

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072023\
 Data File : VN078585.D
 Acq On : 20 Jul 2023 11:09
 Operator : JC\MD
 Sample : VN0720MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 21 06:08:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	394252	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	723771	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	663958	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	234548	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	271379	51.345	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.700%	
35) Dibromofluoromethane	8.177	113	274143	55.797	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.600%	
50) Toluene-d8	10.571	98	849100	45.748	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 91.500%	
62) 4-Bromofluorobenzene	12.853	95	293214	51.288	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.580%	
Target Compounds						Qvalue
3) Chloromethane	2.377	50	1805	0.344	ug/l	95
5) Bromomethane	2.983	94	3079	Below Cal		93
6) Chloroethane	3.130	64	1486	Below Cal	#	86
10) Methyl Iodide	4.612	142	2653	0.449	ug/l #	66
11) Tert butyl alcohol	5.524	59	1065	1.307	ug/l #	72
13) Acrolein	4.206	56	636	0.793	ug/l #	58
16) Acetone	4.459	43	1580	0.960	ug/l #	77
18) Methyl Acetate	5.053	43	2278	0.327	ug/l #	69
20) Methylene Chloride	5.289	84	1607	Below Cal	#	52
25) 2-Butanone	7.512	43	1700	0.656	ug/l #	37
29) Tetrahydrofuran	7.853	42	700	0.412	ug/l #	48
31) Cyclohexane	8.230	56	9532	1.334	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	32525	4.585	ug/l #	48
38) Carbon Tetrachloride	8.235	117	40866	5.300	ug/l #	17
39) Methylcyclohexane	9.612	83	1453	0.224	ug/l #	78
43) Isopropyl Acetate	8.735	43	6340	0.651	ug/l #	49
49) 1,4-Dioxane	9.718	88	269	2.735	ug/l #	1
51) 4-Methyl-2-Pentanone	10.453	43	3415	0.590	ug/l #	80
59) 2-Hexanone	11.200	43	4757	1.156	ug/l	86
68) m/p-Xylenes	12.076	106	2492	0.269	ug/l	94
74) N-amyl acetate	12.506	43	2487	0.327	ug/l #	71
75) 1,1,2,2-Tetrachloroethane	12.941	83	1074	Below Cal	#	24
76) 1,2,3-Trichloropropane	12.853	75	156231	27.557	ug/l #	1
77) Bromobenzene	12.988	156	1378	Below Cal		91
81) trans-1,4-Dichloro-2-b...	12.853	75	156231	72.416	ug/l #	15
82) 4-Chlorotoluene	13.229	91	3644	0.253	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	3415	0.202	ug/l	90
85) sec-Butylbenzene	13.623	105	5585	0.299	ug/l	94
86) p-Isopropyltoluene	13.729	119	4471	0.298	ug/l	91
87) 1,3-Dichlorobenzene	13.741	146	3219	0.380	ug/l	91
88) 1,4-Dichlorobenzene	13.741	146	3219	0.378	ug/l	88
89) n-Butylbenzene	14.064	91	6782	0.632	ug/l	92
90) Hexachloroethane	14.329	117	461	Below Cal		89
91) 1,2-Dichlorobenzene	14.112	146	3253	0.386	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.717	75	424	Below Cal		71
93) 1,2,4-Trichlorobenzene	15.394	180	3127	1.164	ug/l	98

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
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Quant Title : SW846 8260
QLast Update : Mon Jul 10 16:13:53 2023
Response via : Initial Calibration

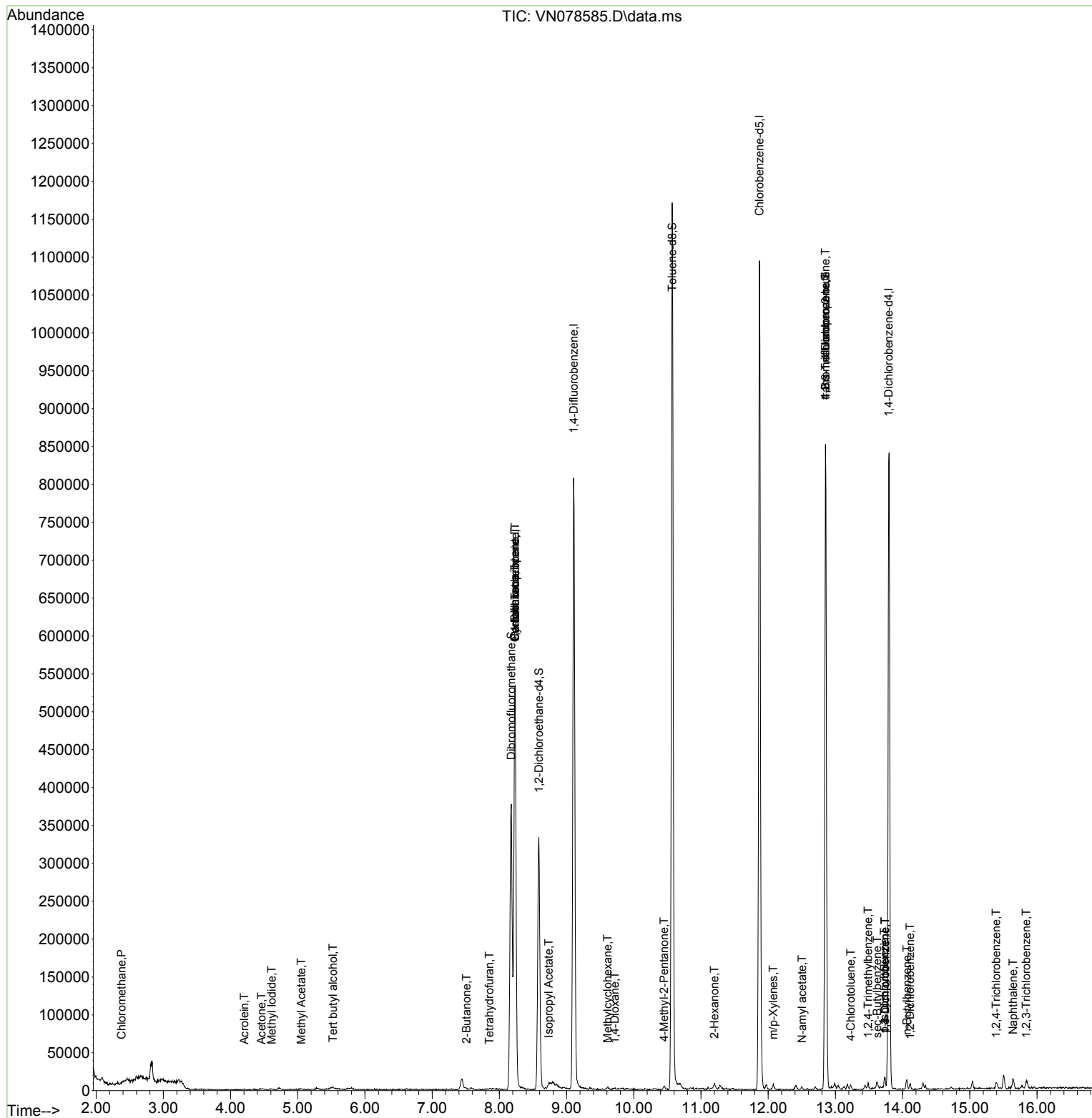
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.506	225	3698	Below Cal		93
95) Naphthalene	15.647	128	10662	1.161 ug/l	#	87
96) 1,2,3-Trichlorobenzene	15.841	180	4195	1.358 ug/l	#	88

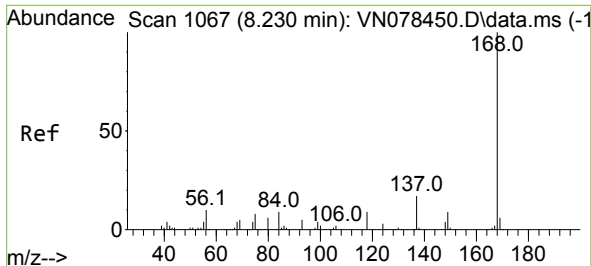
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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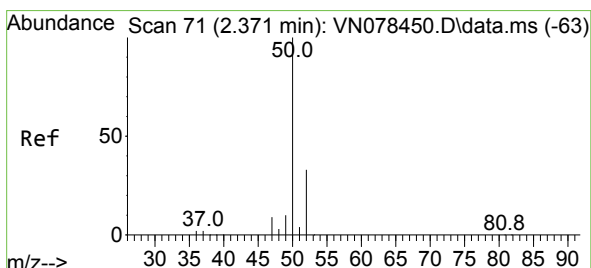
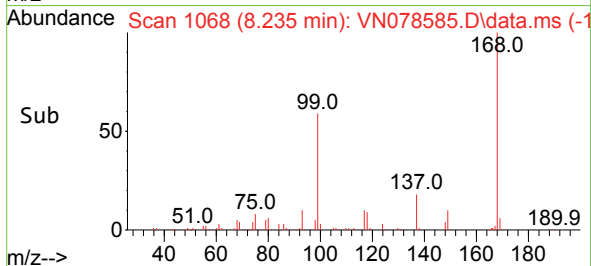
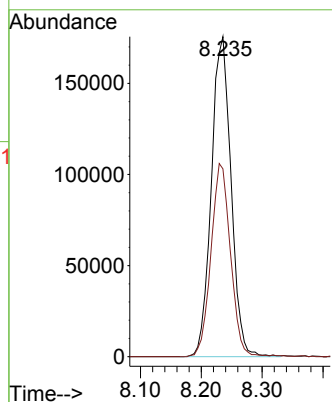
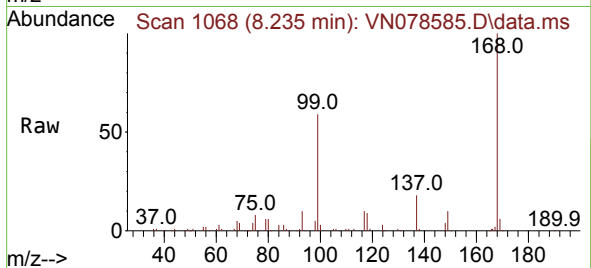




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078585.D
Acq: 20 Jul 2023 11:09

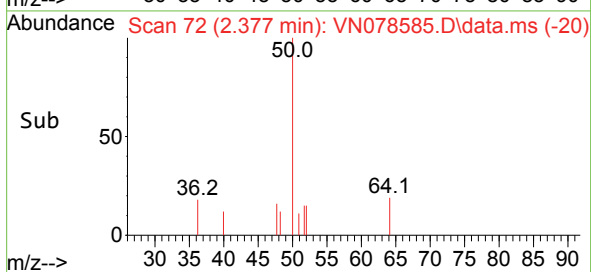
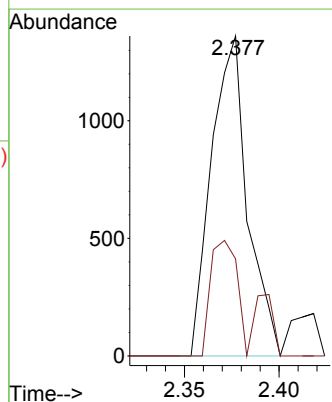
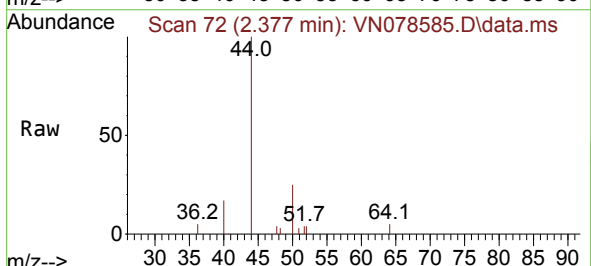
Instrument :
MSVOA_N
ClientSampleId :

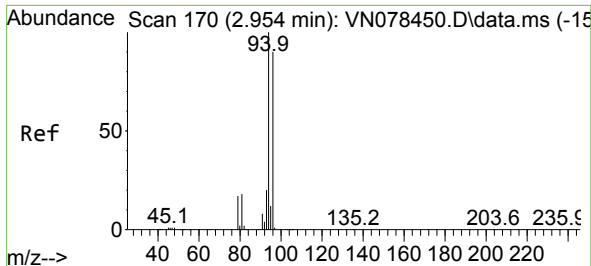
Tgt Ion:168 Resp: 394252
Ion Ratio Lower Upper
168 100
99 58.7 53.0 79.6



#3
Chloromethane
Concen: 0.344 ug/l
RT: 2.377 min Scan# 72
Delta R.T. 0.006 min
Lab File: VN078585.D
Acq: 20 Jul 2023 11:09

Tgt Ion: 50 Resp: 1805
Ion Ratio Lower Upper
50 100
52 30.3 26.5 39.7

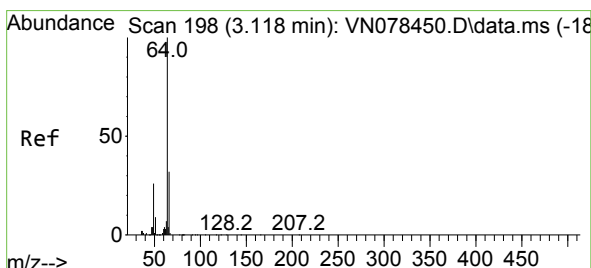
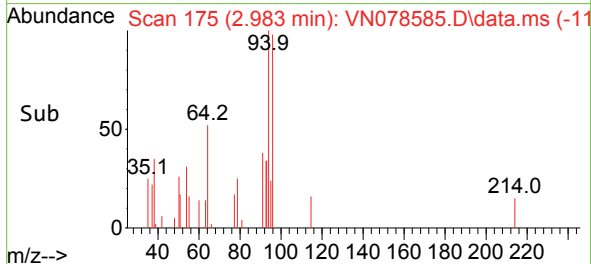
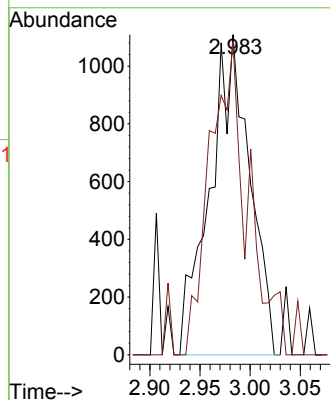
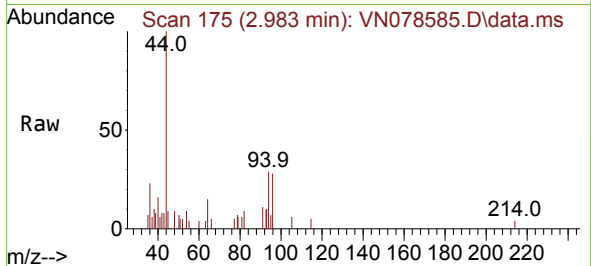




