

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061623\
 Data File : VN078249.D
 Acq On : 16 Jun 2023 10:30
 Operator : JC\MD
 Sample : VN0616MBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0616MBL01

Quant Time: Jun 17 02:18:54 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	454593	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	825919	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	731797	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	218993	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	319903	52.780	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.560%			
35) Dibromofluoromethane	8.177	113	291619	55.842	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.680%			
50) Toluene-d8	10.571	98	961184	47.744	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.480%			
62) 4-Bromofluorobenzene	12.853	95	300682	48.043	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.080%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.377	50	1273	Below Cal		89
5) Bromomethane	2.971	94	2669	0.525 ug/l #		44
10) Methyl Iodide	4.606	142	2683	0.394 ug/l #		55
11) Tert butyl alcohol	5.547	59	184	0.220 ug/l #		72
13) Acrolein	4.200	56	950	1.030 ug/l #		76
15) Acrylonitrile	5.724	53	576	0.267 ug/l #		34
16) Acetone	4.465	43	1971	1.130 ug/l		97
17) Carbon Disulfide	4.730	76	4973	0.389 ug/l		99
18) Methyl Acetate	5.047	43	1683	0.210 ug/l #		49
29) Tetrahydrofuran	7.853	42	564	0.314 ug/l #		50
31) Cyclohexane	8.236	56	10389	1.336 ug/l #		36
36) 1,1-Dichloropropene	8.236	75	40500	5.407 ug/l #		50
38) Carbon Tetrachloride	8.236	117	49360	6.241 ug/l #		16
49) 1,4-Dioxane	9.706	88	145	1.469 ug/l #		2
51) 4-Methyl-2-Pentanone	10.453	43	2648	0.449 ug/l #		77
59) 2-Hexanone	11.206	43	3723	0.907 ug/l		84
74) N-amyl acetate	12.500	43	1973	0.289 ug/l #		83
75) 1,1,2,2-Tetrachloroethane	12.941	83	1248	Below Cal		94
76) 1,2,3-Trichloropropane	12.853	75	160265	30.957 ug/l #		1
77) Bromobenzene	12.982	156	1284	0.267 ug/l		88
81) trans-1,4-Dichloro-2-b...	12.853	75	160265	95.109 ug/l #		15
82) 4-Chlorotoluene	13.229	91	3650	0.269 ug/l		95
85) sec-Butylbenzene	13.618	105	4565	0.239 ug/l		96
86) p-Isopropyltoluene	13.741	119	3550	0.229 ug/l #		84
87) 1,3-Dichlorobenzene	13.735	146	2515	0.309 ug/l		94
88) 1,4-Dichlorobenzene	13.735	146	2515	0.321 ug/l		92
89) n-Butylbenzene	14.059	91	7111	0.582 ug/l		95
91) 1,2-Dichlorobenzene	14.106	146	2928	0.368 ug/l		94
92) 1,2-Dibromo-3-Chloropr...	14.729	75	628	0.612 ug/l #		55
93) 1,2,4-Trichlorobenzene	15.400	180	2903	1.025 ug/l #		83
94) Hexachlorobutadiene	15.500	225	2991	Below Cal		98
95) Naphthalene	15.647	128	10365	1.088 ug/l #		96
96) 1,2,3-Trichlorobenzene	15.847	180	3731	1.178 ug/l		92

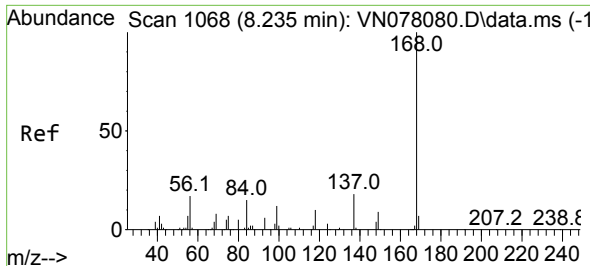
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :

MSVOA_N

ClientSampleId :

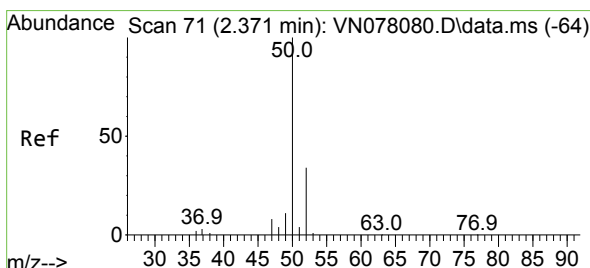
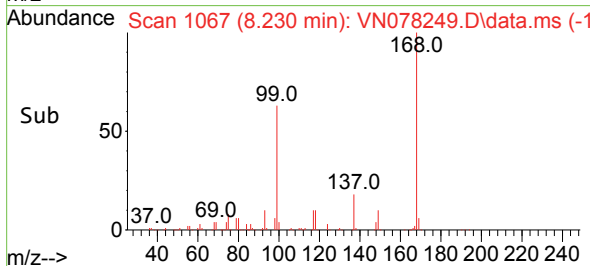
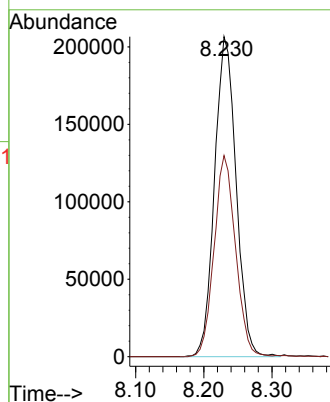
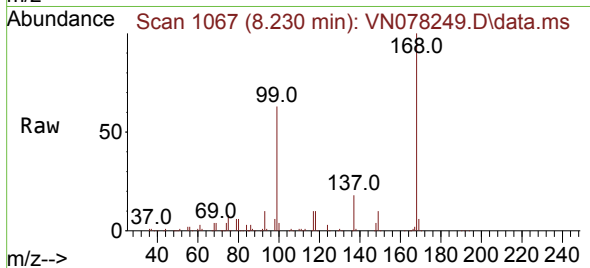
VN0616MBL01



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.005 min
Lab File: VN078249.D
Acq: 16 Jun 2023 10:30

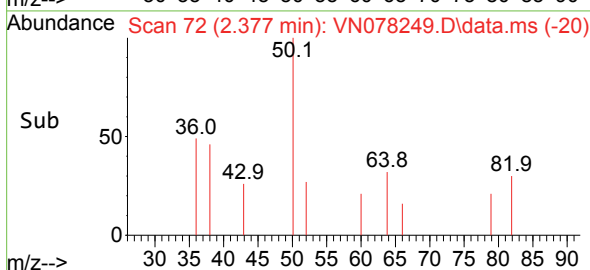
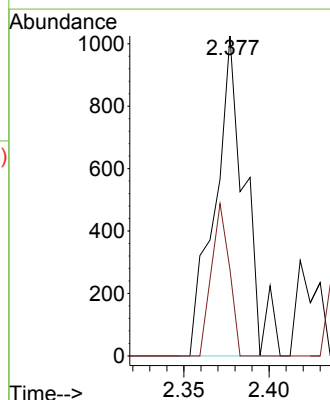
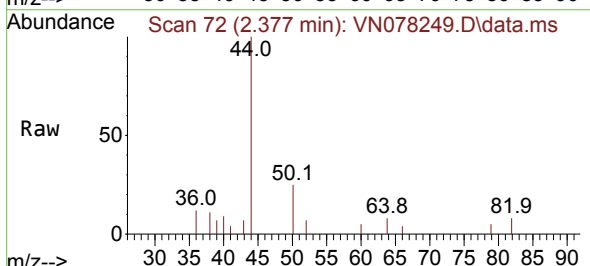
Instrument :
MSVOA_N
ClientSampleId :
VN0616MBL01

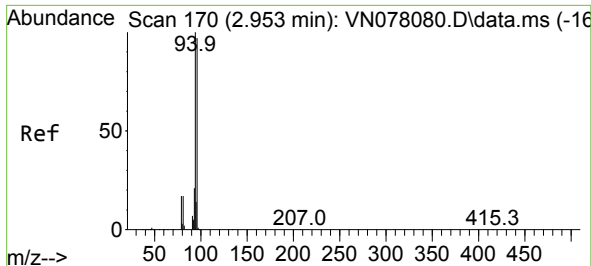
Tgt Ion:168 Resp: 454593
Ion Ratio Lower Upper
168 100
99 62.9 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.377 min Scan# 72
Delta R.T. 0.006 min
Lab File: VN078249.D
Acq: 16 Jun 2023 10:30

Tgt Ion: 50 Resp: 1273
Ion Ratio Lower Upper
50 100
52 27.0 26.5 39.7

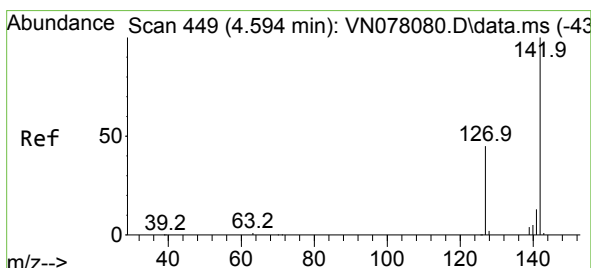
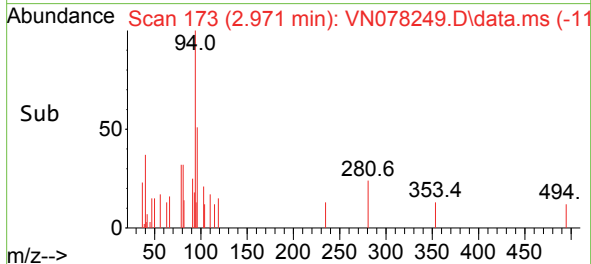
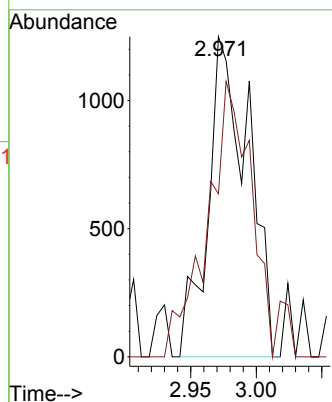
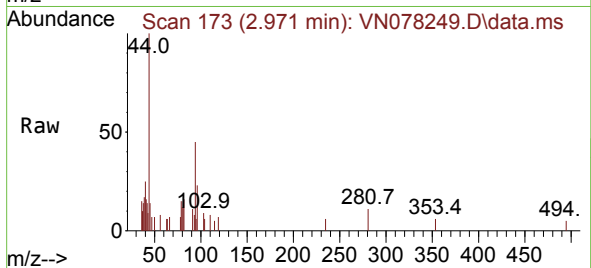




#5
Bromomethane
Concen: 0.525 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN078249.D
Acq: 16 Jun 2023 10:30

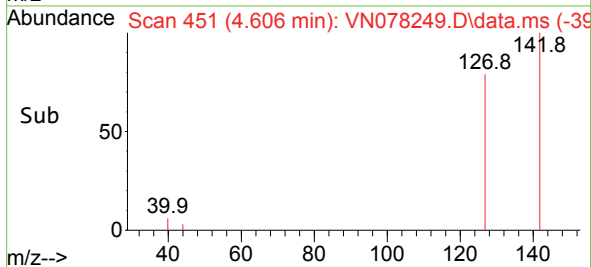
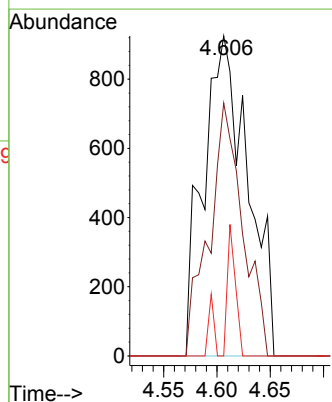
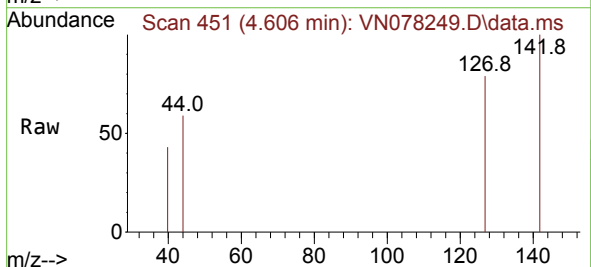
Instrument :
MSVOA_N
ClientSampleId :
VN0616MBL01

