

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062423\
 Data File : VN078388.D
 Acq On : 24 Jun 2023 12:15
 Operator : JC\MD
 Sample : VN0624WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBL01

Quant Time: Jun 26 01:46:41 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	433711	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	782059	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	694968	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	224758	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	296213	51.224	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.440%	
35) Dibromofluoromethane	8.177	113	286429	57.925	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 115.840%	
50) Toluene-d8	10.571	98	892161	46.801	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 93.600%	
62) 4-Bromofluorobenzene	12.853	95	301252	50.834	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.660%	
Target Compounds						Qvalue
3) Chloromethane	2.383	50	1393	Below Cal		91
5) Bromomethane	2.977	94	3231	0.666	ug/l #	66
10) Methyl Iodide	4.606	142	1957	0.301	ug/l #	65
11) Tert butyl alcohol	5.530	59	279	0.349	ug/l #	72
15) Acrylonitrile	5.730	53	1343	0.652	ug/l #	64
16) Acetone	4.471	43	2074	1.246	ug/l #	84
17) Carbon Disulfide	4.724	76	5247	0.430	ug/l #	75
18) Methyl Acetate	5.059	43	2472	0.323	ug/l #	48
20) Methylene Chloride	5.283	84	2976	0.541	ug/l #	71
25) 2-Butanone	7.506	43	1676	0.655	ug/l #	81
31) Cyclohexane	8.230	56	10912	1.471	ug/l #	39
36) 1,1-Dichloropropene	8.230	75	37578	5.298	ug/l #	47
38) Carbon Tetrachloride	8.236	117	48834	6.520	ug/l #	17
39) Methylcyclohexane	9.600	83	1912	0.260	ug/l #	85
43) Isopropyl Acetate	8.741	43	4903	0.463	ug/l #	49
49) 1,4-Dioxane	9.718	88	102	1.091	ug/l #	1
51) 4-Methyl-2-Pentanone	10.453	43	2540	0.455	ug/l #	74
59) 2-Hexanone	11.206	43	3636	0.936	ug/l	70
68) m/p-Xylenes	12.088	106	2094	0.214	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	1030	Below Cal	#	46
76) 1,2,3-Trichloropropane	12.853	75	156763	29.504	ug/l #	1
77) Bromobenzene	12.994	156	1108	0.225	ug/l	95
79) 2-Chlorotoluene	13.135	91	3094	0.208	ug/l	88
81) trans-1,4-Dichloro-2-b...	12.853	75	156763	90.644	ug/l #	15
82) 4-Chlorotoluene	13.229	91	3390	0.244	ug/l	75
83) tert-Butylbenzene	13.441	119	3193	0.213	ug/l #	89
84) 1,2,4-Trimethylbenzene	13.482	105	3358	0.201	ug/l	93
85) sec-Butylbenzene	13.623	105	7531	0.385	ug/l	97
86) p-Isopropyltoluene	13.729	119	5581	0.351	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	2472	0.296	ug/l	87
88) 1,4-Dichlorobenzene	13.729	146	2472	0.307	ug/l	85
89) n-Butylbenzene	14.059	91	8722	0.696	ug/l	91
90) Hexachloroethane	14.347	117	1069	0.379	ug/l	87
91) 1,2-Dichlorobenzene	14.106	146	3300	0.405	ug/l	90
92) 1,2-Dibromo-3-Chloropr...	14.729	75	302	0.287	ug/l #	30
93) 1,2,4-Trichlorobenzene	15.400	180	3218	1.107	ug/l	89

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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

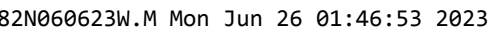
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBL01

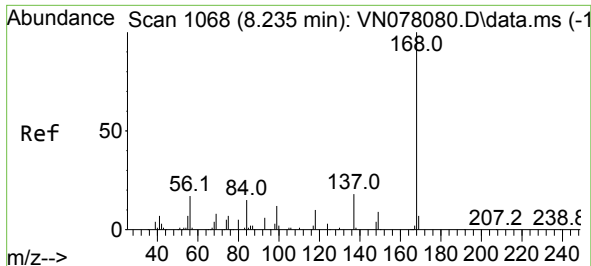
Quant Time: Jun 26 01:46:41 2023
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Quant Title : SW846 8260
QLast Update : Wed Jun 07 05:05:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
94) Hexachlorobutadiene	15.500	225	3170	Below Cal	95
95) Naphthalene	15.647	128	10111	1.034 ug/l	97
96) 1,2,3-Trichlorobenzene	15.847	180	4533	1.395 ug/l	82

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

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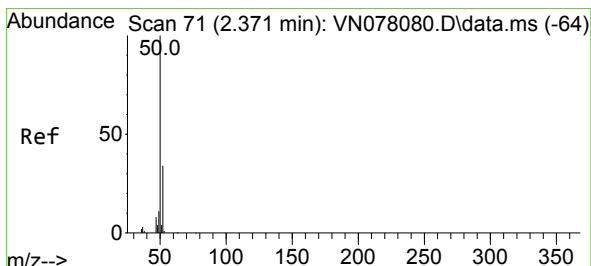
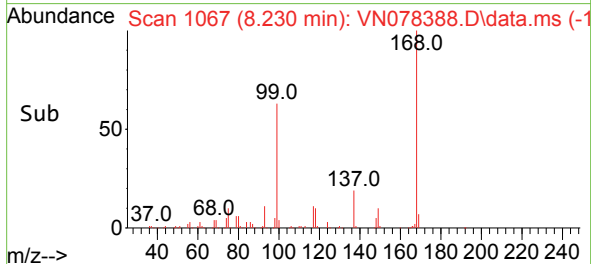
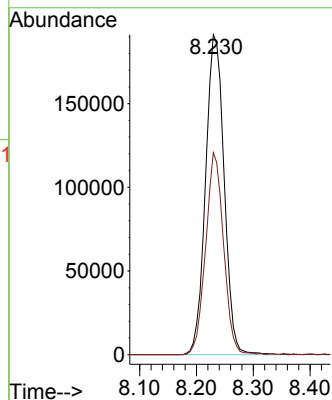
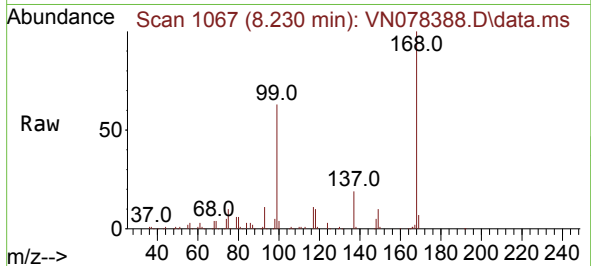




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN078388.D
Acq: 24 Jun 2023 12:15

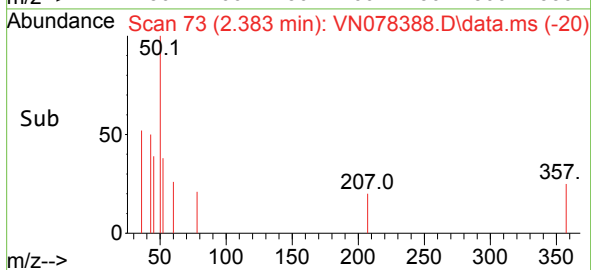
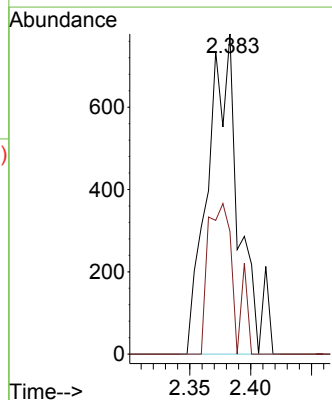
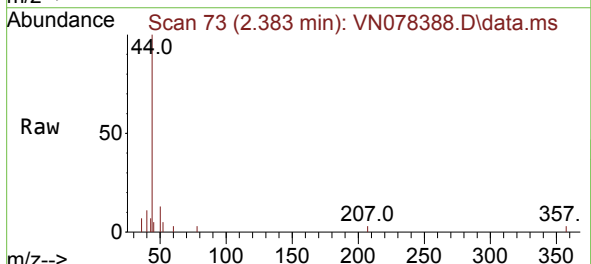
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBL01

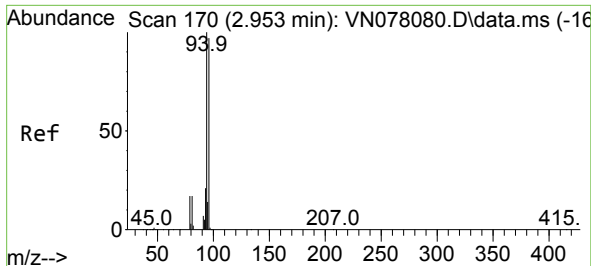
Tgt Ion:168 Resp: 433711
Ion Ratio Lower Upper
168 100
99 63.1 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.383 min Scan# 73
Delta R.T. 0.012 min
Lab File: VN078388.D
Acq: 24 Jun 2023 12:15

Tgt Ion: 50 Resp: 1393
Ion Ratio Lower Upper
50 100
52 38.3 26.5 39.7

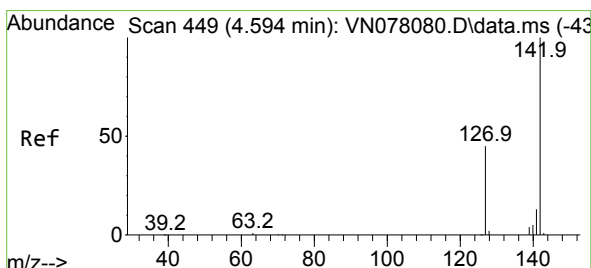
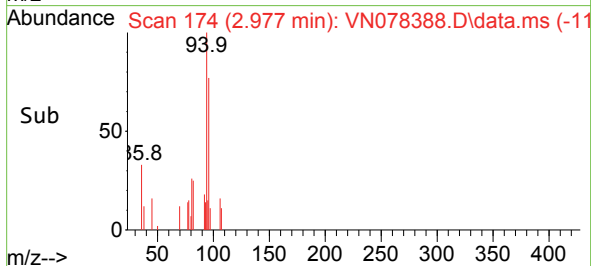
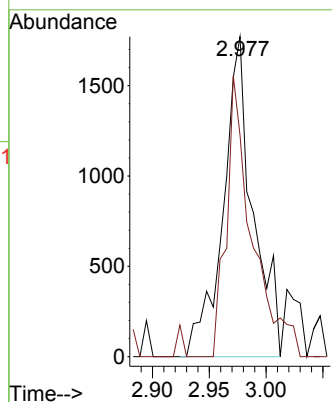
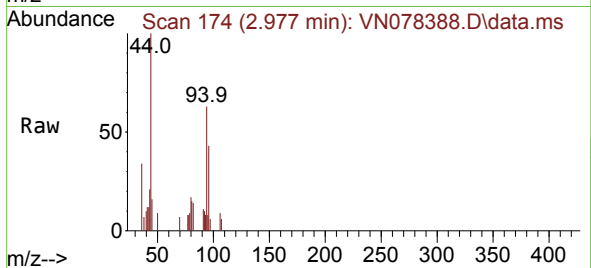




#5
Bromomethane
Concen: 0.666 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN078388.D
Acq: 24 Jun 2023 12:15

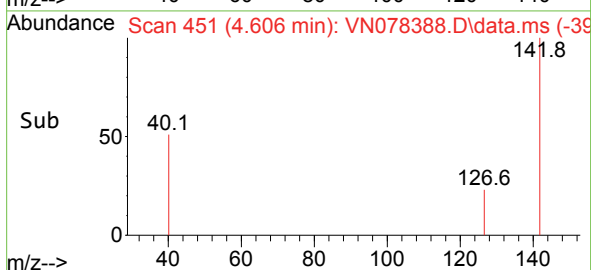
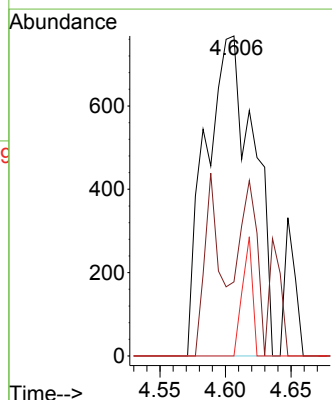
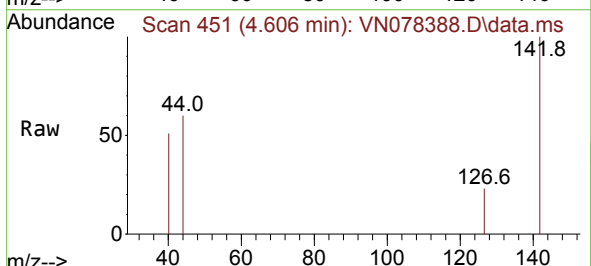
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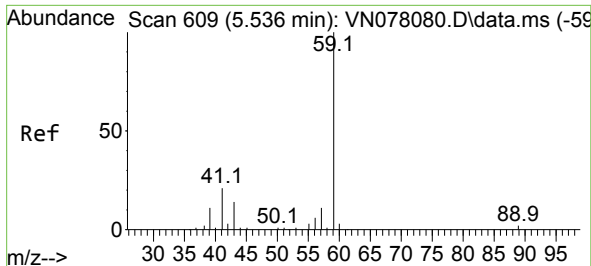
Tgt Ion: 94 Resp: 3231
Ion Ratio Lower Upper
94 100
96 59.3 73.1 109.7#



#10
Methyl Iodide
Concen: 0.301 ug/l
RT: 4.606 min Scan# 451
Delta R.T. 0.012 min
Lab File: VN078388.D
Acq: 24 Jun 2023 12:15

Tgt Ion:142 Resp: 1957
Ion Ratio Lower Upper
142 100
127 23.2 37.6 56.4#
141 0.0 11.4 17.0#