#5
Bromomethane
Concen: Below Cal
RT: 2.983 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN078585.D
Acq: 20 Jul 2023 11:09

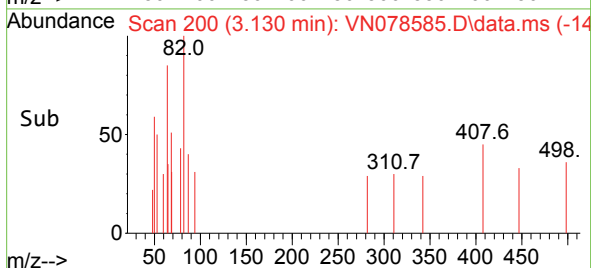
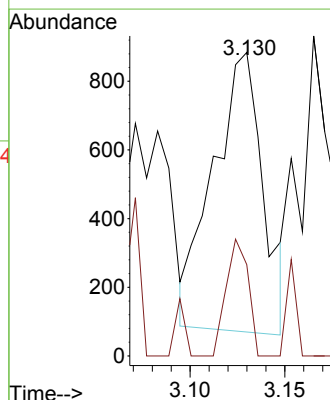
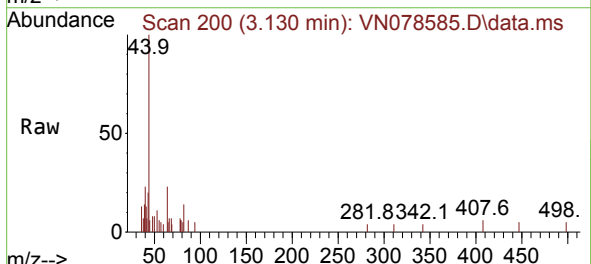
Instrument :
MSVOA_N
ClientSampleId :

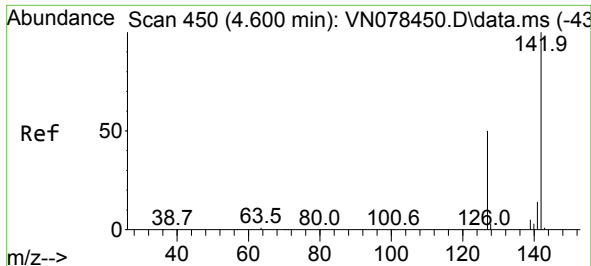
Tgt Ion: 94 Resp: 3079
Ion Ratio Lower Upper
94 100
96 97.9 73.1 109.7



#6
Chloroethane
Concen: Below Cal
RT: 3.130 min Scan# 200
Delta R.T. 0.012 min
Lab File: VN078585.D
Acq: 20 Jul 2023 11:09

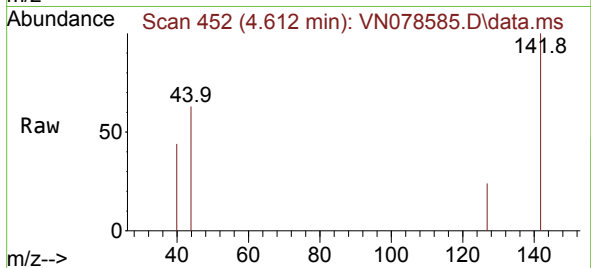
Tgt Ion: 64 Resp: 1486
Ion Ratio Lower Upper
64 100
66 39.8 25.4 38.2#



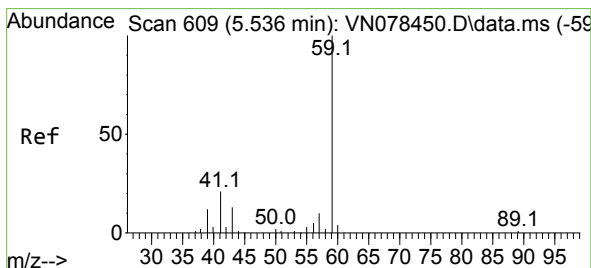
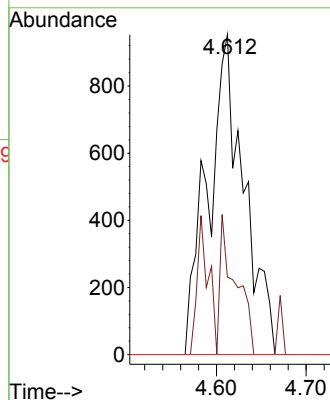
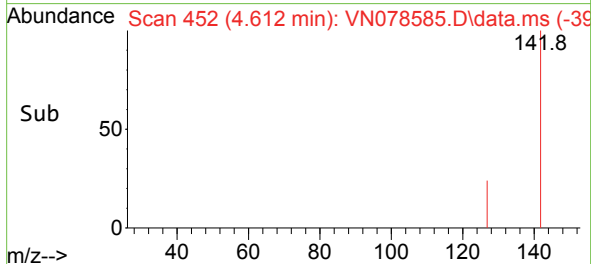


#10
Methyl Iodide
Concen: 0.449 ug/l
RT: 4.612 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN078585.D
Acq: 20 Jul 2023 11:09

Instrument :
MSVOA_N
ClientSampleId :

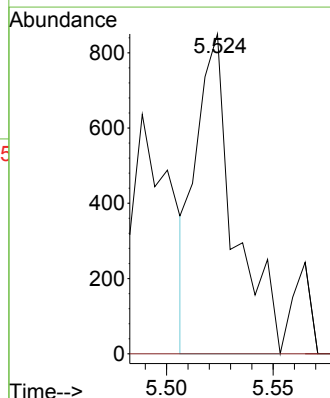
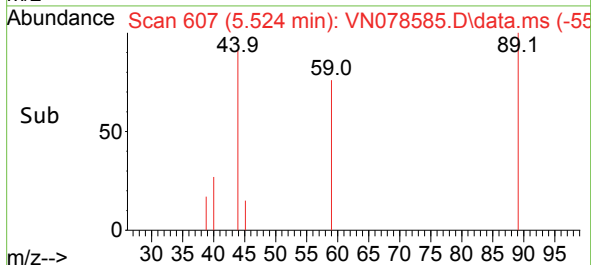
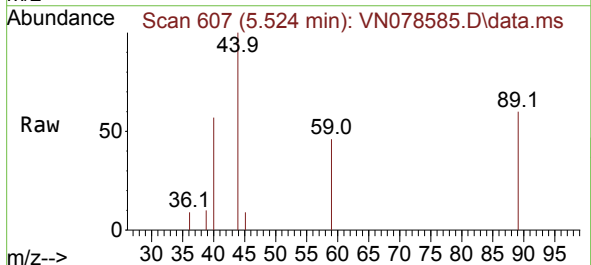


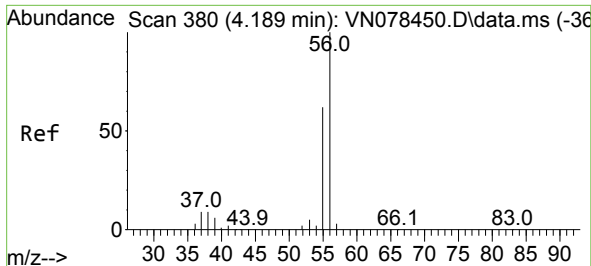
Tgt Ion:142 Resp: 2653
Ion Ratio Lower Upper
142 100
127 24.2 37.6 56.4#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 1.307 ug/l
RT: 5.524 min Scan# 607
Delta R.T. -0.012 min
Lab File: VN078585.D
Acq: 20 Jul 2023 11:09

Tgt Ion: 59 Resp: 1065
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

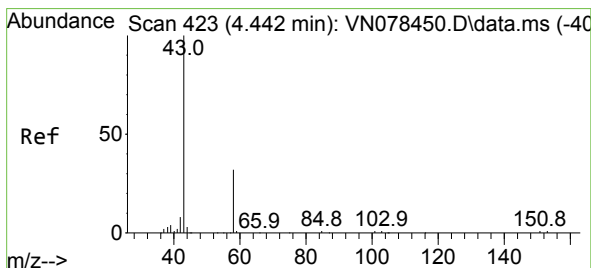
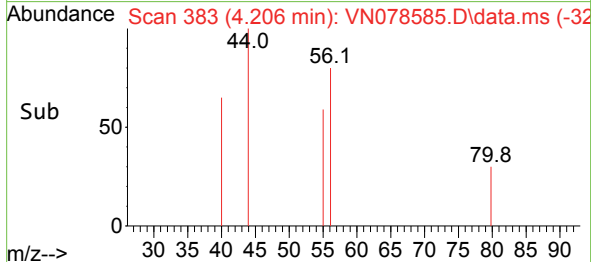
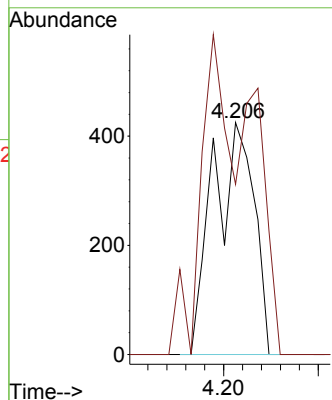
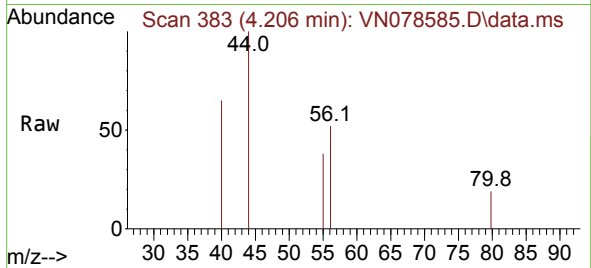




#13
Acrolein
Concen: 0.793 ug/l
RT: 4.206 min Scan# 380
Delta R.T. 0.017 min
Lab File: VN078585.D
Acq: 20 Jul 2023 11:09

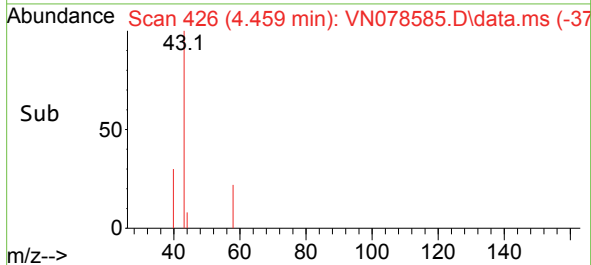
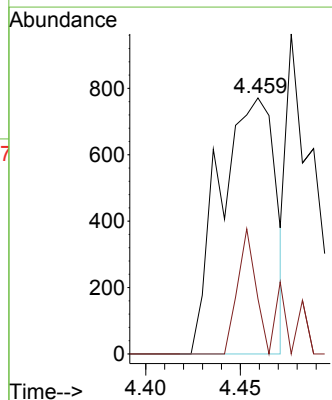
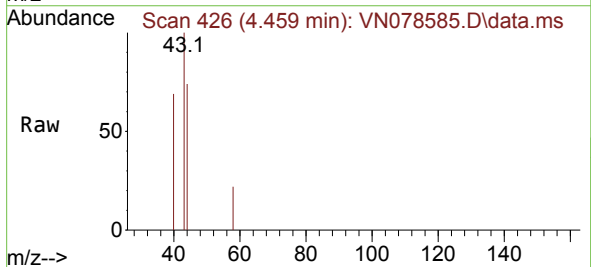
Instrument :
MSVOA_N
ClientSampleId :

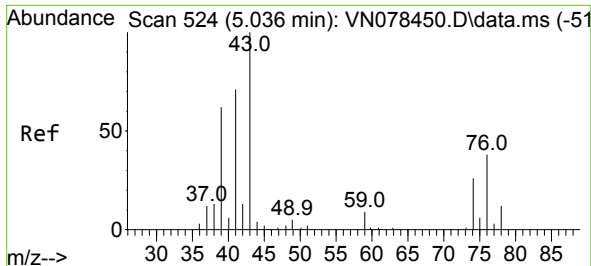
Tgt Ion: 56 Resp: 636
Ion Ratio Lower Upper
56 100
55 102.0 54.5 81.7#



#16
Acetone
Concen: 0.960 ug/l
RT: 4.459 min Scan# 426
Delta R.T. 0.017 min
Lab File: VN078585.D
Acq: 20 Jul 2023 11:09

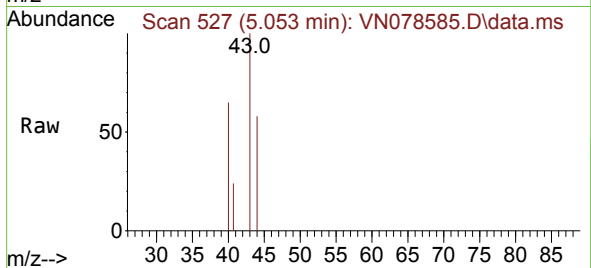
Tgt Ion: 43 Resp: 1580
Ion Ratio Lower Upper
43 100
58 21.5 28.0 42.0#



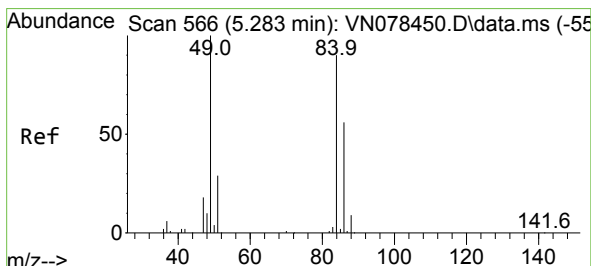
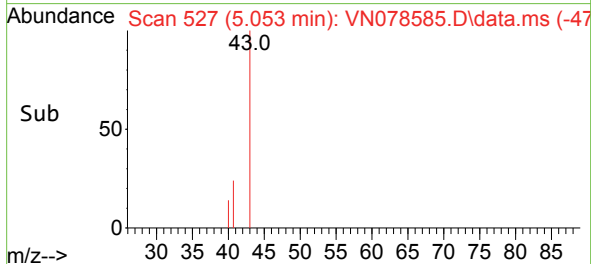
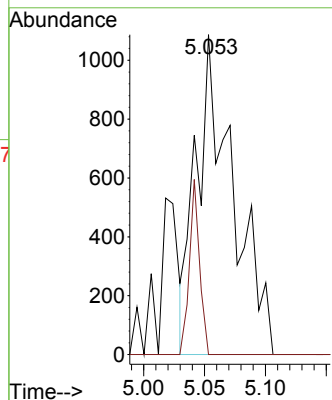


#18
Methyl Acetate
Concen: 0.327 ug/l
RT: 5.053 min Scan# 51
Delta R.T. 0.017 min
Lab File: VN078585.D
Acq: 20 Jul 2023 11:09

Instrument :
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ClientSampleId :