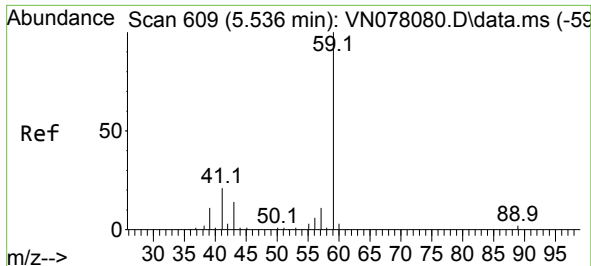
Tgt Ion: 94 Resp: 2669
Ion Ratio Lower Upper
94 100
96 38.5 73.1 109.7#



#10
Methyl Iodide
Concen: 0.394 ug/l
RT: 4.606 min Scan# 451
Delta R.T. 0.012 min
Lab File: VN078249.D
Acq: 16 Jun 2023 10:30

Tgt Ion: 142 Resp: 2683
Ion Ratio Lower Upper
142 100
127 79.0 37.6 56.4#
141 0.0 11.4 17.0#





#11

Tert butyl alcohol

Concen: 0.220 ug/l

RT: 5.547 min Scan# 611

Delta R.T. 0.012 min

Lab File: VN078249.D

Acq: 16 Jun 2023 10:30

Instrument :

MSVOA_N

ClientSampleId :

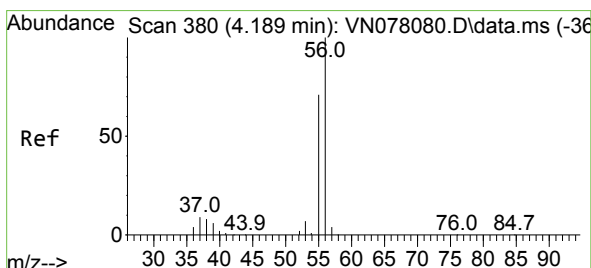
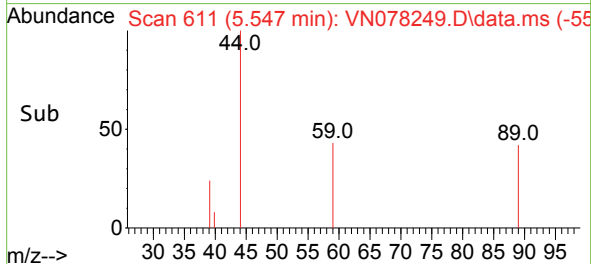
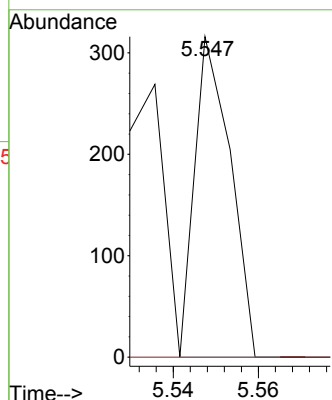
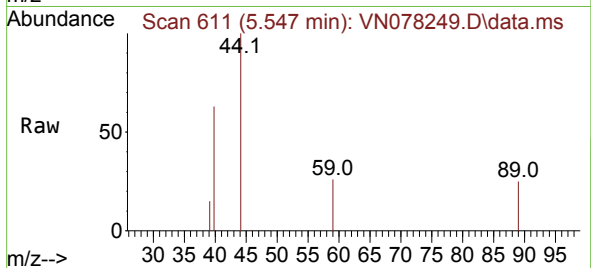
VN0616MBL01

Tgt Ion: 59 Resp: 184

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#13

Acrolein

Concen: 1.030 ug/l

RT: 4.200 min Scan# 382

Delta R.T. 0.012 min

Lab File: VN078249.D

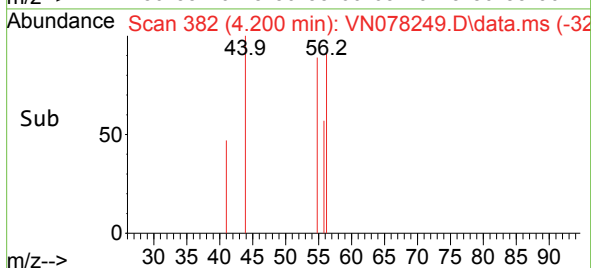
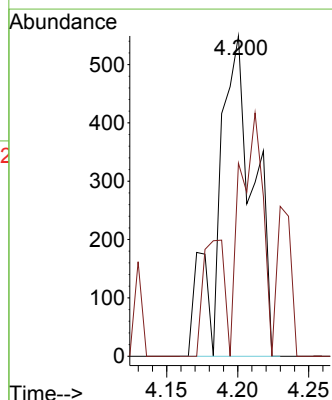
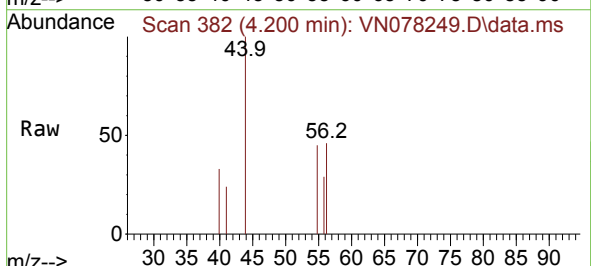
Acq: 16 Jun 2023 10:30

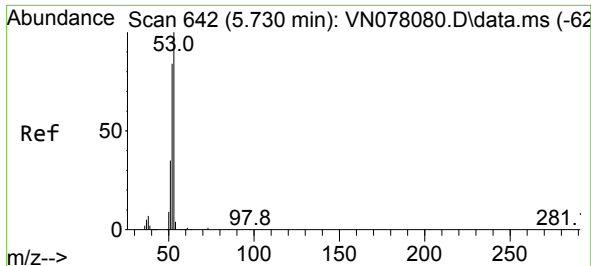
Tgt Ion: 56 Resp: 950

Ion Ratio Lower Upper

56 100

55 48.4 54.5 81.7#

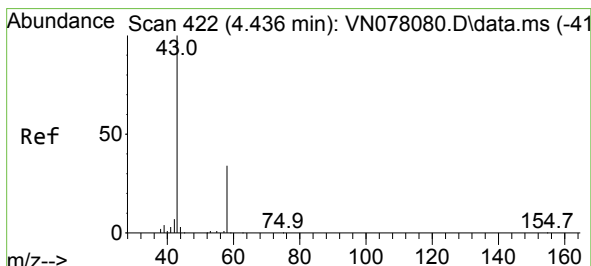
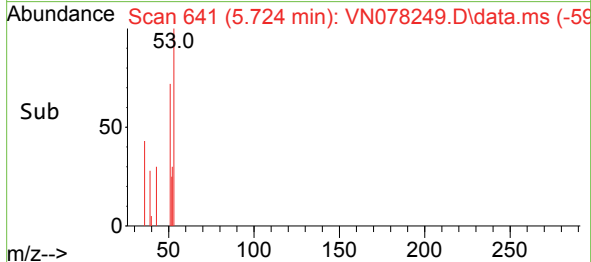
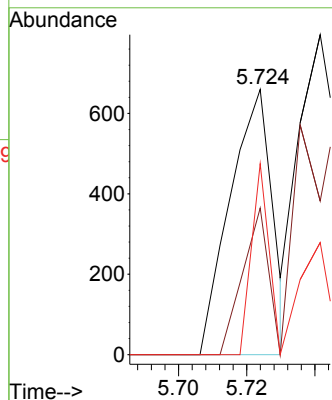
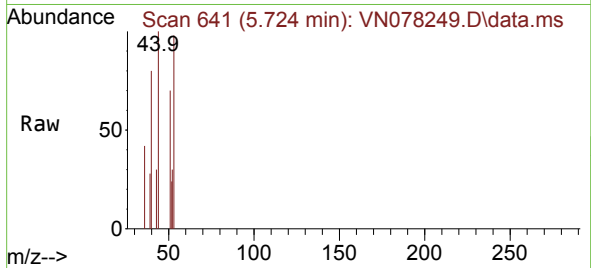




#15
Acrylonitrile
Concen: 0.267 ug/l
RT: 5.724 min Scan# 642
Delta R.T. -0.006 min
Lab File: VN078249.D
Acq: 16 Jun 2023 10:30

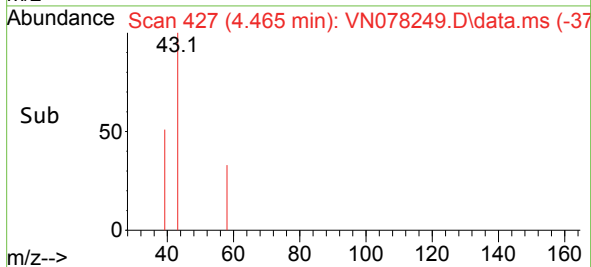
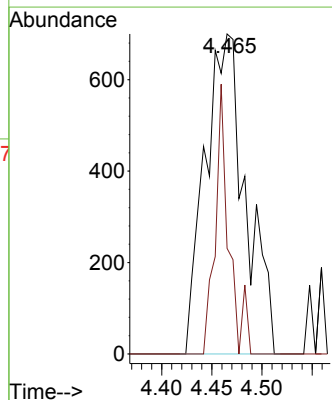
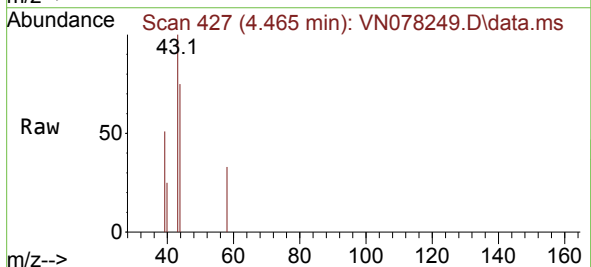
Instrument :
MSVOA_N
ClientSampleId :
VN0616MBL01

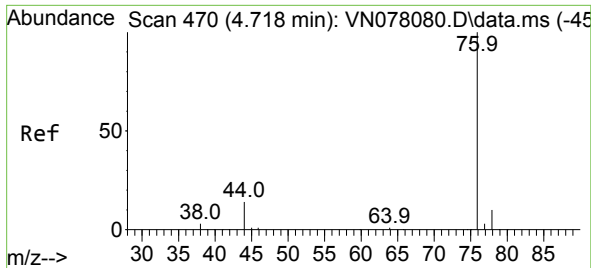
Tgt Ion: 53 Resp: 576
Ion Ratio Lower Upper
53 100
52 0.0 65.3 97.9#
51 40.6 28.9 43.3



#16
Acetone
Concen: 1.130 ug/l
RT: 4.465 min Scan# 427
Delta R.T. 0.029 min
Lab File: VN078249.D
Acq: 16 Jun 2023 10:30

Tgt Ion: 43 Resp: 1971
Ion Ratio Lower Upper
43 100
58 33.0 28.0 42.0

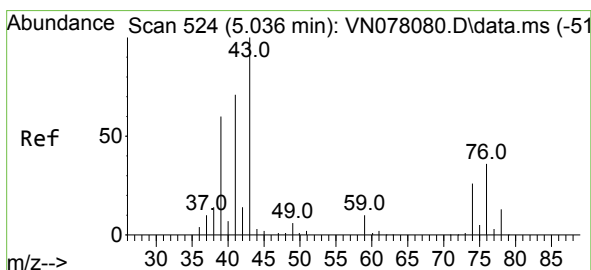
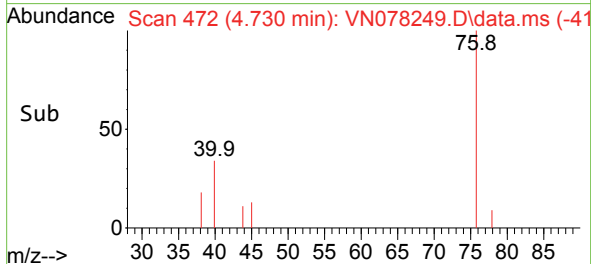
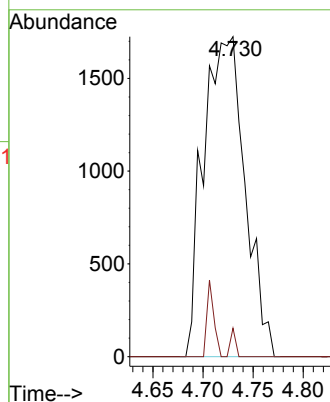
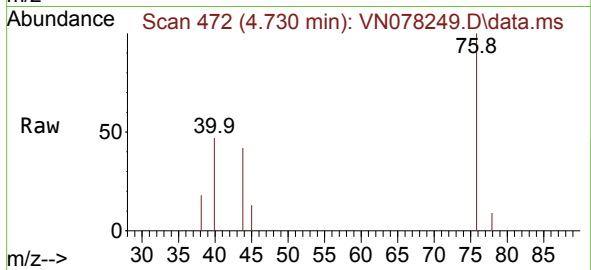