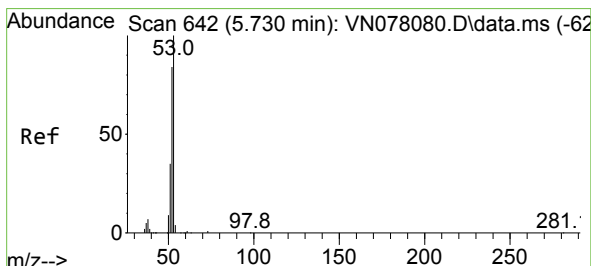
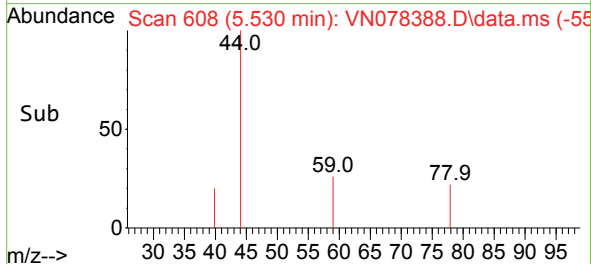
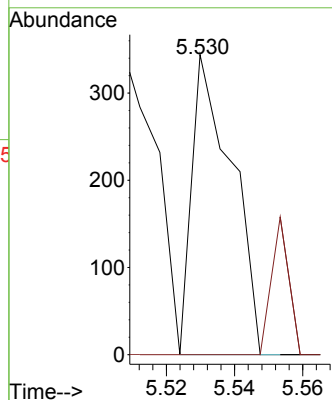
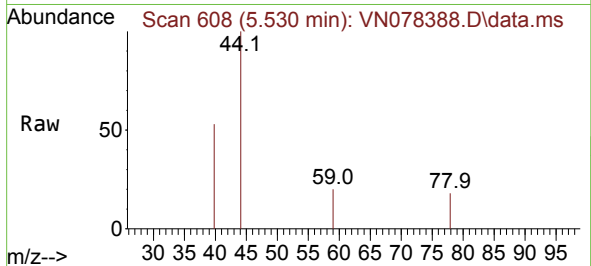




#11
Tert butyl alcohol
Concen: 0.349 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN078388.D
Acq: 24 Jun 2023 12:15

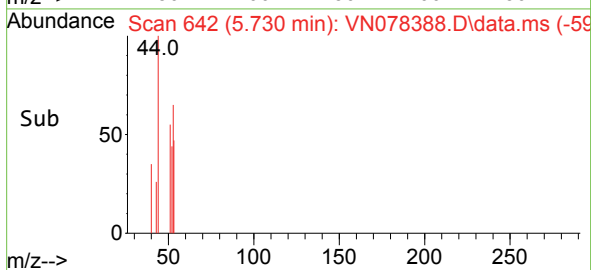
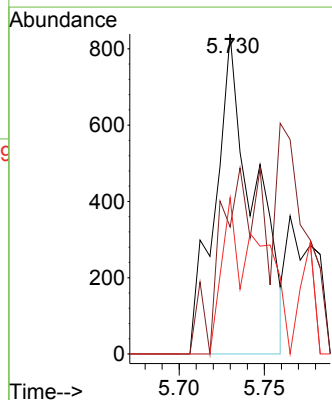
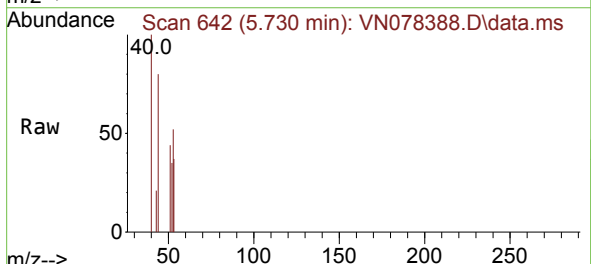
Instrument :
MSVOA_N
ClientSampleId :
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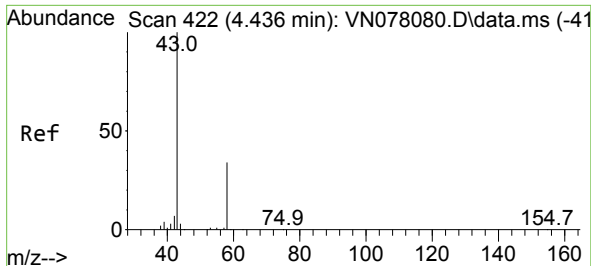
Tgt Ion: 59 Resp: 279
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#15
Acrylonitrile
Concen: 0.652 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.000 min
Lab File: VN078388.D
Acq: 24 Jun 2023 12:15

Tgt Ion: 53 Resp: 1343
Ion Ratio Lower Upper
53 100
52 45.0 65.3 97.9#
51 20.6 28.9 43.3#

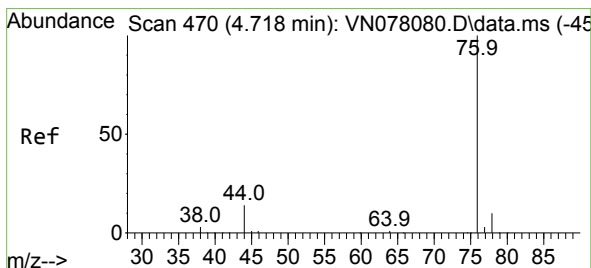
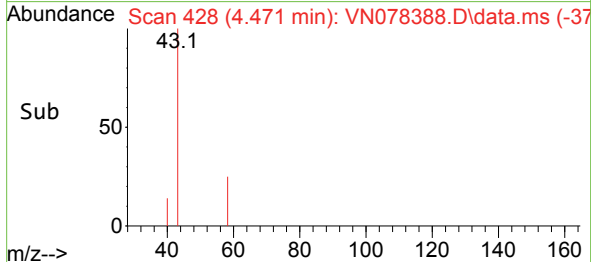
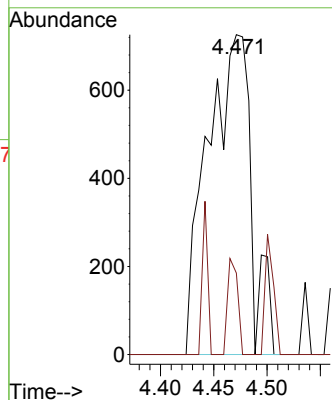
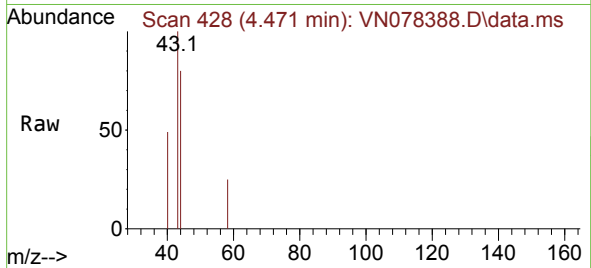




#16
Acetone
Concen: 1.246 ug/l
RT: 4.471 min Scan# 41
Delta R.T. 0.035 min
Lab File: VN078388.D
Acq: 24 Jun 2023 12:15

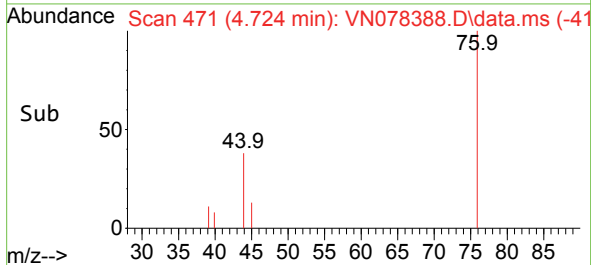
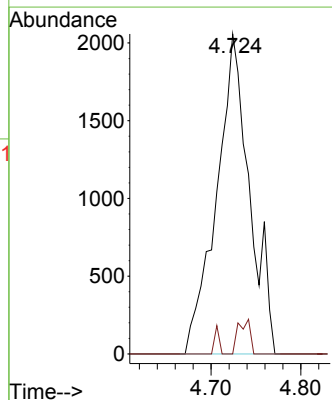
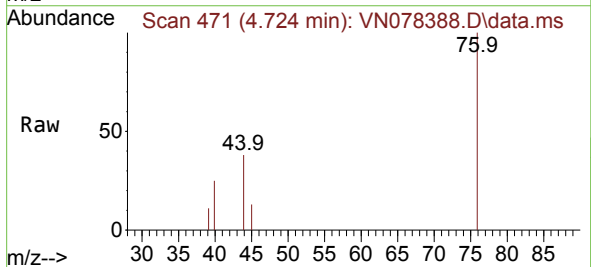
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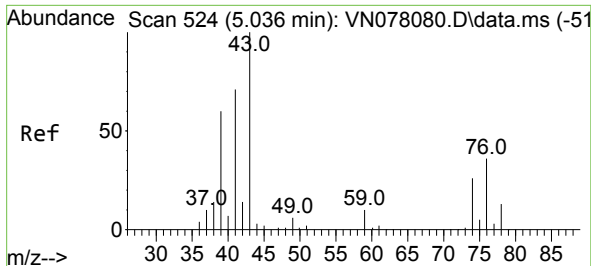
Tgt Ion: 43 Resp: 2074
Ion Ratio Lower Upper
43 100
58 25.5 28.0 42.0#



#17
Carbon Disulfide
Concen: 0.430 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.006 min
Lab File: VN078388.D
Acq: 24 Jun 2023 12:15

Tgt Ion: 76 Resp: 5247
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#

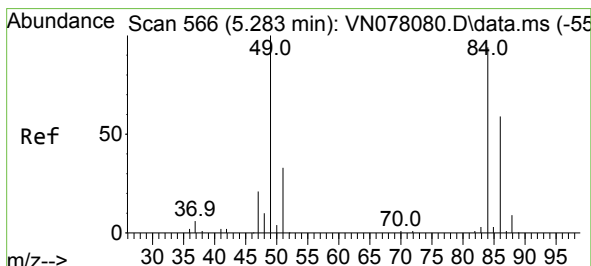
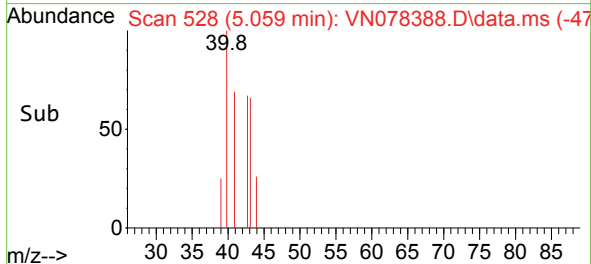
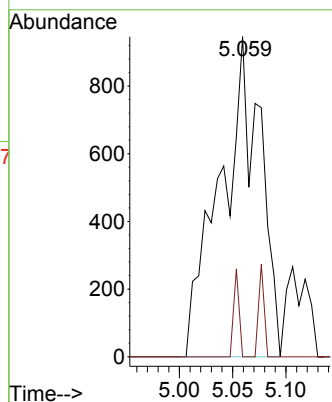
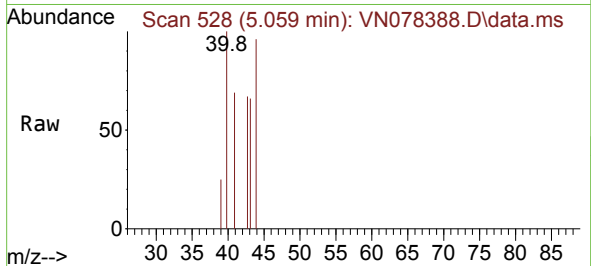




#18
Methyl Acetate
Concen: 0.323 ug/l
RT: 5.059 min Scan# 51
Delta R.T. 0.024 min
Lab File: VN078388.D
Acq: 24 Jun 2023 12:15

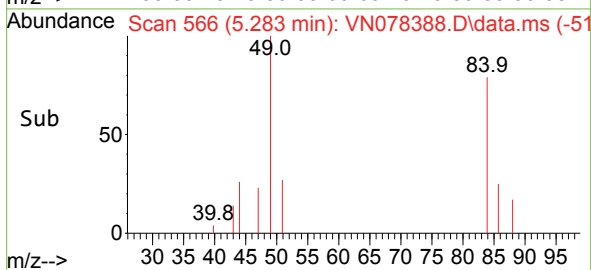
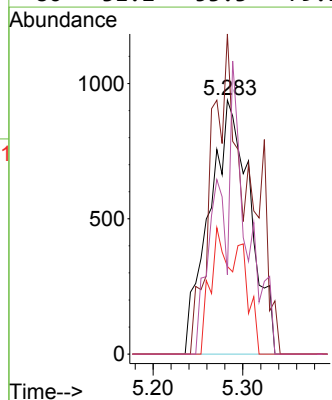
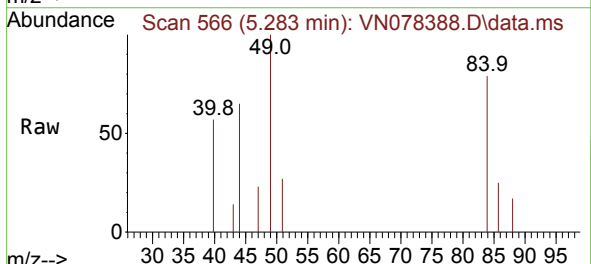
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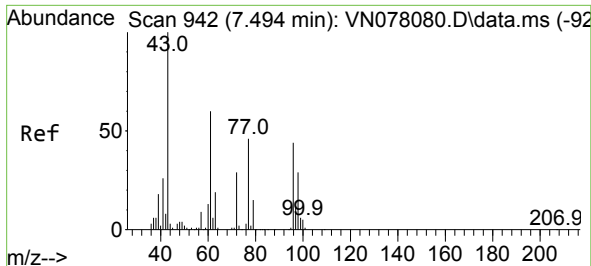
Tgt Ion: 43 Resp: 2472
Ion Ratio Lower Upper
43 100
74 3.7 26.2 39.4#



#20
Methylene Chloride
Concen: 0.541 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.000 min
Lab File: VN078388.D
Acq: 24 Jun 2023 12:15

Tgt Ion: 84 Resp: 2976
Ion Ratio Lower Upper
84 100
49 126.1 79.7 119.5#
51 34.5 25.2 37.8
86 31.2 53.3 79.9#

