



#49

1,4-Dioxane

Concen: 1.469 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN078117.D

Acq: 08 Jun 2023 09:47

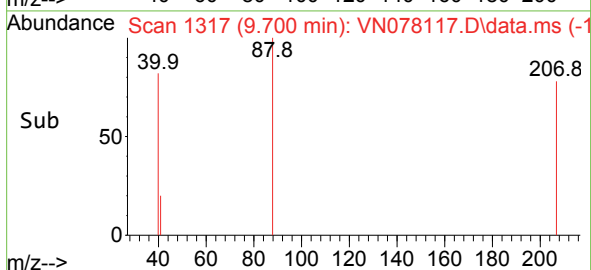
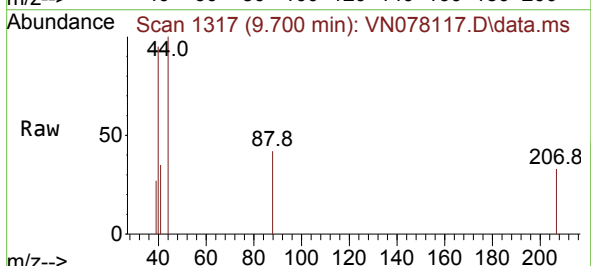
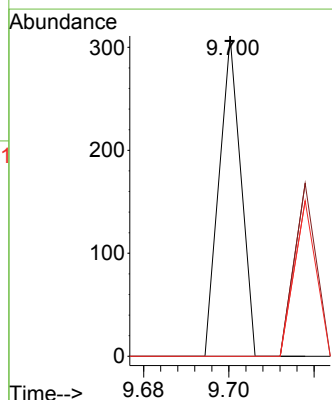
Tgt Ion: 88 Resp: 110

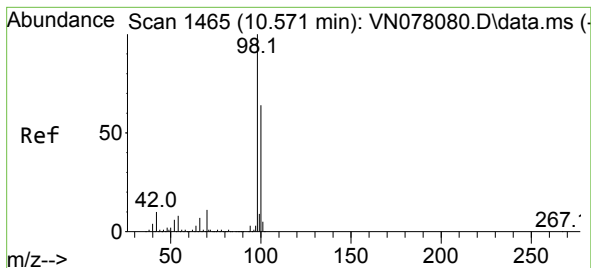
Ion Ratio Lower Upper

88 100

43 53.6 17.0 25.6#

58 48.2 47.0 70.4





#50

Toluene-d8

Concen: 50.688 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN078117.D

Acq: 08 Jun 2023 09:47

Instrument :

MSVOA_N

ClientSampleId :

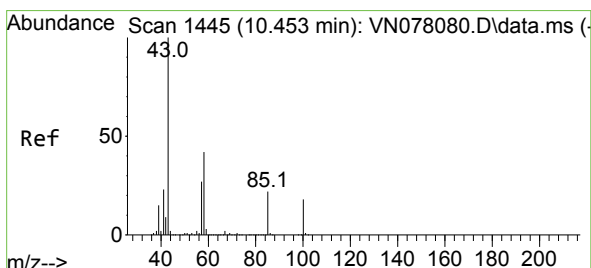
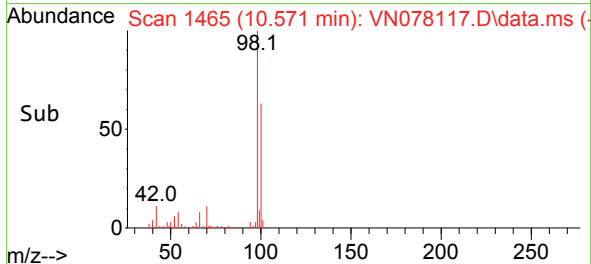
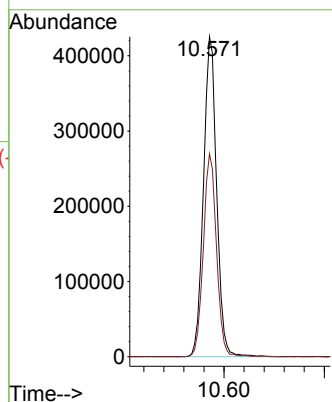
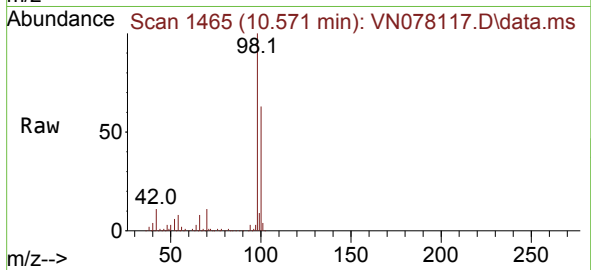
VN0608MBL01

Tgt Ion: 98 Resp: 773988

Ion Ratio Lower Upper

98 100

100 63.5 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 0.489 ug/l

RT: 10.441 min Scan# 1443

Delta R.T. -0.012 min

Lab File: VN078117.D

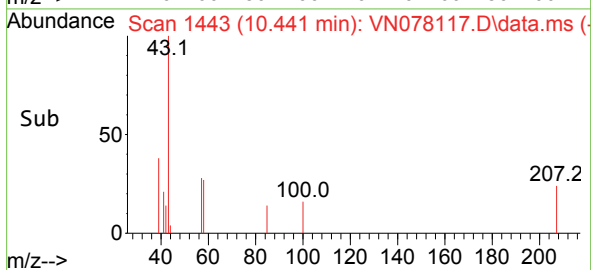
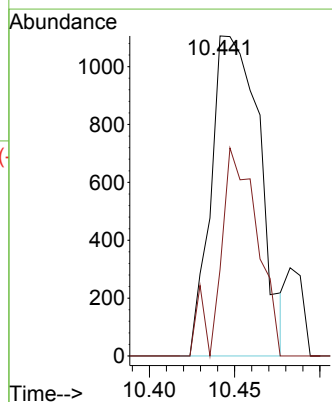
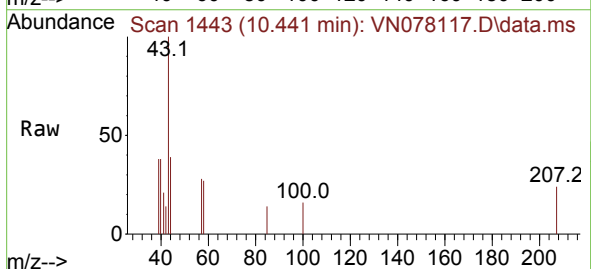
Acq: 08 Jun 2023 09:47

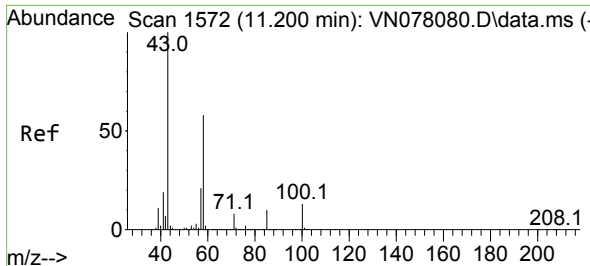
Tgt Ion: 43 Resp: 2187

Ion Ratio Lower Upper

43 100

58 49.8 36.6 54.8

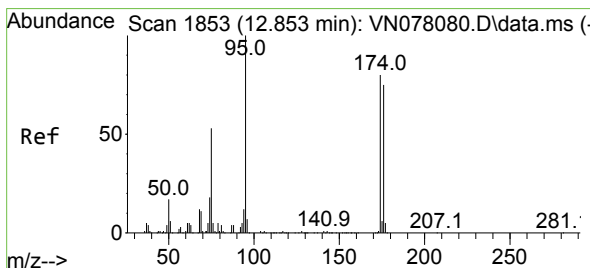
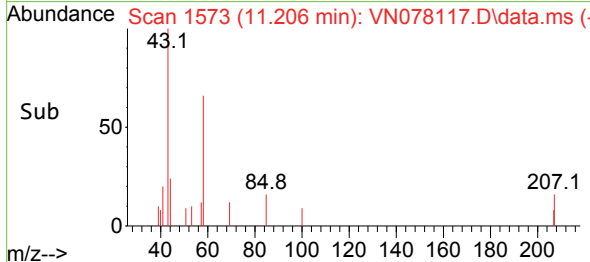
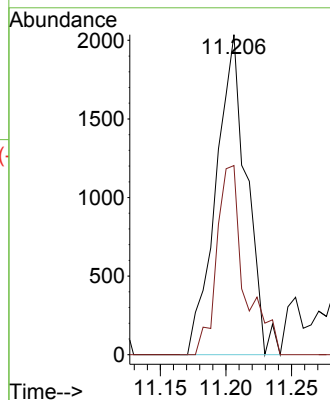
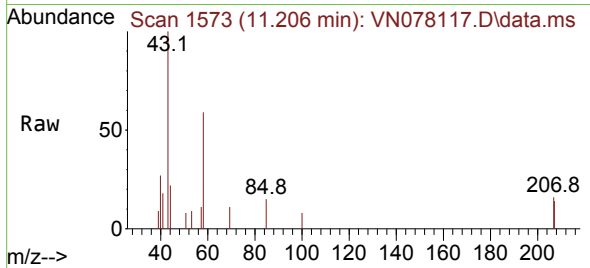