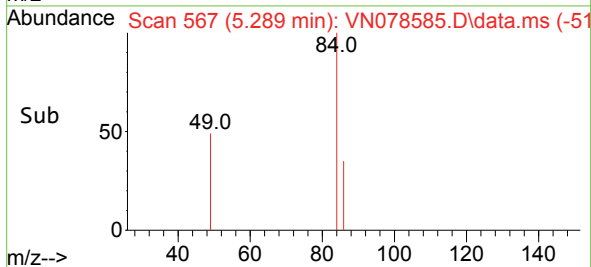
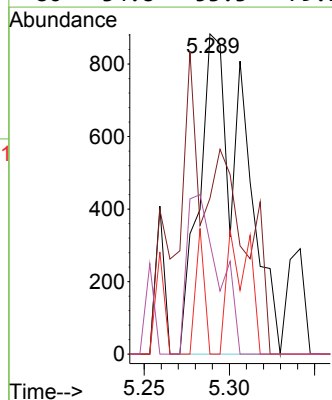
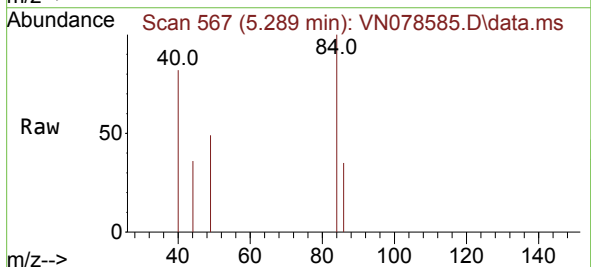


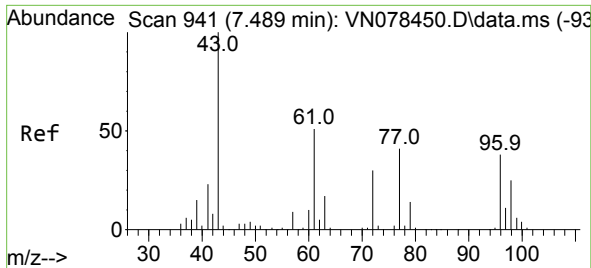
Tgt Ion: 43 Resp: 2278
Ion Ratio Lower Upper
43 100
74 15.2 26.2 39.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078585.D
Acq: 20 Jul 2023 11:09

Tgt Ion: 84 Resp: 1607
Ion Ratio Lower Upper
84 100
49 48.7 79.7 119.5#
51 0.0 25.2 37.8#
86 34.8 53.3 79.9#

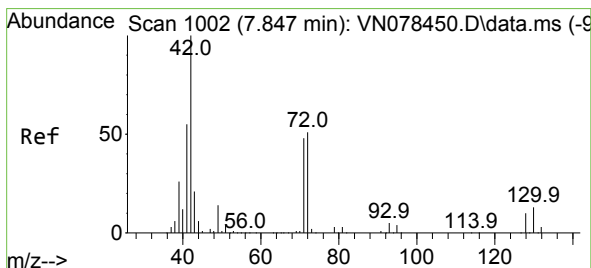
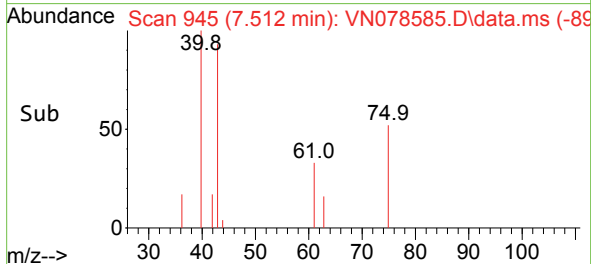
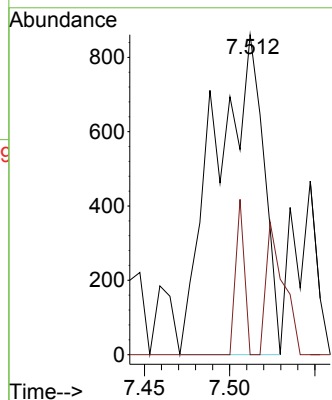
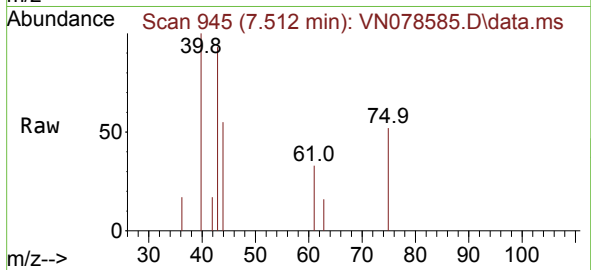




#25
2-Butanone
Concen: 0.656 ug/l
RT: 7.512 min Scan# 941
Delta R.T. 0.023 min
Lab File: VN078585.D
Acq: 20 Jul 2023 11:09

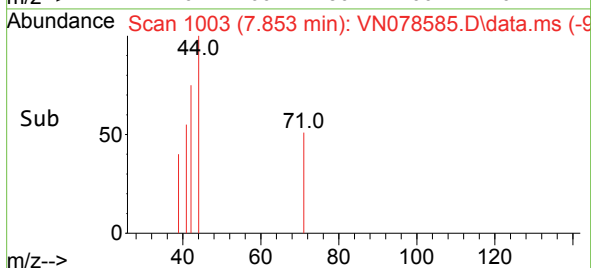
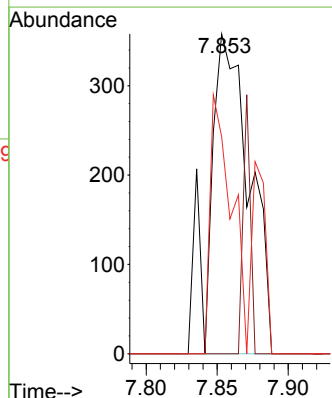
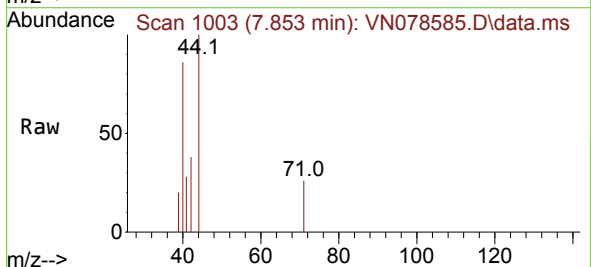
Instrument :
MSVOA_N
ClientSampleId :

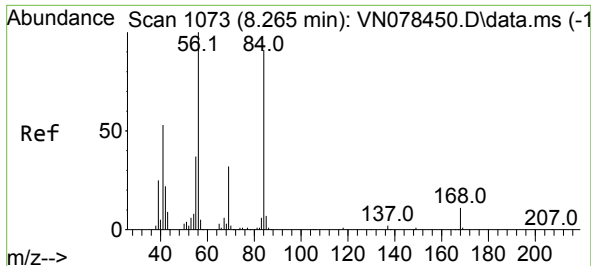
Tgt Ion: 43 Resp: 1700
Ion Ratio Lower Upper
43 100
72 0.0 30.2 45.2#



#29
Tetrahydrofuran
Concen: 0.412 ug/l
RT: 7.853 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VN078585.D
Acq: 20 Jul 2023 11:09

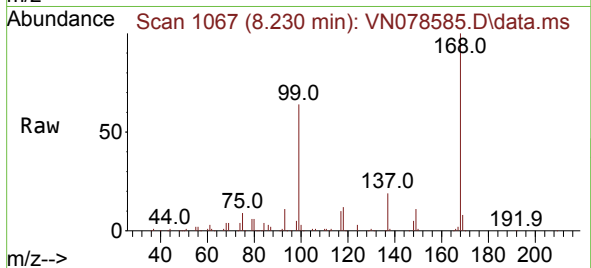
Tgt Ion: 42 Resp: 700
Ion Ratio Lower Upper
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72 0.0 49.8 74.6#
71 43.4 47.4 71.2#



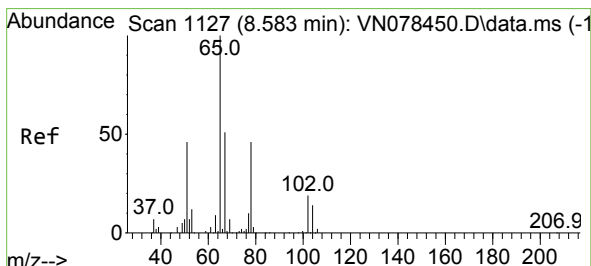
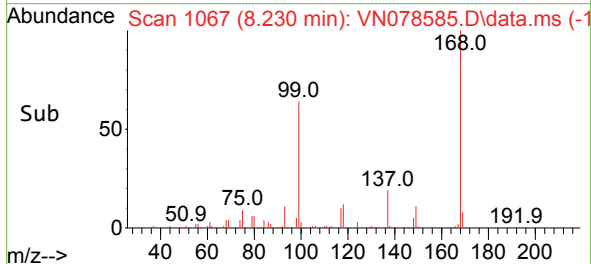
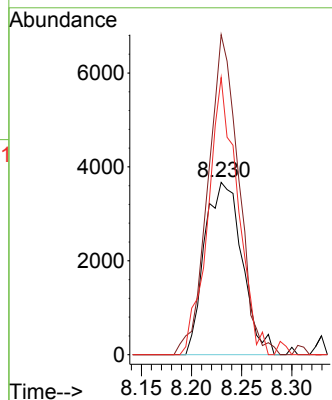


#31
Cyclohexane
Concen: 1.334 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN078585.D
Acq: 20 Jul 2023 11:09

Instrument :
MSVOA_N
ClientSampleId :

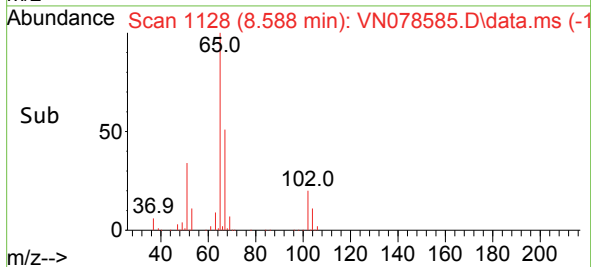
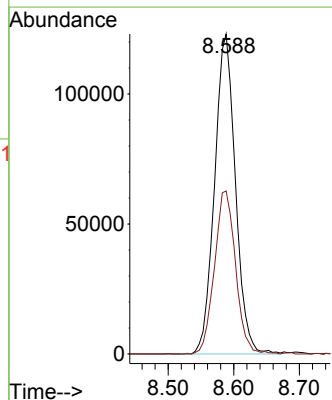
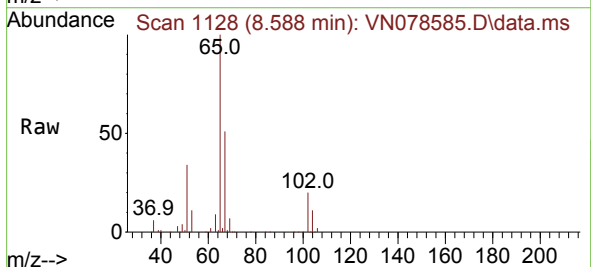


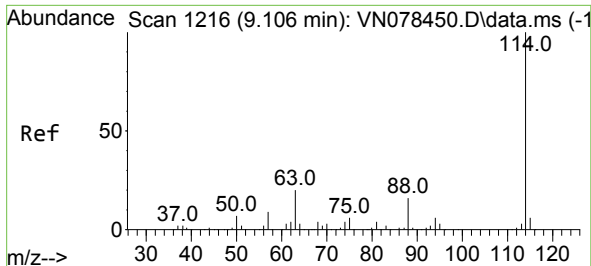
Tgt Ion: 56 Resp: 9532
Ion Ratio Lower Upper
56 100
69 185.7 26.8 40.2#
84 160.8 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 51.345 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN078585.D
Acq: 20 Jul 2023 11:09

Tgt Ion: 65 Resp: 271379
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# 11

Delta R.T. -0.000 min

Lab File: VN078585.D

Acq: 20 Jul 2023 11:09

Instrument :

MSVOA_N

ClientSampleId :

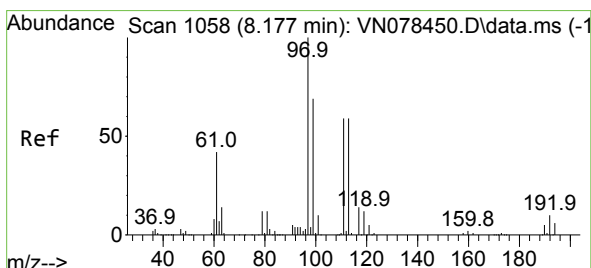
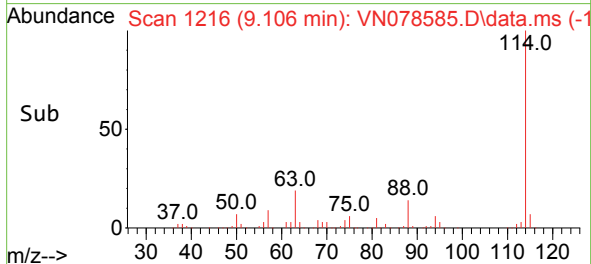
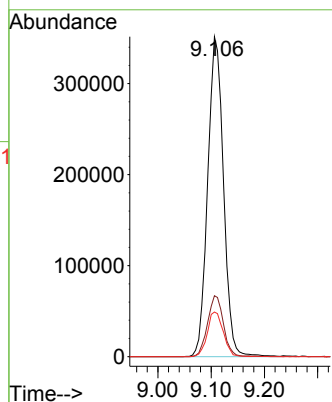
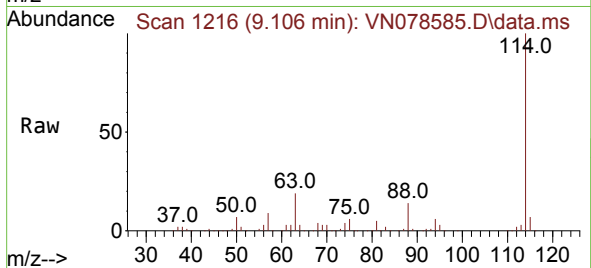
Tgt Ion:114 Resp: 723771

Ion Ratio Lower Upper

114 100

63 19.0 0.0 36.4

88 13.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.797 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078585.D