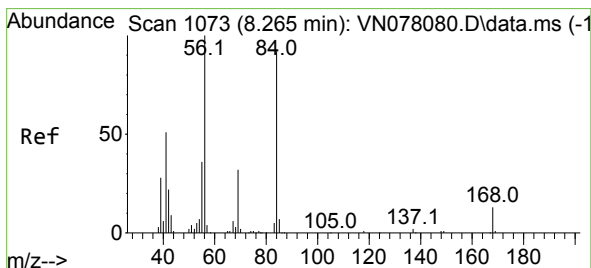
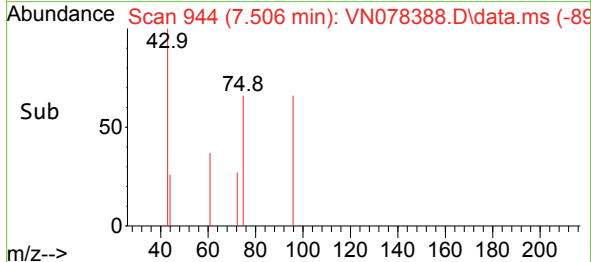
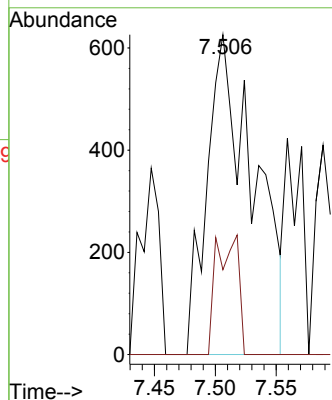
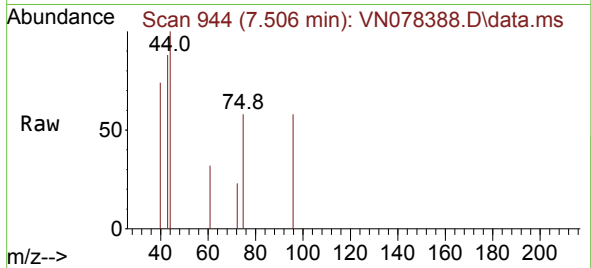




#25
2-Butanone
Concen: 0.655 ug/l
RT: 7.506 min Scan# 94
Delta R.T. 0.012 min
Lab File: VN078388.D
Acq: 24 Jun 2023 12:15

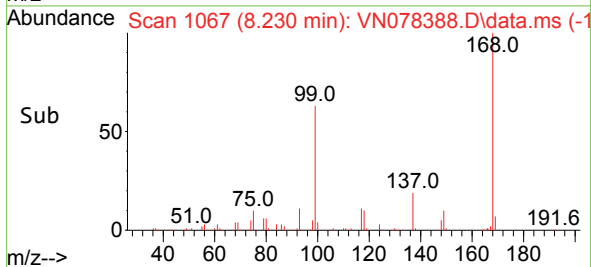
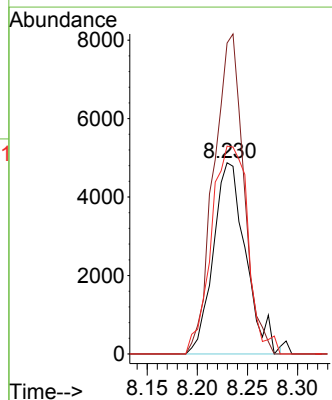
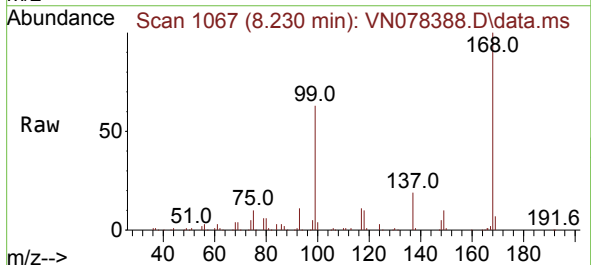
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBL01

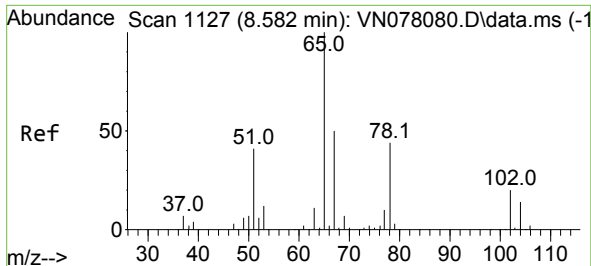
Tgt Ion: 43 Resp: 1676
Ion Ratio Lower Upper
43 100
72 26.5 30.2 45.2#



#31
Cyclohexane
Concen: 1.471 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN078388.D
Acq: 24 Jun 2023 12:15

Tgt Ion: 56 Resp: 10912
Ion Ratio Lower Upper
56 100
69 162.5 26.8 40.2#
84 108.7 81.8 122.6





#33

1,2-Dichloroethane-d4

Concen: 51.224 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN078388.D

Acq: 24 Jun 2023 12:15

Instrument :

MSVOA_N

ClientSampleId :

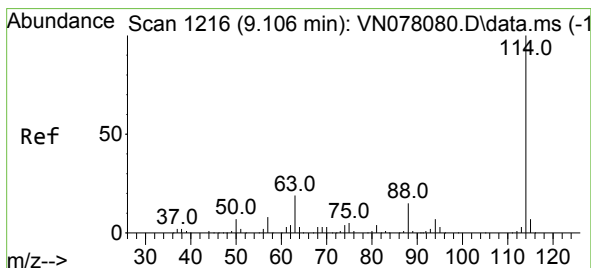
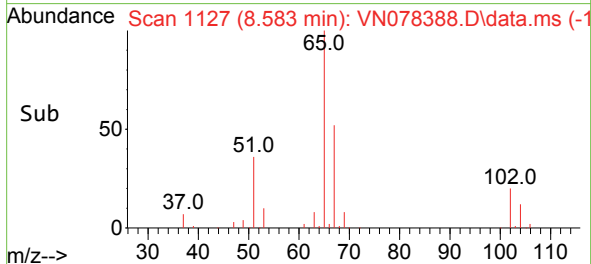
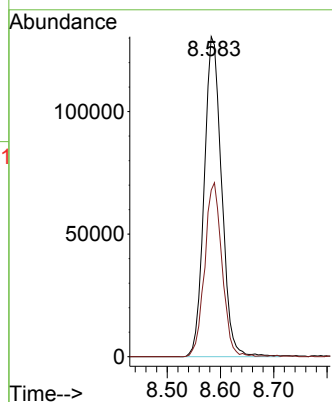
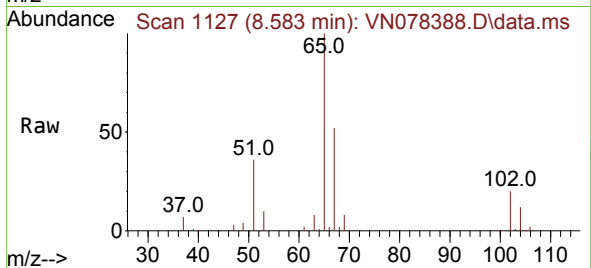
VN0624WBL01

Tgt Ion: 65 Resp: 296213

Ion Ratio Lower Upper

65 100

67 54.0 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: VN078388.D

Acq: 24 Jun 2023 12:15

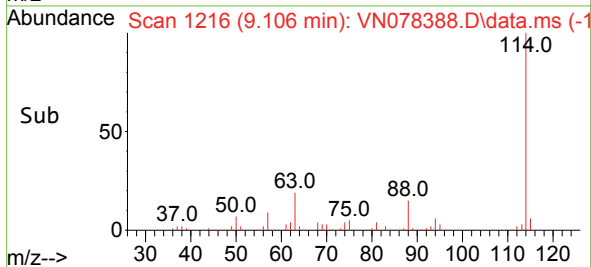
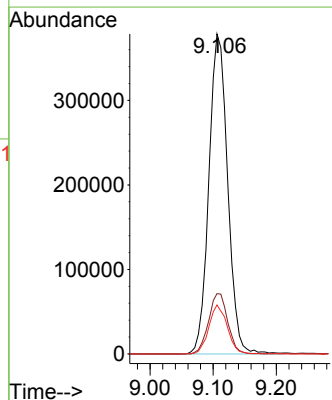
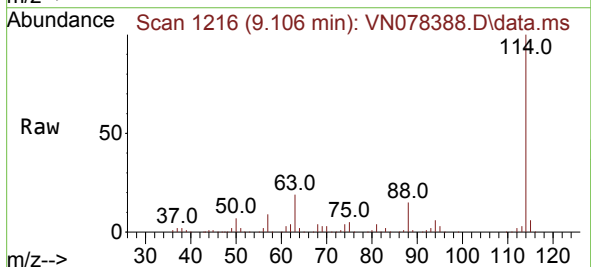
Tgt Ion: 114 Resp: 782059

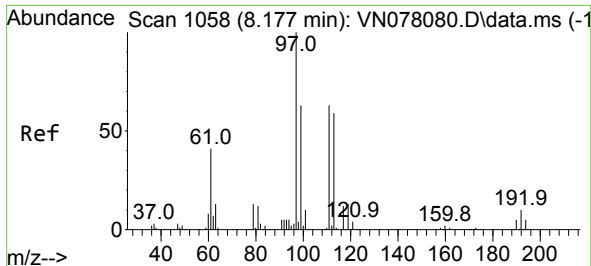
Ion Ratio Lower Upper

114 100

63 18.8 0.0 36.4

88 15.3 0.0 30.6

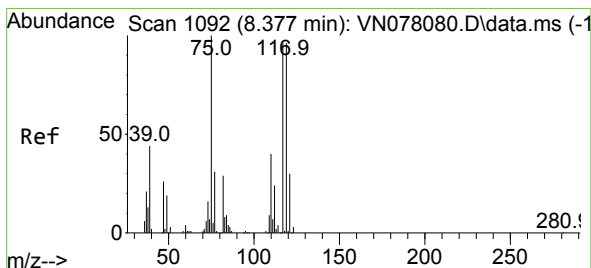
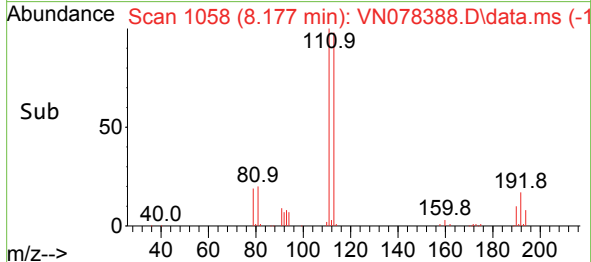
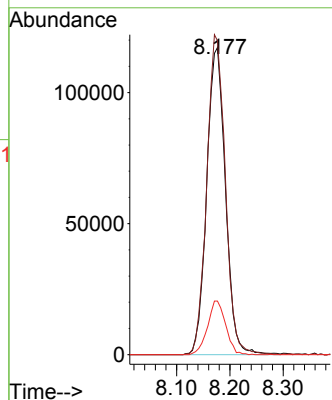
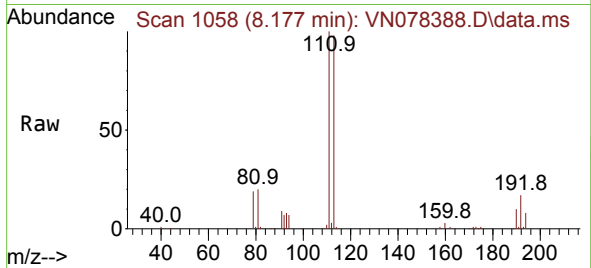




#35
Dibromofluoromethane
Concen: 57.925 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078388.D
Acq: 24 Jun 2023 12:15

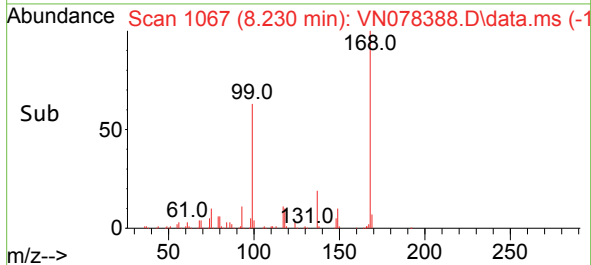
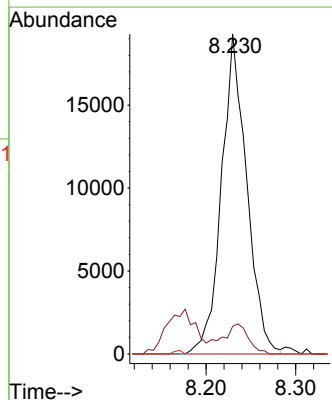
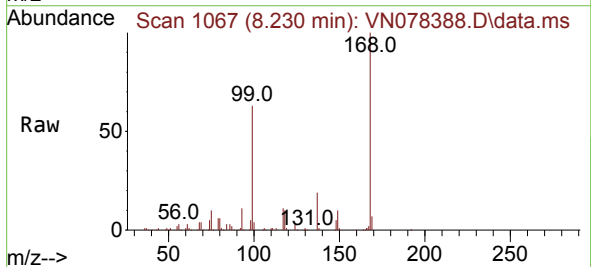
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBL01

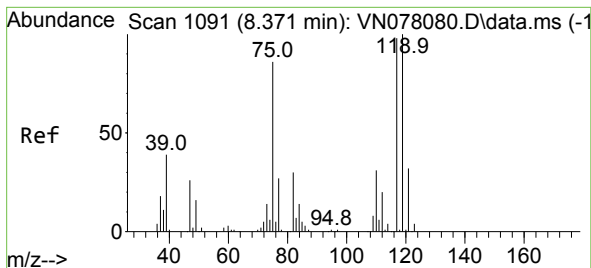
Tgt Ion:113 Resp: 286429
Ion Ratio Lower Upper
113 100
111 103.0 82.6 123.8
192 17.0 12.7 19.1



#36
1,1-Dichloropropene
Concen: 5.298 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN078388.D
Acq: 24 Jun 2023 12:15

Tgt Ion: 75 Resp: 37578
Ion Ratio Lower Upper
75 100
110 8.3 19.1 57.3#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 6.520 ug/l