#17
Carbon Disulfide
Concen: 0.389 ug/l
RT: 4.730 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN078249.D
Acq: 16 Jun 2023 10:30

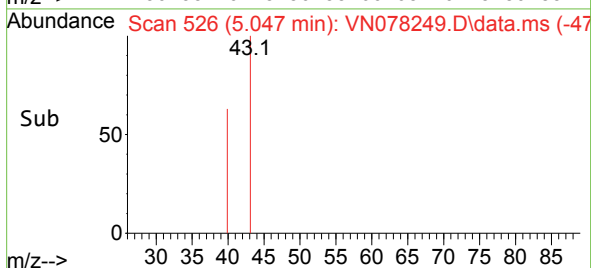
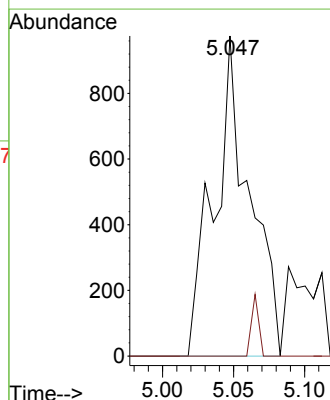
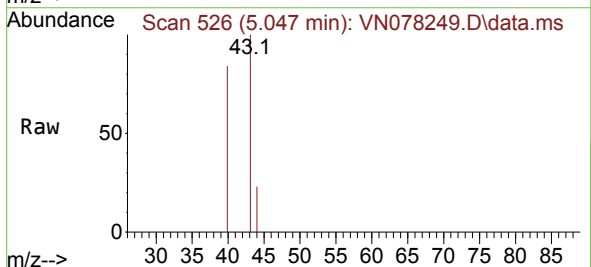
Instrument :
MSVOA_N
ClientSampleId :
VN0616MBL01

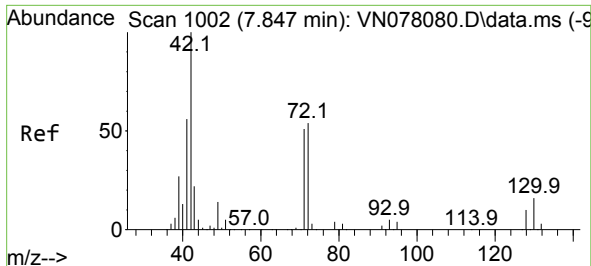
Tgt Ion: 76 Resp: 4973
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 0.210 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.012 min
Lab File: VN078249.D
Acq: 16 Jun 2023 10:30

Tgt Ion: 43 Resp: 1683
Ion Ratio Lower Upper
43 100
74 3.9 26.2 39.4#





#29

Tetrahydrofuran

Concen: 0.314 ug/l

RT: 7.853 min Scan# 1003

Delta R.T. 0.006 min

Lab File: VN078249.D

Acq: 16 Jun 2023 10:30

Instrument :

MSVOA_N

ClientSampleId :

VN0616MBL01

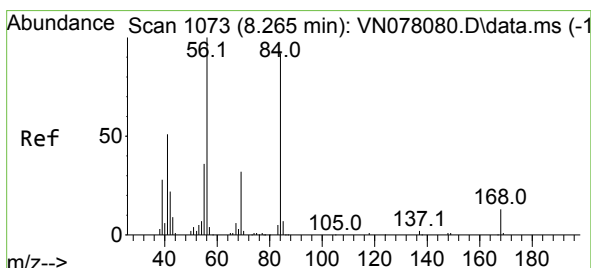
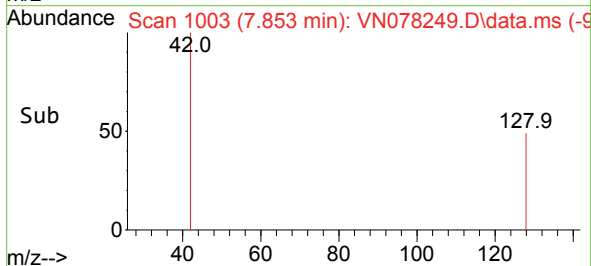
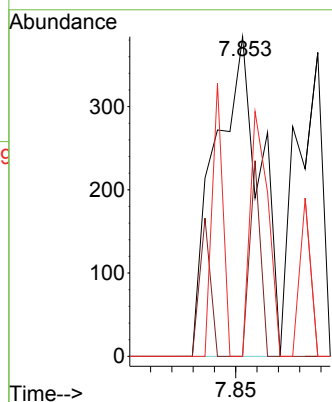
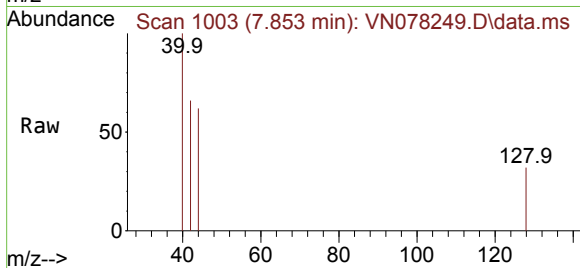
Tgt Ion: 42 Resp: 564

Ion Ratio Lower Upper

42 100

72 14.7 49.8 74.6#

71 30.7 47.4 71.2#



#31

Cyclohexane

Concen: 1.336 ug/l

RT: 8.236 min Scan# 1068

Delta R.T. -0.029 min

Lab File: VN078249.D

Acq: 16 Jun 2023 10:30

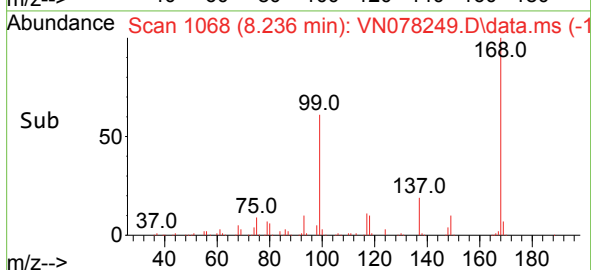
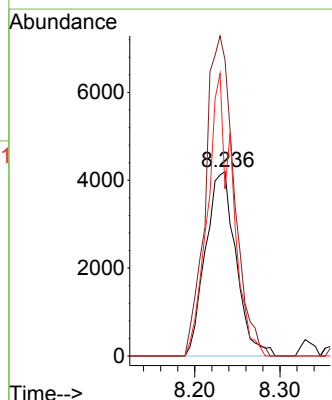
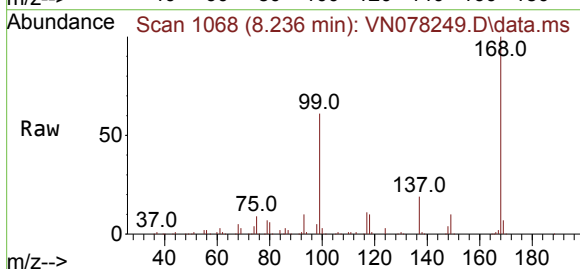
Tgt Ion: 56 Resp: 10389

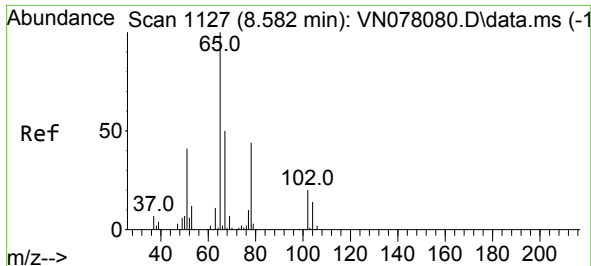
Ion Ratio Lower Upper

56 100

69 160.6 26.8 40.2#

84 90.7 81.8 122.6





#33

1,2-Dichloroethane-d4

Concen: 52.780 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN078249.D

Acq: 16 Jun 2023 10:30

Instrument :

MSVOA_N

ClientSampleId :

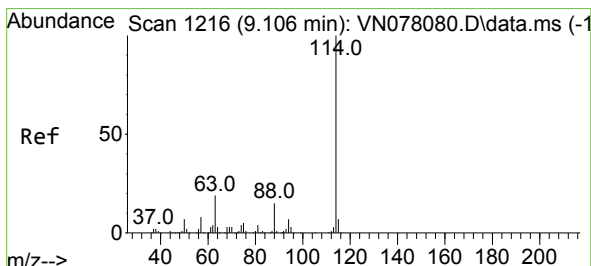
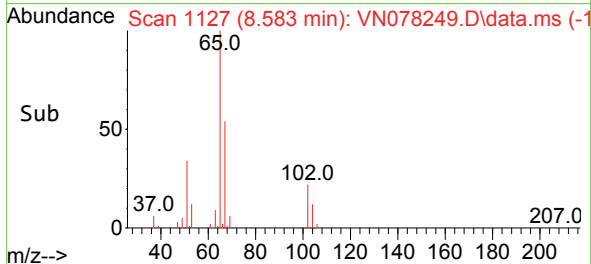
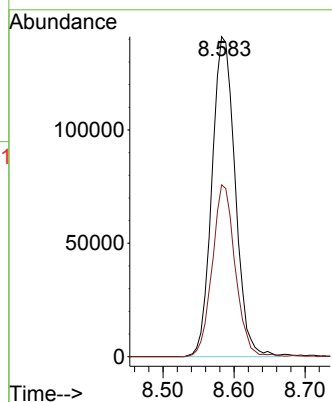
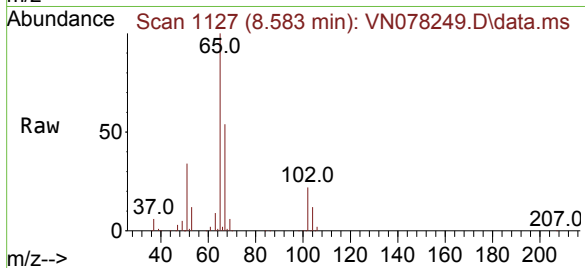
VN0616MBL01

Tgt Ion: 65 Resp: 319903

Ion Ratio Lower Upper

65 100

67 53.2 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: VN078249.D

Acq: 16 Jun 2023 10:30

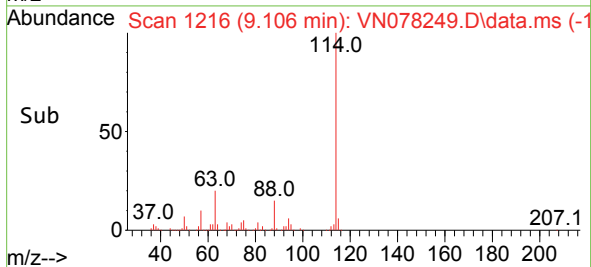
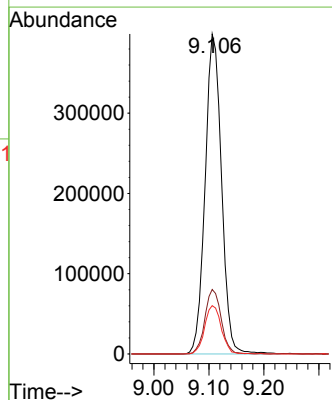
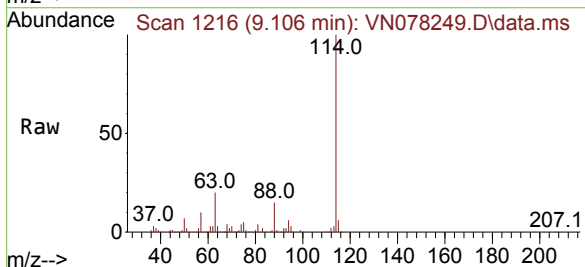
Tgt Ion: 114 Resp: 825919