#59
2-Hexanone
Concen: 1.069 ug/l
RT: 11.206 min Scan# 1153
Delta R.T. 0.006 min
Lab File: VN078117.D
Acq: 08 Jun 2023 09:47

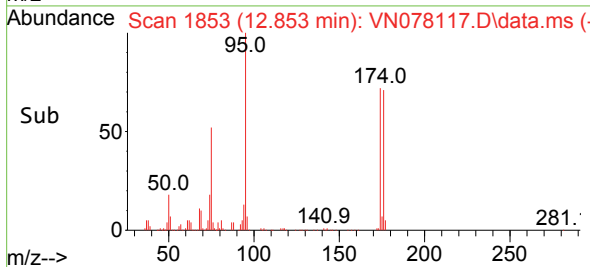
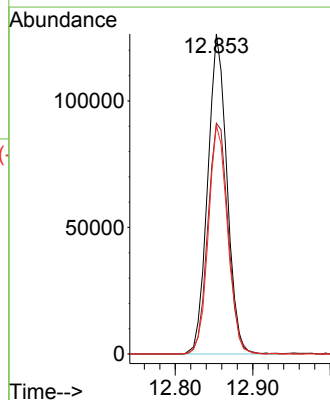
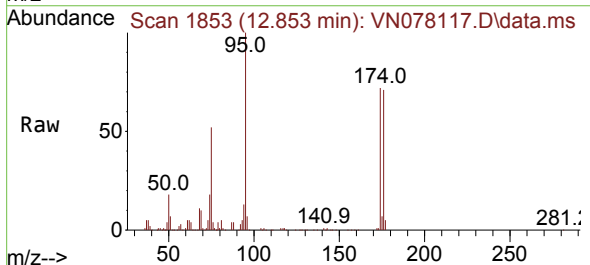
Instrument :
MSVOA_N
ClientSampleId :
VN0608MBL01

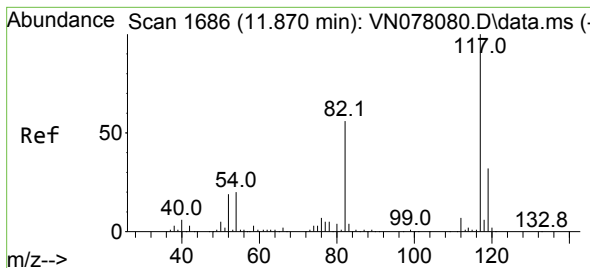
Tgt Ion: 43 Resp: 3326
Ion Ratio Lower Upper
43 100
58 53.5 31.7 95.1



#62
4-Bromofluorobenzene
Concen: 45.832 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078117.D
Acq: 08 Jun 2023 09:47

Tgt Ion: 95 Resp: 217564
Ion Ratio Lower Upper
95 100
174 76.0 0.0 143.8
176 71.4 0.0 135.8

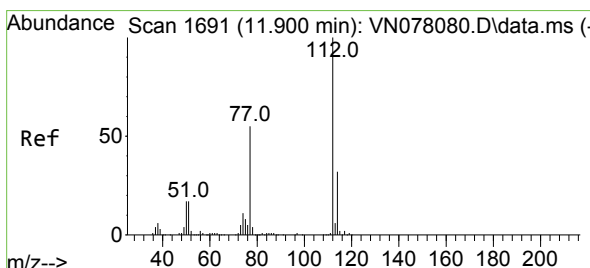
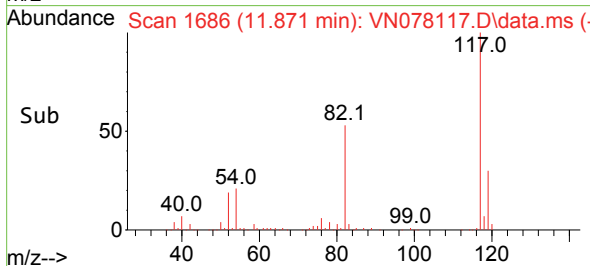
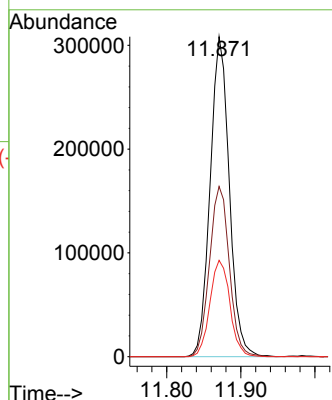
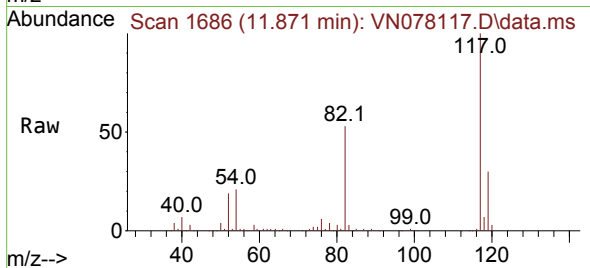




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078117.D
Acq: 08 Jun 2023 09:47

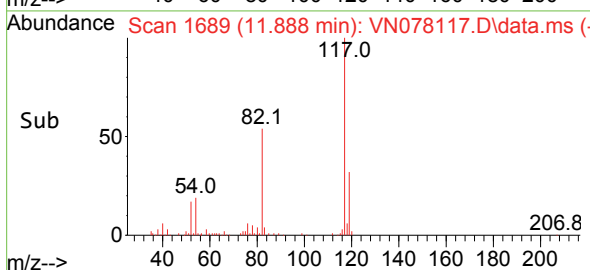
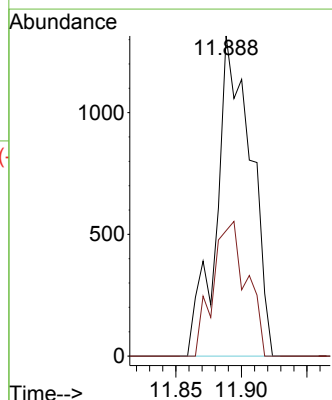
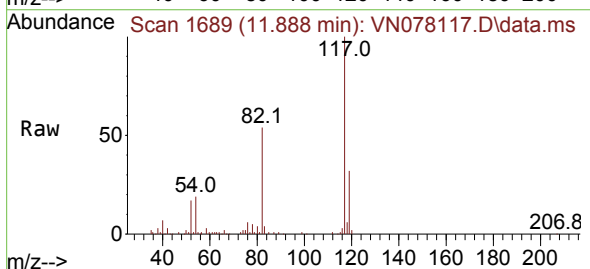
Instrument :
MSVOA_N
ClientSampleId :
VN0608MBL01

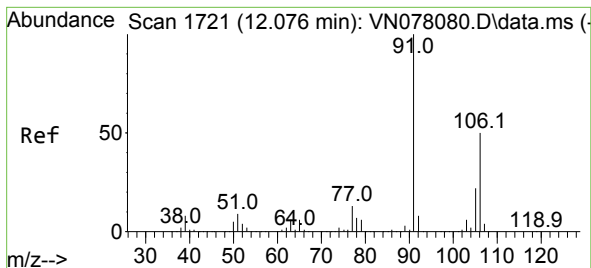
Tgt Ion:117 Resp: 552987
Ion Ratio Lower Upper
117 100
82 53.2 44.0 66.0
119 30.1 25.6 38.4



#65
Chlorobenzene
Concen: 0.203 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.012 min
Lab File: VN078117.D
Acq: 08 Jun 2023 09:47