RT: 8.236 min Scan# 1

Delta R.T. -0.135 min

Lab File: VN078388.D

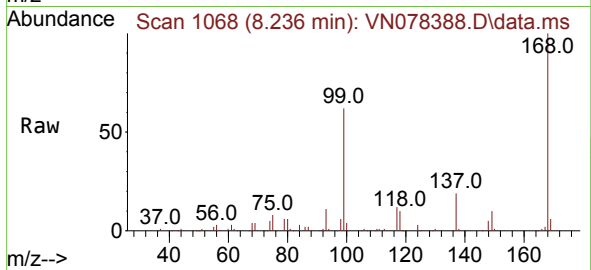
Acq: 24 Jun 2023 12:15

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBL01



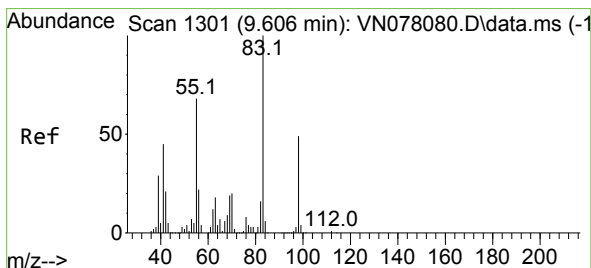
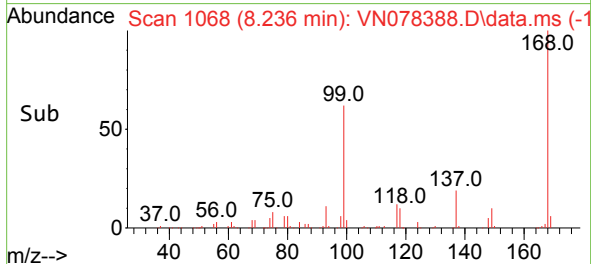
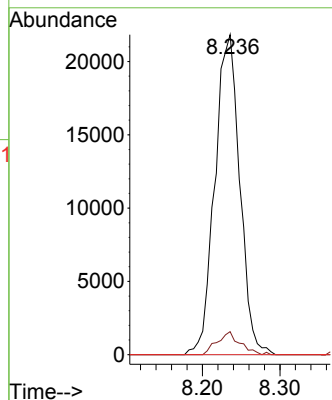
Tgt Ion:117 Resp: 48834

Ion Ratio Lower Upper

117 100

119 7.2 77.3 115.9#

121 0.0 23.3 34.9#



#39

Methylcyclohexane

Concen: 0.260 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.006 min

Lab File: VN078388.D

Acq: 24 Jun 2023 12:15

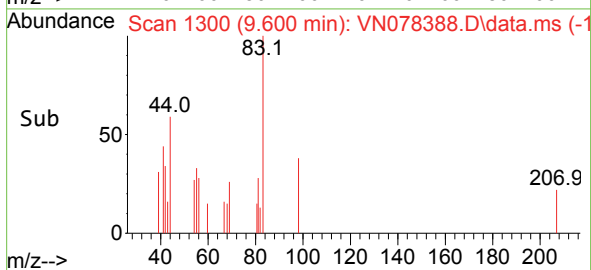
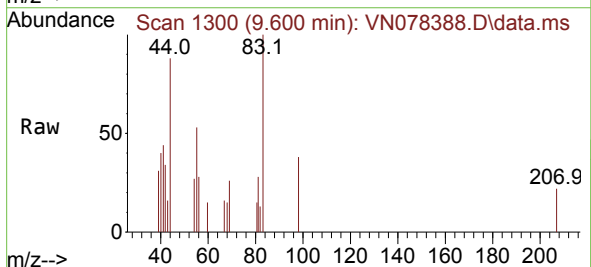
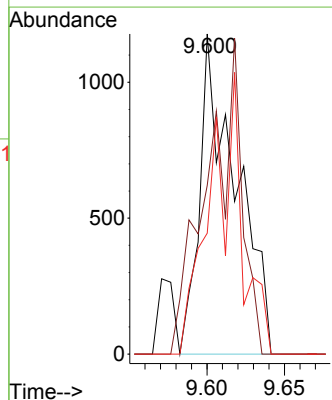
Tgt Ion: 83 Resp: 1912

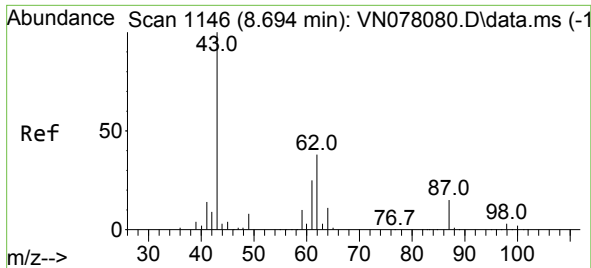
Ion Ratio Lower Upper

83 100

55 52.7 49.1 73.7

98 37.8 40.6 61.0#

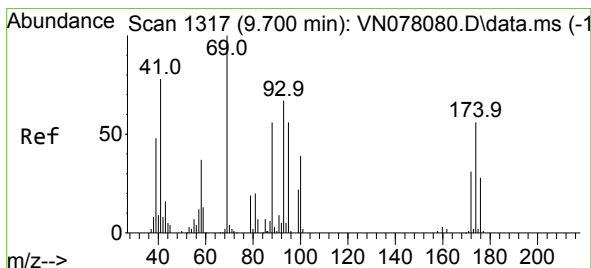
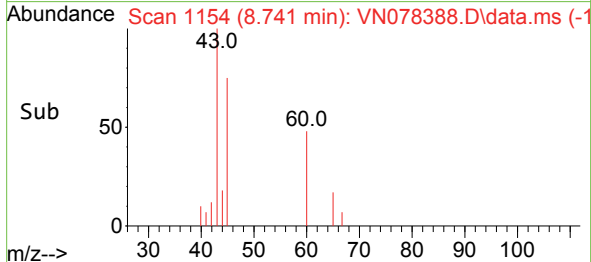
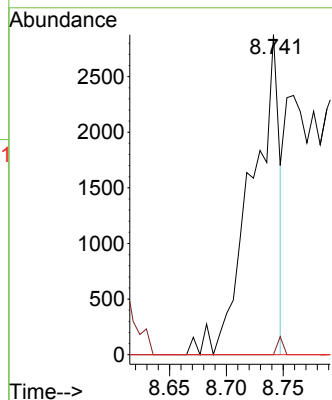
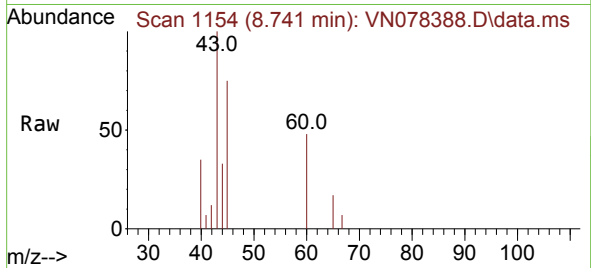




#43
Isopropyl Acetate
Concen: 0.463 ug/l
RT: 8.741 min Scan# 1154
Delta R.T. 0.047 min
Lab File: VN078388.D
Acq: 24 Jun 2023 12:15

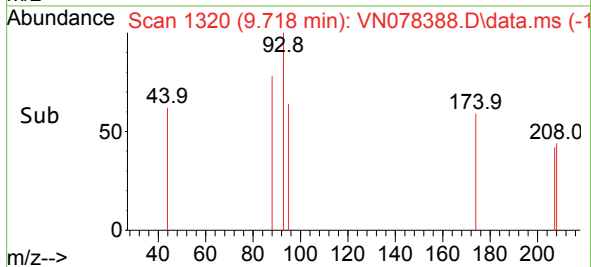
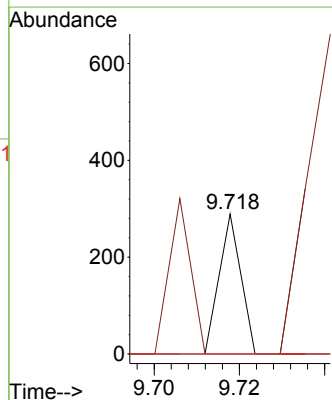
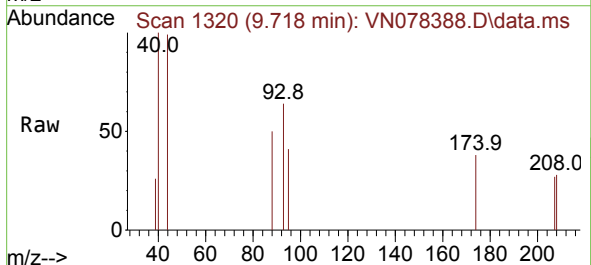
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBL01

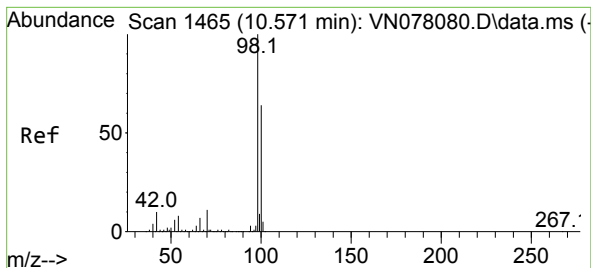
Tgt Ion: 43 Resp: 4903
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#49
1,4-Dioxane
Concen: 1.091 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. 0.018 min
Lab File: VN078388.D
Acq: 24 Jun 2023 12:15

Tgt Ion: 88 Resp: 102
Ion Ratio Lower Upper
88 100
43 110.8 17.0 25.6#
58 0.0 47.0 70.4#

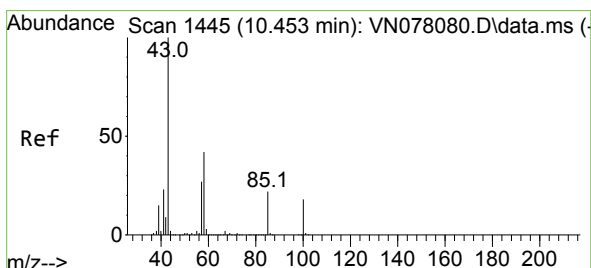
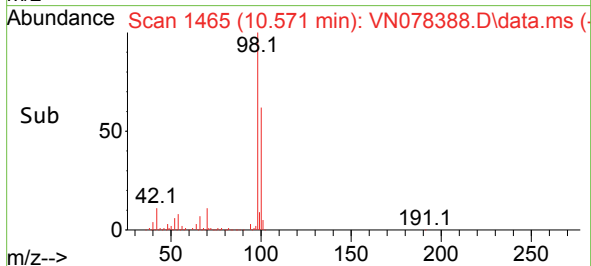
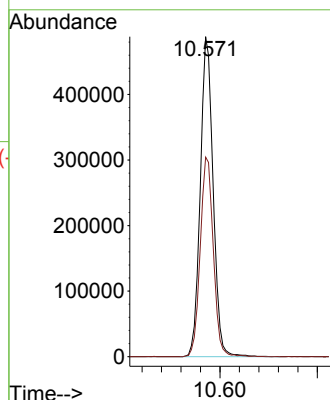
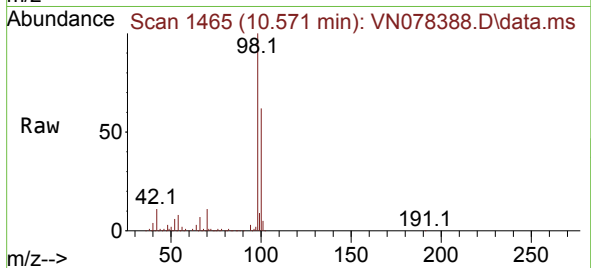




#50
Toluene-d8
Concen: 46.801 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078388.D
Acq: 24 Jun 2023 12:15

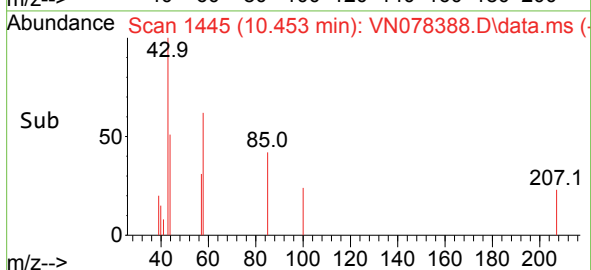
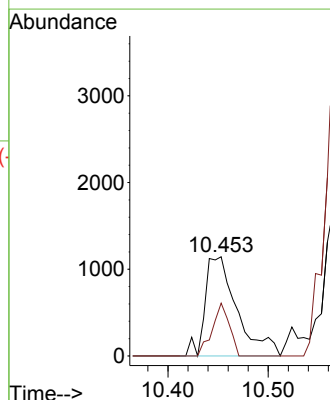
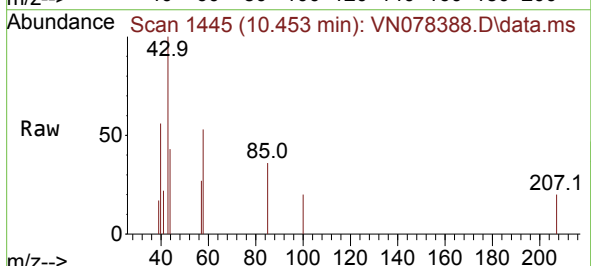
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBL01

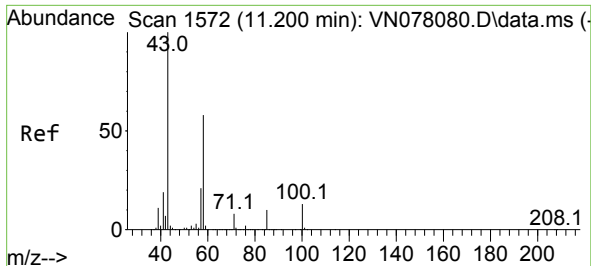
Tgt Ion: 98 Resp: 892161
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.455 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078388.D
Acq: 24 Jun 2023 12:15

