

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041223\
 Data File : VN077307.D
 Acq On : 12 Apr 2023 10:54
 Operator : JC\MD
 Sample : VN0412MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0412MBL01

Quant Time: Apr 13 01:10:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	438138	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	828891	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	736014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	253137	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	274600	45.857	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.720%		
35) Dibromofluoromethane	8.172	113	258120	48.644	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.280%		
50) Toluene-d8	10.572	98	1024150	47.944	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.880%		
62) 4-Bromofluorobenzene	12.854	95	301079	42.378	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	84.760%		
Target Compounds						Qvalue
3) Chloromethane	2.372	50	1446	0.209	ug/l #	78
5) Bromomethane	2.990	94	3887	0.571	ug/l	84
6) Chloroethane	3.143	64	1525	0.227	ug/l #	41
10) Methyl Iodide	4.607	142	1713	0.282	ug/l #	89
11) Tert butyl alcohol	5.519	59	275	0.225	ug/l #	70
13) Acrolein	4.190	56	598	0.517	ug/l #	1
15) Acrylonitrile	5.731	53	1405	0.520	ug/l #	81
16) Acetone	4.419	43	756	0.342	ug/l #	39
17) Carbon Disulfide	4.725	76	4115	0.297	ug/l #	75
20) Methylene Chloride	5.284	84	2429	0.390	ug/l #	66
25) 2-Butanone	7.484	43	1023	0.285	ug/l #	41
31) Cyclohexane	8.225	56	11334	1.218	ug/l #	44
36) 1,1-Dichloropropene	8.236	75	38997	4.969	ug/l #	50
38) Carbon Tetrachloride	8.231	117	46064	5.729	ug/l #	16
49) 1,4-Dioxane	9.719	88	149	1.112	ug/l #	1
51) 4-Methyl-2-Pentanone	10.448	43	3152	0.421	ug/l #	69
59) 2-Hexanone	11.195	43	5906	1.059	ug/l	88
68) m/p-Xylenes	12.083	106	2540	0.216	ug/l	82
74) N-amyl acetate	12.501	43	3480	0.373	ug/l #	91
76) 1,2,3-Trichloropropane	12.854	75	163264	27.085	ug/l #	1
77) Bromobenzene	12.989	156	1225	0.245	ug/l	89
79) 2-Chlorotoluene	13.230	91	3786	0.231	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.854	75	163264	60.950	ug/l #	13
82) 4-Chlorotoluene	13.230	91	3786	0.245	ug/l	94
87) 1,3-Dichlorobenzene	13.730	146	3378	0.365	ug/l	96
88) 1,4-Dichlorobenzene	13.730	146	3378	0.370	ug/l	94
89) n-Butylbenzene	14.066	91	6477	0.408	ug/l	98
91) 1,2-Dichlorobenzene	14.107	146	3123	0.338	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.718	75	627	0.429	ug/l	73
93) 1,2,4-Trichlorobenzene	15.377	180	3737	1.119	ug/l	81
94) Hexachlorobutadiene	15.465	225	649	0.336	ug/l #	44
95) Naphthalene	15.583	128	15908	1.268	ug/l	98
96) 1,2,3-Trichlorobenzene	15.760	180	4477	1.401	ug/l	83

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

Instrument :

MSVOA_N

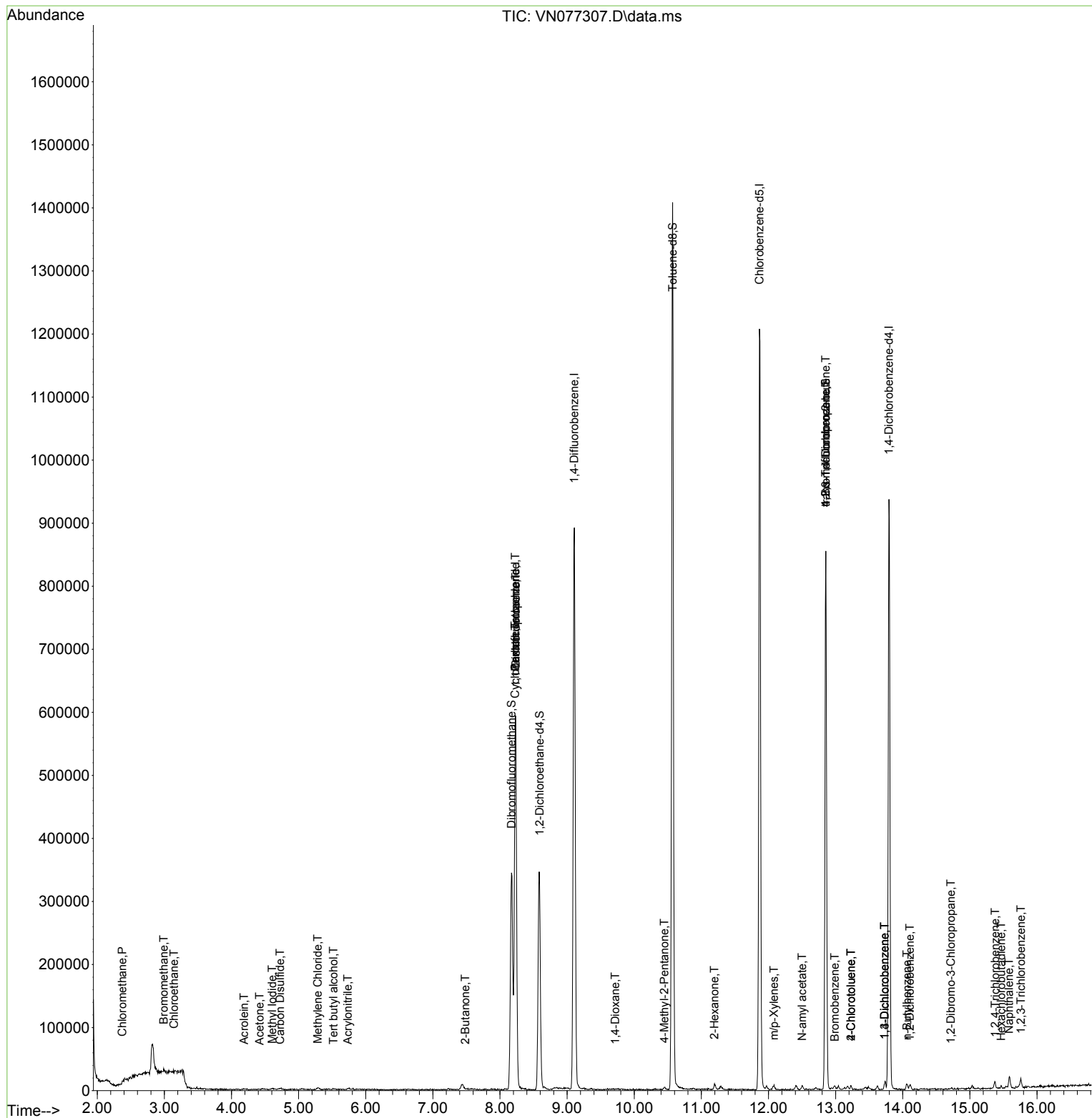
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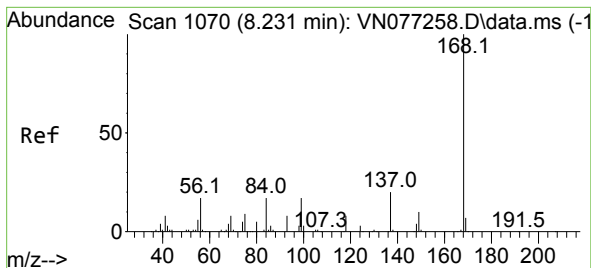
VN0412MBL01