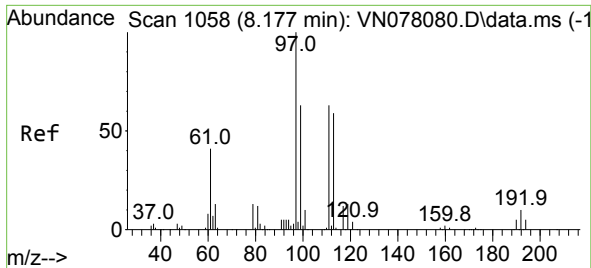
Ion Ratio Lower Upper

114 100

63 20.1 0.0 36.4

88 15.1 0.0 30.6

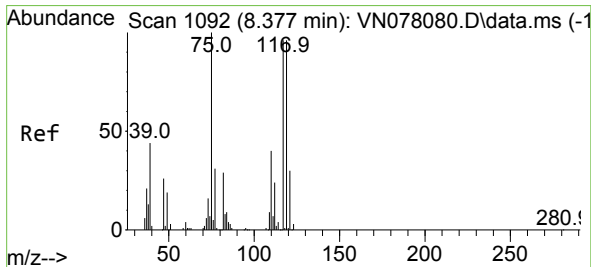
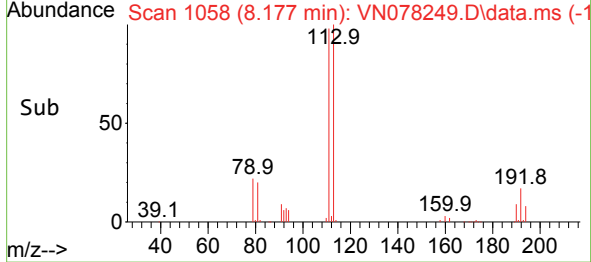
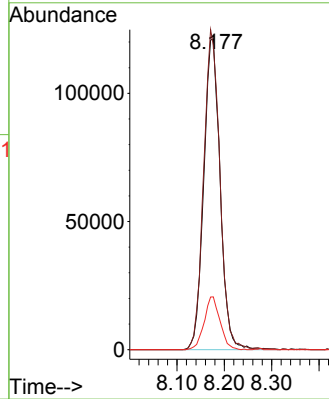
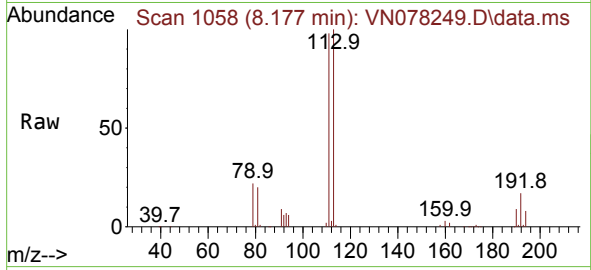




#35
 Dibromofluoromethane
 Concen: 55.842 ug/l
 RT: 8.177 min Scan# 1058
 Delta R.T. 0.000 min
 Lab File: VN078249.D
 Acq: 16 Jun 2023 10:30

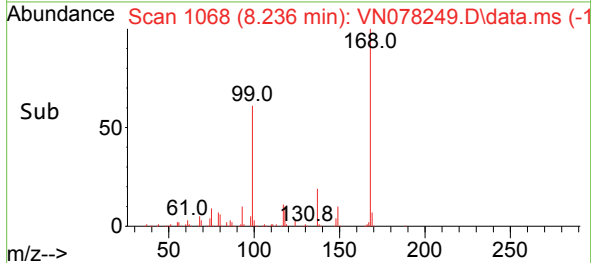
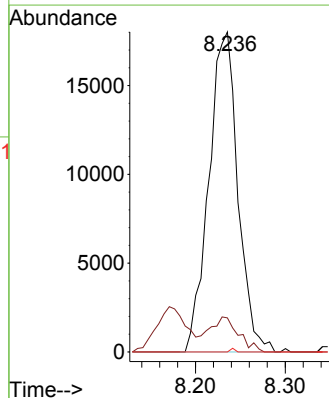
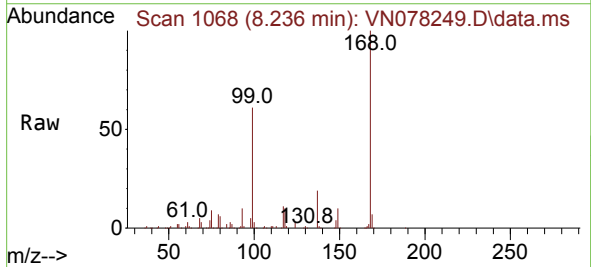
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0616MBL01

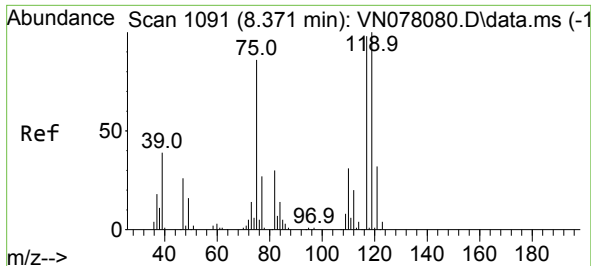
Tgt Ion:113 Resp: 291619
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.6 123.8
 192 16.5 12.7 19.1



#36
 1,1-Dichloropropene
 Concen: 5.407 ug/l
 RT: 8.236 min Scan# 1068
 Delta R.T. -0.141 min
 Lab File: VN078249.D
 Acq: 16 Jun 2023 10:30

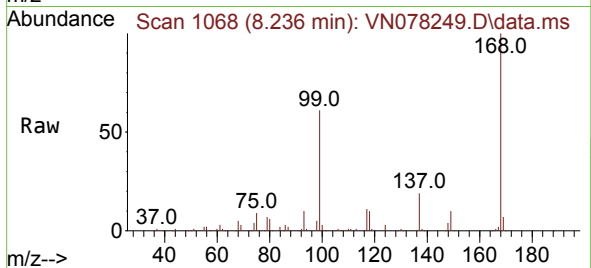
Tgt Ion: 75 Resp: 40500
 Ion Ratio Lower Upper
 75 100
 110 10.6 19.1 57.3#
 77 0.2 25.0 37.4#



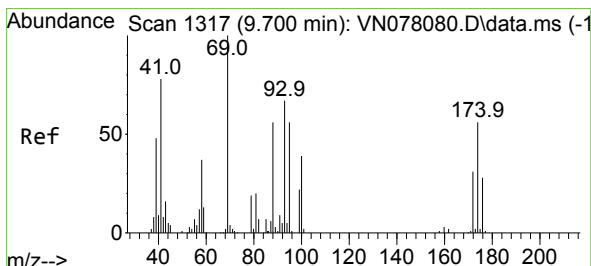
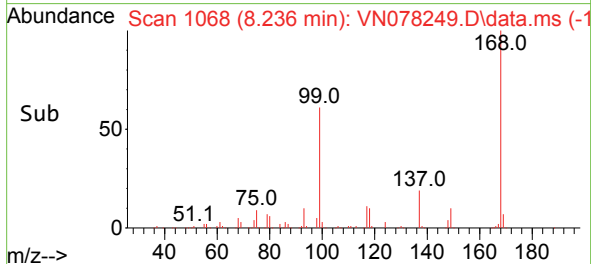
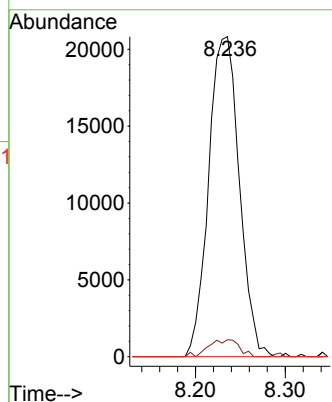


#38
Carbon Tetrachloride
Concen: 6.241 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.135 min
Lab File: VN078249.D
Acq: 16 Jun 2023 10:30

Instrument :
MSVOA_N
ClientSampleId :
VN0616MBL01

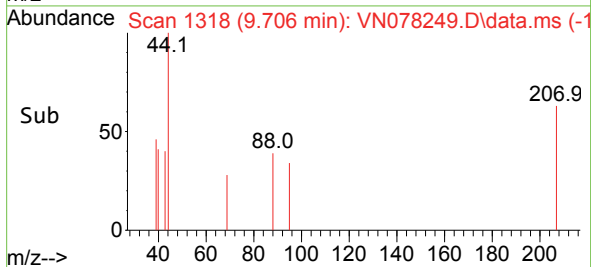
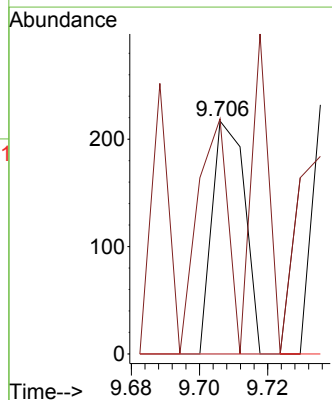
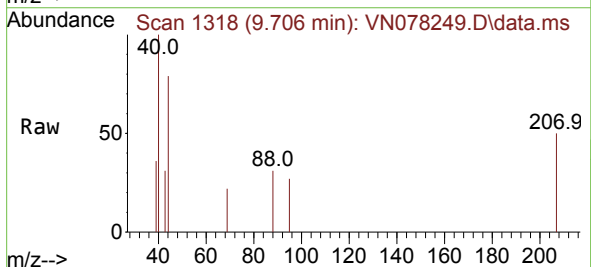


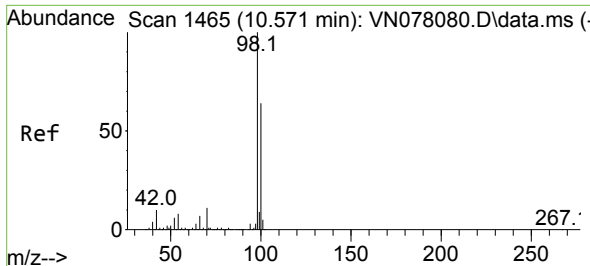
Tgt Ion:117 Resp: 49360
Ion Ratio Lower Upper
117 100
119 5.3 77.3 115.9#
121 0.0 23.3 34.9#



#49
1,4-Dioxane
Concen: 1.469 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VN078249.D
Acq: 16 Jun 2023 10:30

Tgt Ion: 88 Resp: 145
Ion Ratio Lower Upper
88 100
43 93.1 17.0 25.6#
58 0.0 47.0 70.4#

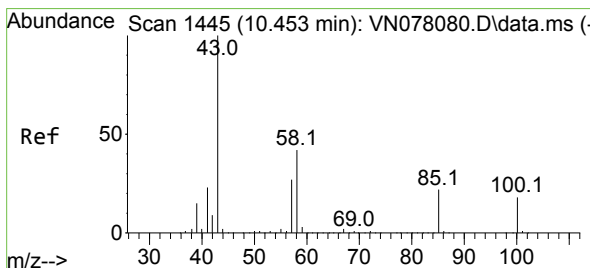
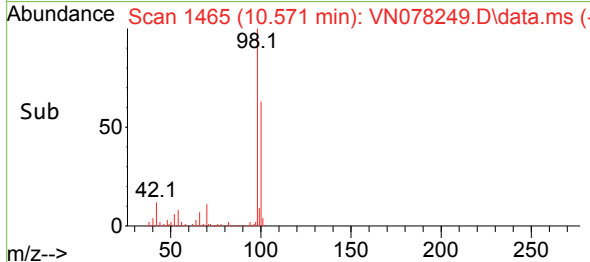
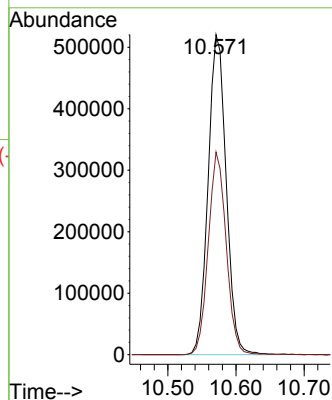
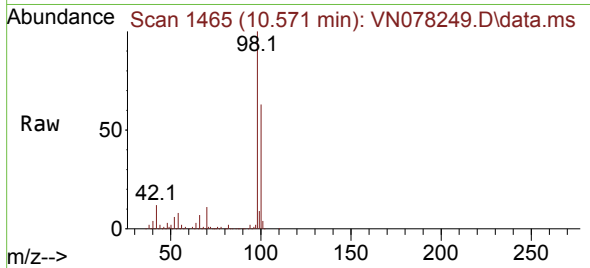




#50
Toluene-d8
Concen: 47.744 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078249.D
Acq: 16 Jun 2023 10:30

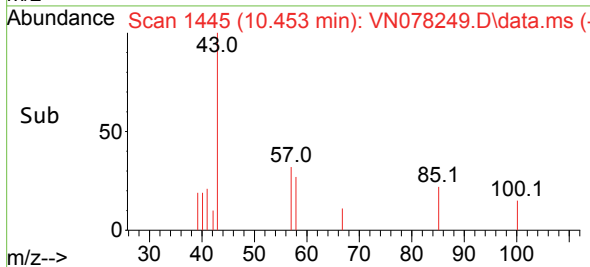
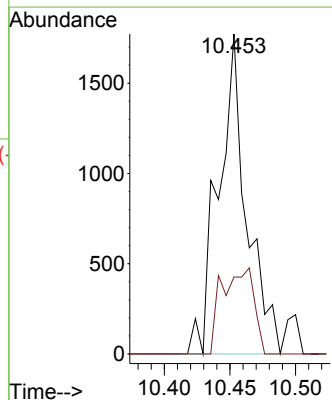
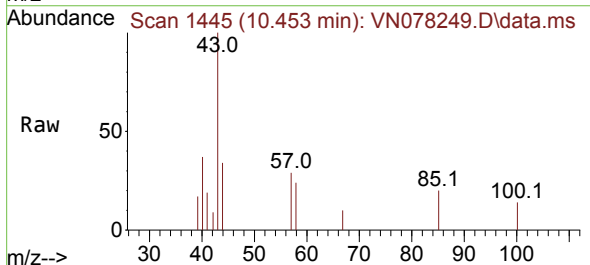
Instrument :
MSVOA_N
ClientSampleId :
VN0616MBL01