Tgt Ion: 43 Resp: 2540
Ion Ratio Lower Upper
43 100
58 28.3 36.6 54.8#

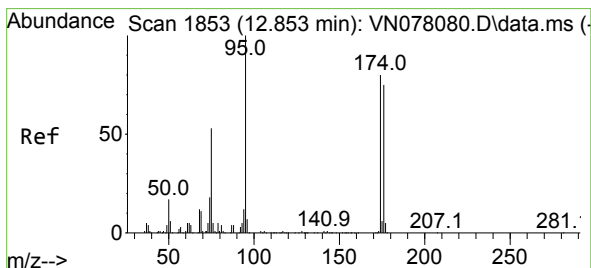
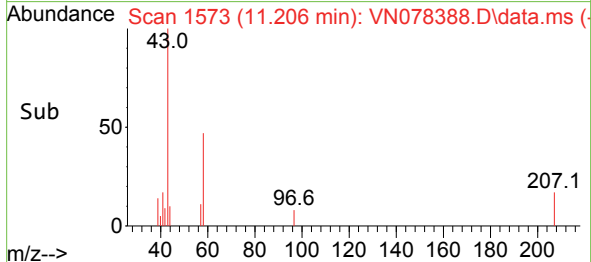
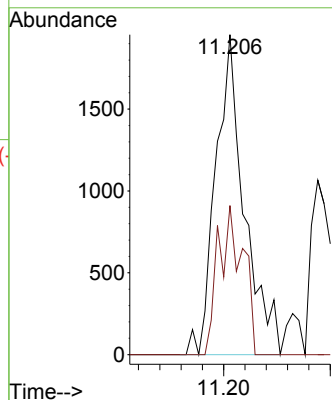
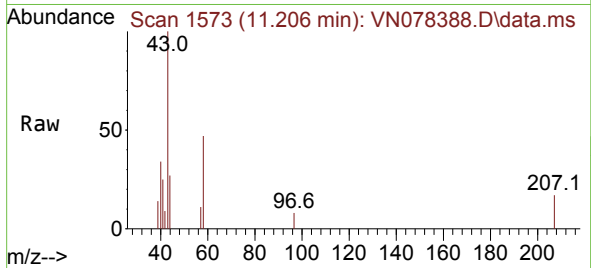




#59
2-Hexanone
Concen: 0.936 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.006 min
Lab File: VN078388.D
Acq: 24 Jun 2023 12:15

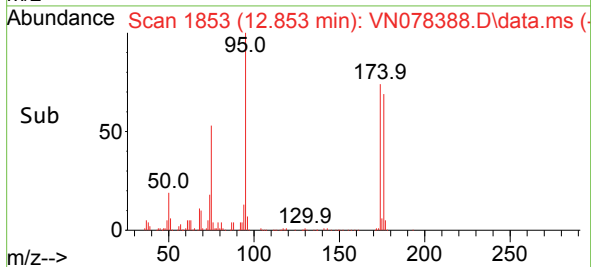
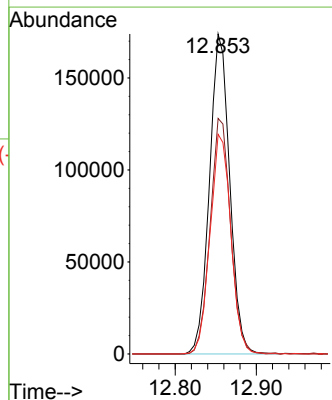
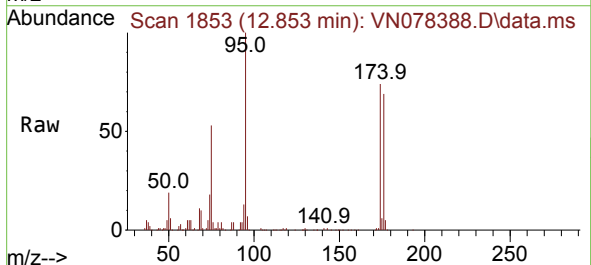
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBL01

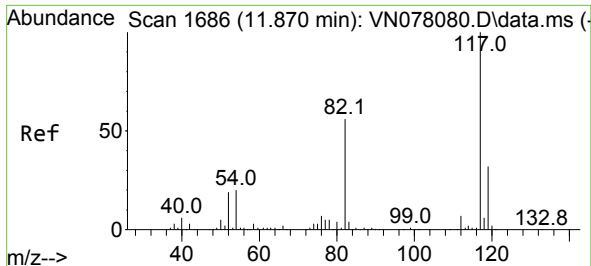
Tgt Ion: 43 Resp: 3636
Ion Ratio Lower Upper
43 100
58 40.2 31.7 95.1



#62
4-Bromofluorobenzene
Concen: 50.834 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078388.D
Acq: 24 Jun 2023 12:15

Tgt Ion: 95 Resp: 301252
Ion Ratio Lower Upper
95 100
174 74.3 0.0 143.8
176 70.5 0.0 135.8

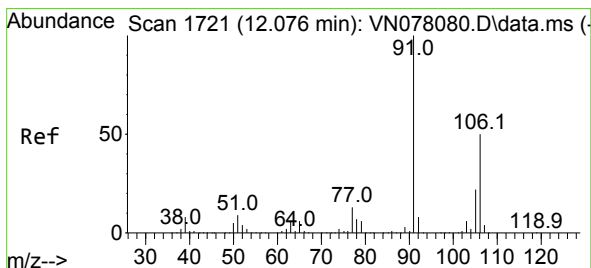
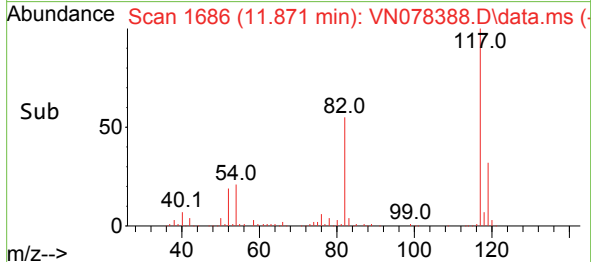
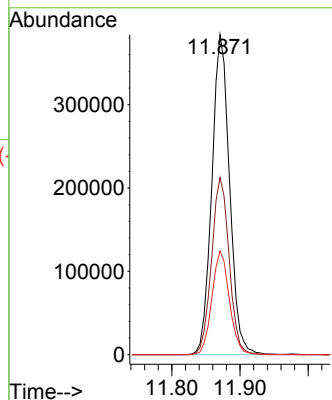
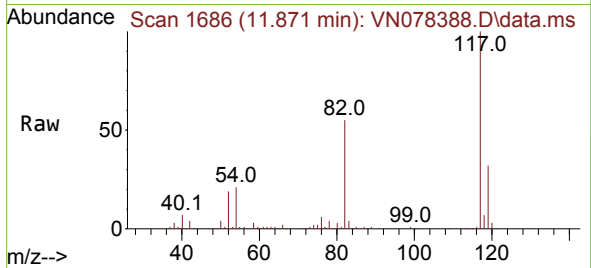




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078388.D
Acq: 24 Jun 2023 12:15

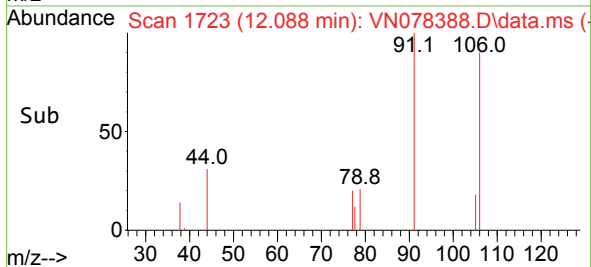
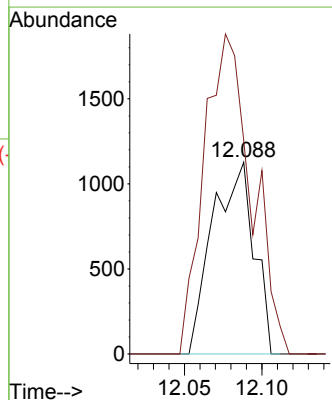
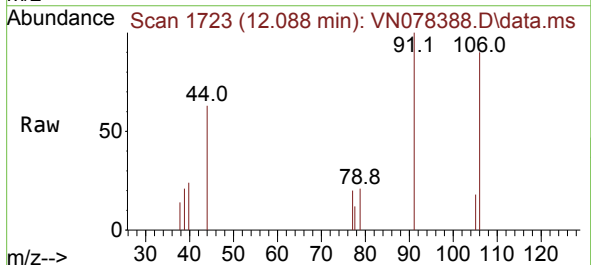
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBL01

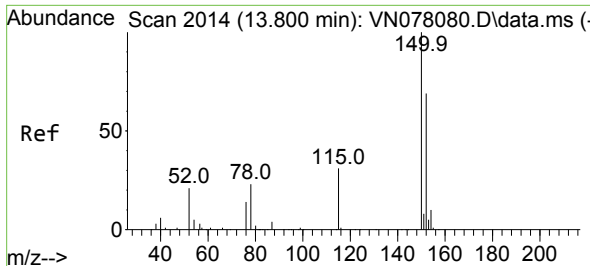
Tgt Ion:117 Resp: 694968
Ion Ratio Lower Upper
117 100
82 55.3 44.0 66.0
119 32.4 25.6 38.4



#68
m/p-Xylenes
Concen: 0.214 ug/l
RT: 12.088 min Scan# 1723
Delta R.T. 0.012 min
Lab File: VN078388.D
Acq: 24 Jun 2023 12:15

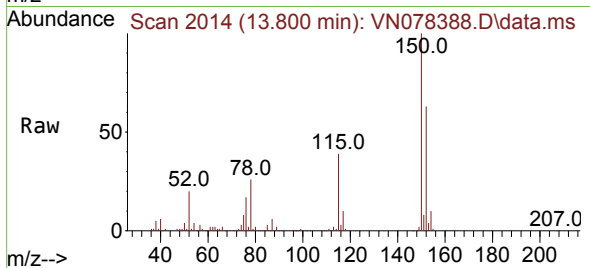
Tgt Ion:106 Resp: 2094
Ion Ratio Lower Upper
106 100
91 191.3 159.6 239.4



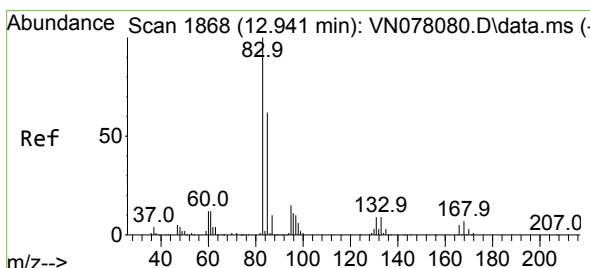
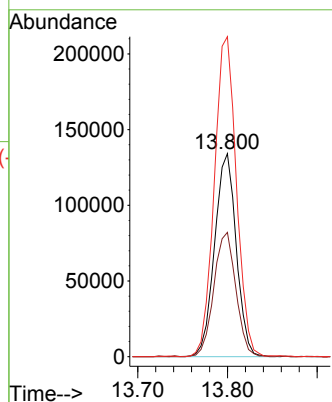
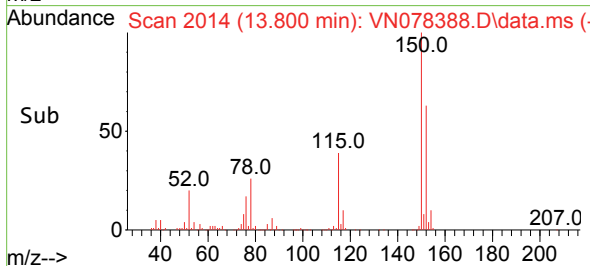


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 2014
 Delta R.T. 0.000 min
 Lab File: VN078388.D
 Acq: 24 Jun 2023 12:15

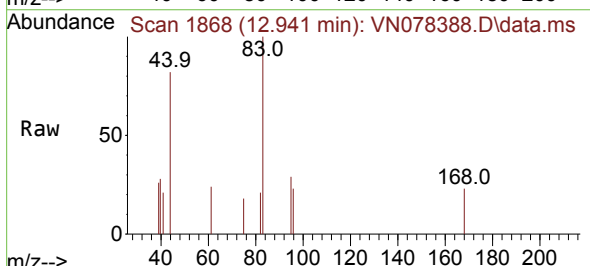
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBL01



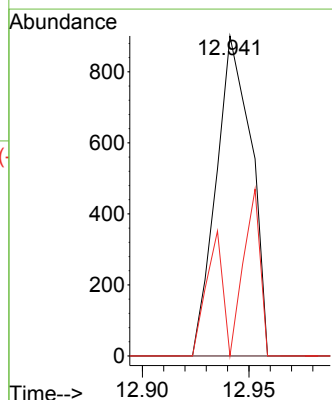
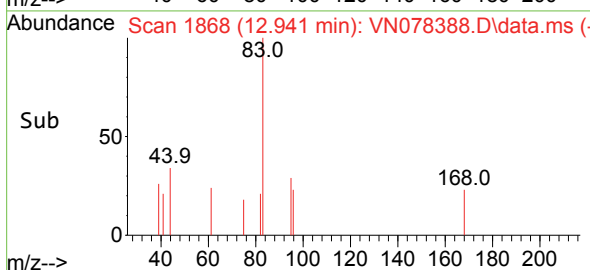
Tgt Ion:152 Resp: 224758
 Ion Ratio Lower Upper
 152 100
 115 62.3 32.3 96.8
 150 161.0 0.0 355.8

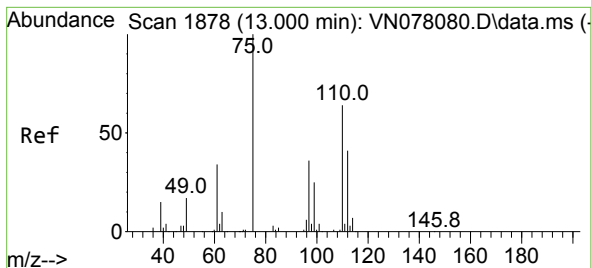


#75
 1,1,2,2-Tetrachloroethane
 Concen: Below Cal
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN078388.D
 Acq: 24 Jun 2023 12:15



Tgt Ion: 83 Resp: 1030
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.0 15.0#
 85 18.5 31.9 95.7#





#76

1,2,3-Trichloropropane

Concen: 29.504 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN078388.D

Acq: 24 Jun 2023 12:15

Instrument :

MSVOA_N

ClientSampleId :