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Quant Time: Apr 13 01:10:10 2023
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Quant Title : SW846 8260
QLast Update : Thu Apr 06 08:27:03 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.231 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077307.D

Acq: 12 Apr 2023 10:54

Instrument :

MSVOA_N

ClientSampleId :

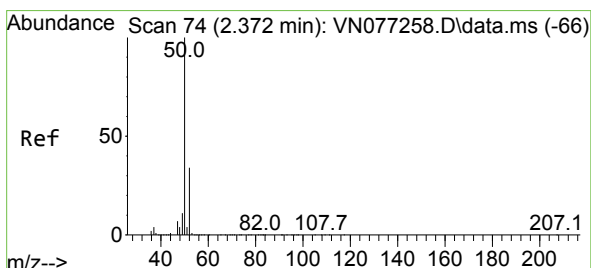
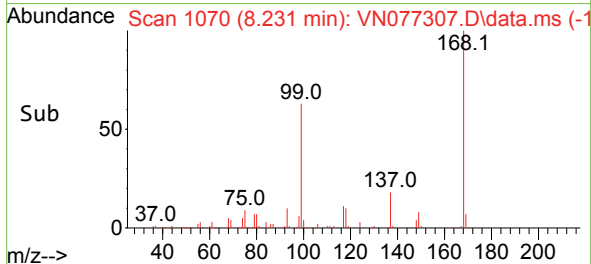
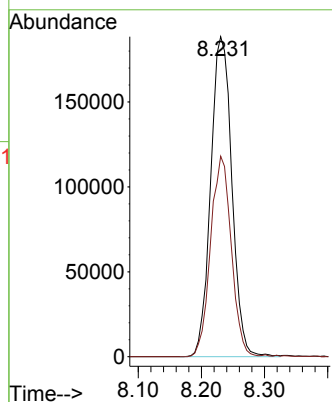
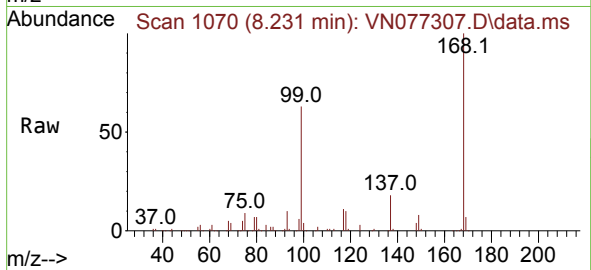
VN0412MBL01

Tgt Ion:168 Resp: 438138

Ion Ratio Lower Upper

168 100

99 62.6 50.6 75.8



#3

Chloromethane

Concen: 0.209 ug/l

RT: 2.372 min Scan# 74

Delta R.T. 0.000 min

Lab File: VN077307.D

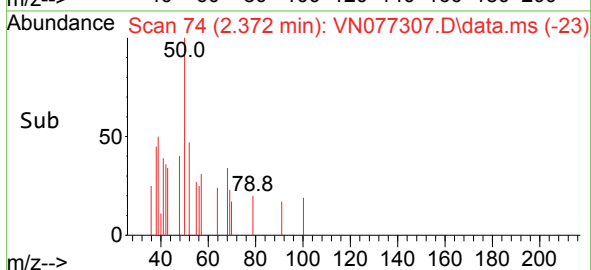
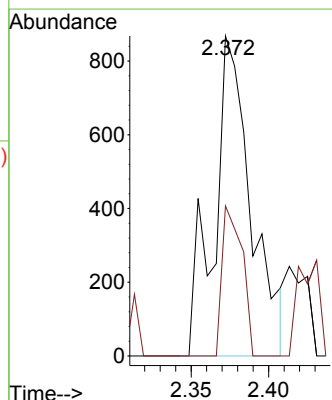
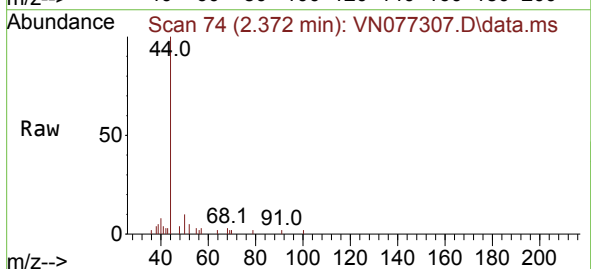
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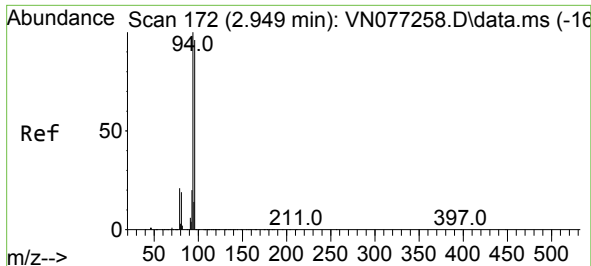
Tgt Ion: 50 Resp: 1446