Tgt Ion:112 Resp: 2406
Ion Ratio Lower Upper
112 100
114 39.2 25.0 37.4#

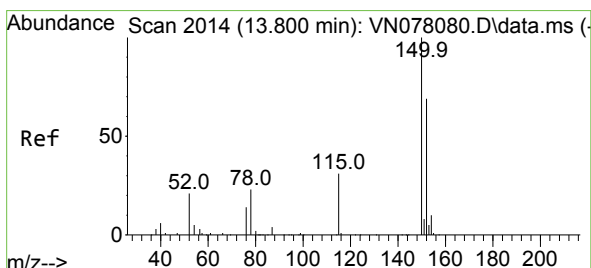
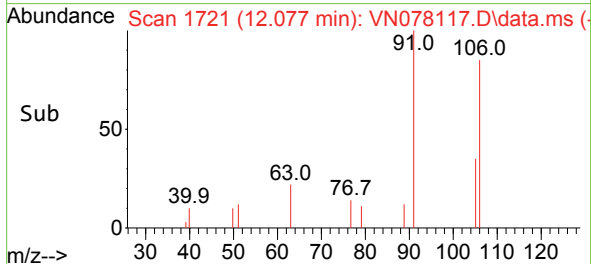
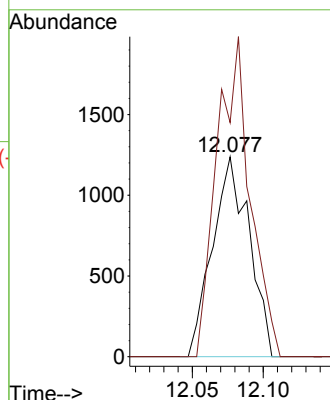
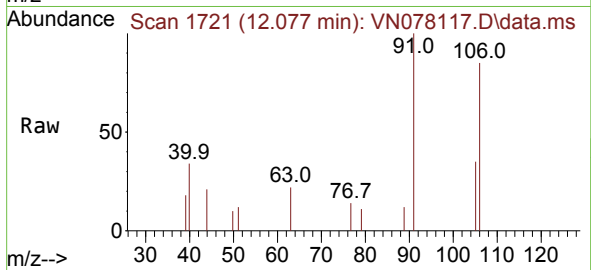




#68
m/p-Xylenes
Concen: 0.286 ug/l
RT: 12.077 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078117.D
Acq: 08 Jun 2023 09:47

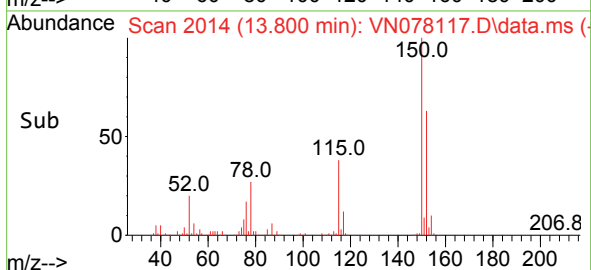
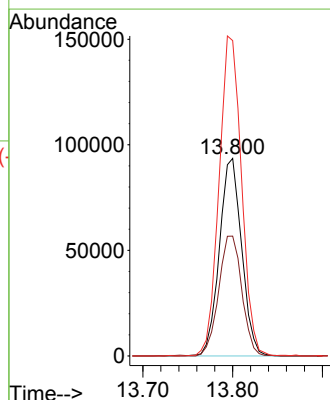
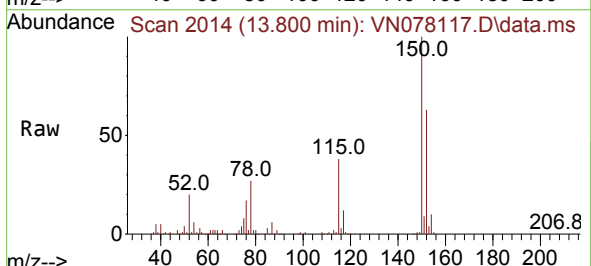
Instrument :
MSVOA_N
ClientSampleId :
VN0608MBL01

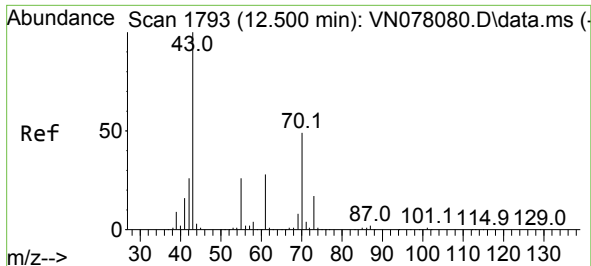
Tgt Ion:106 Resp: 2227
Ion Ratio Lower Upper
106 100
91 145.3 159.6 239.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.000 min
Lab File: VN078117.D
Acq: 08 Jun 2023 09:47

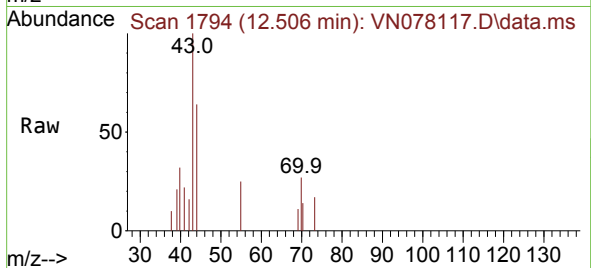
Tgt Ion:152 Resp: 161210
Ion Ratio Lower Upper
152 100
115 63.0 32.3 96.8
150 163.0 0.0 355.8



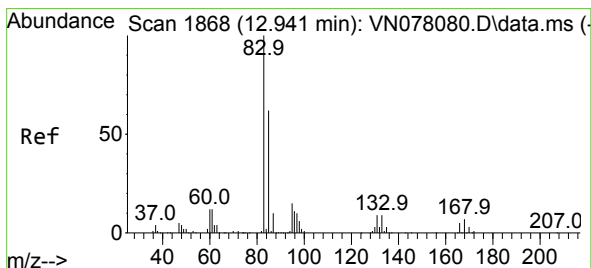
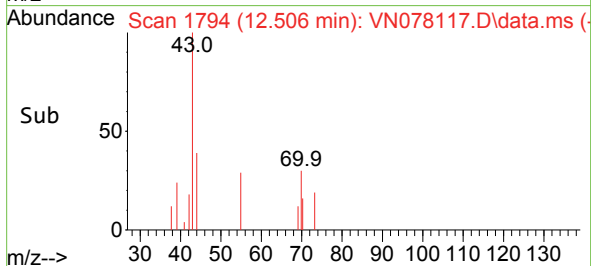
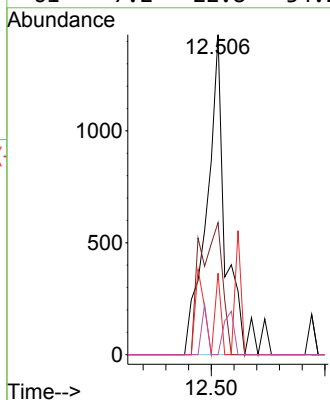


#74
N-amy1 acetate
Concen: 0.337 ug/l
RT: 12.506 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VN078117.D
Acq: 08 Jun 2023 09:47

Instrument :
MSVOA_N
ClientSampleId :
VN0608MBL01

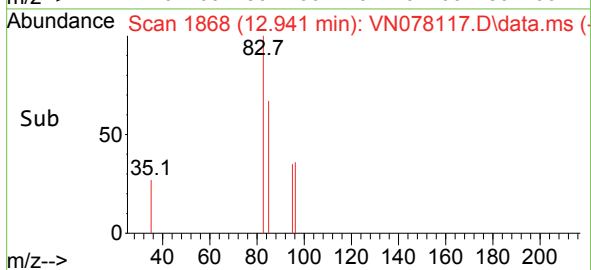
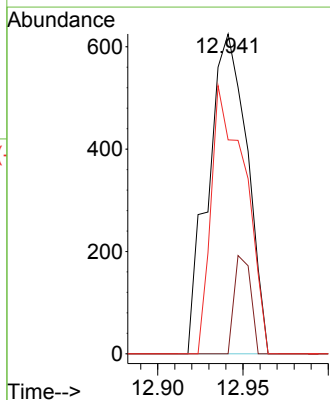
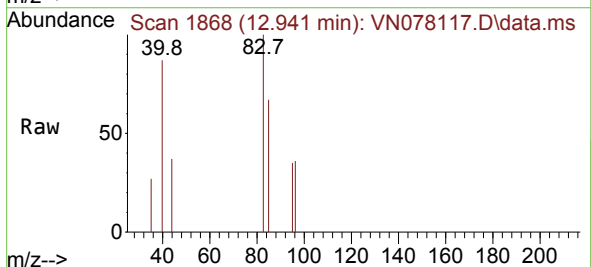