Acq: 20 Jul 2023 11:09

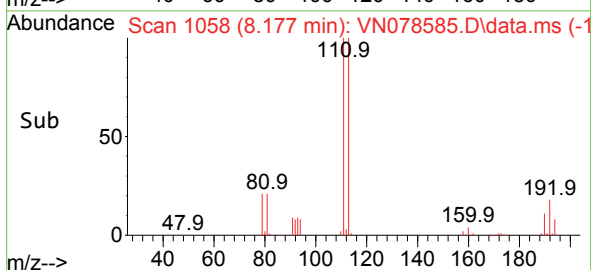
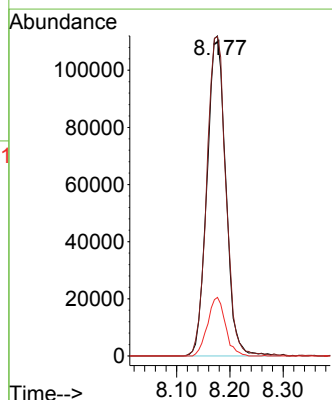
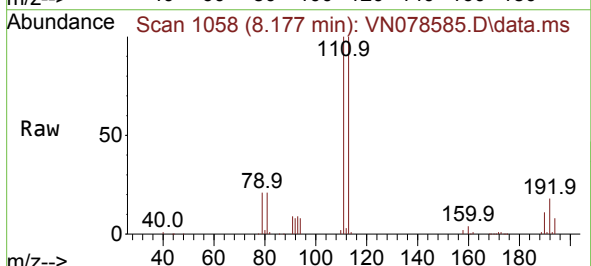
Tgt Ion:113 Resp: 274143

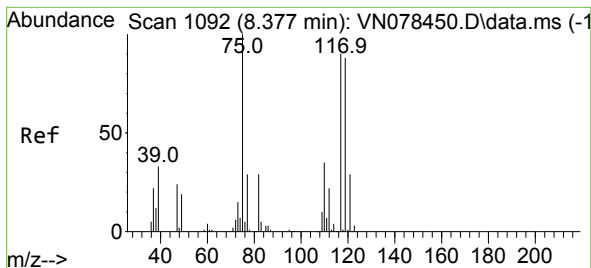
Ion Ratio Lower Upper

113 100

111 101.5 82.6 123.8

192 17.4 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.585 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.147 min

Lab File: VN078585.D

Acq: 20 Jul 2023 11:09

Instrument :

MSVOA_N

ClientSampleId :

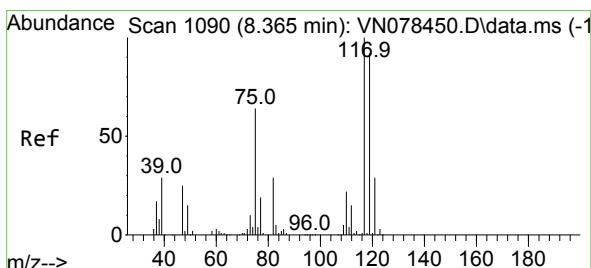
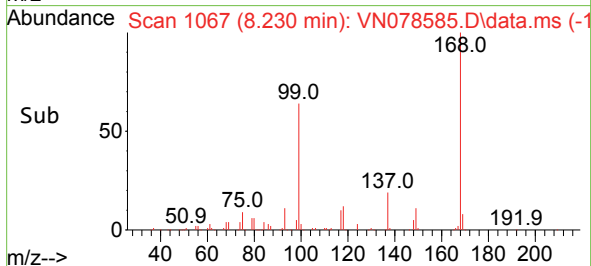
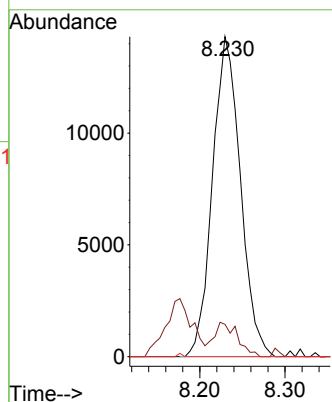
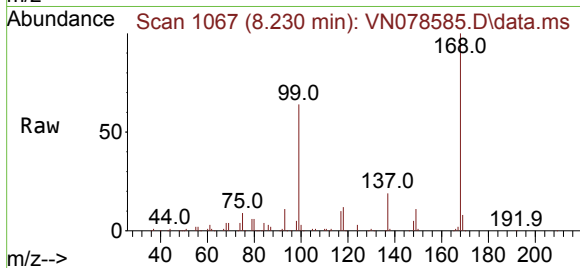
Tgt Ion: 75 Resp: 32525

Ion Ratio Lower Upper

75 100

110 9.1 19.1 57.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.300 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.130 min

Lab File: VN078585.D

Acq: 20 Jul 2023 11:09

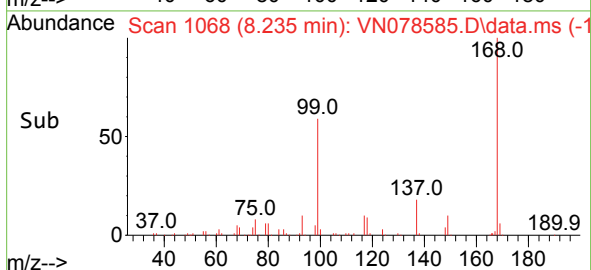
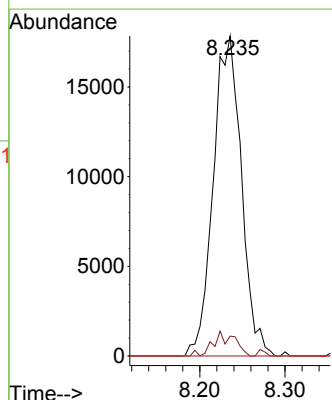
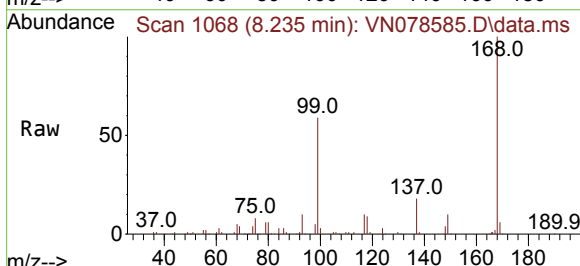
Tgt Ion: 117 Resp: 40866

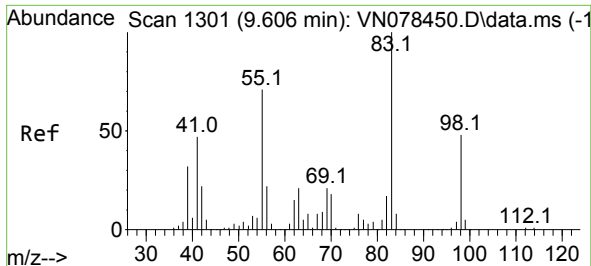
Ion Ratio Lower Upper

117 100

119 6.2 77.3 115.9#

121 0.0 23.3 34.9#

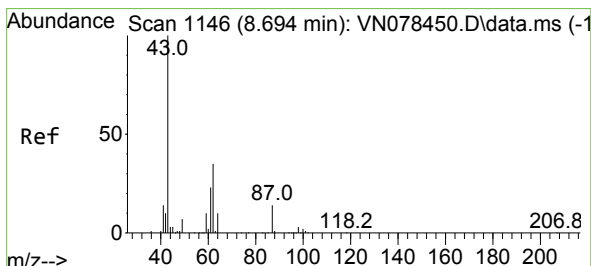
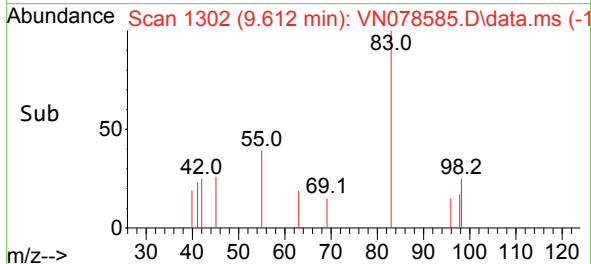
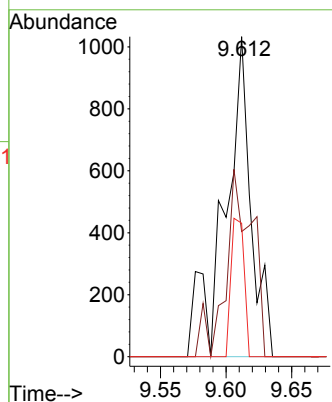
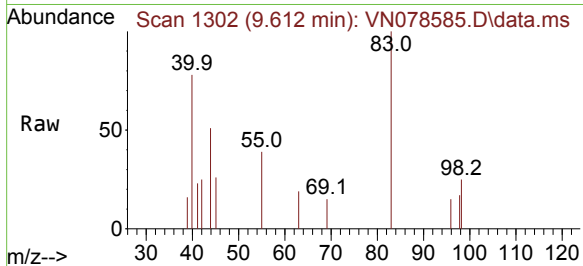




#39
Methylcyclohexane
Concen: 0.224 ug/l
RT: 9.612 min Scan# 1153
Delta R.T. 0.006 min
Lab File: VN078585.D
Acq: 20 Jul 2023 11:09

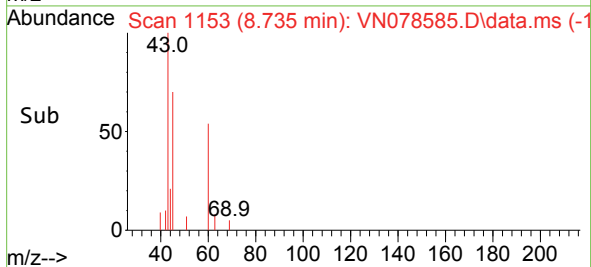
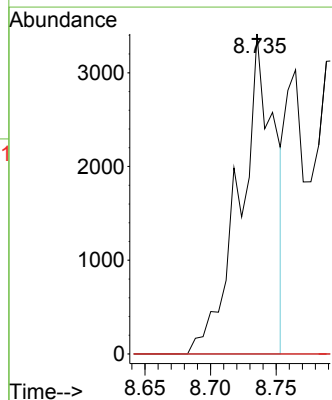
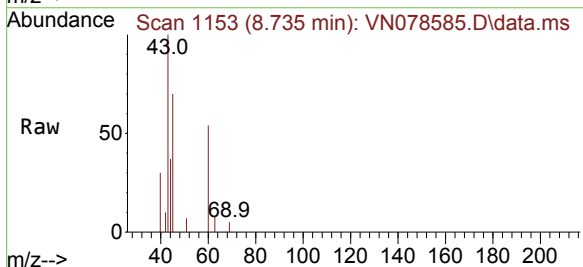
Instrument :
MSVOA_N
ClientSampleId :

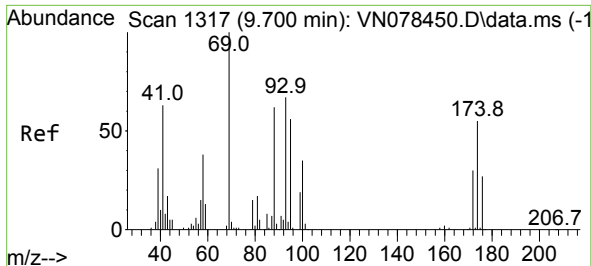
Tgt Ion: 83 Resp: 1453
Ion Ratio Lower Upper
83 100
55 39.1 49.1 73.7#
98 41.7 40.6 61.0



#43
Isopropyl Acetate
Concen: 0.651 ug/l
RT: 8.735 min Scan# 1153
Delta R.T. 0.041 min
Lab File: VN078585.D
Acq: 20 Jul 2023 11:09

Tgt Ion: 43 Resp: 6340
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: 2.735 ug/l

RT: 9.718 min Scan# 11

Delta R.T. 0.018 min

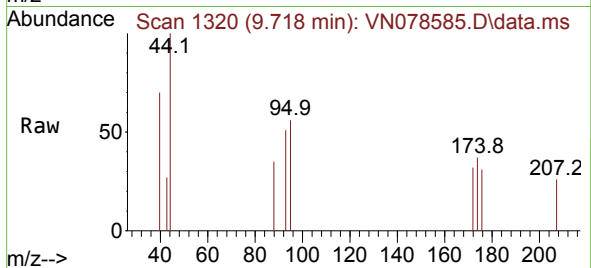
Lab File: VN078585.D

Acq: 20 Jul 2023 11:09

Instrument :

MSVOA_N

ClientSampleId :



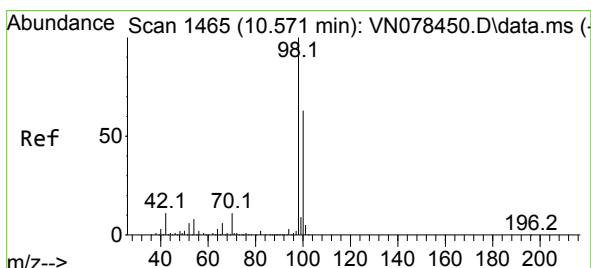
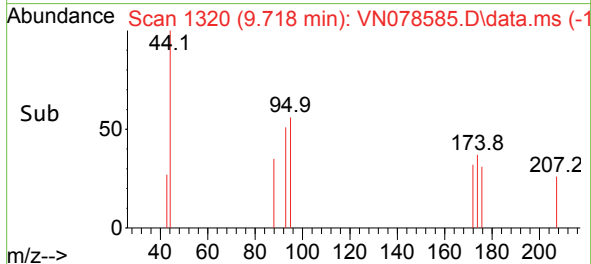
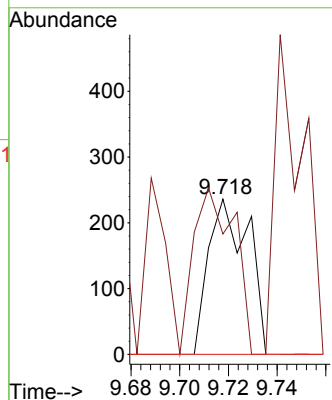
Tgt Ion: 88 Resp: 269

Ion Ratio Lower Upper

88 100

43 110.0 17.0 25.6#

58 0.0 47.0 70.4#



#50

Toluene-d8

Concen: 45.748 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078585.D

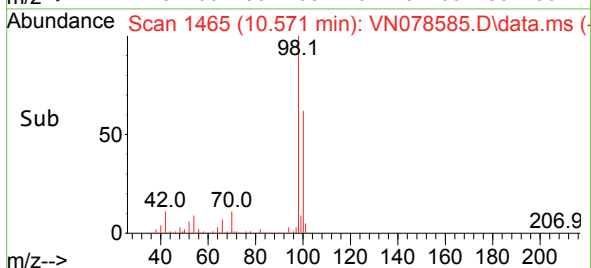
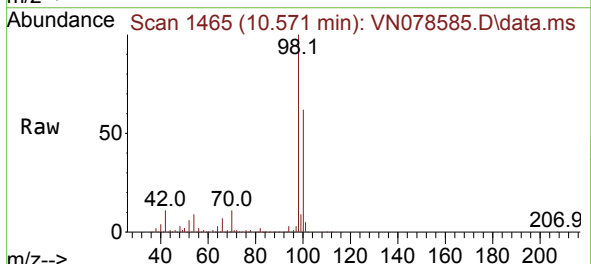
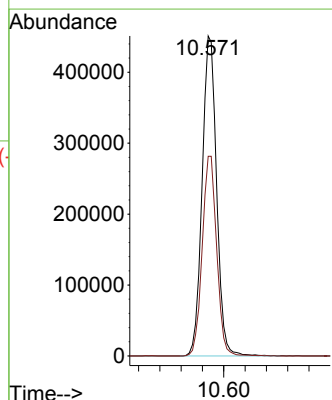
Acq: 20 Jul 2023 11:09