Ion Ratio Lower Upper

50 100

52 46.9 27.3 40.9#

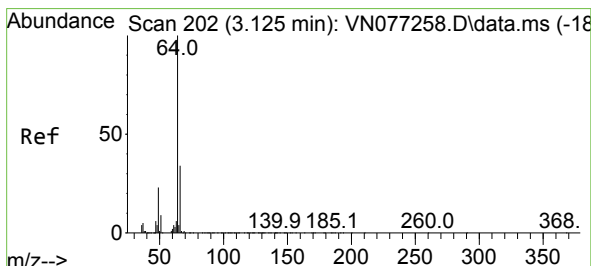
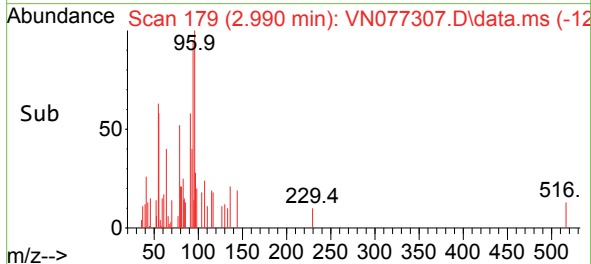
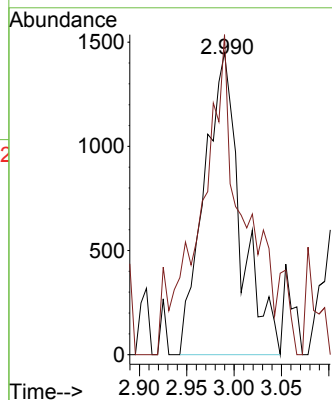
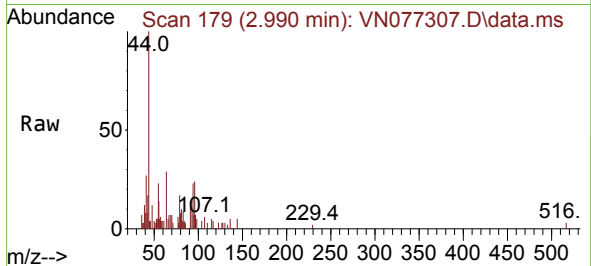




#5
Bromomethane
Concen: 0.571 ug/l
RT: 2.990 min Scan# 11
Delta R.T. 0.041 min
Lab File: VN077307.D
Acq: 12 Apr 2023 10:54

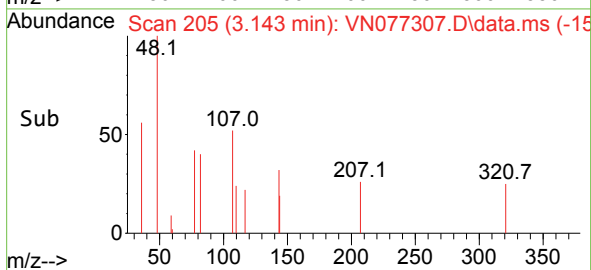
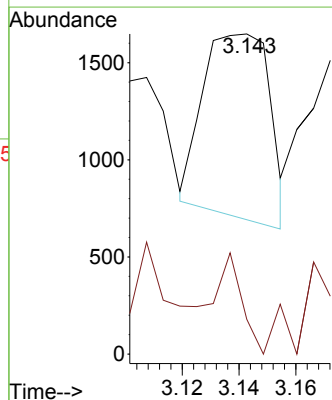
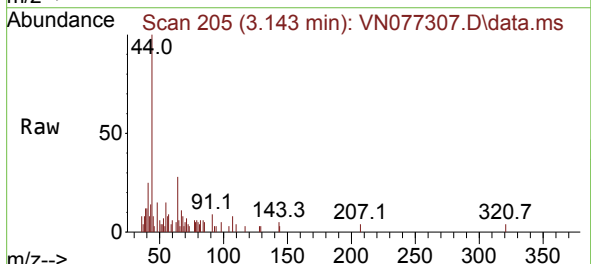
Instrument :
MSVOA_N
ClientSampleId :
VN0412MBL01

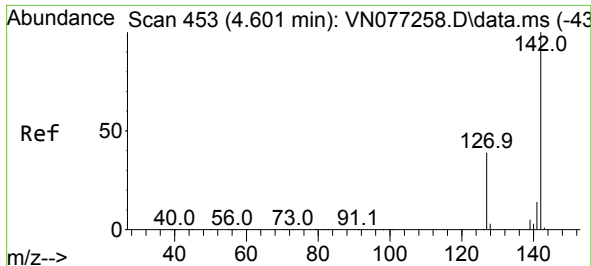
Tgt Ion: 94 Resp: 3887
Ion Ratio Lower Upper
94 100
96 80.5 77.0 115.4



#6
Chloroethane
Concen: 0.227 ug/l
RT: 3.143 min Scan# 205
Delta R.T. 0.018 min
Lab File: VN077307.D
Acq: 12 Apr 2023 10:54

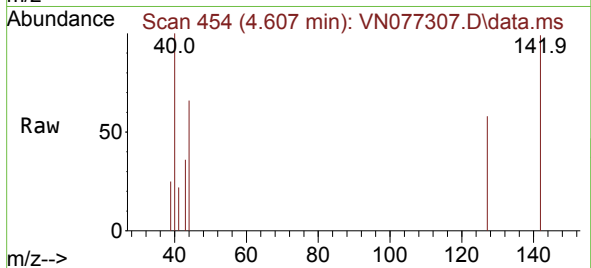
Tgt Ion: 64 Resp: 1525
Ion Ratio Lower Upper
64 100
66 0.0 26.9 40.3#