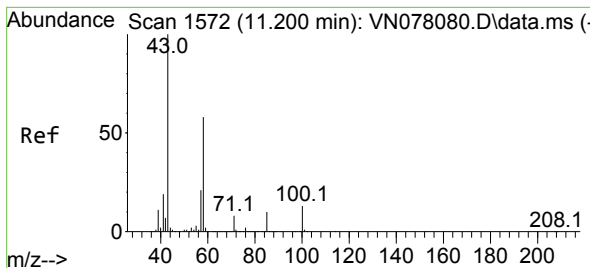
Tgt Ion: 98 Resp: 961184
Ion Ratio Lower Upper
98 100
100 62.7 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.449 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078249.D
Acq: 16 Jun 2023 10:30

Tgt Ion: 43 Resp: 2648
Ion Ratio Lower Upper
43 100
58 30.6 36.6 54.8#

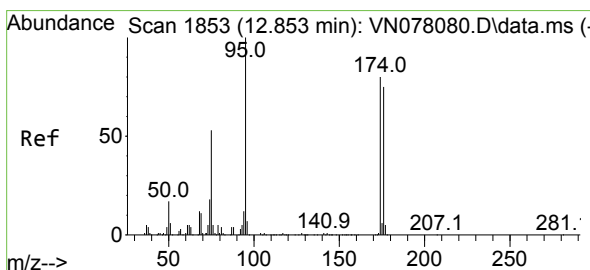
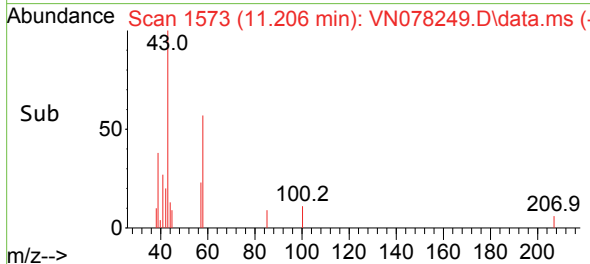
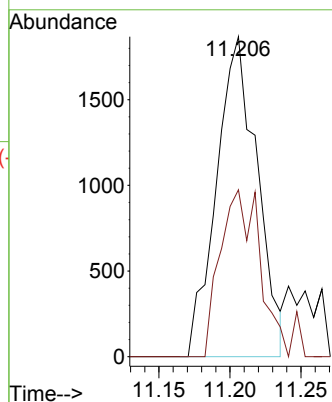
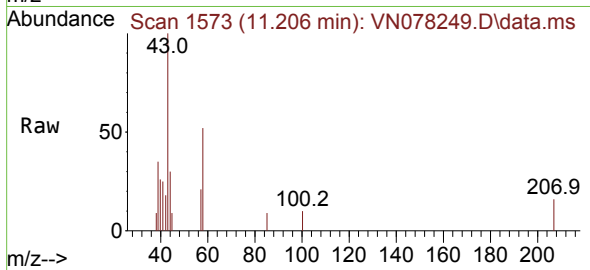




#59
2-Hexanone
Concen: 0.907 ug/l
RT: 11.206 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078249.D
Acq: 16 Jun 2023 10:30

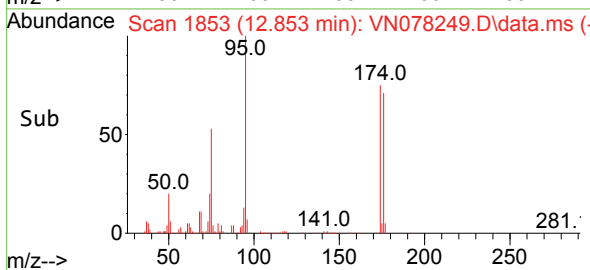
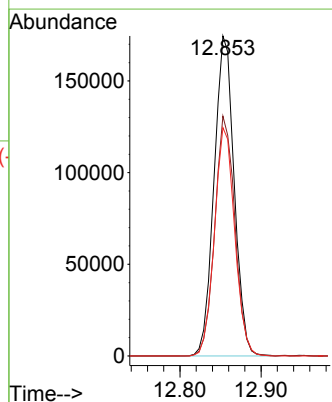
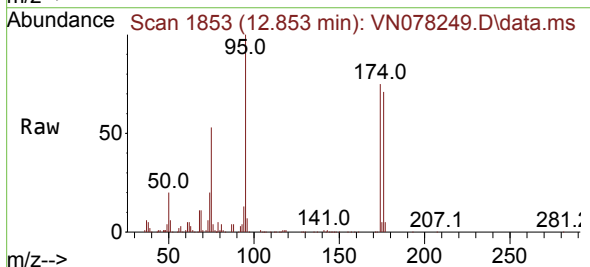
Instrument :
MSVOA_N
ClientSampleId :
VN0616MBL01

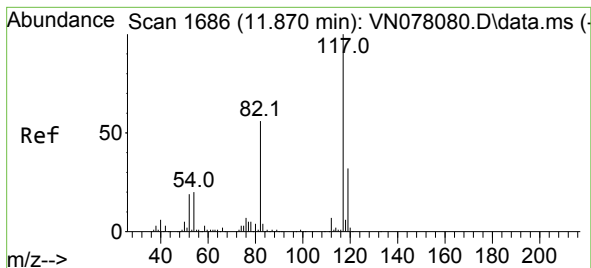
Tgt Ion: 43 Resp: 3723
Ion Ratio Lower Upper
43 100
58 50.6 31.7 95.1



#62
4-Bromofluorobenzene
Concen: 48.043 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078249.D
Acq: 16 Jun 2023 10:30

Tgt Ion: 95 Resp: 300682
Ion Ratio Lower Upper
95 100
174 74.8 0.0 143.8
176 71.8 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN078249.D

Acq: 16 Jun 2023 10:30

Instrument :

MSVOA_N

ClientSampleId :

VN0616MBL01

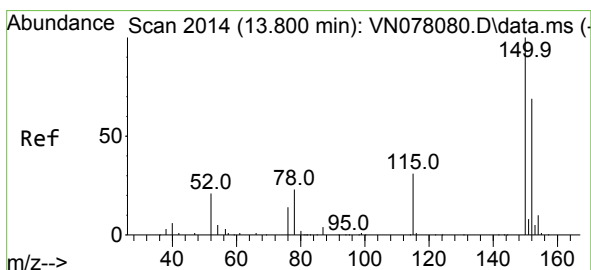
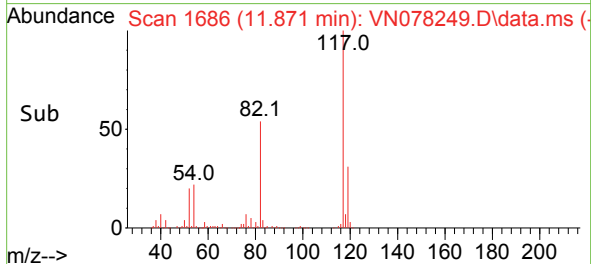
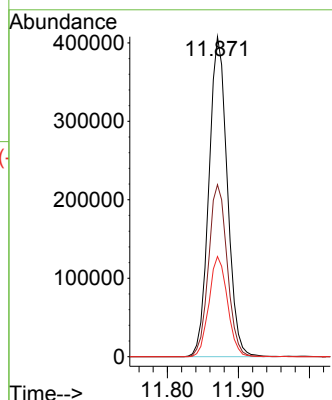
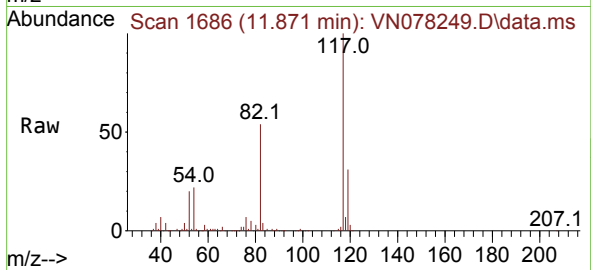
Tgt Ion:117 Resp: 731797

Ion Ratio Lower Upper

117 100

82 53.7 44.0 66.0

119 31.3 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.006 min

Lab File: VN078249.D

Acq: 16 Jun 2023 10:30

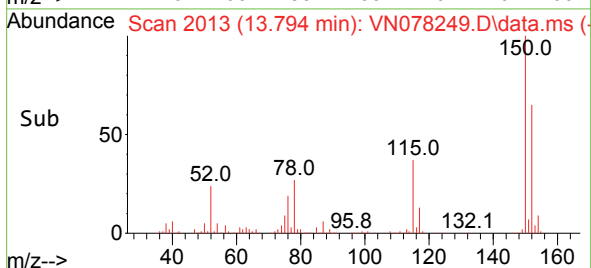
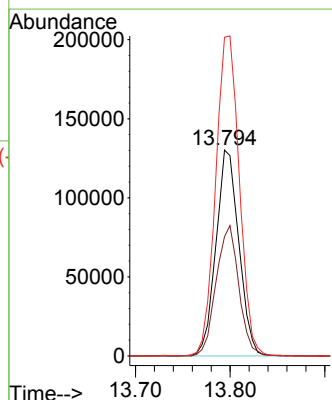
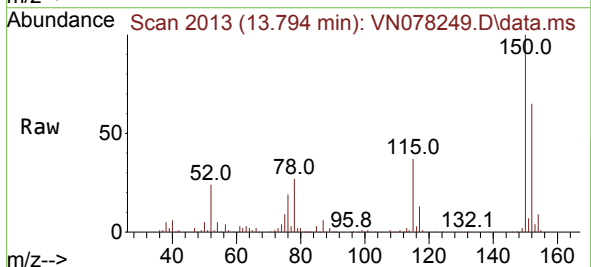
Tgt Ion:152 Resp: 218993

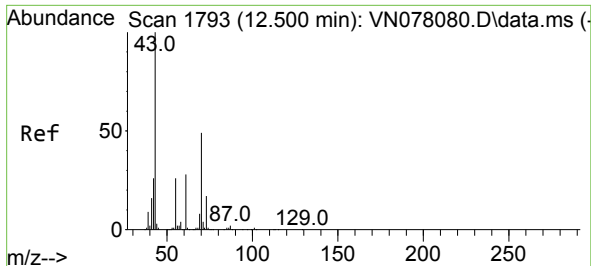
Ion Ratio Lower Upper

152 100

115 62.8 32.3 96.8

150 160.5 0.0 355.8

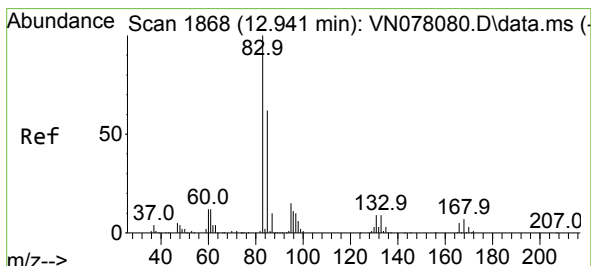
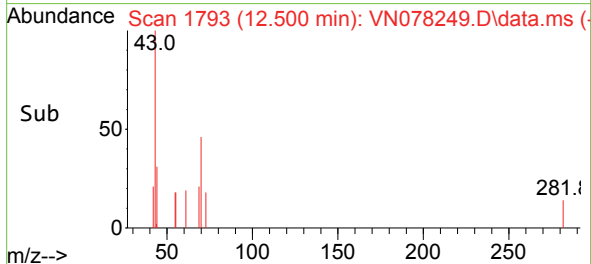
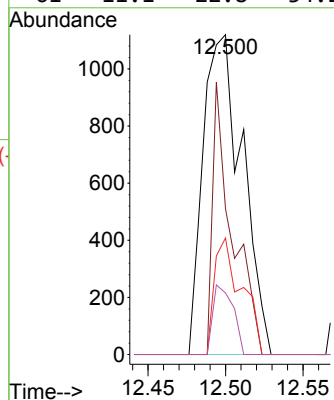
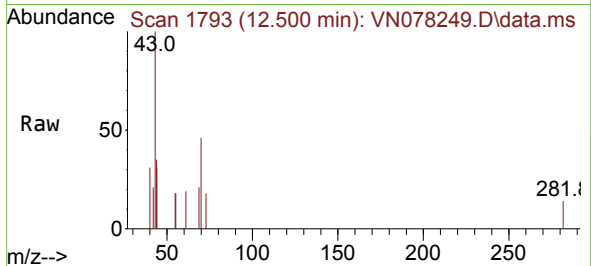