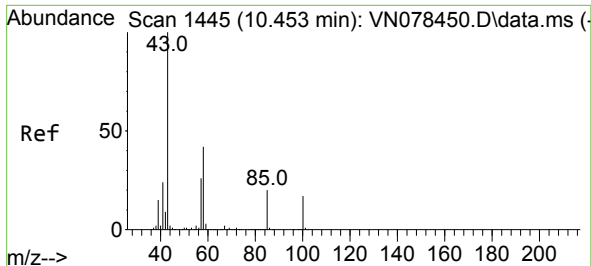
Tgt Ion: 98 Resp: 849100

Ion Ratio Lower Upper

98 100

100 62.5 52.0 78.0

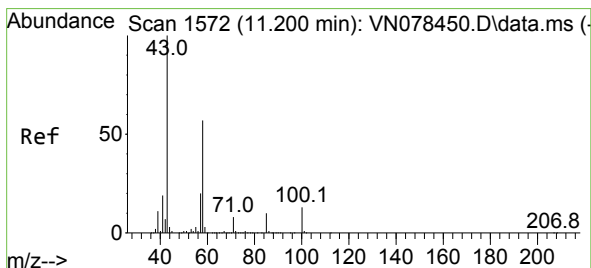
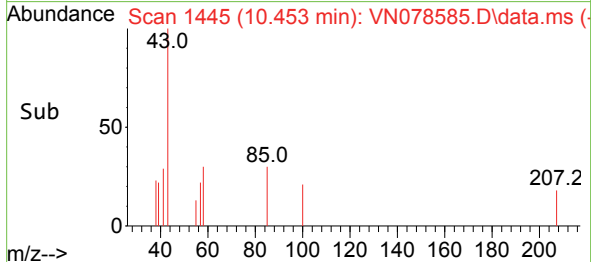
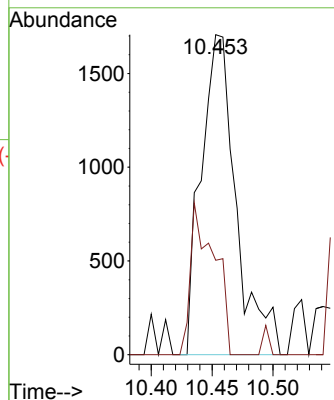
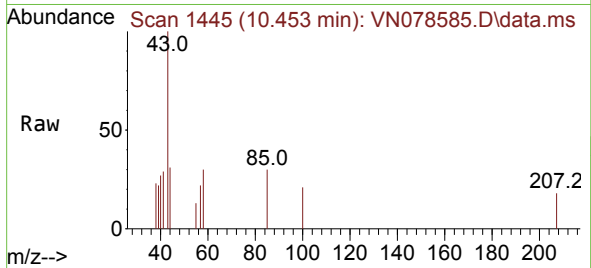




#51
4-Methyl-2-Pentanone
Concen: 0.590 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078585.D
Acq: 20 Jul 2023 11:09

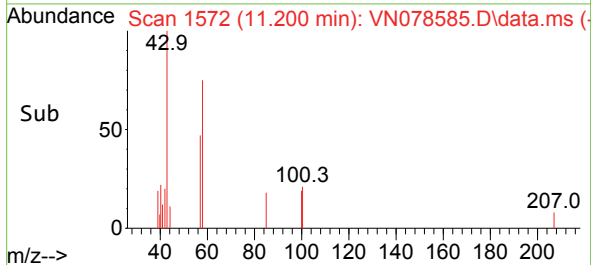
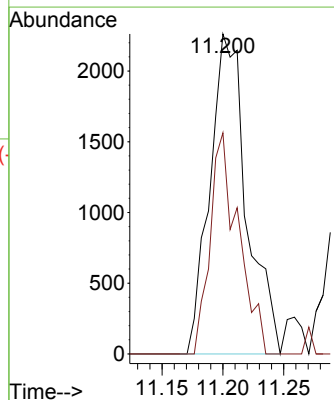
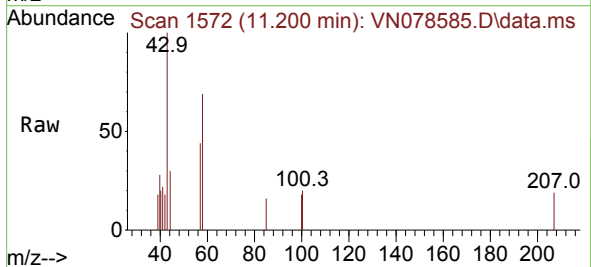
Instrument :
MSVOA_N
ClientSampleId :

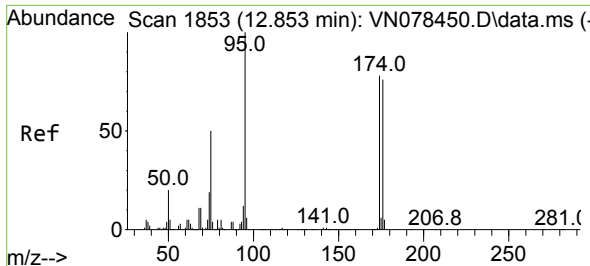
Tgt Ion: 43 Resp: 3415
Ion Ratio Lower Upper
43 100
58 32.6 36.6 54.8#



#59
2-Hexanone
Concen: 1.156 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN078585.D
Acq: 20 Jul 2023 11:09

Tgt Ion: 43 Resp: 4757
Ion Ratio Lower Upper
43 100
58 52.8 31.7 95.1

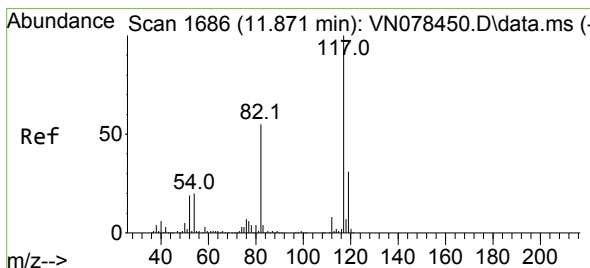
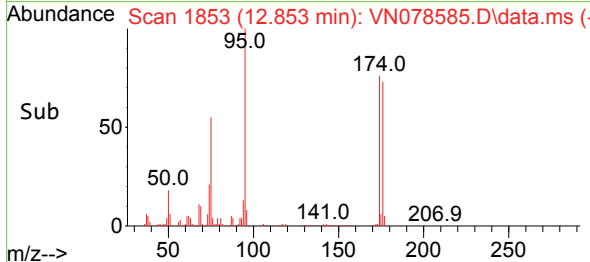
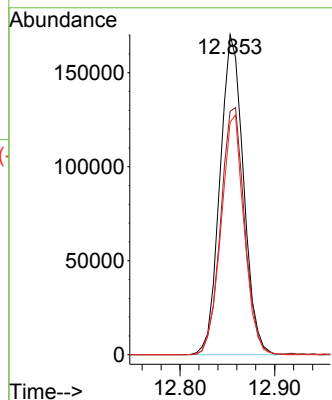
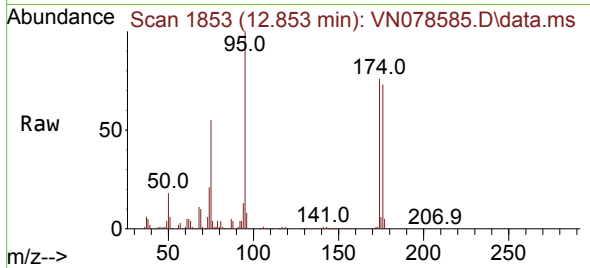




#62
4-Bromofluorobenzene
Concen: 51.288 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078585.D
Acq: 20 Jul 2023 11:09

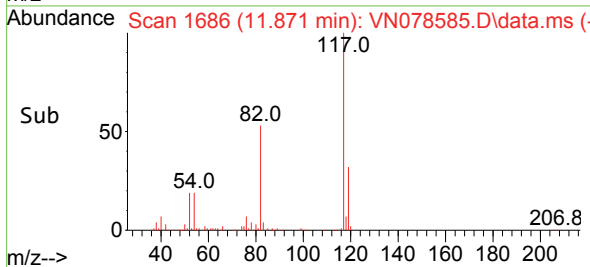
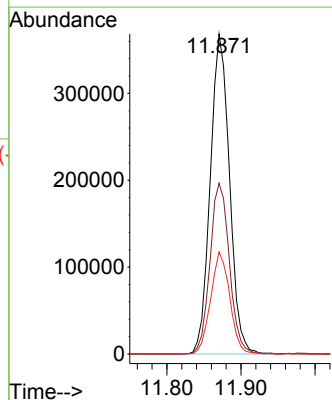
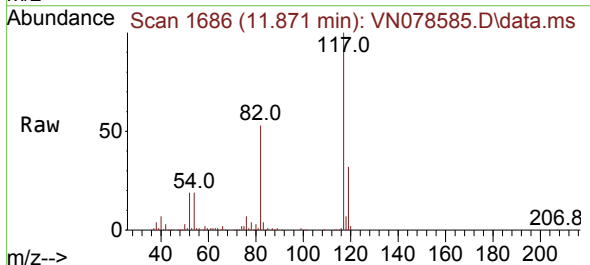
Instrument :
MSVOA_N
ClientSampleId :

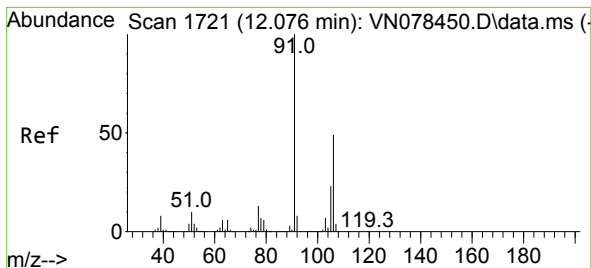
Tgt Ion: 95 Resp: 293214
Ion Ratio Lower Upper
95 100
174 78.6 0.0 143.8
176 73.7 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN078585.D
Acq: 20 Jul 2023 11:09

Tgt Ion: 117 Resp: 663958
Ion Ratio Lower Upper
117 100
82 53.3 44.0 66.0
119 31.9 25.6 38.4

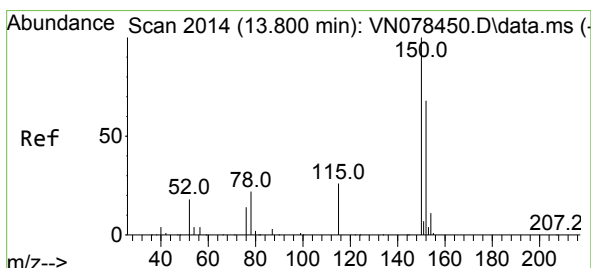
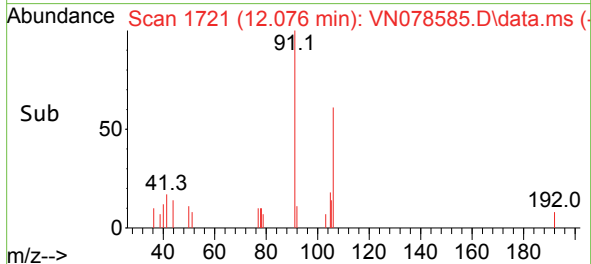
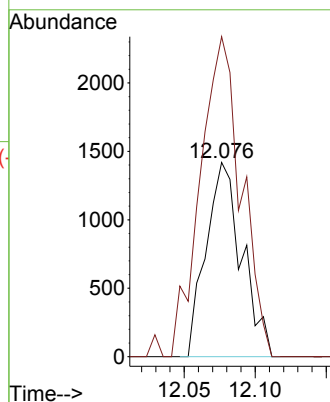
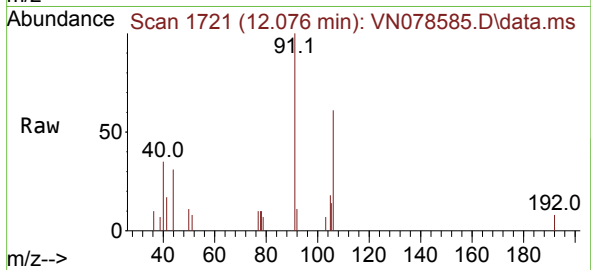




#68
m/p-Xylenes
Concen: 0.269 ug/l
RT: 12.076 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078585.D
Acq: 20 Jul 2023 11:09

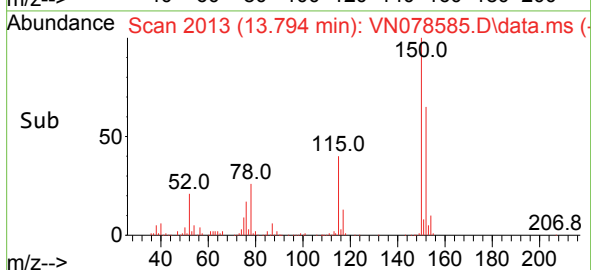
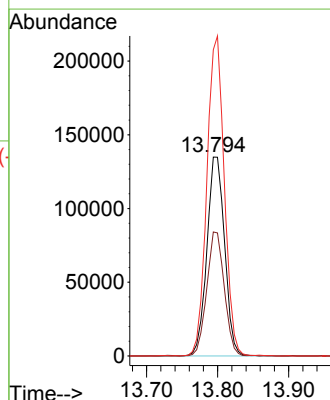
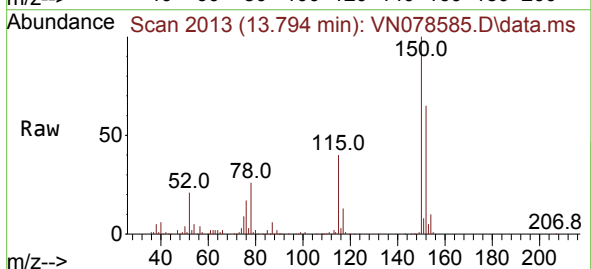
Instrument :
MSVOA_N
ClientSampleId :

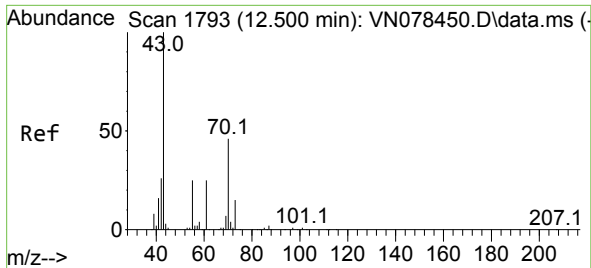
Tgt Ion:106 Resp: 2492
Ion Ratio Lower Upper
106 100
91 190.9 159.6 239.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078585.D
Acq: 20 Jul 2023 11:09