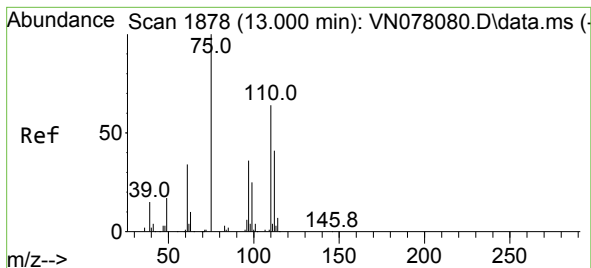
Tgt Ion:	43	Resp:	1690
Ion Ratio	100	Lower	Upper
43	100		
70	46.9	43.4	65.2
55	11.5	21.4	32.0#
61	7.2	22.8	34.2#



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078117.D
Acq: 08 Jun 2023 09:47

Tgt Ion:	83	Resp:	994
Ion Ratio	100	Lower	Upper
83	100		
131	12.9	5.0	15.0
85	72.9	31.9	95.7





#76

1,2,3-Trichloropropane

Concen: 30.174 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN078117.D

Acq: 08 Jun 2023 09:47

Instrument :

MSVOA_N

ClientSampleId :

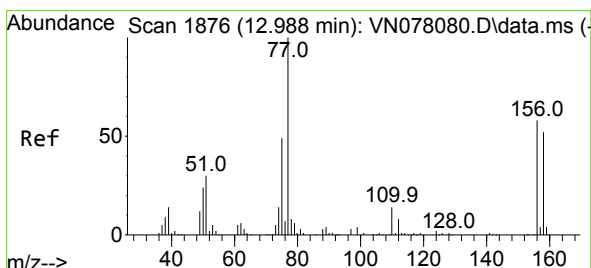
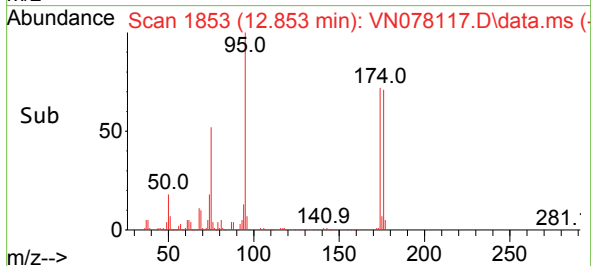
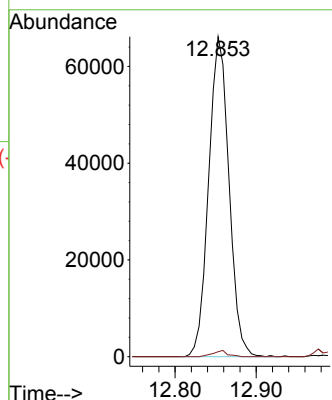
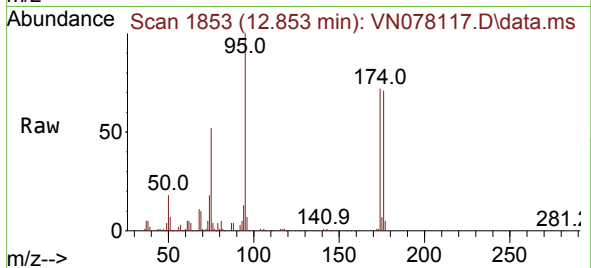
VN0608MBL01

Tgt Ion: 75 Resp: 114994

Ion Ratio Lower Upper

75 100

77 1.4 84.5 253.5#



#77

Bromobenzene

Concen: 0.314 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VN078117.D

Acq: 08 Jun 2023 09:47

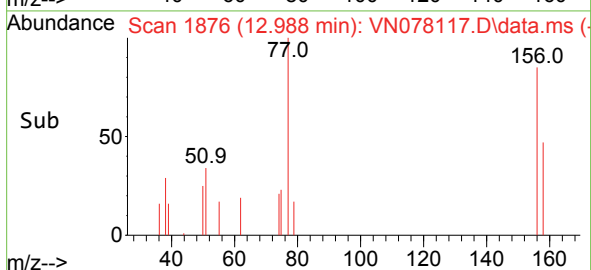
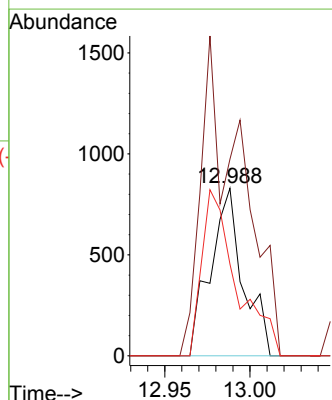
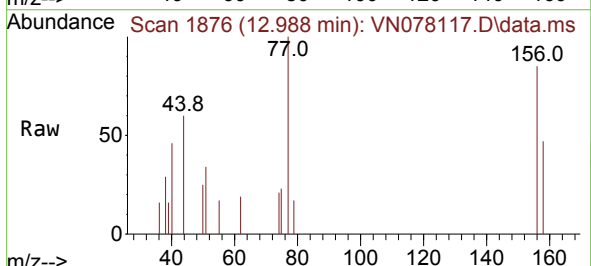
Tgt Ion: 156 Resp: 1110

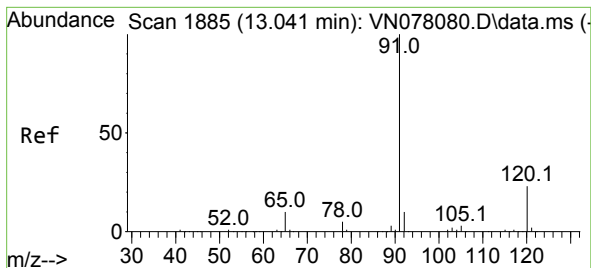
Ion Ratio Lower Upper

156 100

77 230.6 107.7 323.3

158 104.8 48.4 145.3





#78

n-propylbenzene

Concen: 0.231 ug/l

RT: 13.047 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VN078117.D

Acq: 08 Jun 2023 09:47

Instrument :

MSVOA_N

ClientSampleId :

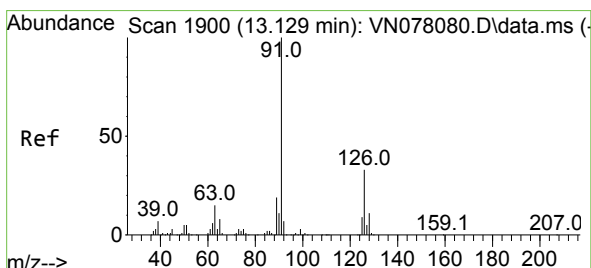
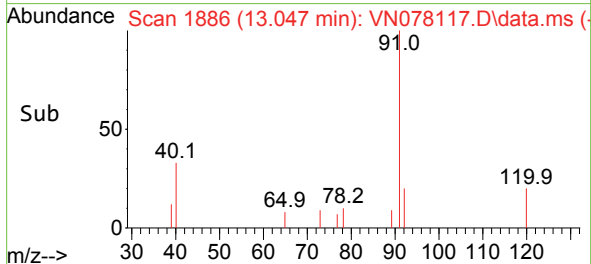
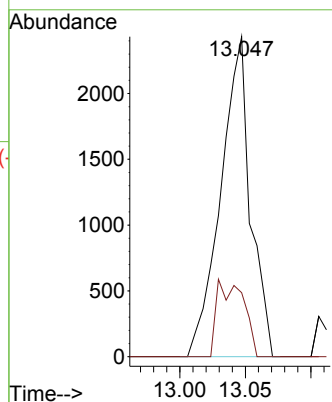
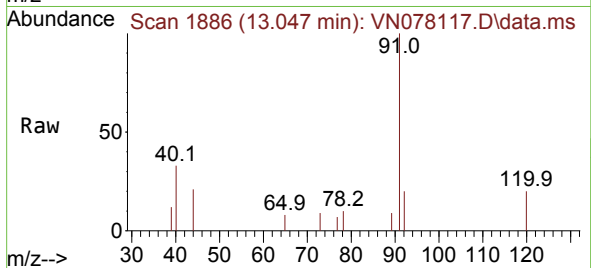
VN0608MBL01