#74
N-amy1 acetate
Concen: 0.289 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078249.D
Acq: 16 Jun 2023 10:30

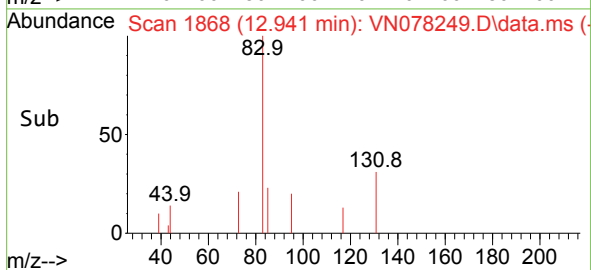
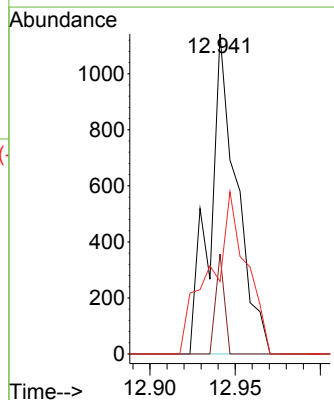
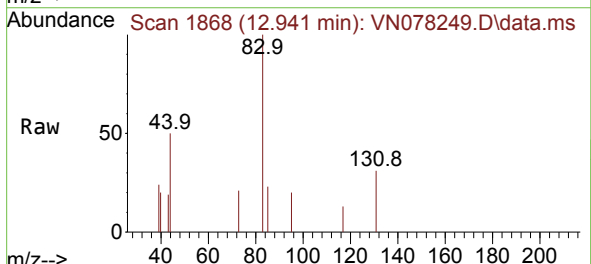
Instrument :
MSVOA_N
ClientSampleId :
VN0616MBL01

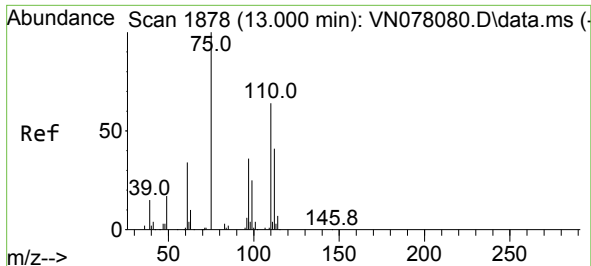
Tgt Ion: 43	Resp: 1973
Ion Ratio	Lower Upper
43 100	
70 42.5	43.4 65.2#
55 25.2	21.4 32.0
61 11.1	22.8 34.2#



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078249.D
Acq: 16 Jun 2023 10:30

Tgt Ion: 83	Resp: 1248
Ion Ratio	Lower Upper
83 100	
131 10.1	5.0 15.0
85 68.8	31.9 95.7

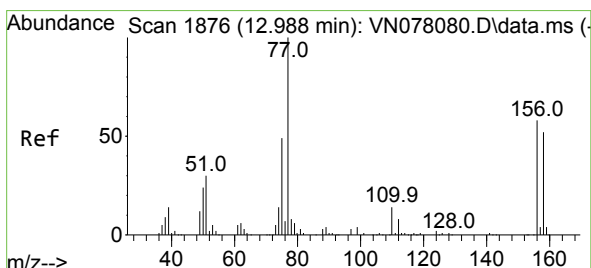
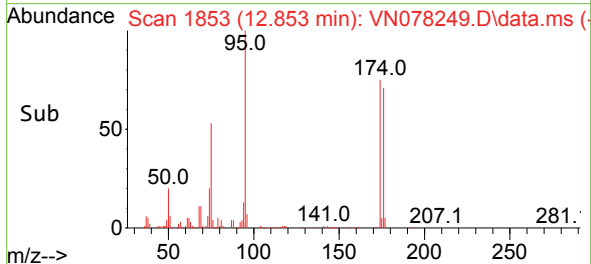
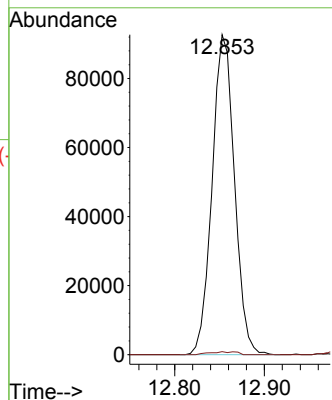
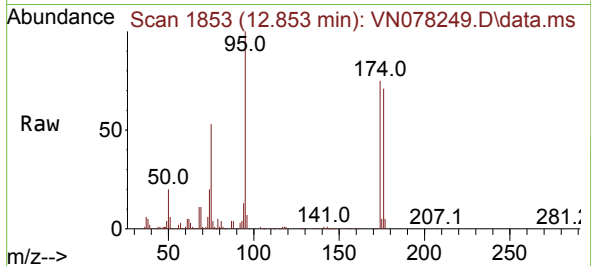




#76
1,2,3-Trichloropropane
Concen: 30.957 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN078249.D
Acq: 16 Jun 2023 10:30

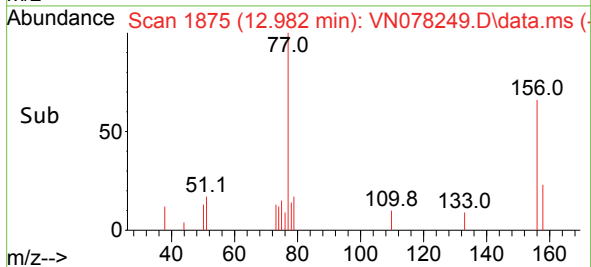
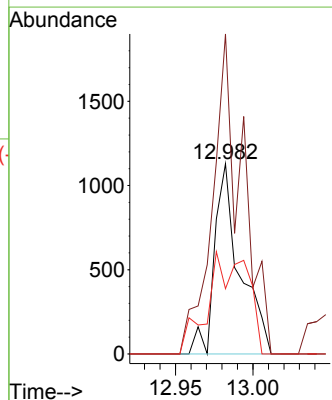
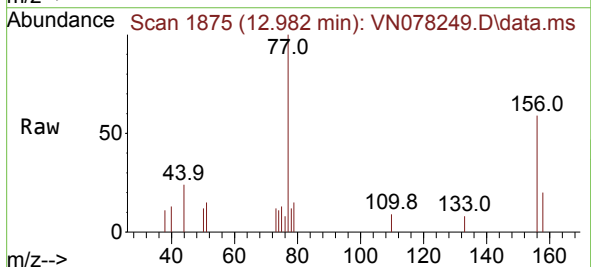
Instrument :
MSVOA_N
ClientSampleId :
VN0616MBL01

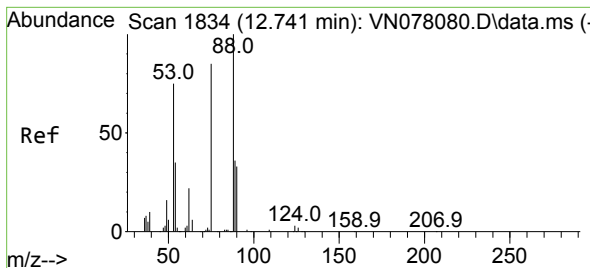
Tgt Ion: 75 Resp: 160265
Ion Ratio Lower Upper
75 100
77 1.1 84.5 253.5#



#77
Bromobenzene
Concen: 0.267 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN078249.D
Acq: 16 Jun 2023 10:30

Tgt Ion: 156 Resp: 1284
Ion Ratio Lower Upper
156 100
77 197.7 107.7 323.3
158 83.8 48.4 145.3

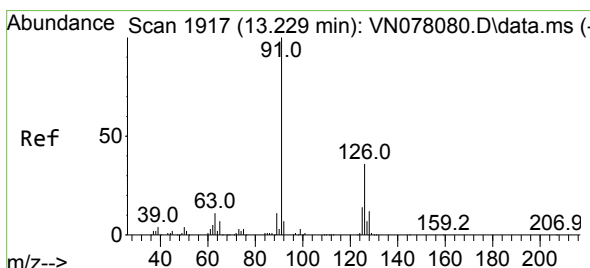
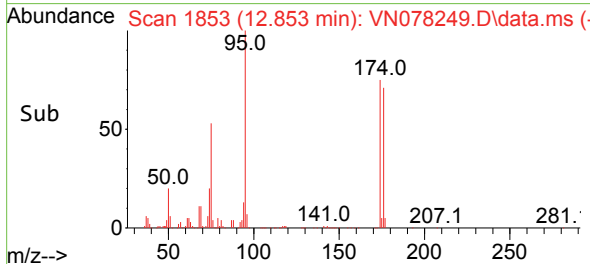
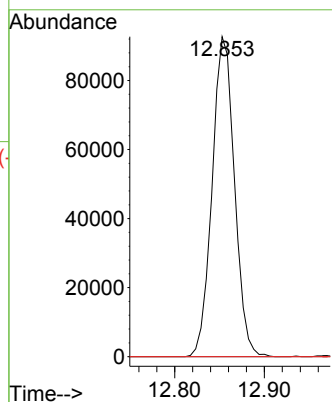
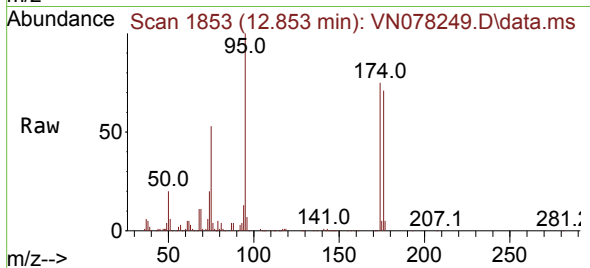




#81
trans-1,4-Dichloro-2-butene
Concen: 95.109 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN078249.D
Acq: 16 Jun 2023 10:30

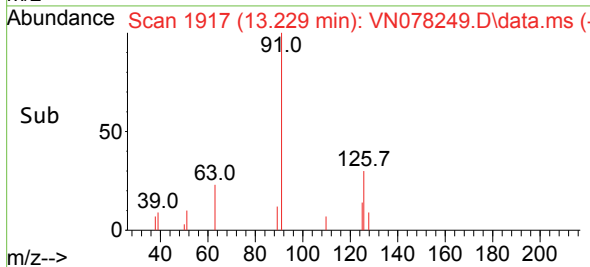
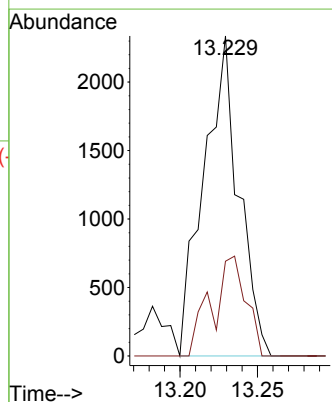
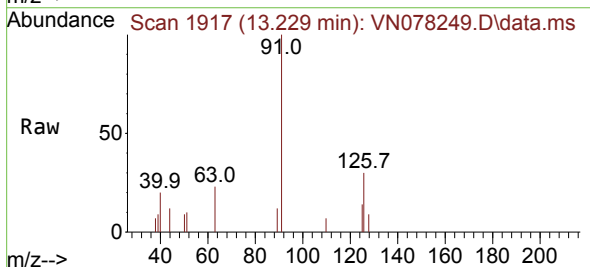
Instrument :
MSVOA_N
ClientSampleId :
VN0616MBL01

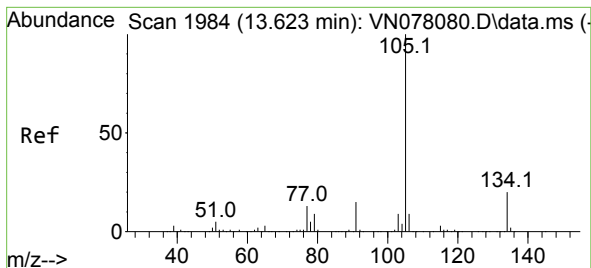
Tgt Ion: 75 Resp: 160265
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#



#82
4-Chlorotoluene
Concen: 0.269 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078249.D
Acq: 16 Jun 2023 10:30