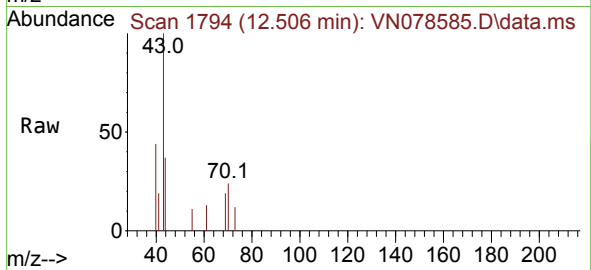
Tgt Ion:152 Resp: 234548
Ion Ratio Lower Upper
152 100
115 61.6 32.3 96.8
150 157.7 0.0 355.8



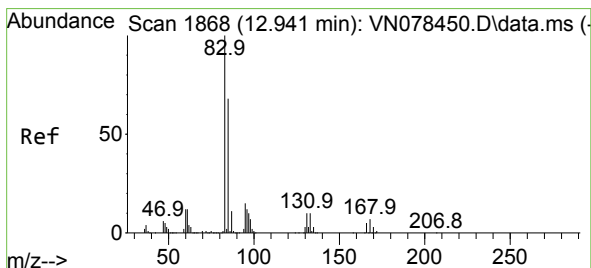
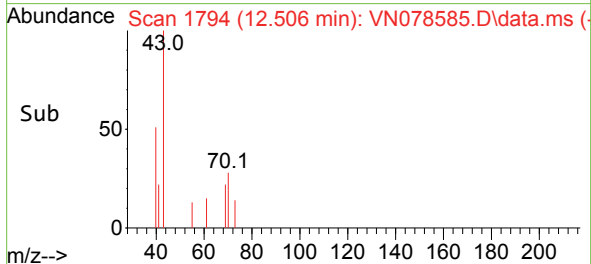
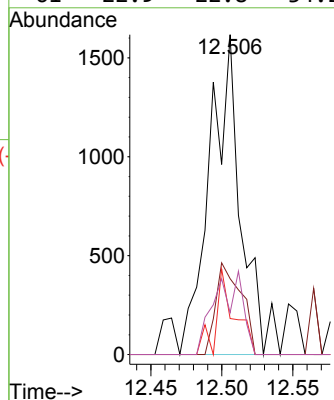


#74
N-amy1 acetate
Concen: 0.327 ug/l
RT: 12.506 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VN078585.D
Acq: 20 Jul 2023 11:09

Instrument :
MSVOA_N
ClientSampleId :

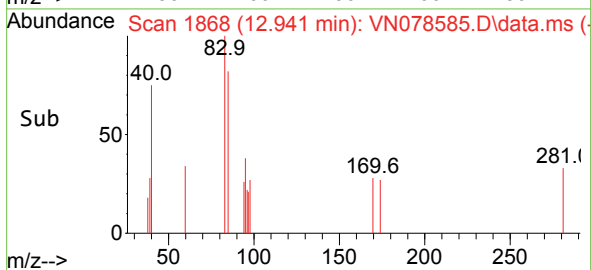
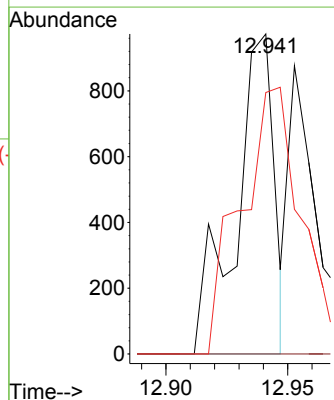
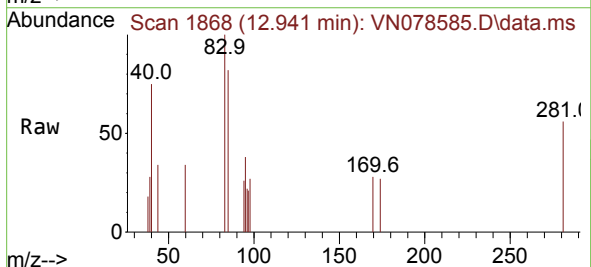


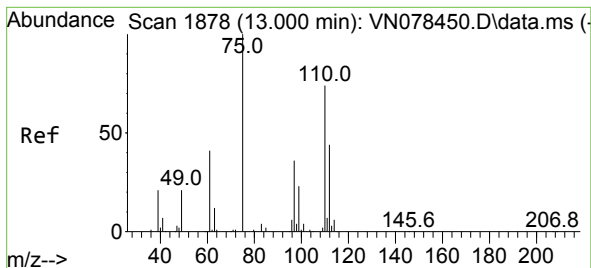
Tgt Ion: 43	Resp: 2487
Ion Ratio	Lower Upper
43 100	
70 23.2	43.4 65.2#
55 15.8	21.4 32.0#
61 22.9	22.8 34.2



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078585.D
Acq: 20 Jul 2023 11:09

Tgt Ion: 83	Resp: 1074
Ion Ratio	Lower Upper
83 100	
131 0.0	5.0 15.0#
85 128.8	31.9 95.7#





#76

1,2,3-Trichloropropane

Concen: 27.557 ug/l

RT: 12.853 min Scan# 11

Delta R.T. -0.147 min

Lab File: VN078585.D

Acq: 20 Jul 2023 11:09

Instrument :

MSVOA_N

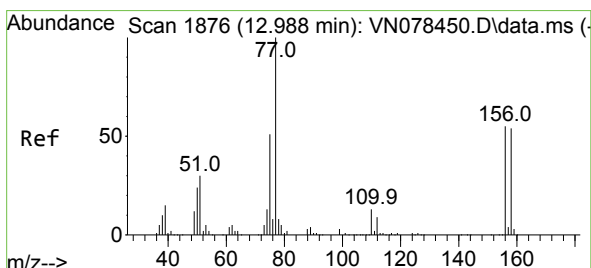
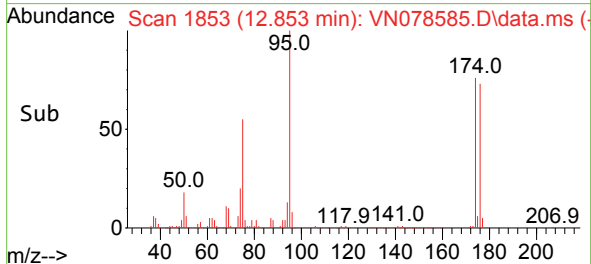
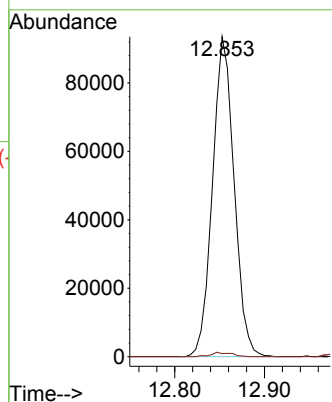
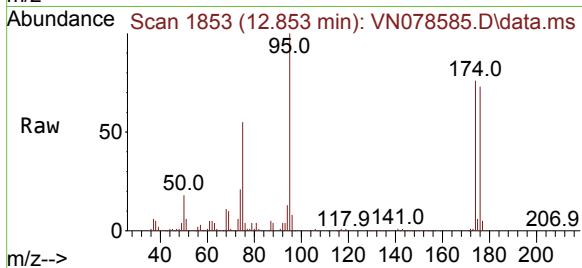
ClientSampleId :

Tgt Ion: 75 Resp: 156231

Ion Ratio Lower Upper

75 100

77 1.3 84.5 253.5#



#77

Bromobenzene

Concen: Below Cal

RT: 12.988 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VN078585.D

Acq: 20 Jul 2023 11:09

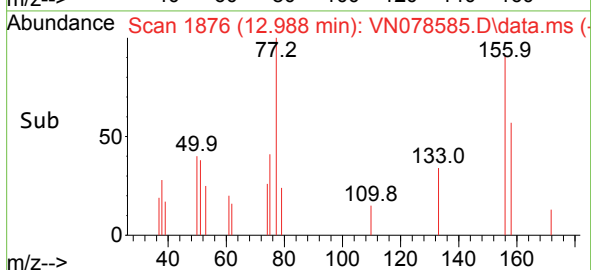
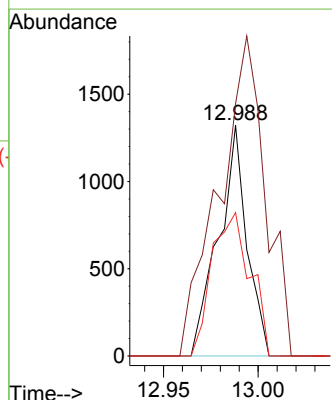
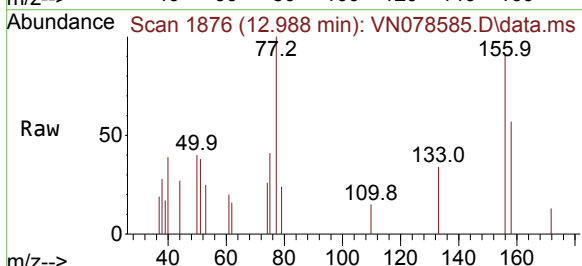
Tgt Ion:156 Resp: 1378

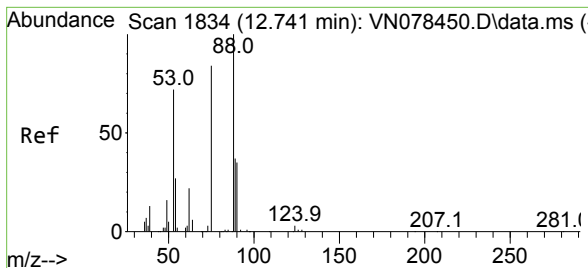
Ion Ratio Lower Upper

156 100

77 226.0 107.7 323.3

158 83.9 48.4 145.3

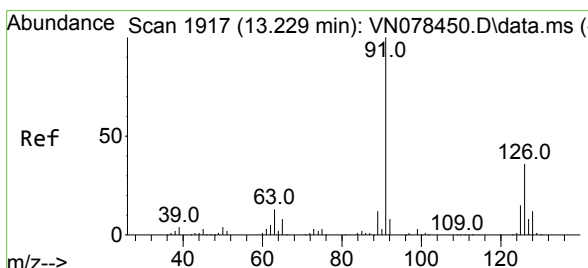
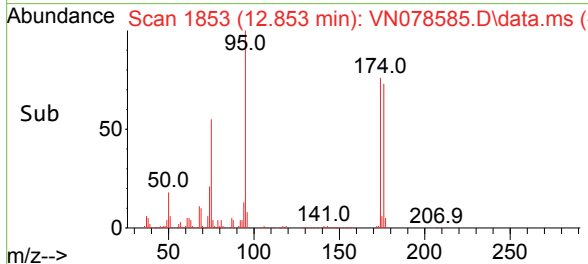
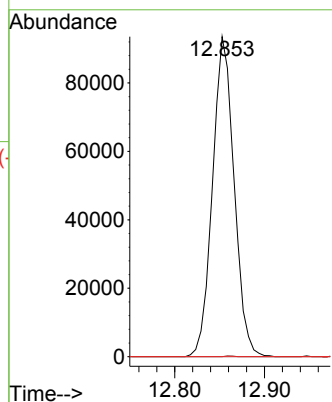
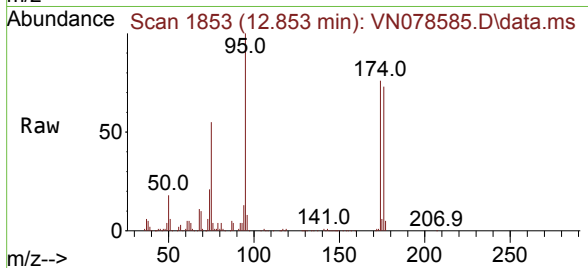




#81
trans-1,4-Dichloro-2-butene
Concen: 72.416 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN078585.D
Acq: 20 Jul 2023 11:09

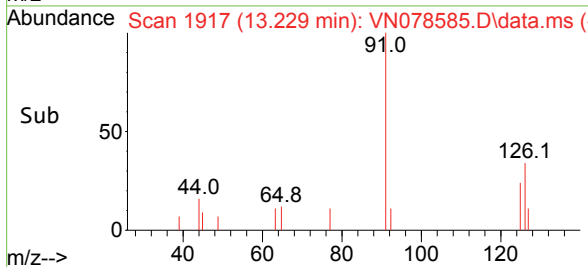
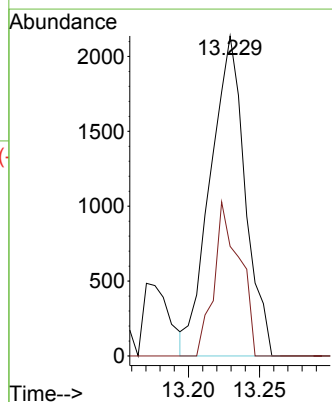
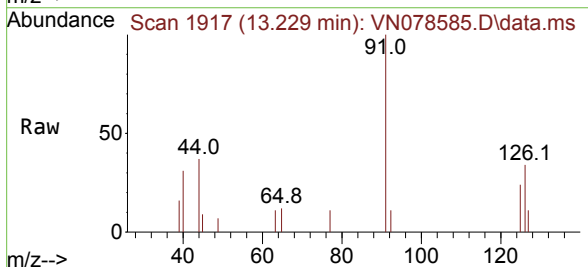
Instrument :
MSVOA_N
ClientSampleId :

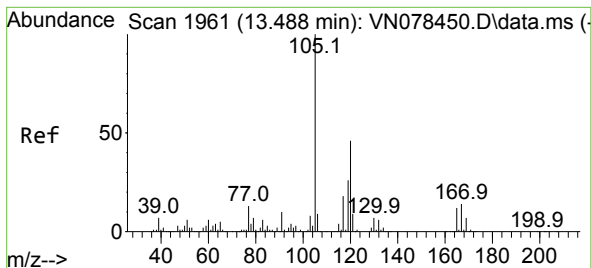
Tgt Ion: 75 Resp: 156231
Ion Ratio Lower Upper
75 100
53 0.1 67.4 101.2#
89 0.0 38.8 58.2#



#82
4-Chlorotoluene
Concen: 0.253 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078585.D
Acq: 20 Jul 2023 11:09

Tgt Ion: 91 Resp: 3644
Ion Ratio Lower Upper
91 100
126 35.3 16.7 50.0





#84

1,2,4-Trimethylbenzene

Concen: 0.202 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN078585.D

Acq: 20 Jul 2023 11:09

Instrument :