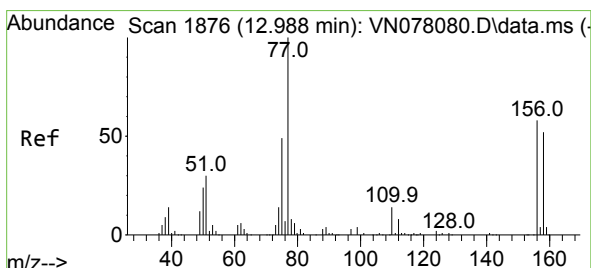
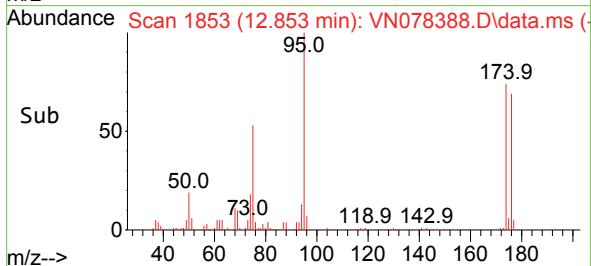
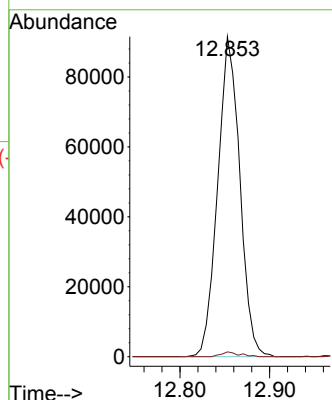
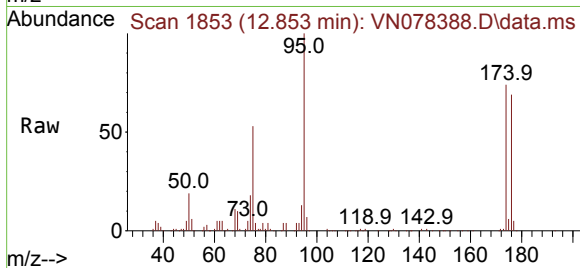
VN0624WBL01

Tgt Ion: 75 Resp: 156763

Ion Ratio Lower Upper

75 100

77 1.2 84.5 253.5#



#77

Bromobenzene

Concen: 0.225 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.006 min

Lab File: VN078388.D

Acq: 24 Jun 2023 12:15

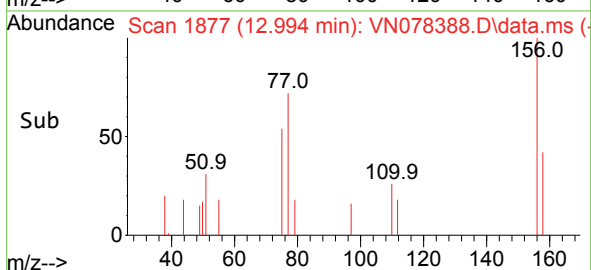
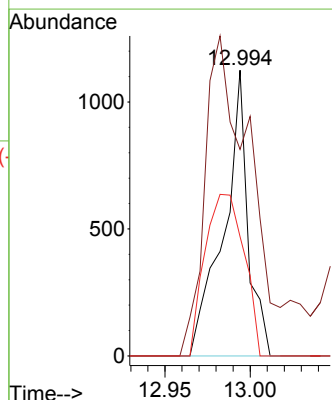
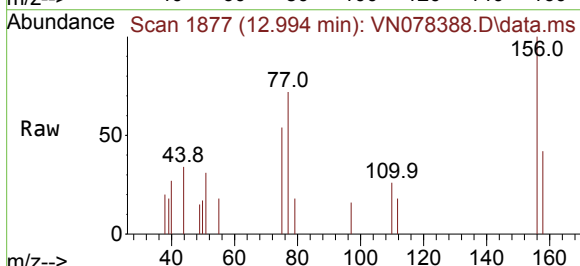
Tgt Ion:156 Resp: 1108

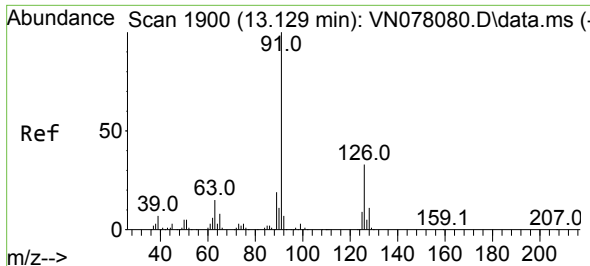
Ion Ratio Lower Upper

156 100

77 223.8 107.7 323.3

158 91.7 48.4 145.3

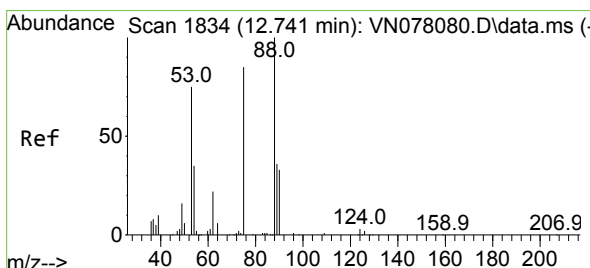
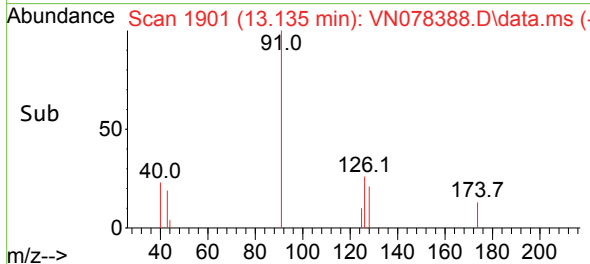
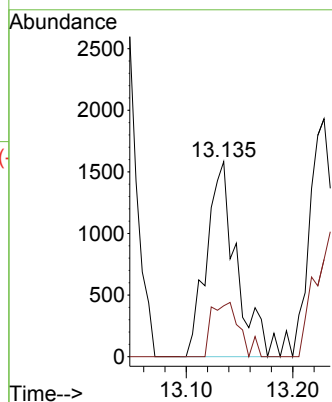
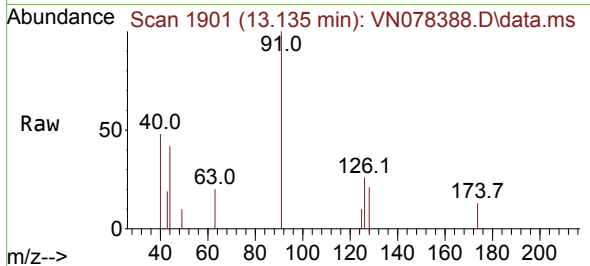




#79
2-Chlorotoluene
Concen: 0.208 ug/l
RT: 13.135 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VN078388.D
Acq: 24 Jun 2023 12:15

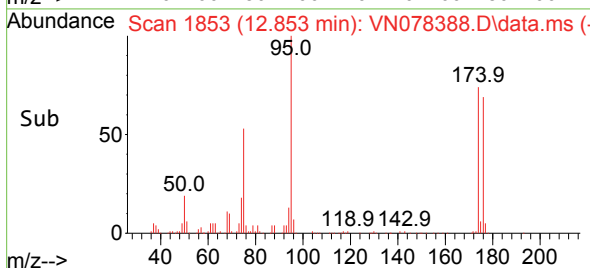
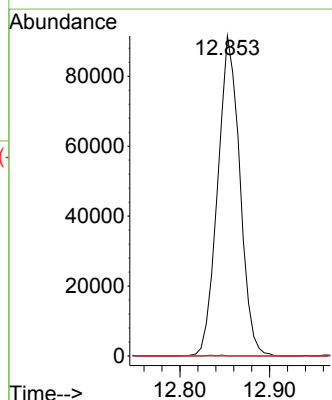
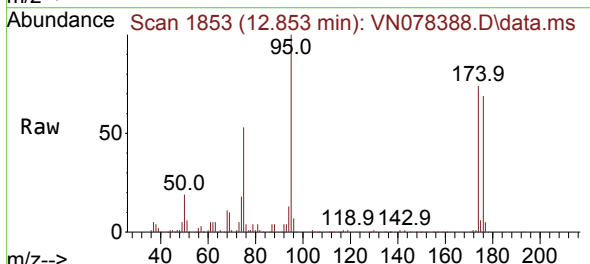
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBL01

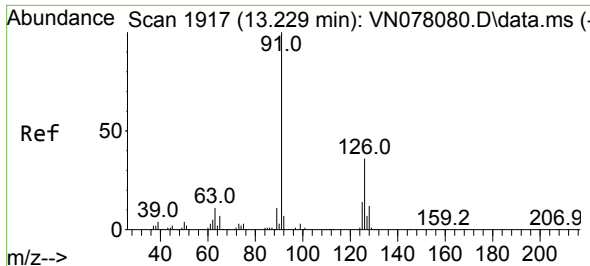
Tgt Ion: 91 Resp: 3094
Ion Ratio Lower Upper
91 100
126 26.0 16.3 48.8



#81
trans-1,4-Dichloro-2-butene
Concen: 90.644 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN078388.D
Acq: 24 Jun 2023 12:15

Tgt Ion: 75 Resp: 156763
Ion Ratio Lower Upper
75 100
53 0.1 67.4 101.2#
89 0.0 38.8 58.2#

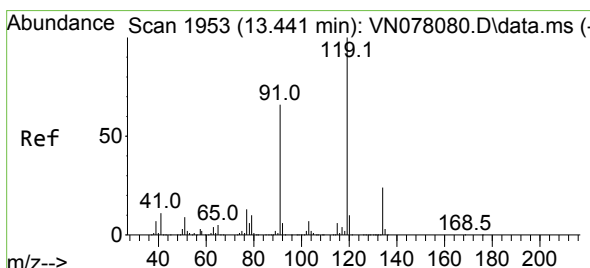
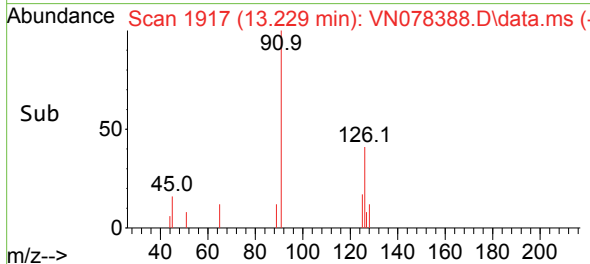
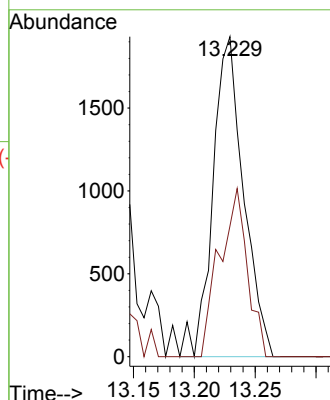
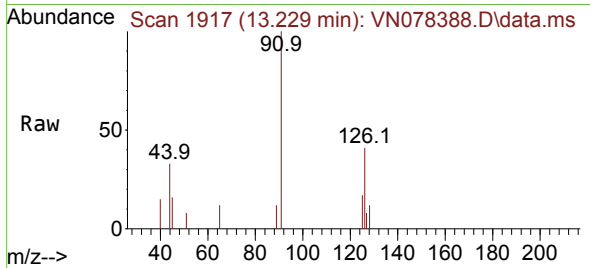




#82
4-Chlorotoluene
Concen: 0.244 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078388.D
Acq: 24 Jun 2023 12:15

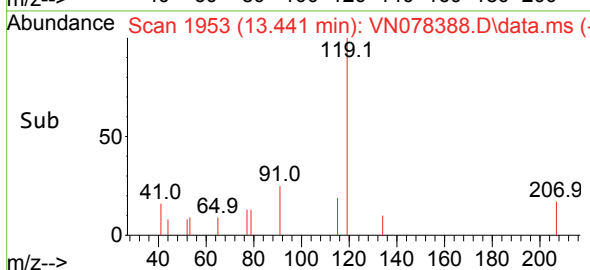
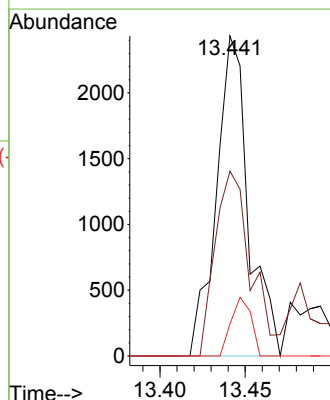
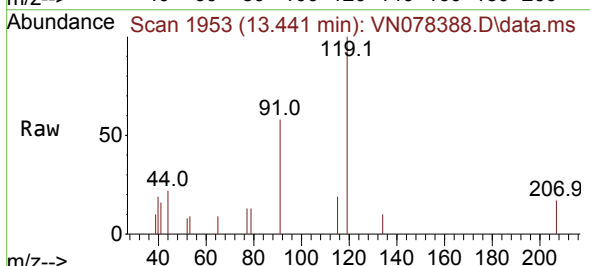
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBL01

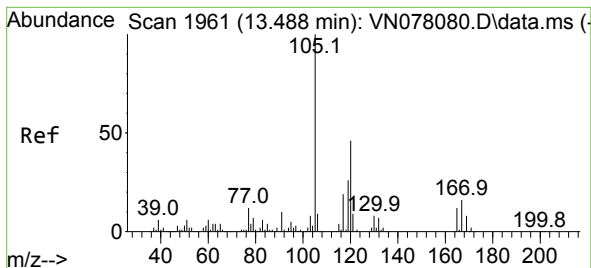
Tgt Ion: 91 Resp: 3390
Ion Ratio Lower Upper
91 100
126 47.7 16.7 50.0



#83
tert-Butylbenzene
Concen: 0.213 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078388.D
Acq: 24 Jun 2023 12:15

Tgt Ion: 119 Resp: 3193
Ion Ratio Lower Upper
119 100
91 64.5 33.9 101.7
134 11.4 13.2 39.6#





#84

1,2,4-Trimethylbenzene

Concen: 0.201 ug/l

RT: 13.482 min Scan# 1961

Delta R.T. -0.006 min

Lab File: VN078388.D

Acq: 24 Jun 2023 12:15

Instrument :

MSVOA_N

ClientSampleId :