Tgt Ion: 91 Resp: 3650
Ion Ratio Lower Upper
91 100
126 30.5 16.7 50.0





#85

sec-Butylbenzene

Concen: 0.239 ug/l

RT: 13.618 min Scan# 1984

Delta R.T. -0.006 min

Lab File: VN078249.D

Acq: 16 Jun 2023 10:30

Instrument :

MSVOA_N

ClientSampleId :

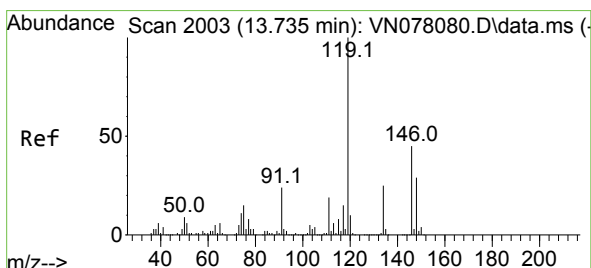
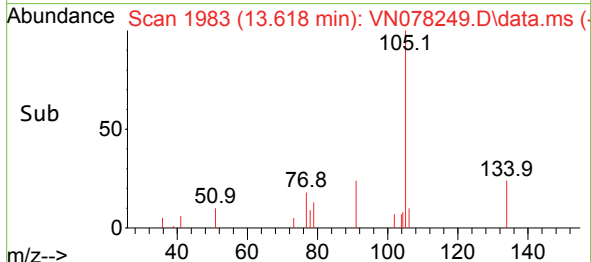
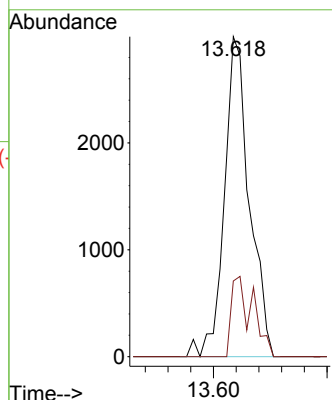
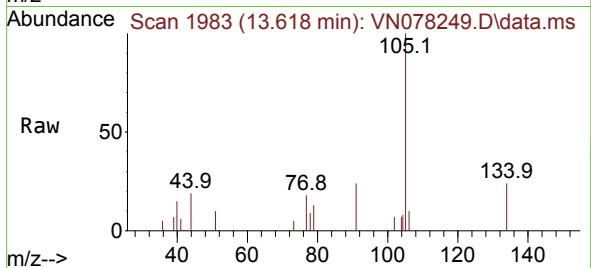
VN0616MBL01

Tgt Ion:105 Resp: 4565

Ion Ratio Lower Upper

105 100

134 21.2 9.8 29.3



#86

p-Isopropyltoluene

Concen: 0.229 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. 0.006 min

Lab File: VN078249.D

Acq: 16 Jun 2023 10:30

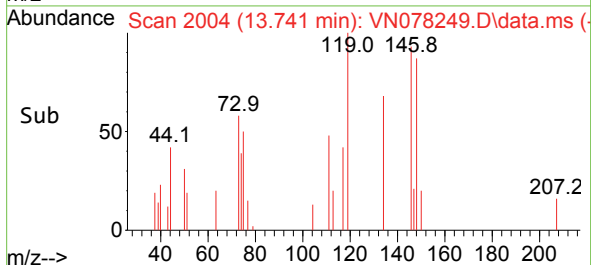
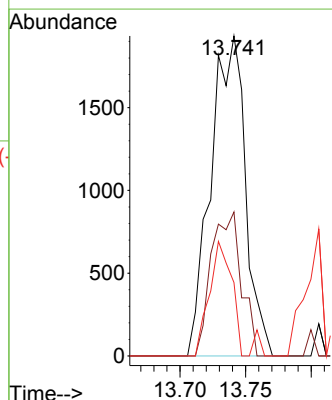
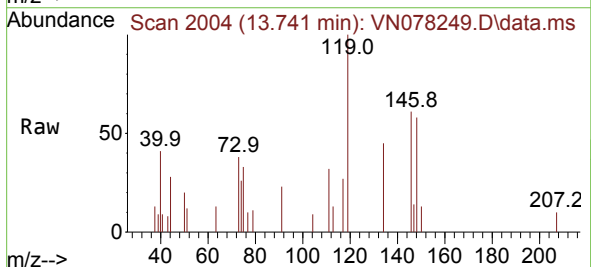
Tgt Ion:119 Resp: 3550

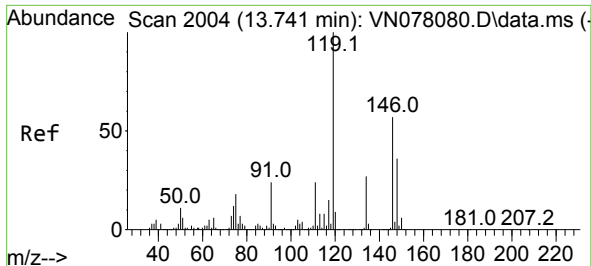
Ion Ratio Lower Upper

119 100

134 39.1 12.6 37.8#

91 23.2 12.4 37.2

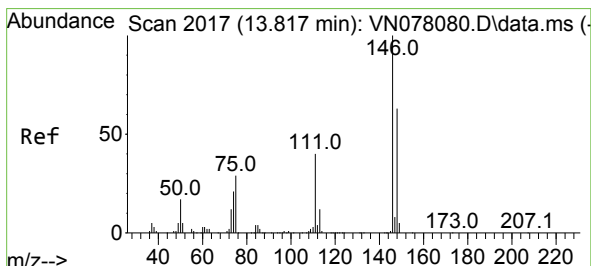
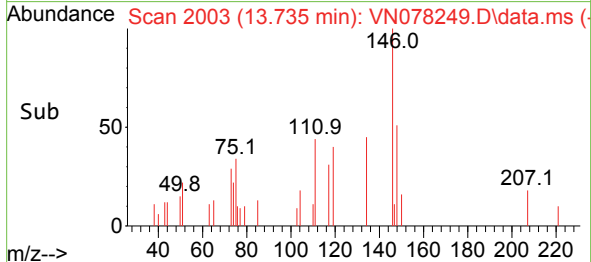
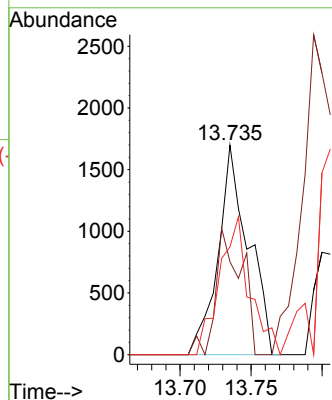
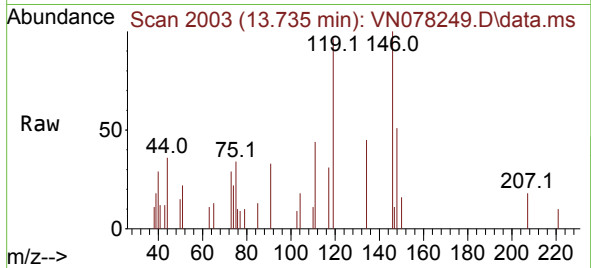




#87
 1,3-Dichlorobenzene
 Concen: 0.309 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.006 min
 Lab File: VN078249.D
 Acq: 16 Jun 2023 10:30

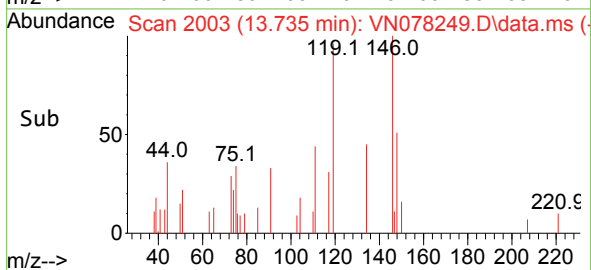
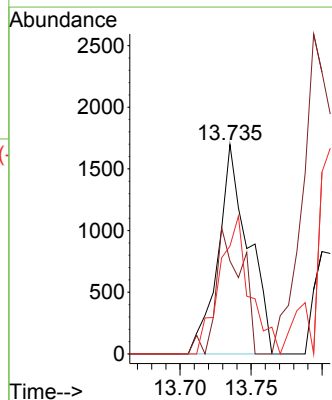
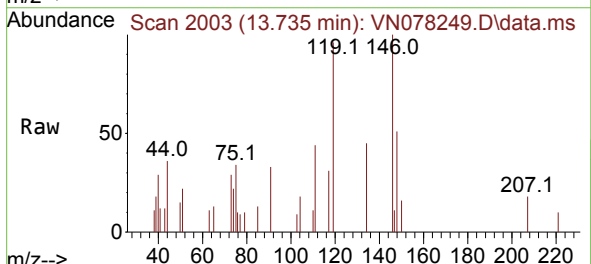
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0616MBL01

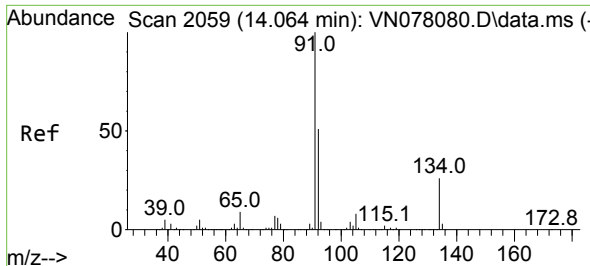
Tgt Ion:146 Resp: 2515
 Ion Ratio Lower Upper
 146 100
 111 51.5 22.1 66.3
 148 65.7 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 0.321 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.082 min
 Lab File: VN078249.D
 Acq: 16 Jun 2023 10:30

Tgt Ion:146 Resp: 2515
 Ion Ratio Lower Upper
 146 100
 111 51.5 20.6 61.8
 148 65.7 31.6 94.8

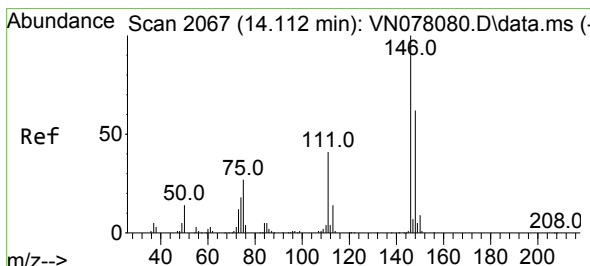
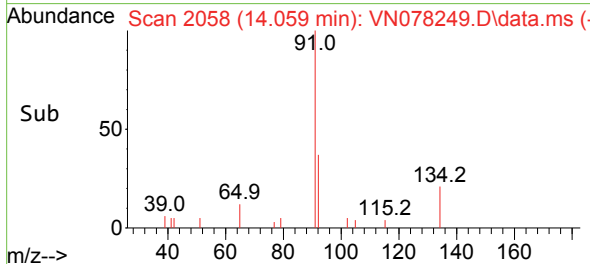
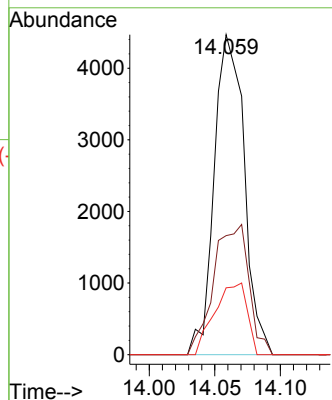
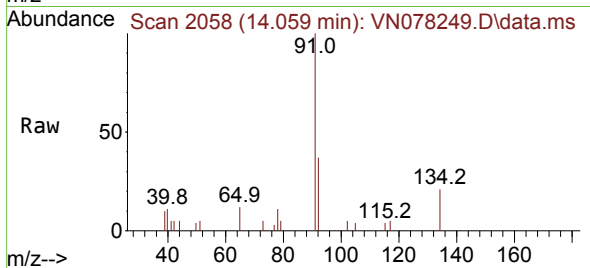




#89
n-Butylbenzene
Concen: 0.582 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VN078249.D
Acq: 16 Jun 2023 10:30