MSVOA_N

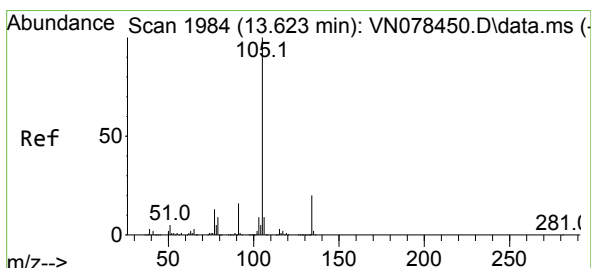
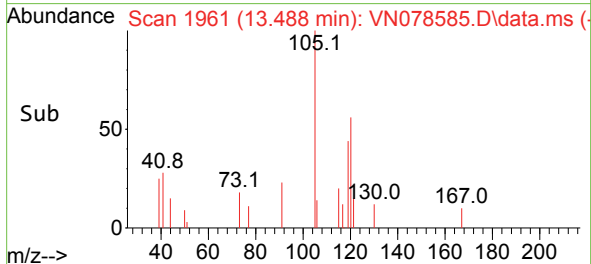
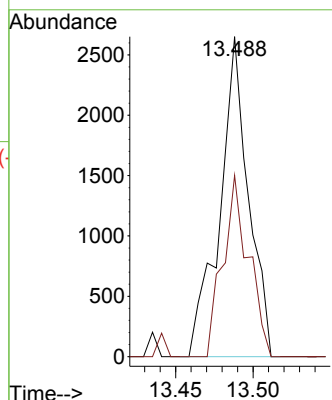
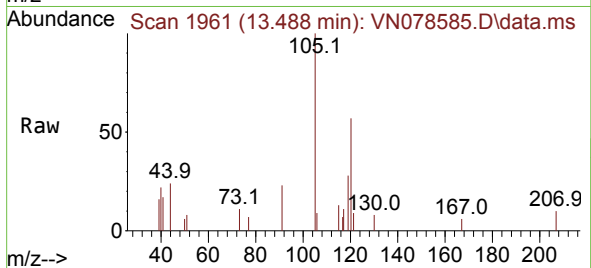
ClientSampleId :

Tgt Ion:105 Resp: 3415

Ion Ratio Lower Upper

105 100

120 50.4 22.0 66.0



#85

sec-Butylbenzene

Concen: 0.299 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN078585.D

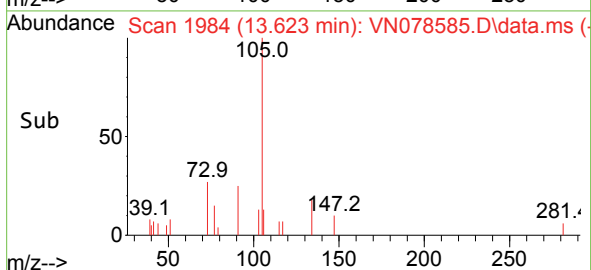
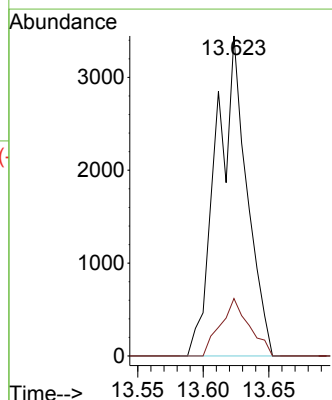
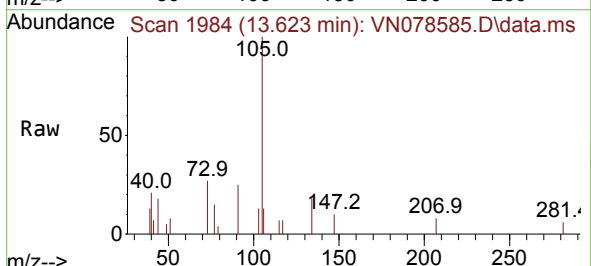
Acq: 20 Jul 2023 11:09

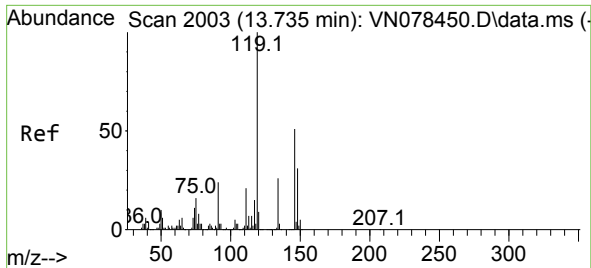
Tgt Ion:105 Resp: 5585

Ion Ratio Lower Upper

105 100

134 16.9 9.8 29.3

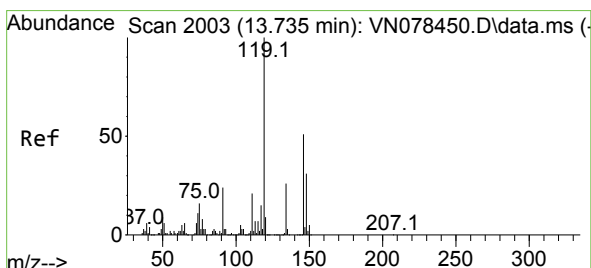
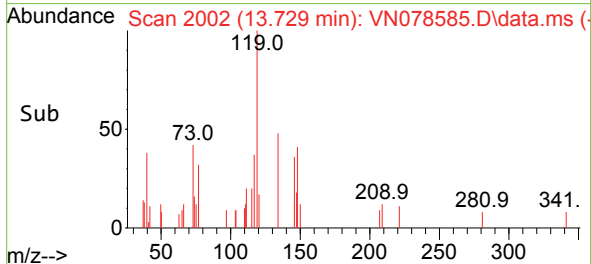
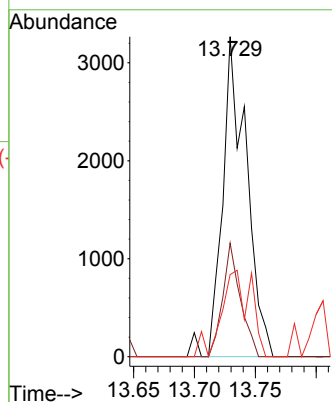
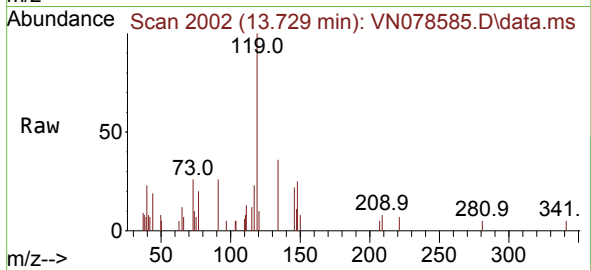




#86
p-Isopropyltoluene
Concen: 0.298 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.006 min
Lab File: VN078585.D
Acq: 20 Jul 2023 11:09

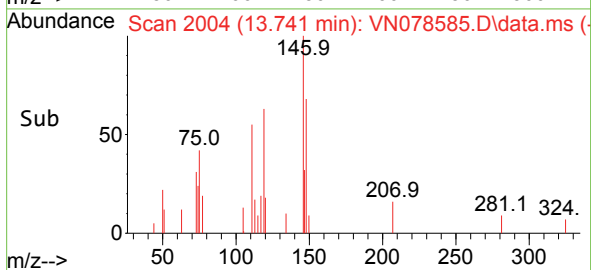
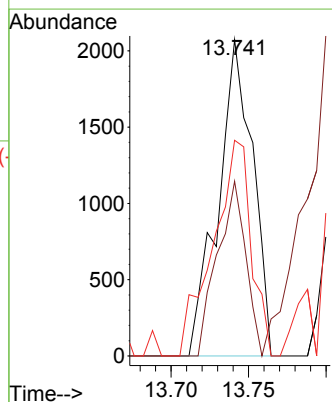
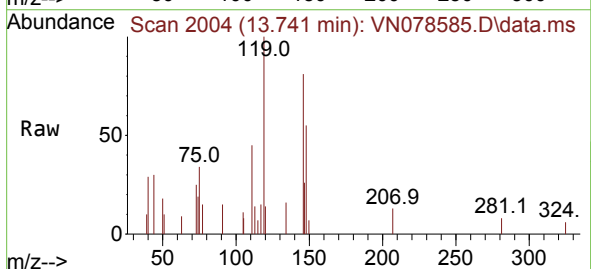
Instrument :
MSVOA_N
ClientSampleId :

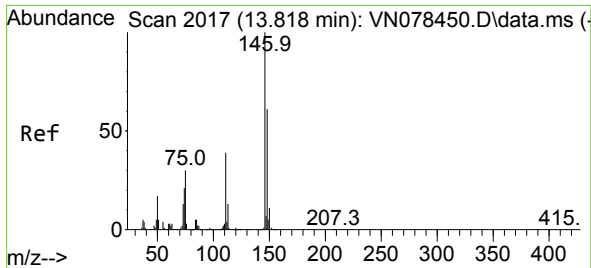
Tgt Ion:119 Resp: 4471
Ion Ratio Lower Upper
119 100
134 26.4 12.6 37.8
91 32.8 12.4 37.2



#87
1,3-Dichlorobenzene
Concen: 0.380 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.006 min
Lab File: VN078585.D
Acq: 20 Jul 2023 11:09

Tgt Ion:146 Resp: 3219
Ion Ratio Lower Upper
146 100
111 45.1 22.1 66.3
148 75.0 32.0 96.0

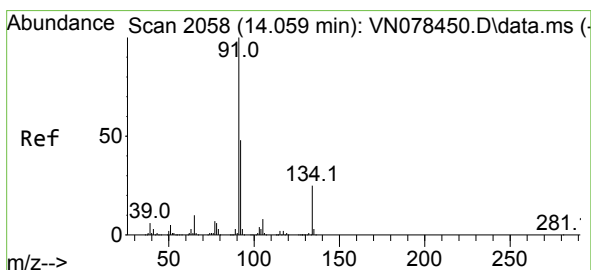
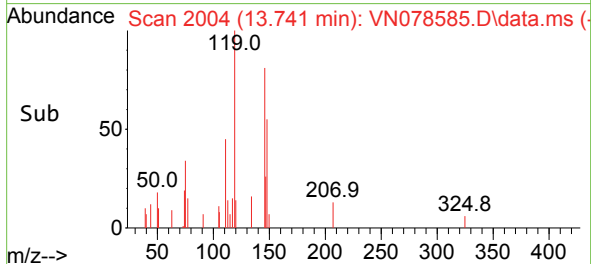
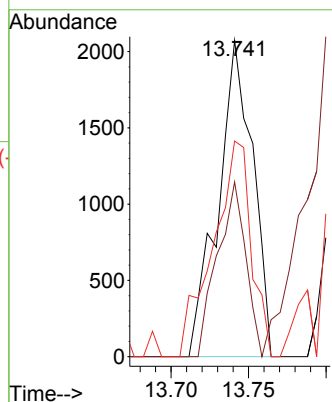
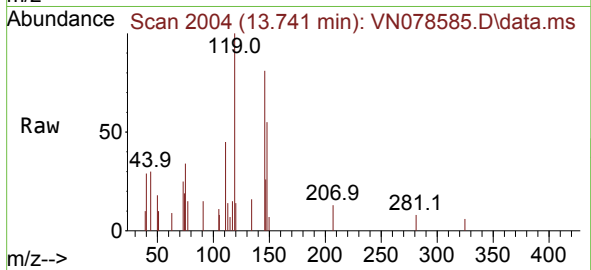




#88
1,4-Dichlorobenzene
Concen: 0.378 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. -0.077 min
Lab File: VN078585.D
Acq: 20 Jul 2023 11:09

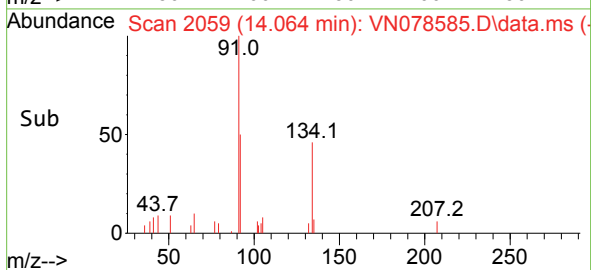
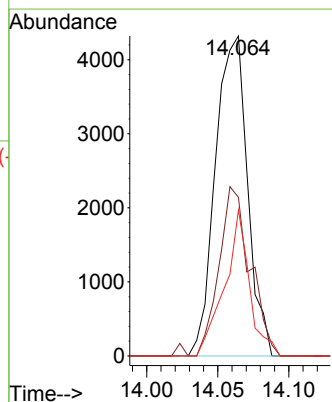
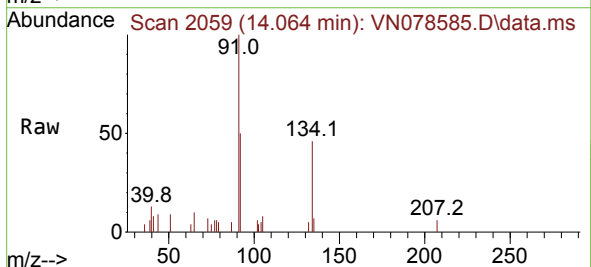
Instrument :
MSVOA_N
ClientSampleId :

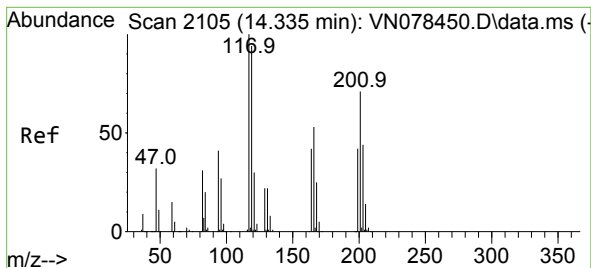
Tgt Ion:146 Resp: 3219
Ion Ratio Lower Upper
146 100
111 45.1 20.6 61.8
148 75.0 31.6 94.8



#89
n-Butylbenzene
Concen: 0.632 ug/l
RT: 14.064 min Scan# 2059
Delta R.T. 0.005 min
Lab File: VN078585.D
Acq: 20 Jul 2023 11:09

Tgt Ion: 91 Resp: 6782
Ion Ratio Lower Upper
91 100
92 51.3 26.4 79.0
134 35.3 12.6 37.6





#90

Hexachloroethane

Concen: Below Cal

RT: 14.329 min Scan# 2105

Delta R.T. -0.006 min

Lab File: VN078585.D

Acq: 20 Jul 2023 11:09

Instrument :