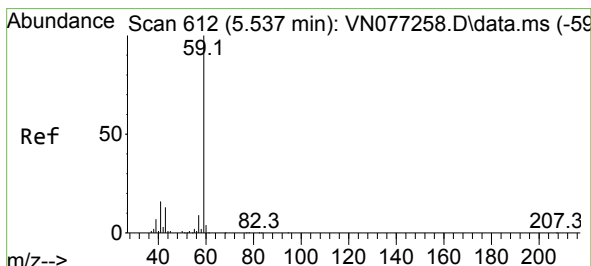
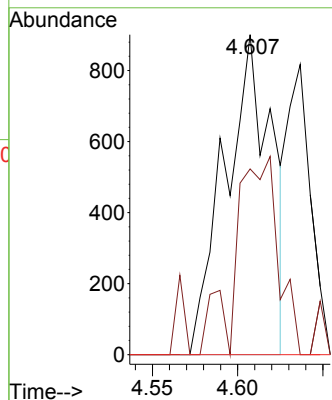
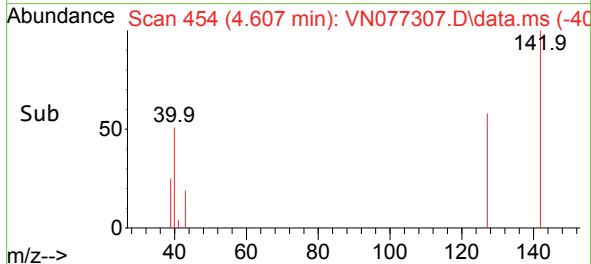


#10
Methyl Iodide
Concen: 0.282 ug/l
RT: 4.607 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077307.D
Acq: 12 Apr 2023 10:54

Instrument :
MSVOA_N
ClientSampleId :
VN0412MBL01

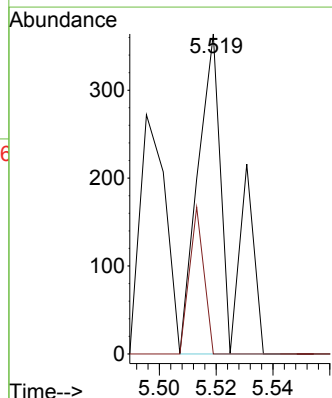
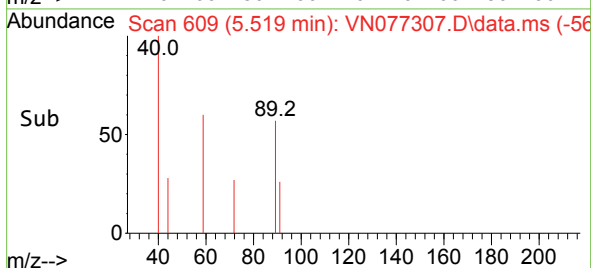
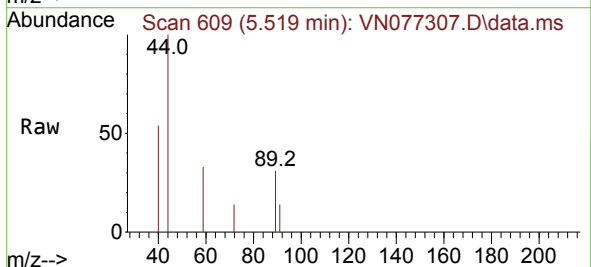


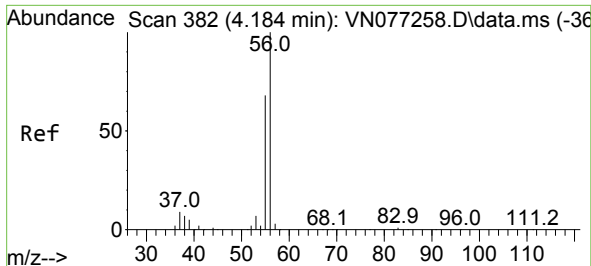
Tgt Ion:142 Resp: 1713
Ion Ratio Lower Upper
142 100
127 40.8 31.5 47.3
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 0.225 ug/l
RT: 5.519 min Scan# 609
Delta R.T. -0.018 min
Lab File: VN077307.D
Acq: 12 Apr 2023 10:54

Tgt Ion: 59 Resp: 275
Ion Ratio Lower Upper
59 100
57 21.5 8.3 12.5#

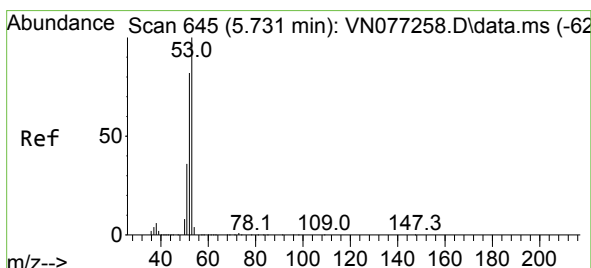
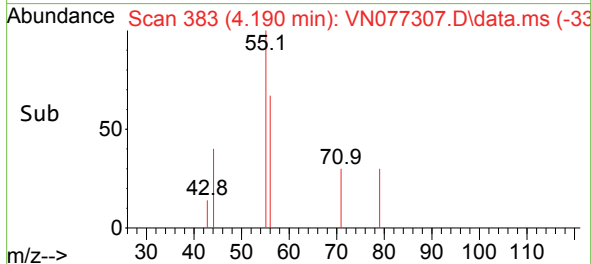
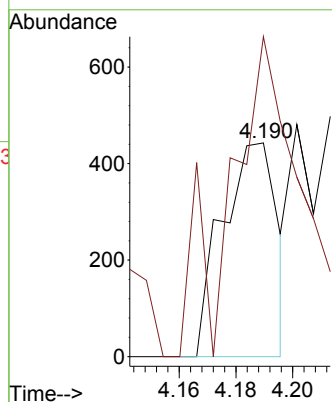
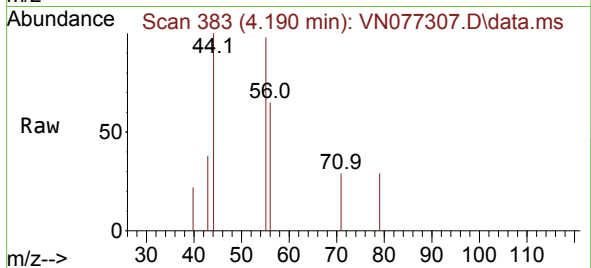