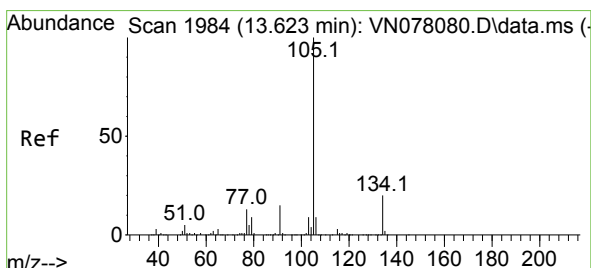
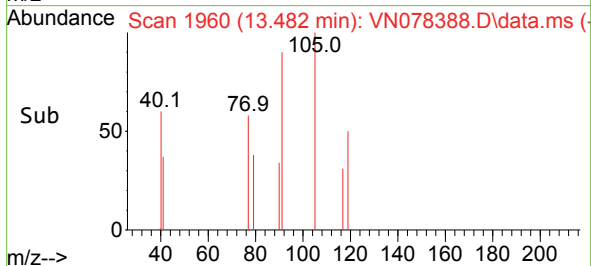
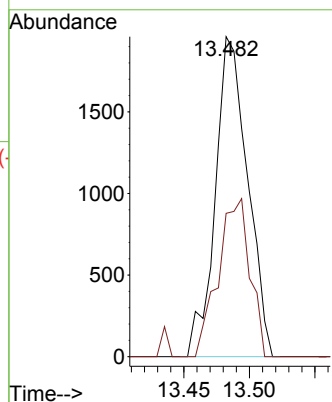
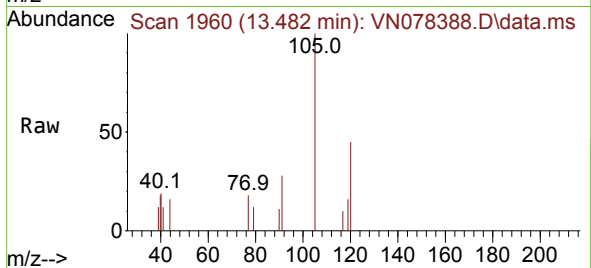
VN0624WBL01

Tgt Ion:105 Resp: 3358

Ion Ratio Lower Upper

105 100

120 48.6 22.0 66.0



#85

sec-Butylbenzene

Concen: 0.385 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN078388.D

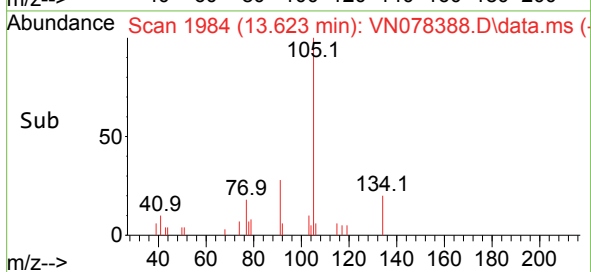
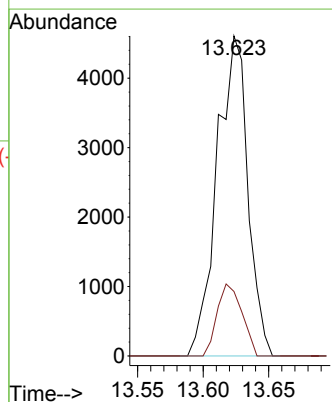
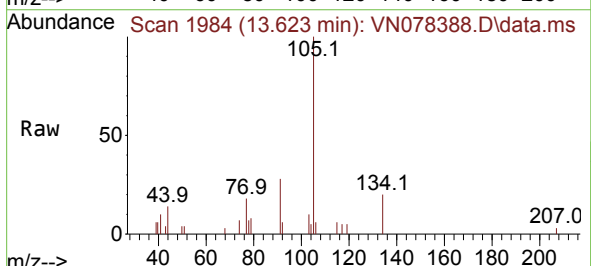
Acq: 24 Jun 2023 12:15

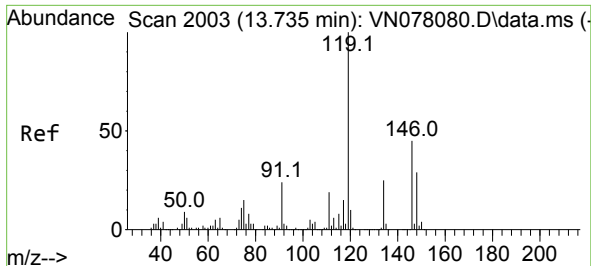
Tgt Ion:105 Resp: 7531

Ion Ratio Lower Upper

105 100

134 18.1 9.8 29.3

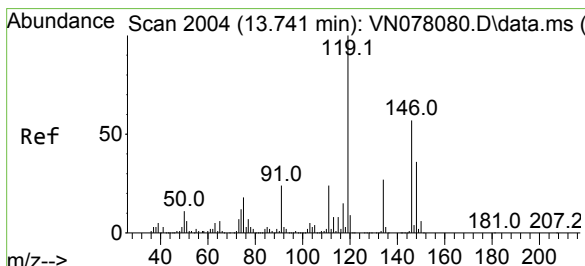
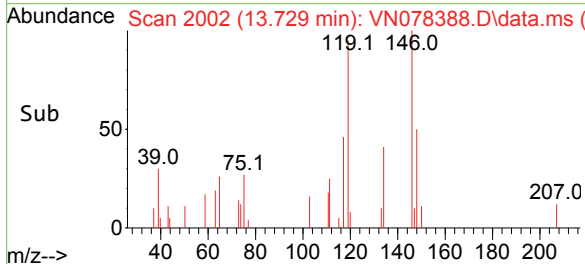
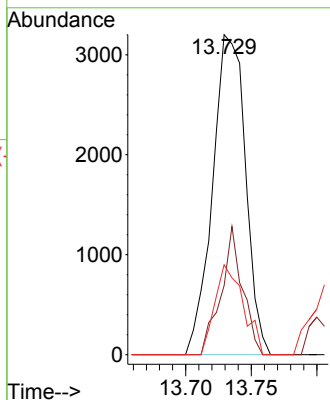
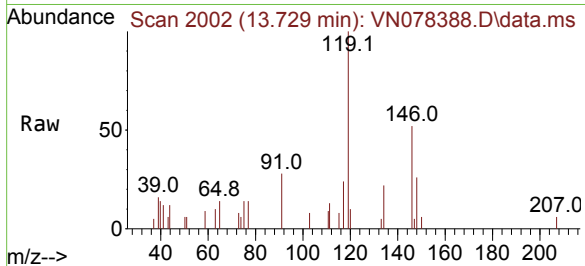




#86
p-Isopropyltoluene
Concen: 0.351 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.006 min
Lab File: VN078388.D
Acq: 24 Jun 2023 12:15

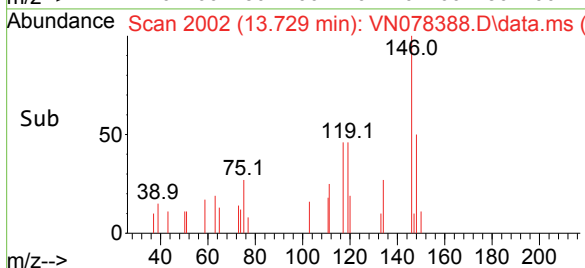
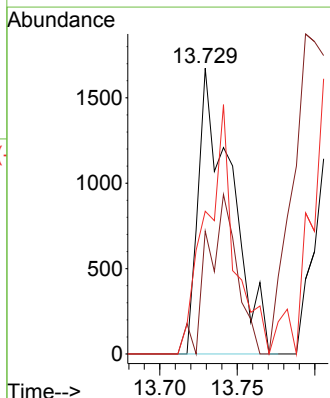
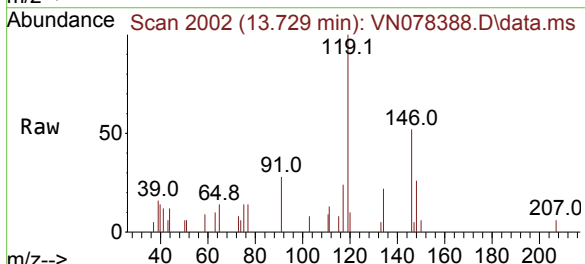
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBL01

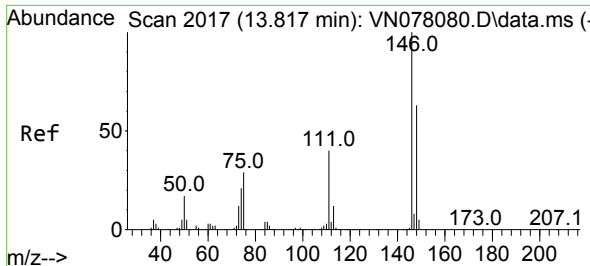
Tgt Ion:119	Resp:	5581
Ion	Ratio	Lower Upper
119	100	
134	26.1	12.6 37.8
91	24.2	12.4 37.2



#87
1,3-Dichlorobenzene
Concen: 0.296 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.012 min
Lab File: VN078388.D
Acq: 24 Jun 2023 12:15

Tgt Ion:146	Resp:	2472
Ion	Ratio	Lower Upper
146	100	
111	50.0	22.1 66.3
148	75.7	32.0 96.0

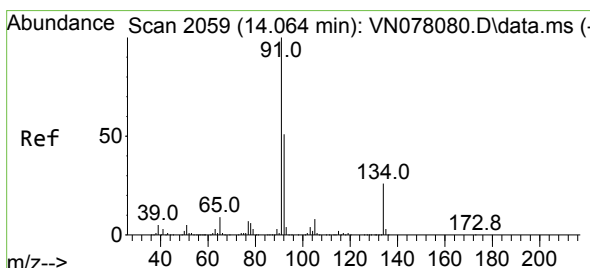
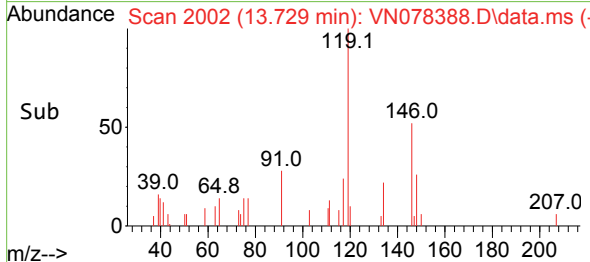
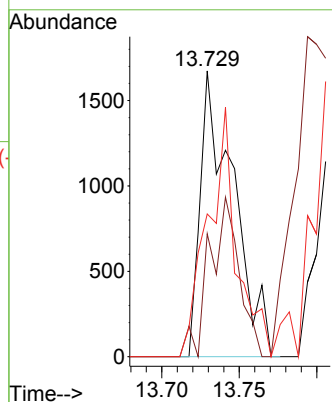
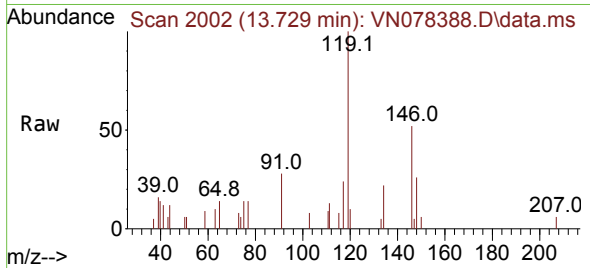




#88
1,4-Dichlorobenzene
Concen: 0.307 ug/l
RT: 13.729 min Scan# 2017
Delta R.T. -0.088 min
Lab File: VN078388.D
Acq: 24 Jun 2023 12:15

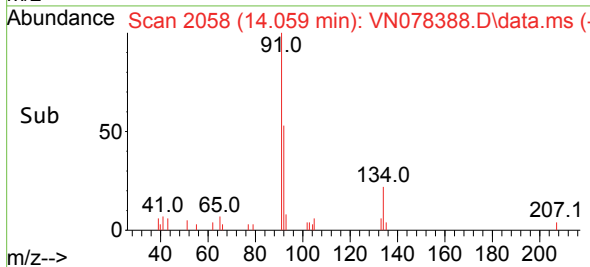
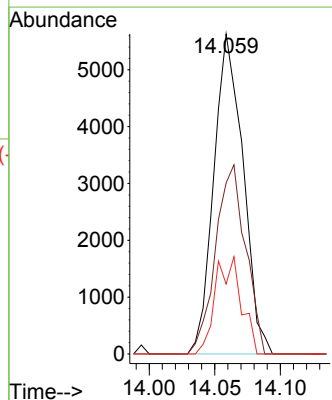
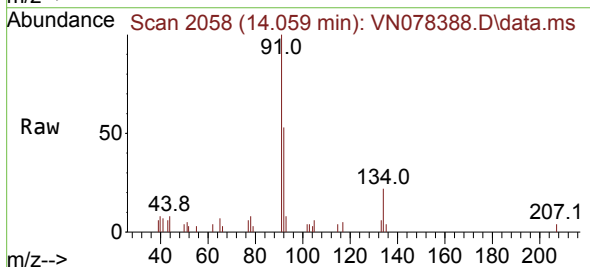
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBL01

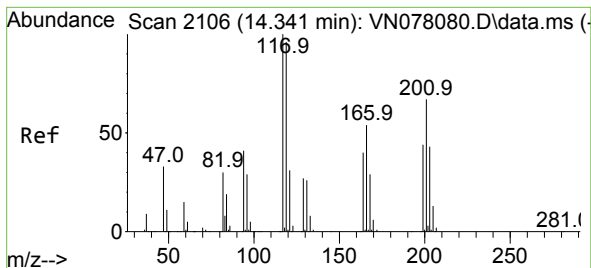
Tgt Ion:146 Resp: 2472
Ion Ratio Lower Upper
146 100
111 50.0 20.6 61.8
148 75.7 31.6 94.8



#89
n-Butylbenzene
Concen: 0.696 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VN078388.D
Acq: 24 Jun 2023 12:15

Tgt Ion: 91 Resp: 8722
Ion Ratio Lower Upper
91 100
92 60.7 26.4 79.0
134 26.9 12.6 37.6





#90

Hexachloroethane

Concen: 0.379 ug/l

RT: 14.347 min Scan# 2106

Delta R.T. 0.006 min

Lab File: VN078388.D

Acq: 24 Jun 2023 12:15

Instrument :

MSVOA_N

ClientSampleId :