MSVOA_N

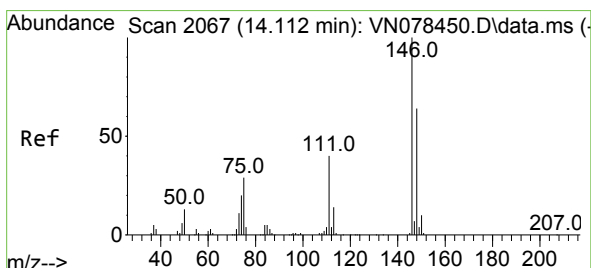
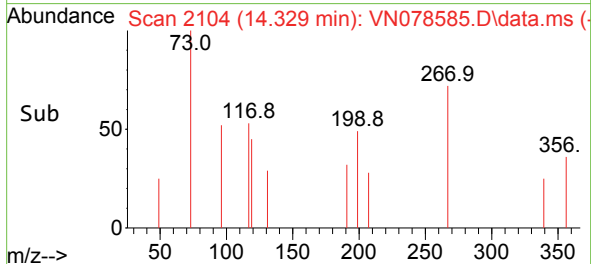
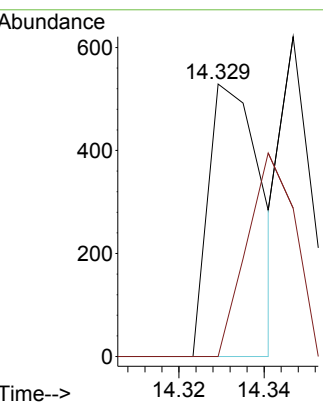
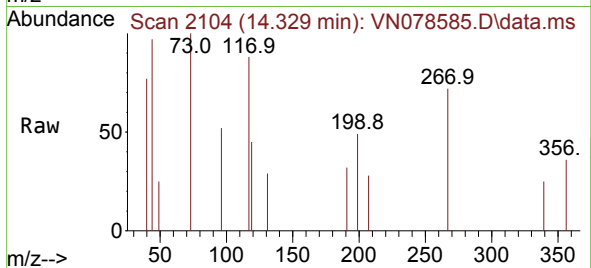
ClientSampleId :

Tgt Ion:117 Resp: 461

Ion Ratio Lower Upper

117 100

201 66.8 29.3 88.0



#91

1,2-Dichlorobenzene

Concen: 0.386 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. -0.000 min

Lab File: VN078585.D

Acq: 20 Jul 2023 11:09

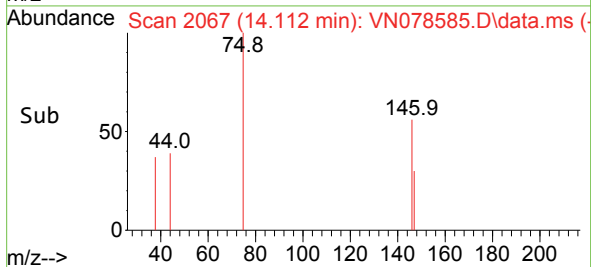
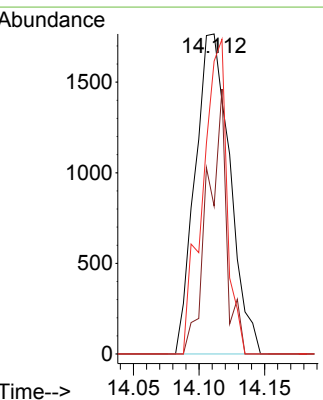
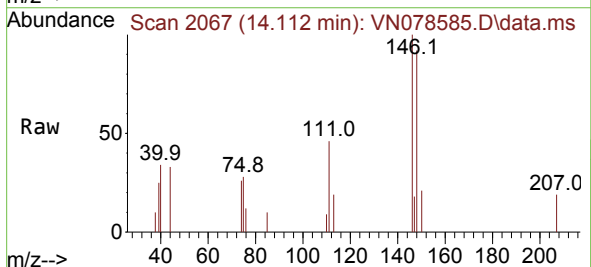
Tgt Ion:146 Resp: 3253

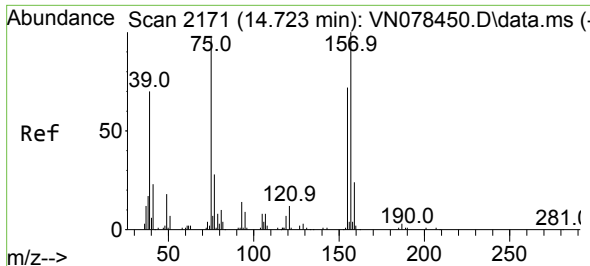
Ion Ratio Lower Upper

146 100

111 44.9 22.0 66.0

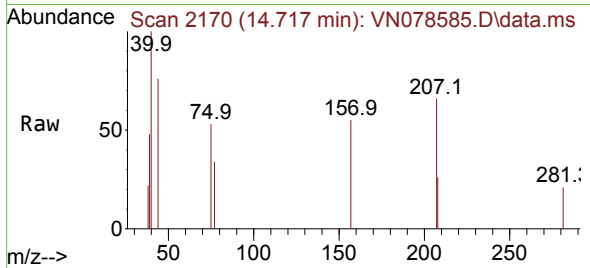
148 68.9 31.8 95.3



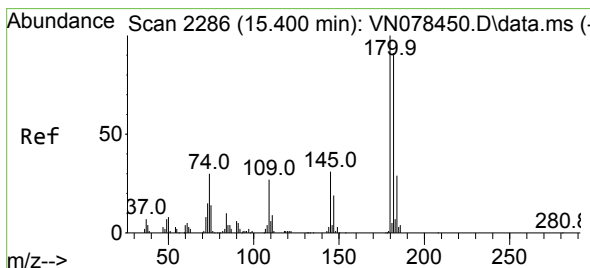
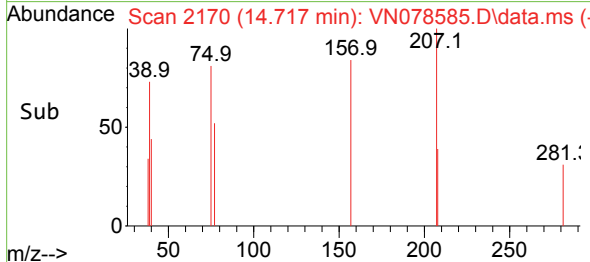
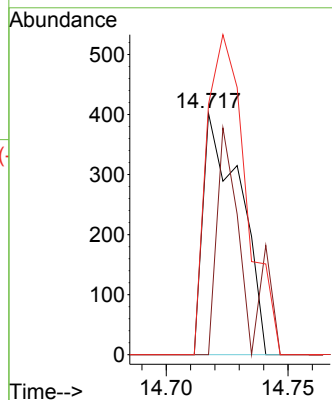


#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.717 min Scan# 2171
 Delta R.T. -0.006 min
 Lab File: VN078585.D
 Acq: 20 Jul 2023 11:09

Instrument :
 MSVOA_N
 ClientSampleId :

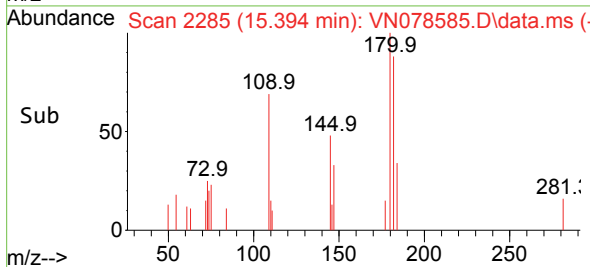
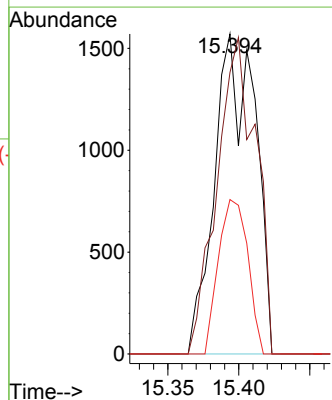
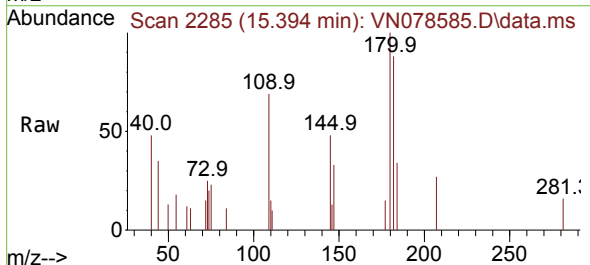


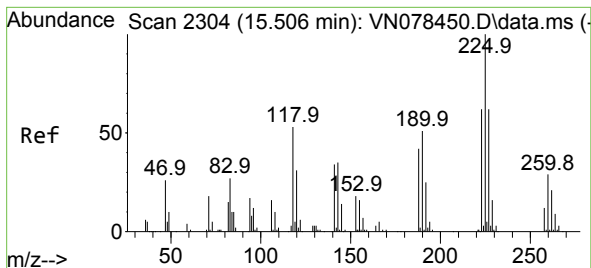
Tgt Ion: 75 Resp: 424
 Ion Ratio Lower Upper
 75 100
 155 66.0 39.1 117.2
 157 141.5 50.3 150.9



#93
 1,2,4-Trichlorobenzene
 Concen: 1.164 ug/l
 RT: 15.394 min Scan# 2285
 Delta R.T. -0.006 min
 Lab File: VN078585.D
 Acq: 20 Jul 2023 11:09

Tgt Ion: 180 Resp: 3127
 Ion Ratio Lower Upper
 180 100
 182 94.1 46.1 138.2
 145 35.0 16.6 49.8





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.506 min Scan# 21

Delta R.T. -0.000 min

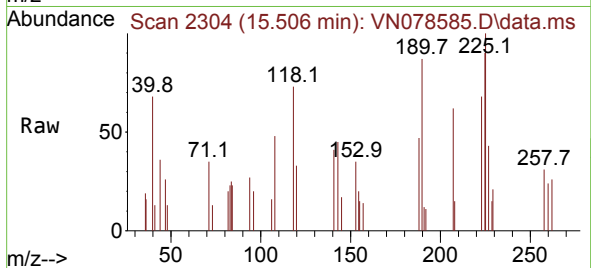
Lab File: VN078585.D

Acq: 20 Jul 2023 11:09

Instrument :

MSVOA_N

ClientSampleId :



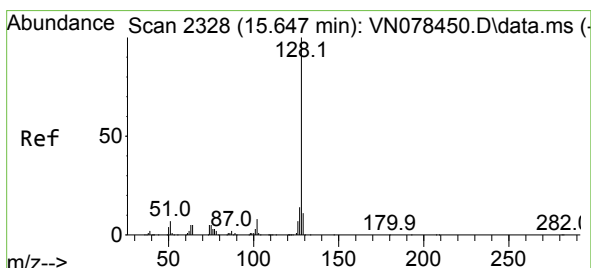
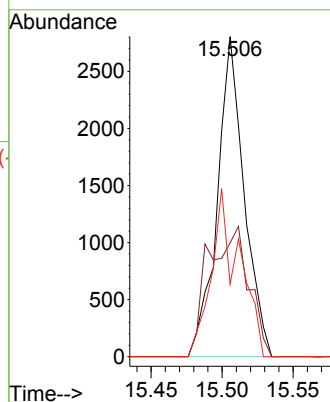
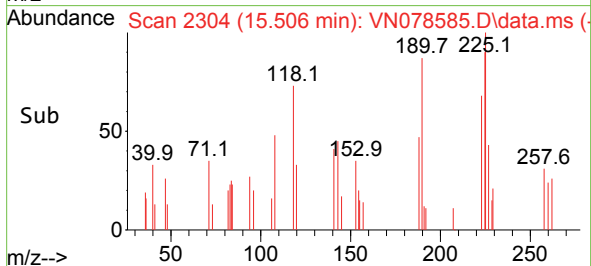
Tgt Ion:225 Resp: 3698

Ion Ratio Lower Upper

225 100

223 60.9 31.3 93.8

227 54.1 31.9 95.9



#95

Naphthalene

Concen: 1.161 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN078585.D

Acq: 20 Jul 2023 11:09

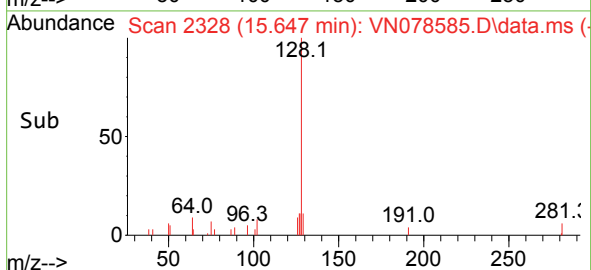
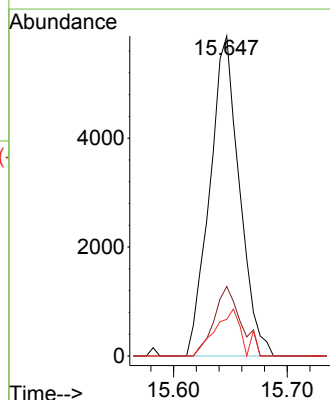
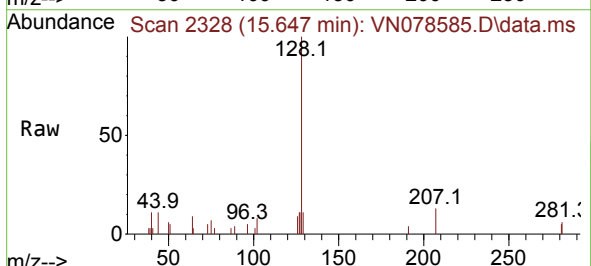
Tgt Ion:128 Resp: 10662

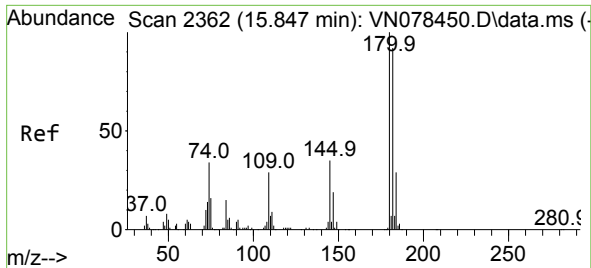
Ion Ratio Lower Upper

128 100

127 19.5 10.0 15.0#

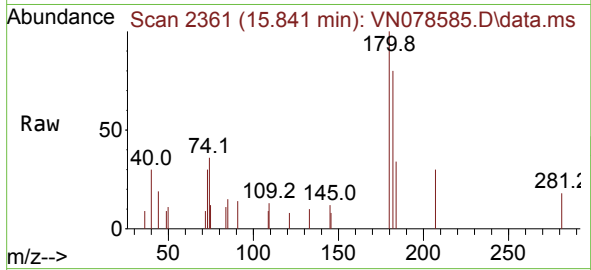
129 13.5 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.358 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN078585.D
 Acq: 20 Jul 2023 11:09

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	46.2	138.6
145	12.1	17.5	52.6#