#13
Acrolein
Concen: 0.517 ug/l
RT: 4.190 min Scan# 383
Delta R.T. 0.006 min
Lab File: VN077307.D
Acq: 12 Apr 2023 10:54

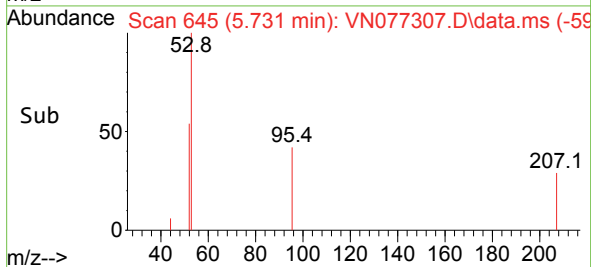
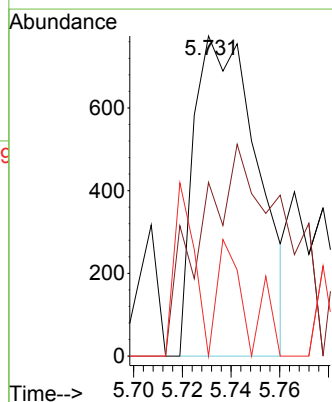
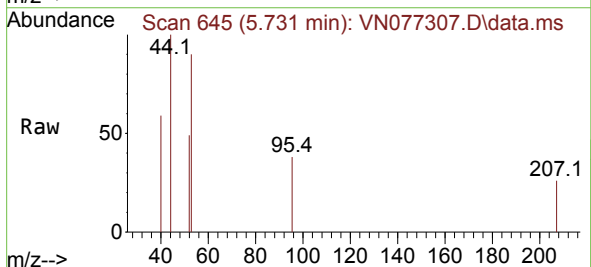
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ClientSampleId :
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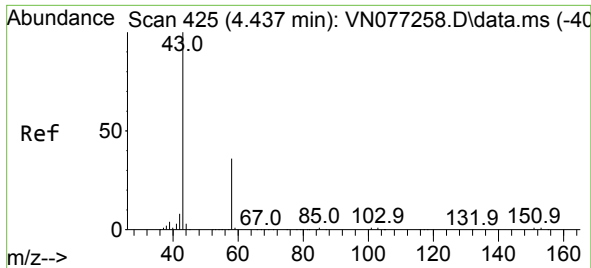
Tgt Ion: 56 Resp: 598
Ion Ratio Lower Upper
56 100
55 209.5 54.2 81.2#



#15
Acrylonitrile
Concen: 0.520 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077307.D
Acq: 12 Apr 2023 10:54

Tgt Ion: 53 Resp: 1405
Ion Ratio Lower Upper
53 100
52 94.2 65.2 97.8
51 17.2 28.1 42.1#

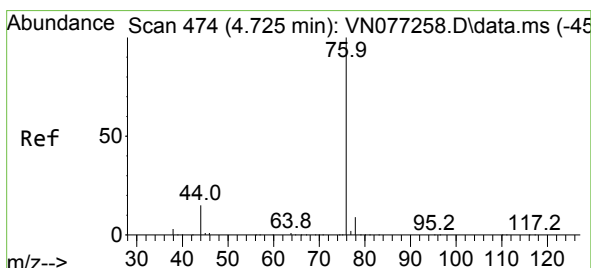
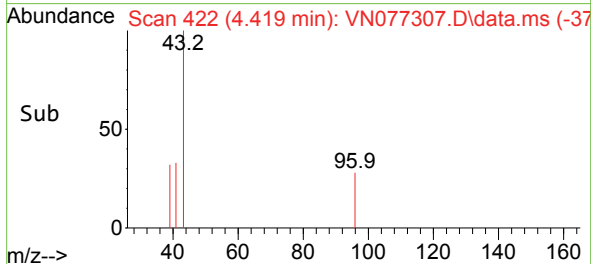
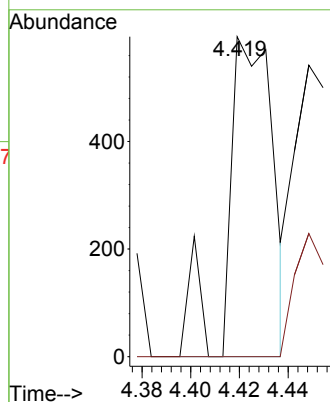
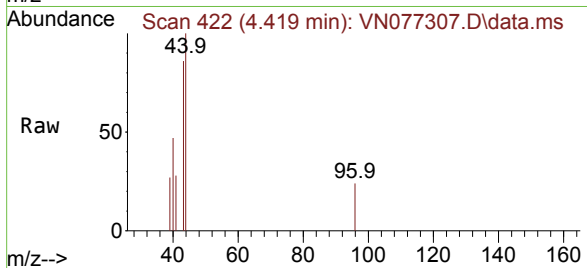




#16
Acetone
Concen: 0.342 ug/l
RT: 4.419 min Scan# 41
Delta R.T. -0.018 min
Lab File: VN077307.D
Acq: 12 Apr 2023 10:54