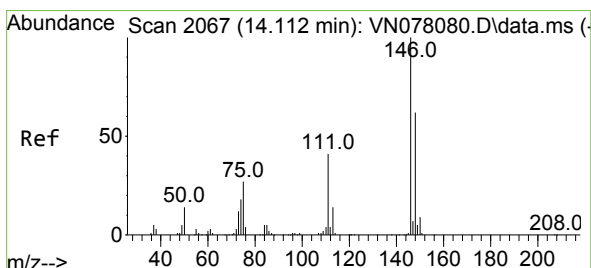
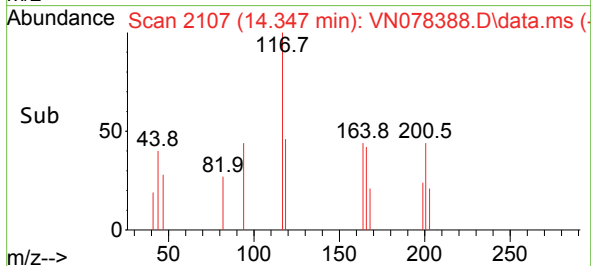
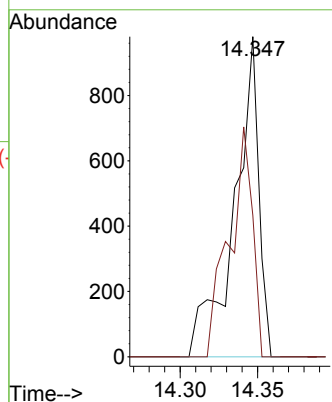
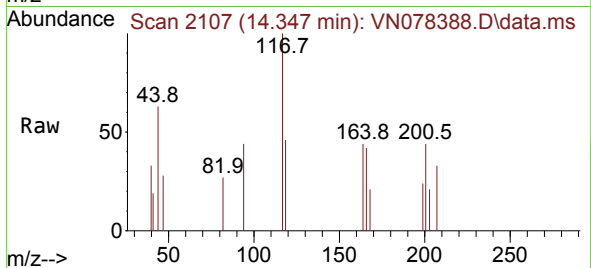
VN0624WBL01

Tgt Ion:117 Resp: 1069

Ion Ratio Lower Upper

117 100

201 68.6 29.3 88.0



#91

1,2-Dichlorobenzene

Concen: 0.405 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.006 min

Lab File: VN078388.D

Acq: 24 Jun 2023 12:15

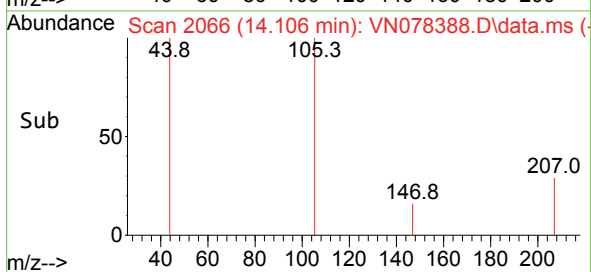
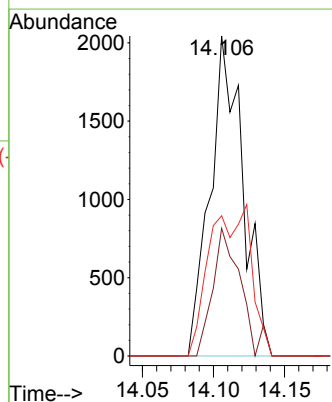
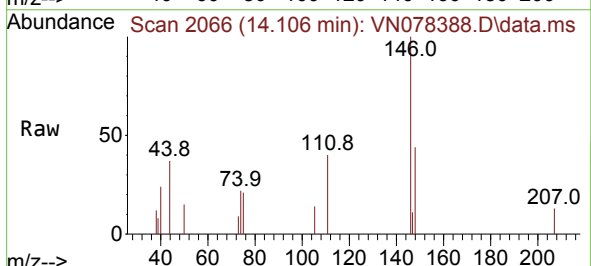
Tgt Ion:146 Resp: 3300

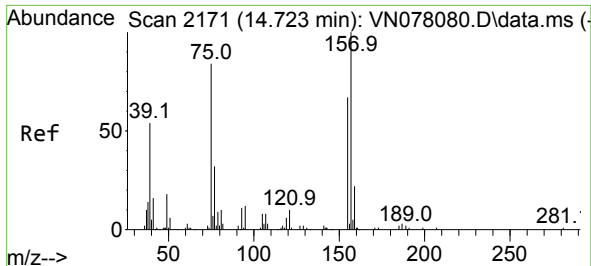
Ion Ratio Lower Upper

146 100

111 34.0 22.0 66.0

148 59.2 31.8 95.3

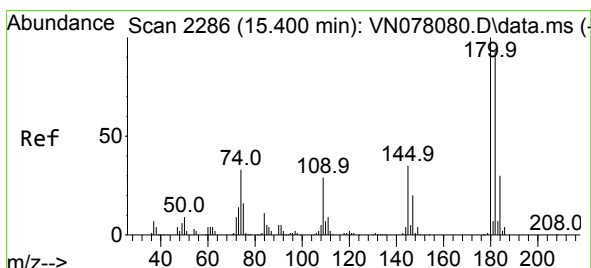
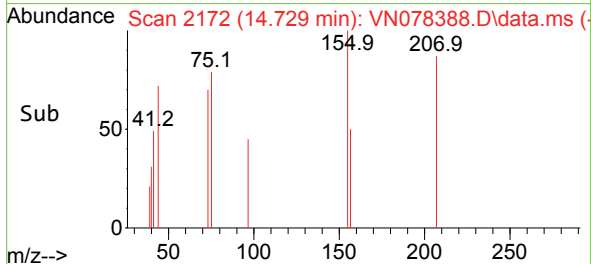
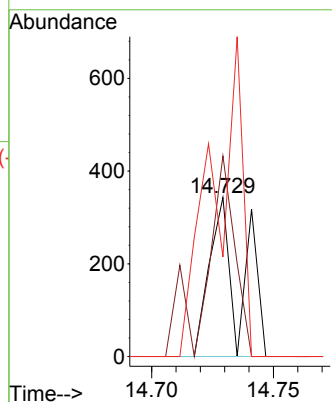
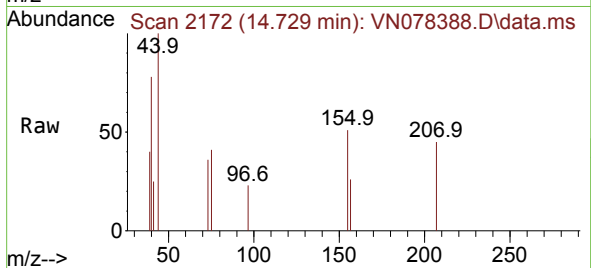




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.287 ug/l
RT: 14.729 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN078388.D
Acq: 24 Jun 2023 12:15

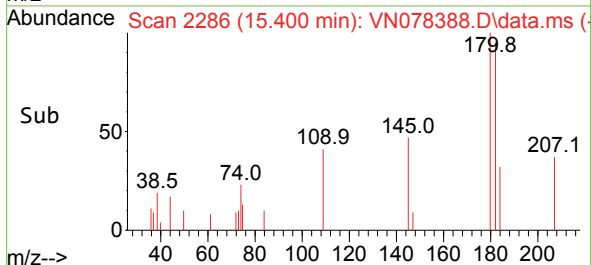
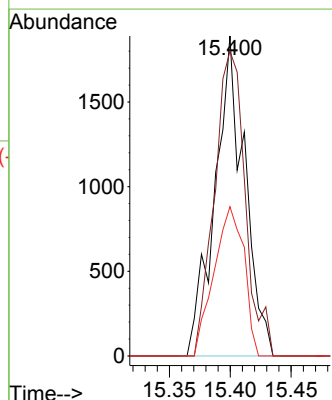
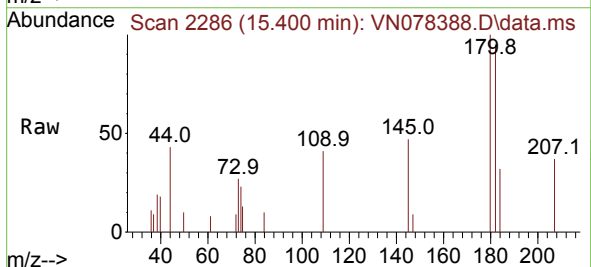
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBL01

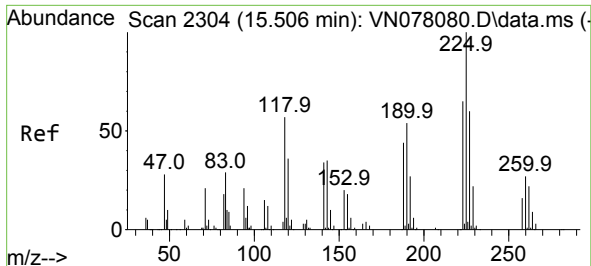
Tgt Ion: 75 Resp: 302
Ion Ratio Lower Upper
75 100
155 118.2 39.1 117.2#
157 189.4 50.3 150.9#



#93
1,2,4-Trichlorobenzene
Concen: 1.107 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. 0.000 min
Lab File: VN078388.D
Acq: 24 Jun 2023 12:15

Tgt Ion: 180 Resp: 3218
Ion Ratio Lower Upper
180 100
182 98.4 46.1 138.2
145 46.9 16.6 49.8

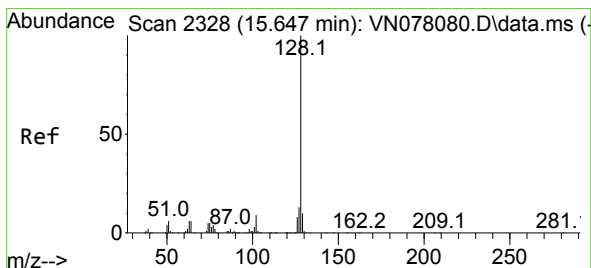
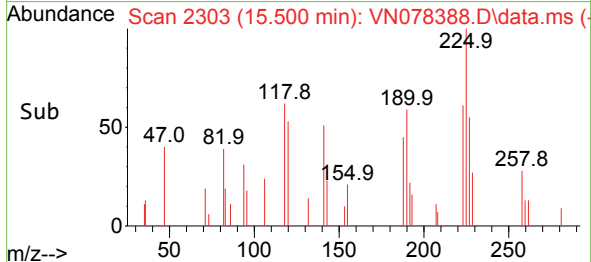
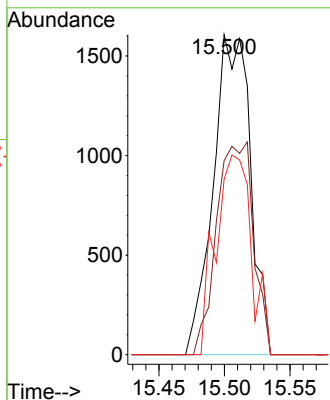
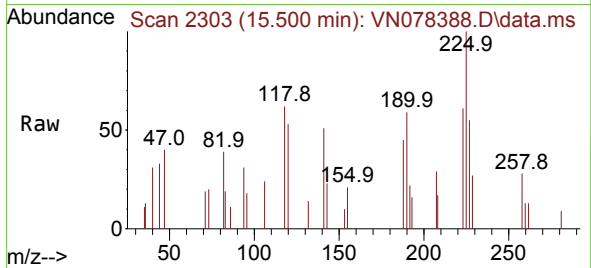




#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.500 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN078388.D
Acq: 24 Jun 2023 12:15

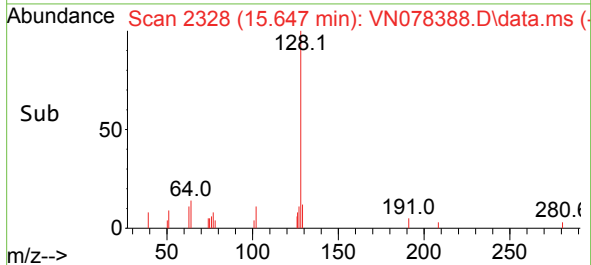
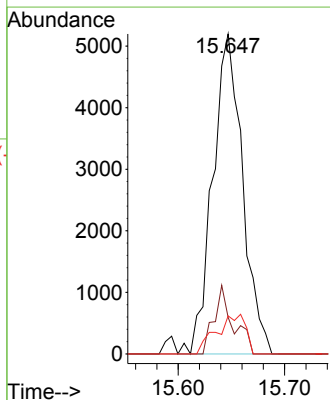
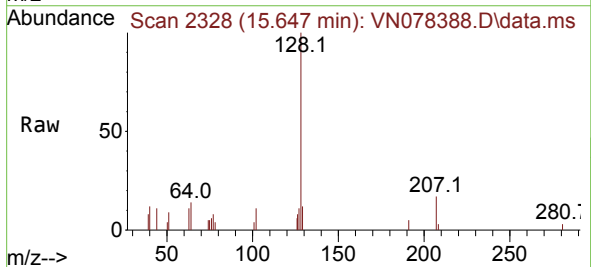
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBL01

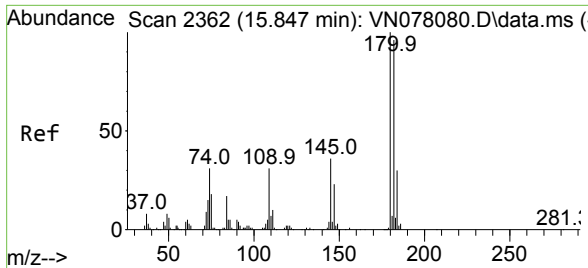
Tgt Ion:225 Resp: 3170
Ion Ratio Lower Upper
225 100
223 65.7 31.3 93.8
227 59.8 31.9 95.9



#95
Naphthalene
Concen: 1.034 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.000 min
Lab File: VN078388.D
Acq: 24 Jun 2023 12:15

Tgt Ion:128 Resp: 10111
Ion Ratio Lower Upper
128 100
127 13.7 10.0 15.0
129 12.1 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 1.395 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN078388.D
 Acq: 24 Jun 2023 12:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBL01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	71.9	46.2	138.6
145	30.1	17.5	52.6