Tgt Ion: 91 Resp: 3827

Ion Ratio Lower Upper

91 100

120 21.6 11.5 34.4



#79

2-Chlorotoluene

Concen: 0.221 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN078117.D

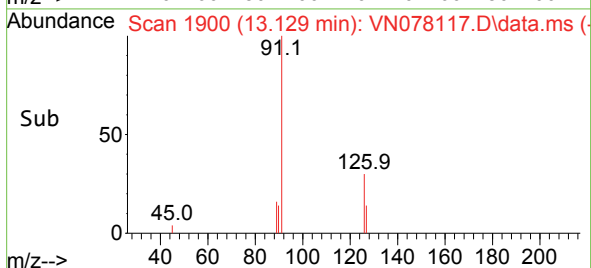
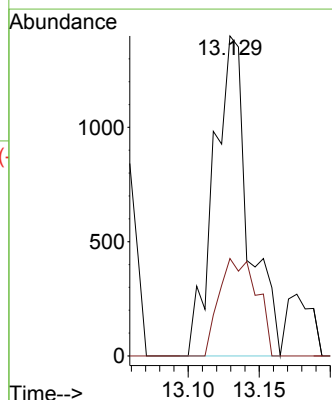
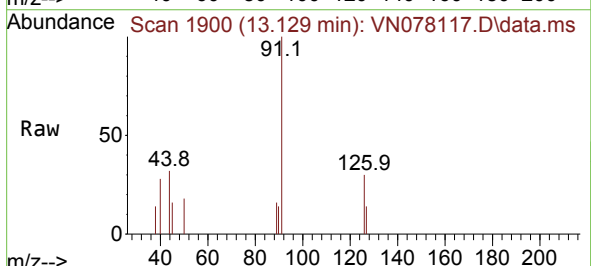
Acq: 08 Jun 2023 09:47

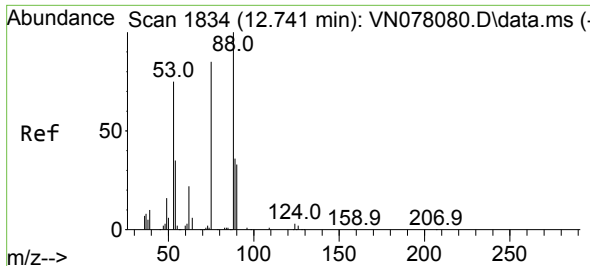
Tgt Ion: 91 Resp: 2366

Ion Ratio Lower Upper

91 100

126 33.3 16.3 48.8

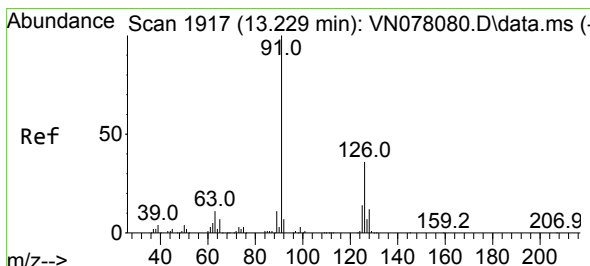
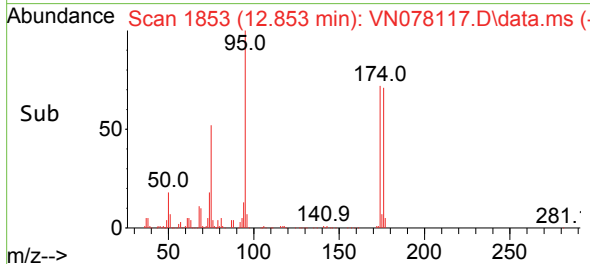
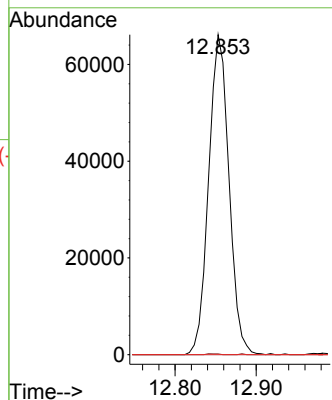
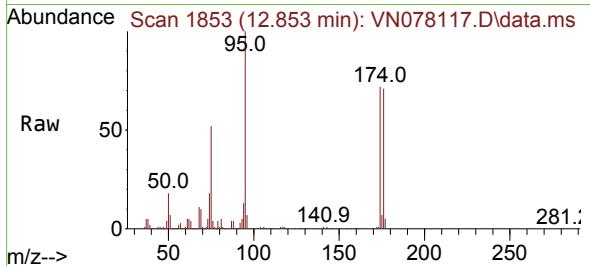




#81
trans-1,4-Dichloro-2-butene
Concen: 92.703 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN078117.D
Acq: 08 Jun 2023 09:47

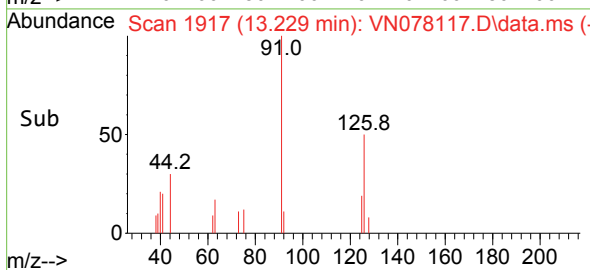
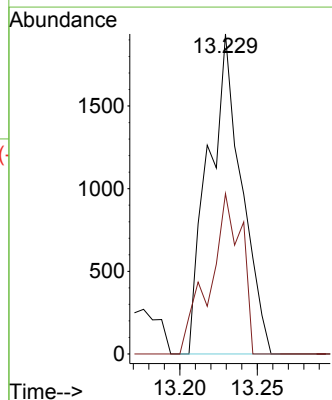
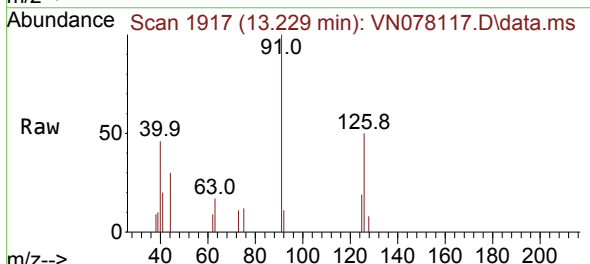
Instrument :
MSVOA_N
ClientSampleId :
VN0608MBL01

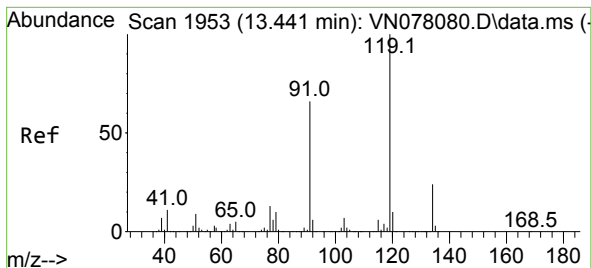
Tgt Ion: 75 Resp: 114994
Ion Ratio Lower Upper
75 100
53 0.2 67.4 101.2#
89 0.0 38.8 58.2#



#82
4-Chlorotoluene
Concen: 0.288 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078117.D
Acq: 08 Jun 2023 09:47

Tgt Ion: 91 Resp: 2877
Ion Ratio Lower Upper
91 100
126 48.1 16.7 50.0

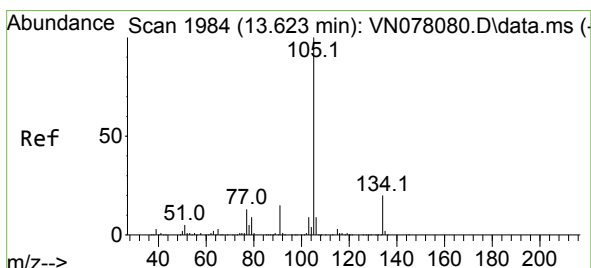
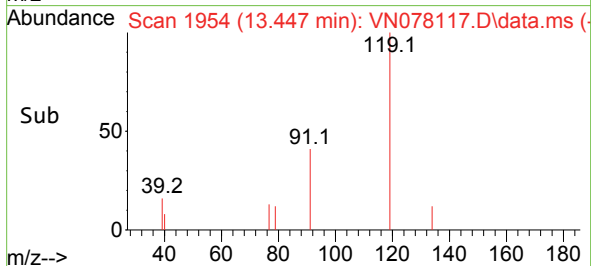
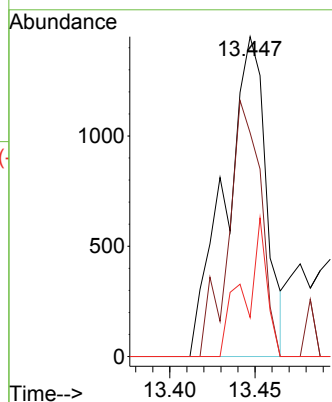
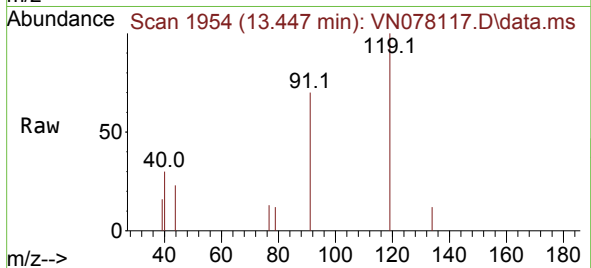