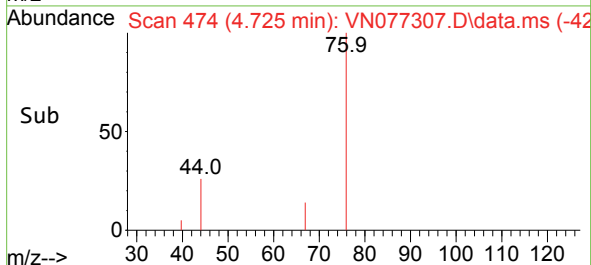
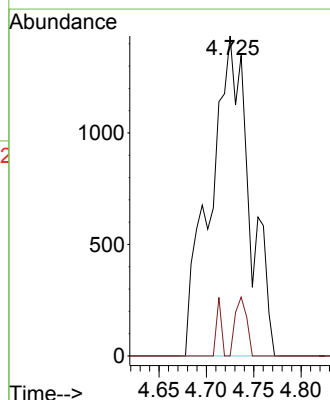
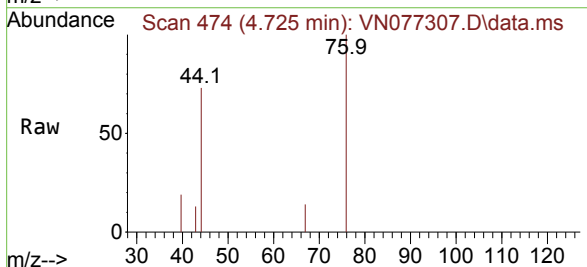
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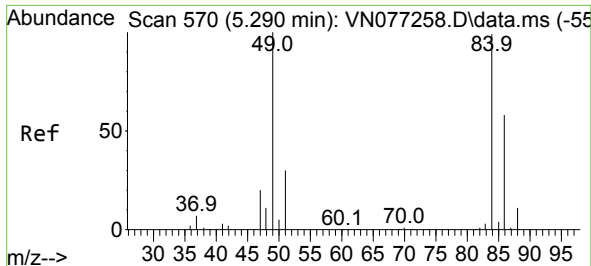
Tgt Ion: 43 Resp: 756
Ion Ratio Lower Upper
43 100
58 0.0 29.0 43.6#



#17
Carbon Disulfide
Concen: 0.297 ug/l
RT: 4.725 min Scan# 474
Delta R.T. -0.000 min
Lab File: VN077307.D
Acq: 12 Apr 2023 10:54

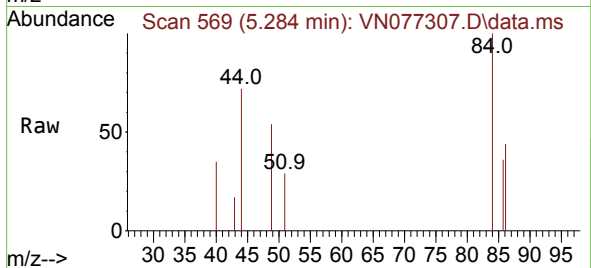
Tgt Ion: 76 Resp: 4115
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#





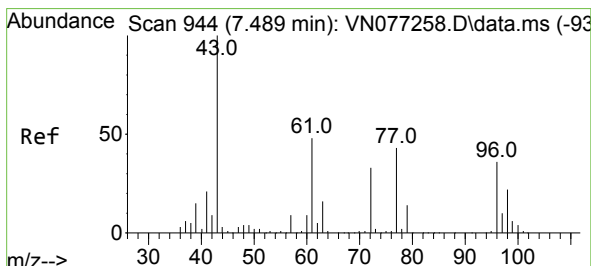
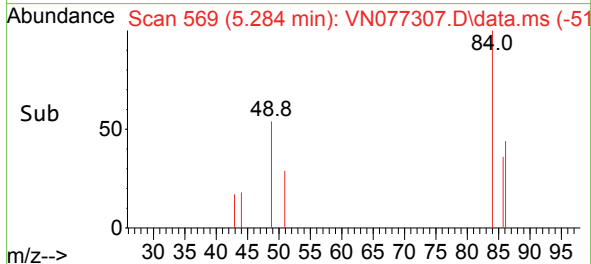
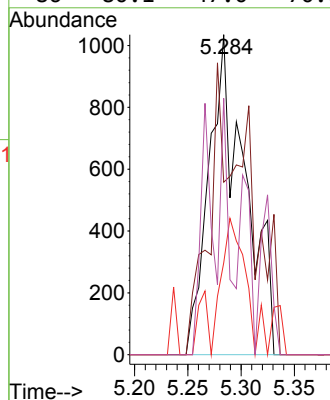
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Methylene Chloride
Concen: 0.390 ug/l
RT: 5.284 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN077307.D
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Instrument :
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Tgt Ion: 84 Resp: 2429

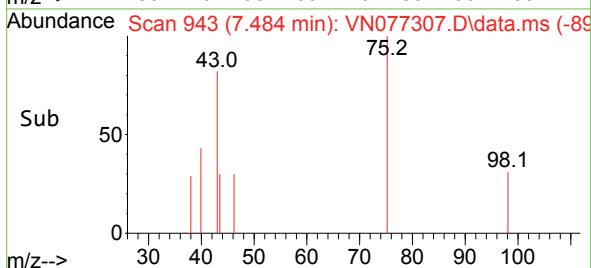
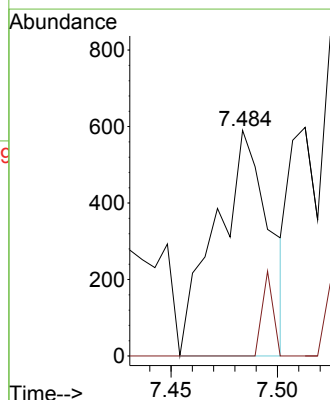
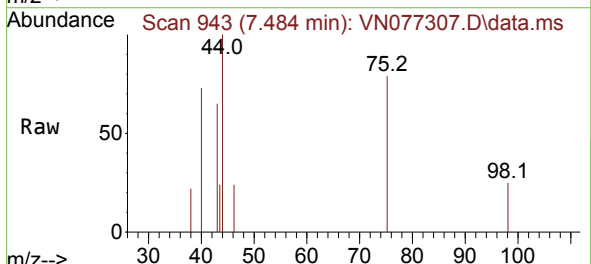
Ion	Ratio	Lower	Upper
84	100		
49	53.9	80.6	121.0#
51	28.7	24.4	36.6
86	80.1	47.0	70.6#