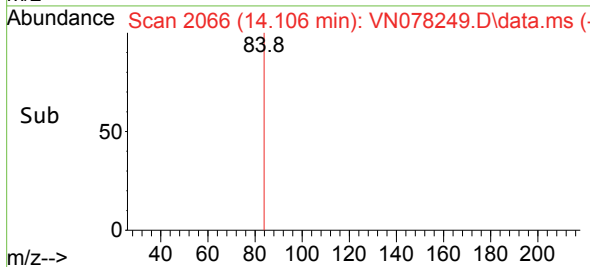
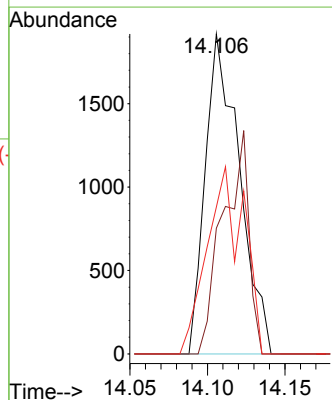
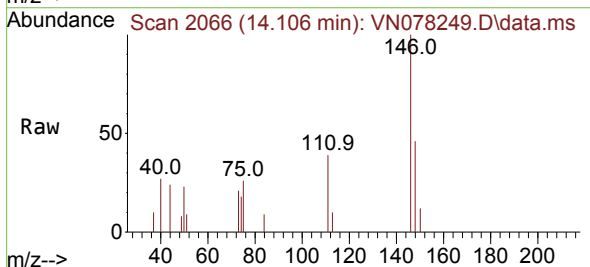
Instrument :
MSVOA_N
ClientSampleId :
VN0616MBL01

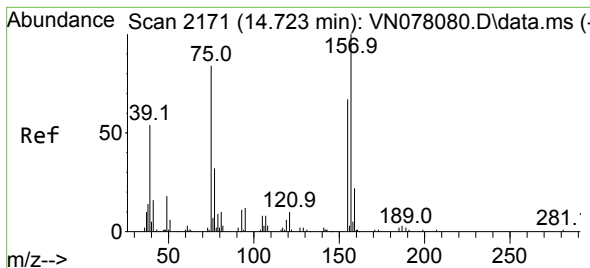
Tgt Ion: 91 Resp: 7111
Ion Ratio Lower Upper
91 100
92 47.8 26.4 79.0
134 24.1 12.6 37.6



#91
1,2-Dichlorobenzene
Concen: 0.368 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN078249.D
Acq: 16 Jun 2023 10:30

Tgt Ion: 146 Resp: 2928
Ion Ratio Lower Upper
146 100
111 52.9 22.0 66.0
148 63.0 31.8 95.3

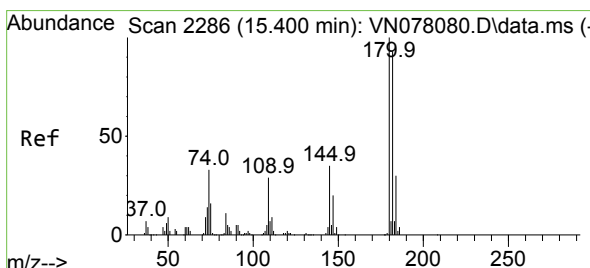
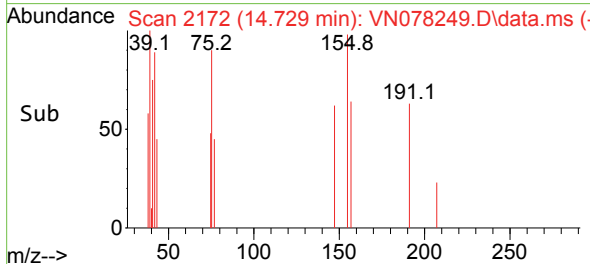
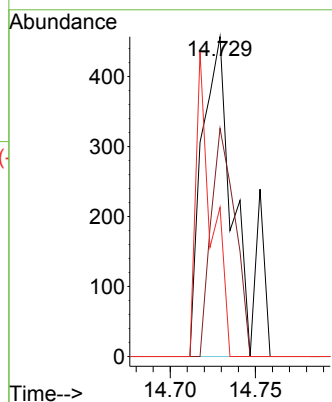
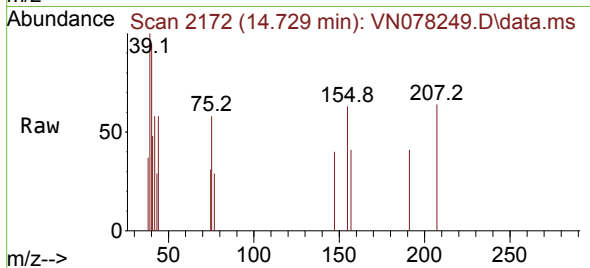




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.612 ug/l
 RT: 14.729 min Scan# 2171
 Delta R.T. 0.006 min
 Lab File: VN078249.D
 Acq: 16 Jun 2023 10:30

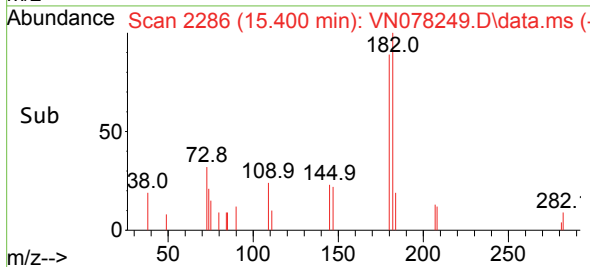
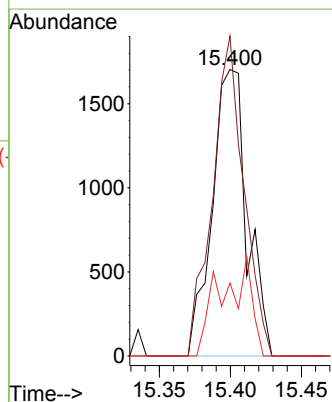
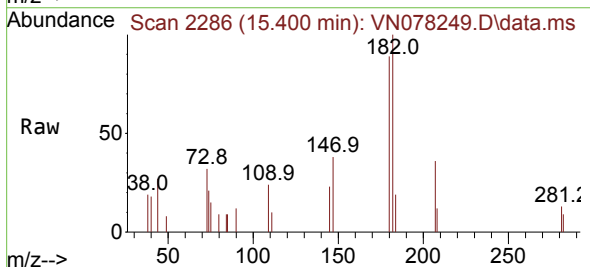
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0616MBL01

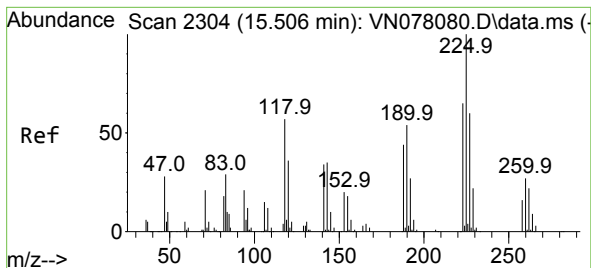
Tgt Ion: 75 Resp: 628
 Ion Ratio Lower Upper
 75 100
 155 51.0 39.1 117.2
 157 45.2 50.3 150.9#



#93
 1,2,4-Trichlorobenzene
 Concen: 1.025 ug/l
 RT: 15.400 min Scan# 2286
 Delta R.T. 0.000 min
 Lab File: VN078249.D
 Acq: 16 Jun 2023 10:30

Tgt Ion: 180 Resp: 2903
 Ion Ratio Lower Upper
 180 100
 182 101.0 46.1 138.2
 145 12.1 16.6 49.8#





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.500 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN078249.D

Acq: 16 Jun 2023 10:30

Instrument :

MSVOA_N

ClientSampleId :

VN0616MBL01

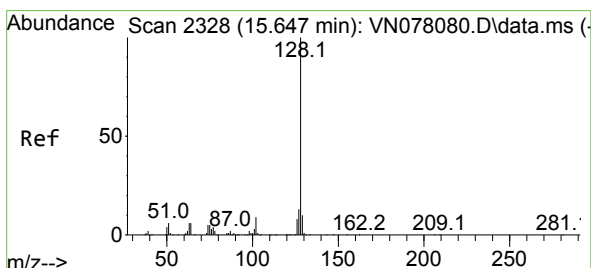
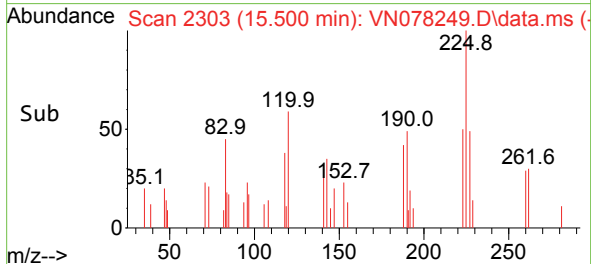
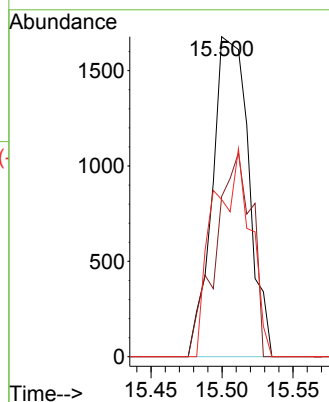
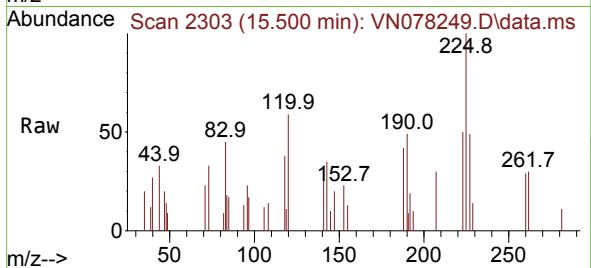
Tgt Ion:225 Resp: 2991

Ion Ratio Lower Upper

225 100

223 63.8 31.3 93.8

227 66.0 31.9 95.9



#95

Naphthalene

Concen: 1.088 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. 0.000 min

Lab File: VN078249.D

Acq: 16 Jun 2023 10:30

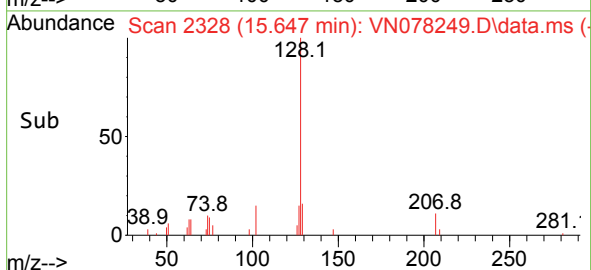
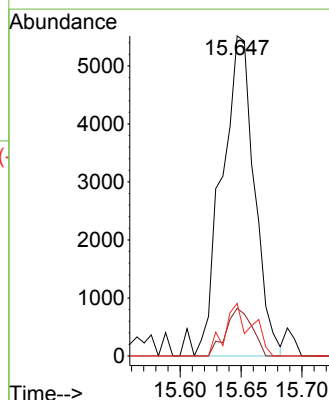
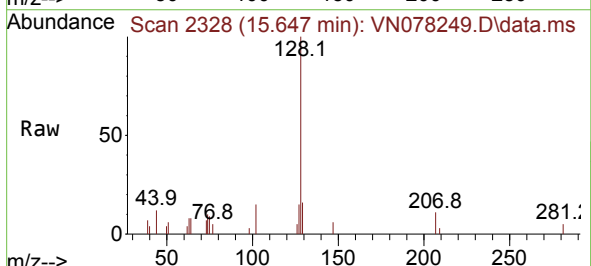
Tgt Ion:128 Resp: 10365

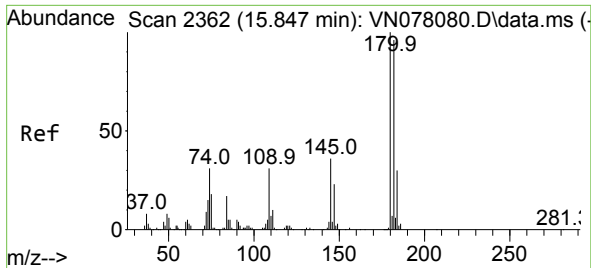
Ion Ratio Lower Upper

128 100

127 11.8 10.0 15.0

129 13.4 8.7 13.1#





#96

1,2,3-Trichlorobenzene

Concen: 1.178 ug/l

RT: 15.847 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN078249.D

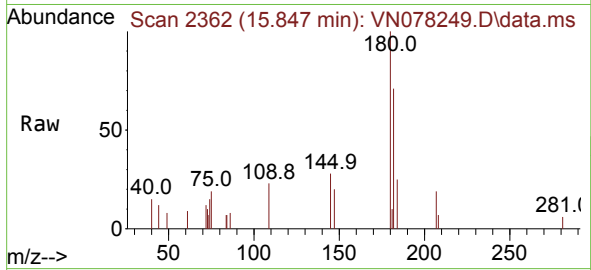
Acq: 16 Jun 2023 10:30

Instrument :

MSVOA_N

ClientSampleId :

VN0616MBL01



Tgt Ion:180 Resp: 3731

Ion Ratio Lower Upper

180 100

182 100.0 46.2 138.6

145 40.2 17.5 52.6