#83
tert-Butylbenzene
Concen: 0.226 ug/l
RT: 13.447 min Scan# 1953
Delta R.T. 0.006 min
Lab File: VN078117.D
Acq: 08 Jun 2023 09:47

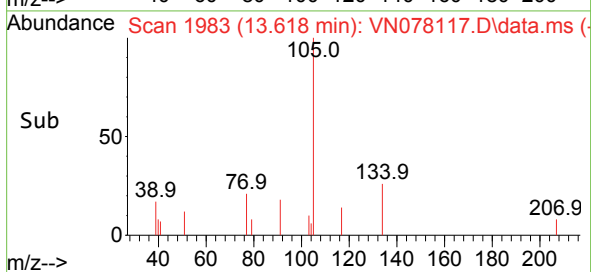
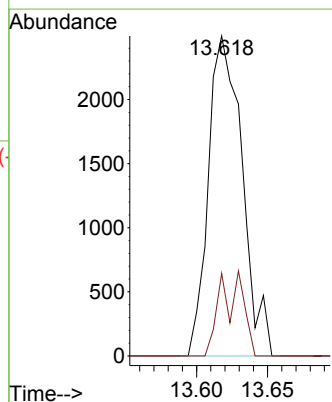
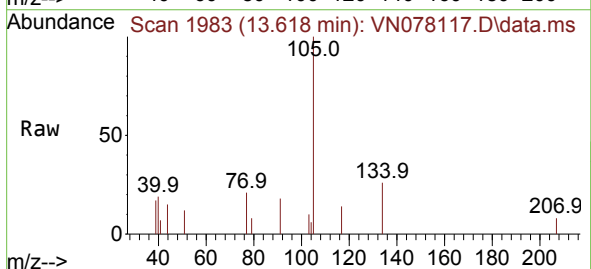
Instrument :
MSVOA_N
ClientSampleId :
VN0608MBL01

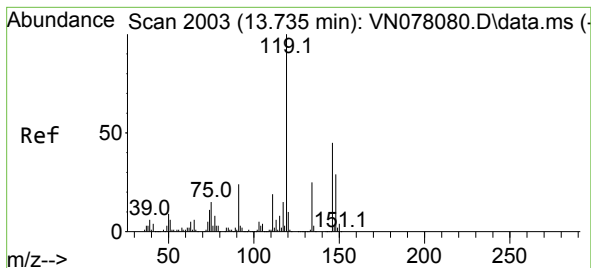
Tgt Ion:119 Resp: 2422
Ion Ratio Lower Upper
119 100
91 63.4 33.9 101.7
134 23.8 13.2 39.6



#85
sec-Butylbenzene
Concen: 0.294 ug/l
RT: 13.618 min Scan# 1983
Delta R.T. -0.006 min
Lab File: VN078117.D
Acq: 08 Jun 2023 09:47

Tgt Ion:105 Resp: 4126
Ion Ratio Lower Upper
105 100
134 17.8 9.8 29.3

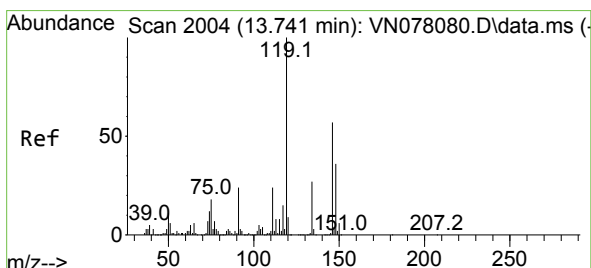
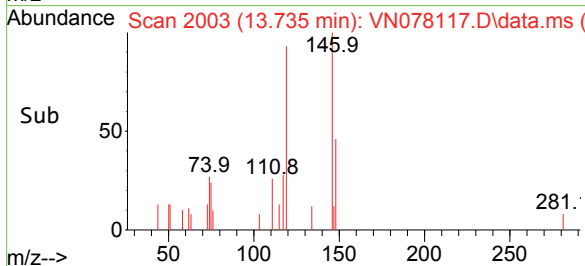
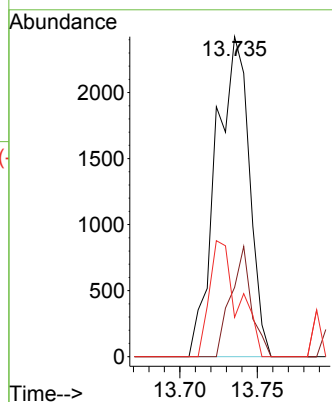
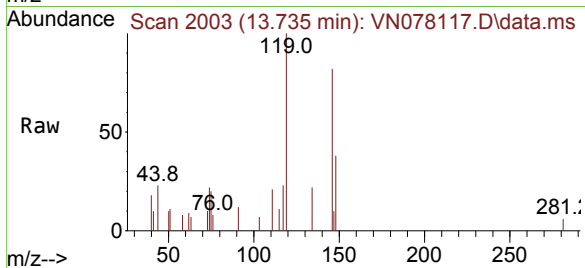




#86
p-Isopropyltoluene
Concen: 0.318 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN078117.D
Acq: 08 Jun 2023 09:47

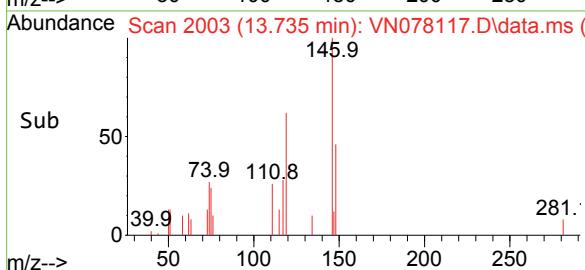
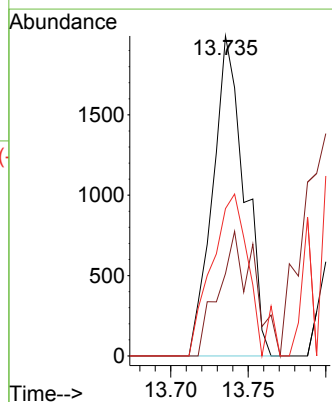
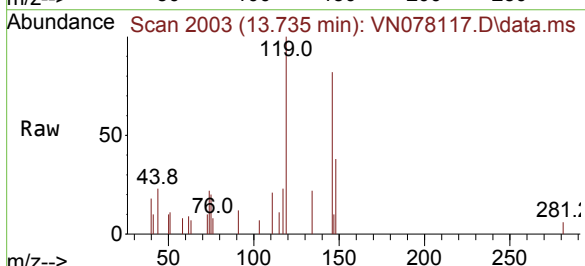
Instrument :
MSVOA_N
ClientSampleId :
VN0608MBL01

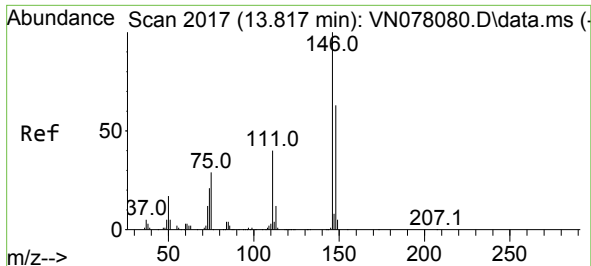
Tgt Ion:119 Resp: 3622
Ion Ratio Lower Upper
119 100
134 21.2 12.6 37.8
91 31.1 12.4 37.2



#87
1,3-Dichlorobenzene
Concen: 0.474 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN078117.D
Acq: 08 Jun 2023 09:47

Tgt Ion:146 Resp: 2838
Ion Ratio Lower Upper
146 100
111 43.4 22.1 66.3
148 60.2 32.0 96.0