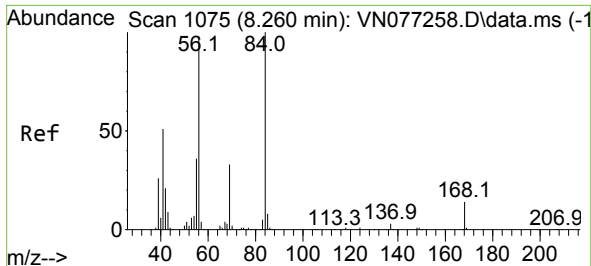


#25
2-Butanone
Concen: 0.285 ug/l
RT: 7.484 min Scan# 943
Delta R.T. -0.005 min
Lab File: VN077307.D
Acq: 12 Apr 2023 10:54

Tgt Ion: 43 Resp: 1023

Ion	Ratio	Lower	Upper
43	100		
72	0.0	26.6	39.8#

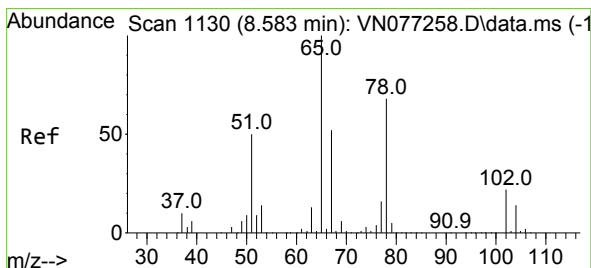
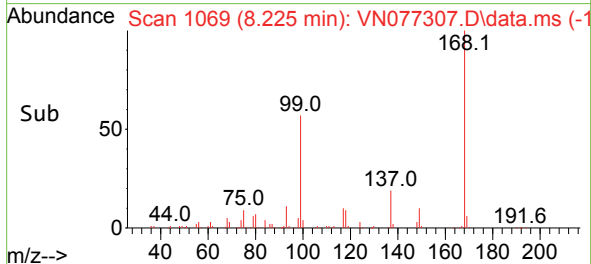
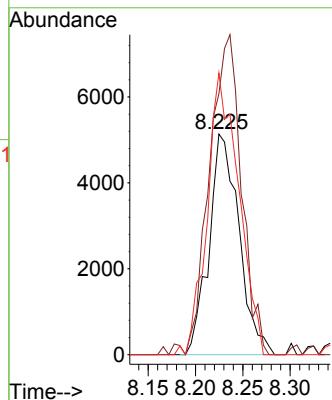
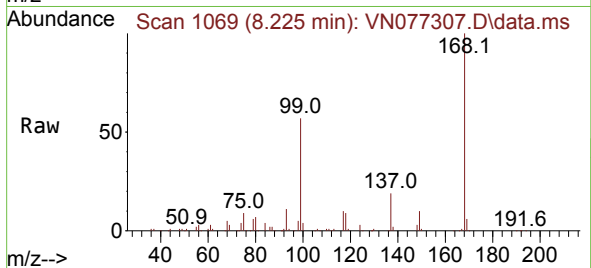




#31
Cyclohexane
Concen: 1.218 ug/l
RT: 8.225 min Scan# 1106
Delta R.T. -0.035 min
Lab File: VN077307.D
Acq: 12 Apr 2023 10:54

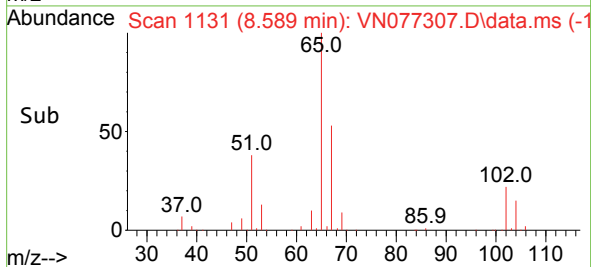
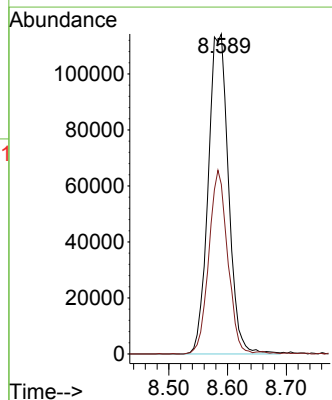
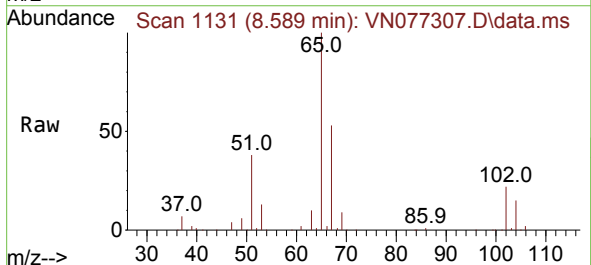
Instrument :
MSVOA_N
ClientSampleId :
VN0412MBL01

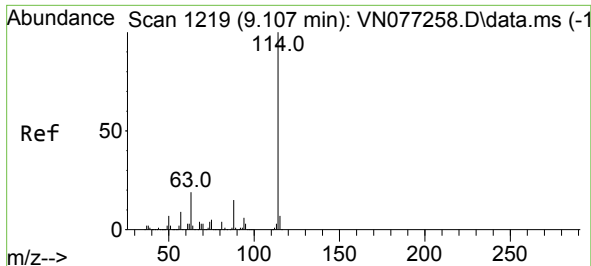
Tgt Ion: 56 Resp: 11334
Ion Ratio Lower Upper
56 100
69 118.3 26.6 40.0#
84 127.7 81.8 122.8#



#33
1,2-Dichloroethane-d4
Concen: 45.857 ug/l
RT: 8.589 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN077307.D
Acq: 12 Apr 2023 10:54

Tgt Ion: 65 Resp: 274600
Ion Ratio Lower Upper
65 100
67 53.1 0.0 108.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077307.D

Acq: 12 Apr 2023 10:54

Instrument :

MSVOA_N

ClientSampleId :