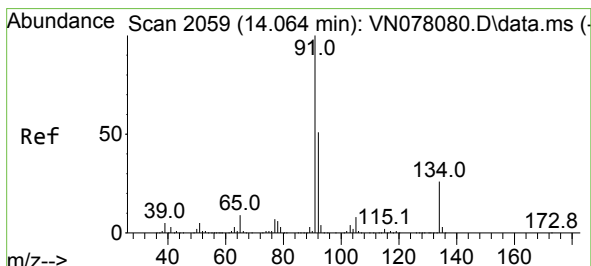
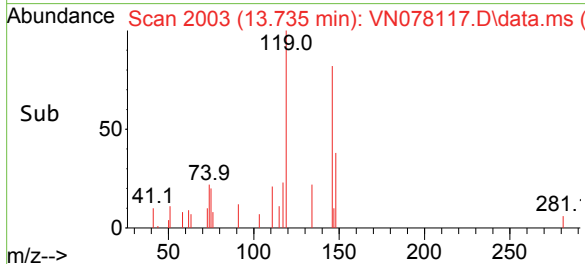
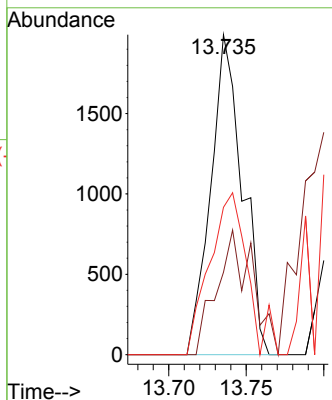
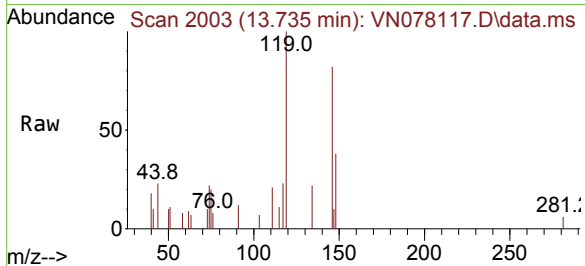




#88
 1,4-Dichlorobenzene
 Concen: 0.491 ug/l
 RT: 13.735 min Scan# 2017
 Delta R.T. -0.082 min
 Lab File: VN078117.D
 Acq: 08 Jun 2023 09:47

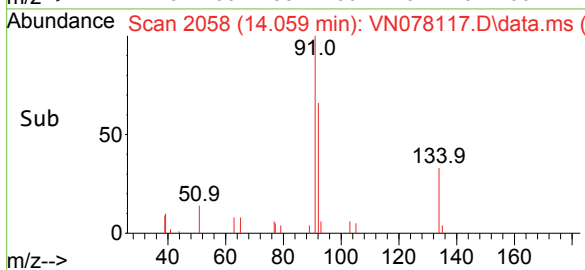
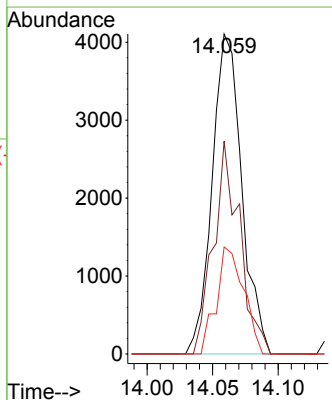
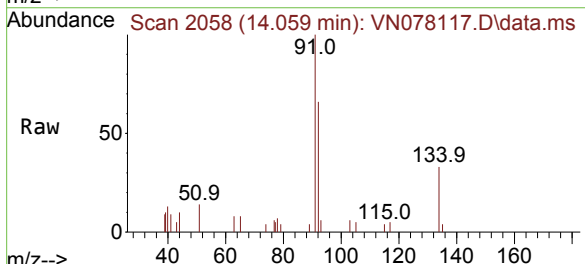
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608MBL01

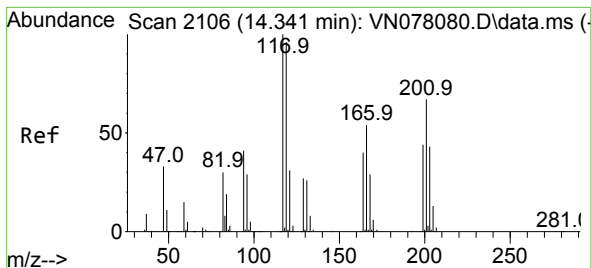
Tgt Ion:146 Resp: 2838
 Ion Ratio Lower Upper
 146 100
 111 43.4 20.6 61.8
 148 60.2 31.6 94.8



#89
 n-Butylbenzene
 Concen: 0.717 ug/l
 RT: 14.059 min Scan# 2058
 Delta R.T. -0.006 min
 Lab File: VN078117.D
 Acq: 08 Jun 2023 09:47

Tgt Ion: 91 Resp: 6446
 Ion Ratio Lower Upper
 91 100
 92 59.2 26.4 79.0
 134 30.9 12.6 37.6





#90

Hexachloroethane

Concen: 0.250 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.006 min

Lab File: VN078117.D

Acq: 08 Jun 2023 09:47

Instrument :

MSVOA_N

ClientSampleId :

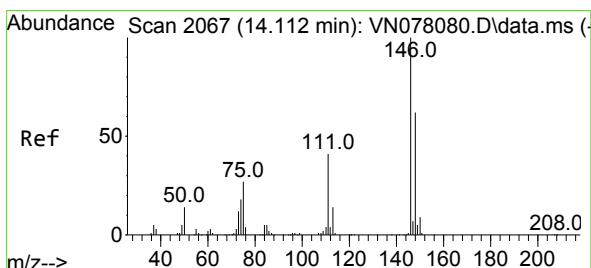
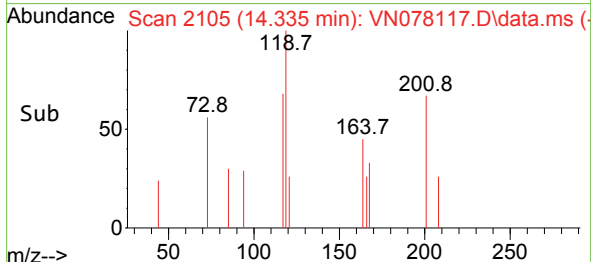
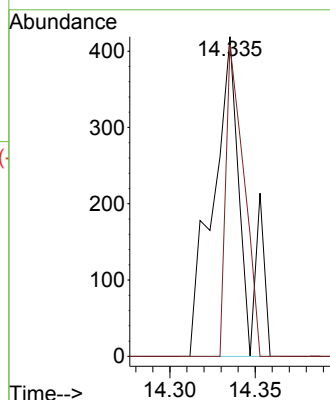
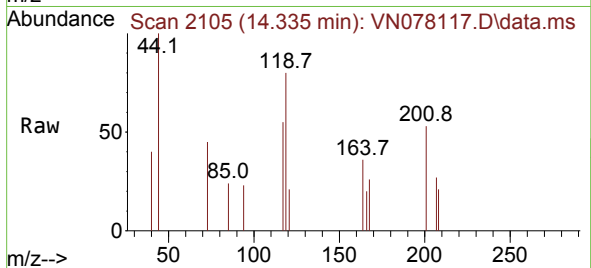
VN0608MBL01

Tgt Ion:117 Resp: 506

Ion Ratio Lower Upper

117 100

201 59.5 29.3 88.0



#91

1,2-Dichlorobenzene

Concen: 0.411 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.006 min

Lab File: VN078117.D

Acq: 08 Jun 2023 09:47

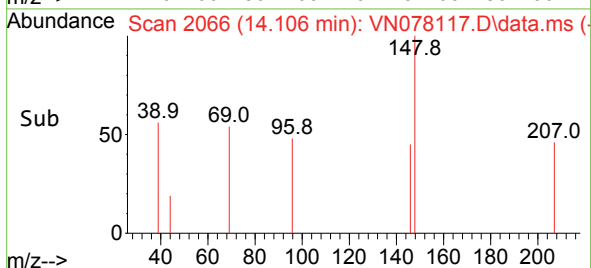
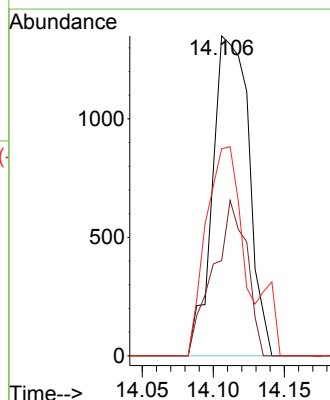
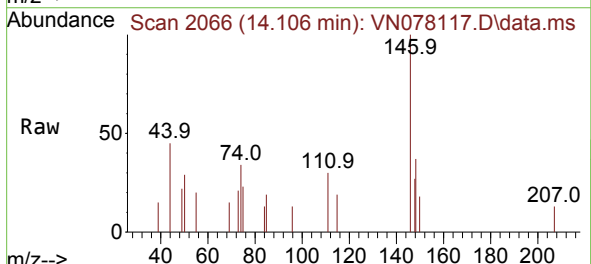
Tgt Ion:146 Resp: 2402

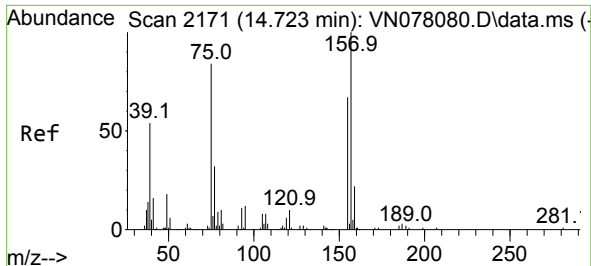
Ion Ratio Lower Upper

146 100

111 44.8 22.0 66.0

148 73.5 31.8 95.3





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.739 ug/l

RT: 14.718 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VN078117.D

Acq: 08 Jun 2023 09:47

Instrument :

MSVOA_N

ClientSampleId :

VN0608MBL01

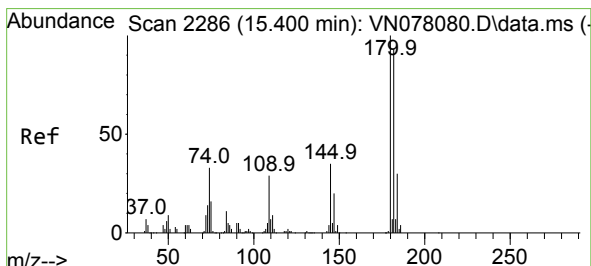
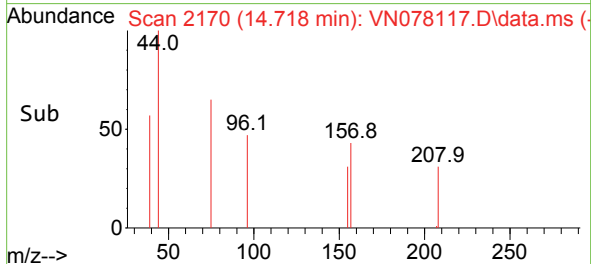
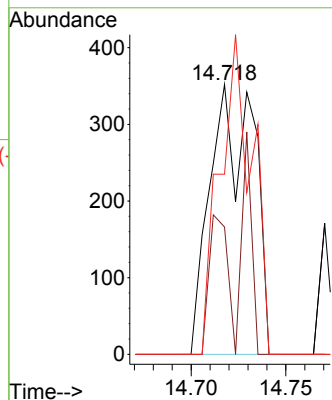
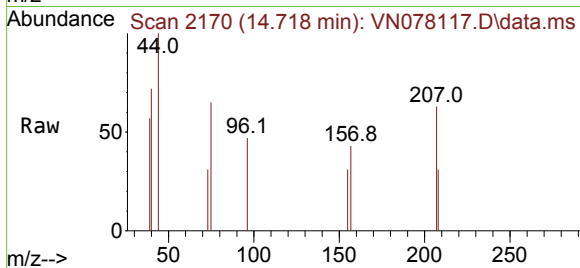
Tgt Ion: 75 Resp: 558

Ion Ratio Lower Upper

75 100

155 22.0 39.1 117.2#

157 88.4 50.3 150.9



#93

1,2,4-Trichlorobenzene

Concen: 1.307 ug/l

RT: 15.400 min Scan# 2286

Delta R.T. 0.000 min

Lab File: VN078117.D

Acq: 08 Jun 2023 09:47

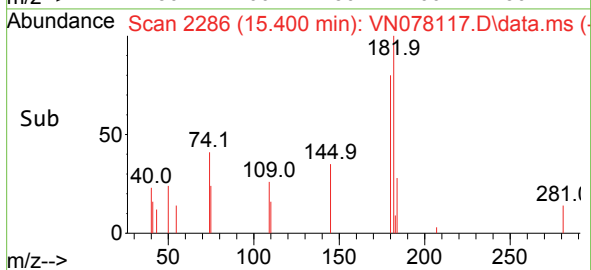
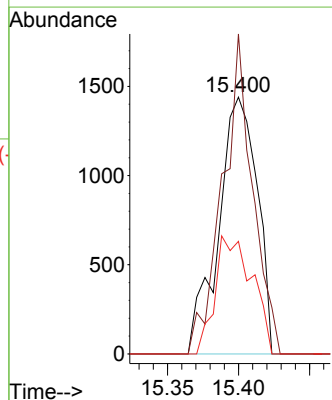
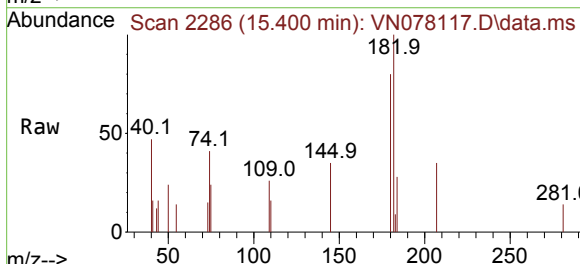
Tgt Ion: 180 Resp: 2725

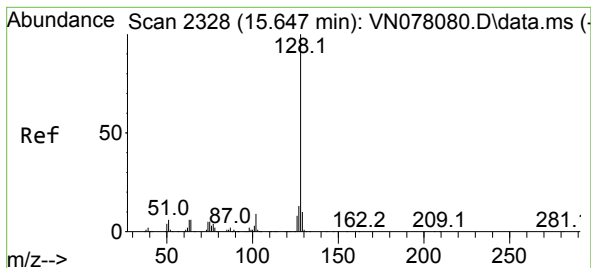
Ion Ratio Lower Upper

180 100

182 97.3 46.1 138.2

145 43.9 16.6 49.8





#95

Naphthalene

Concen: 1.528 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN078117.D

Acq: 08 Jun 2023 09:47

Instrument :

MSVOA_N

ClientSampleId :

VN0608MBL01

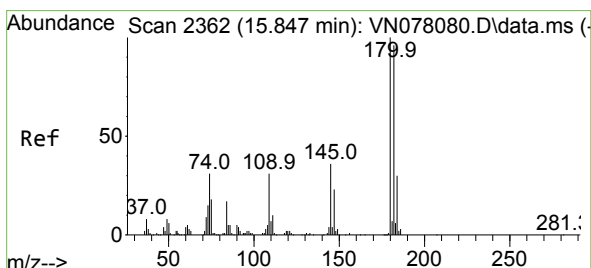
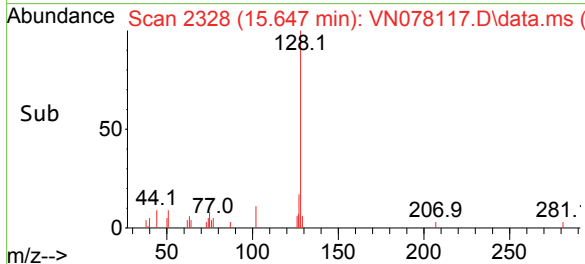
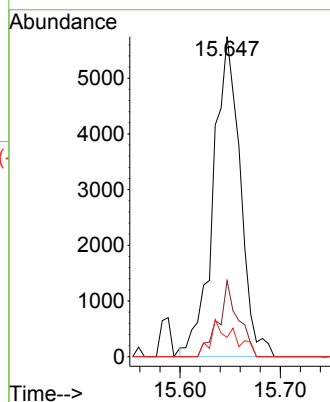
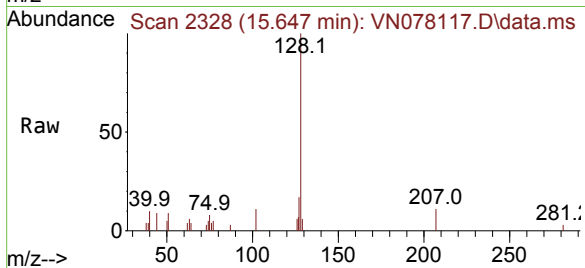
Tgt Ion:128 Resp: 10711

Ion Ratio Lower Upper

128 100

127 17.7 10.0 15.0#

129 10.1 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 1.636 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.006 min

Lab File: VN078117.D

Acq: 08 Jun 2023 09:47

Tgt Ion:180 Resp: 3814

Ion Ratio Lower Upper

180 100

182 103.9 46.2 138.6

145 31.5 17.5 52.6