VN0412MBL01

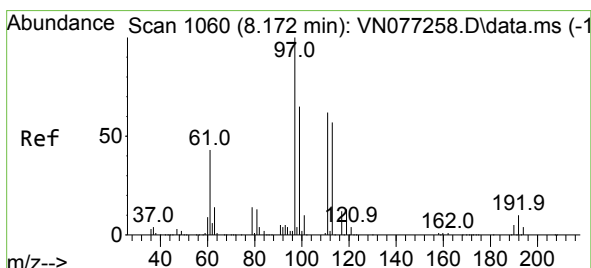
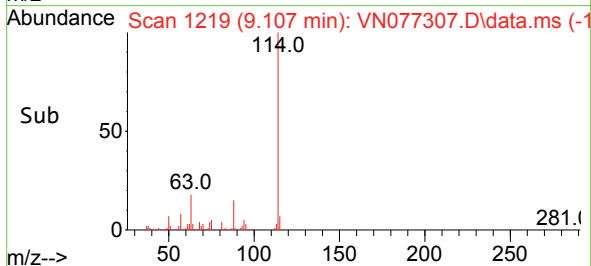
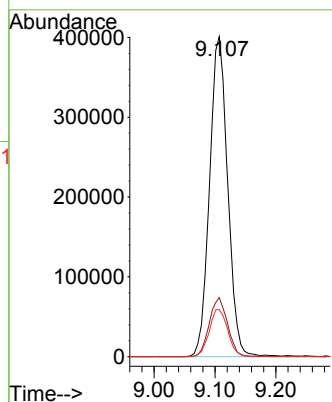
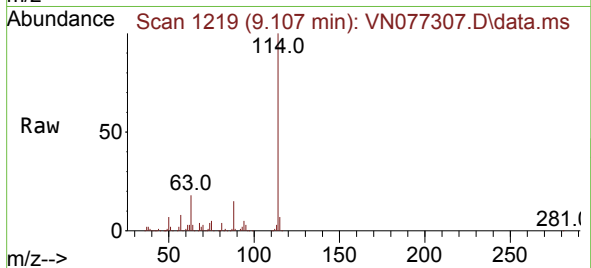
Tgt Ion:114 Resp: 828891

Ion Ratio Lower Upper

114 100

63 18.4 0.0 37.8

88 14.7 0.0 29.4



#35

Dibromofluoromethane

Concen: 48.644 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077307.D

Acq: 12 Apr 2023 10:54

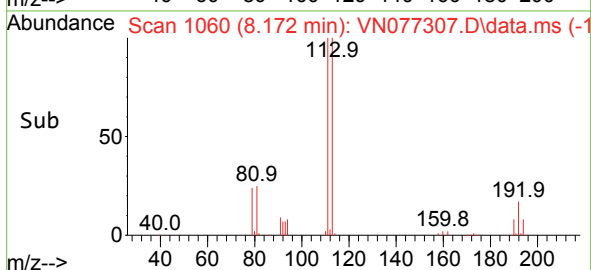
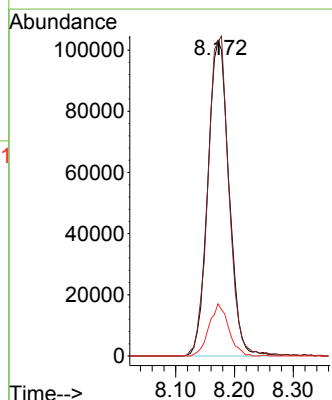
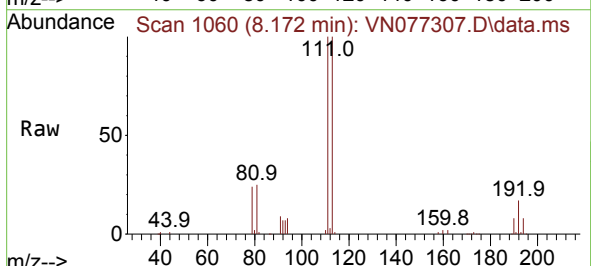
Tgt Ion:113 Resp: 258120

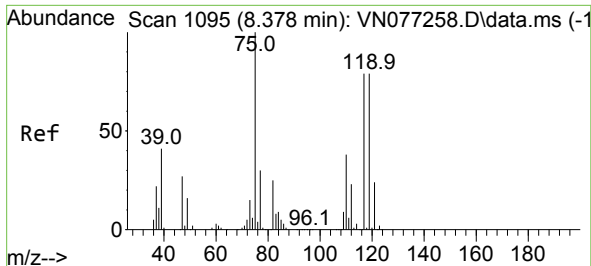
Ion Ratio Lower Upper

113 100

111 100.0 83.4 125.0

192 15.3 13.5 20.3

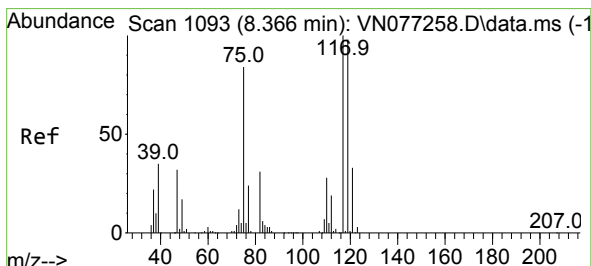
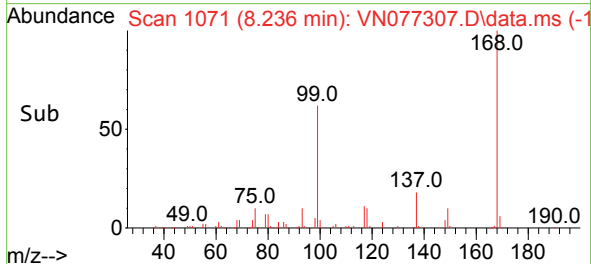
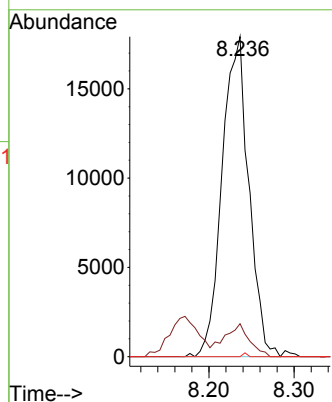
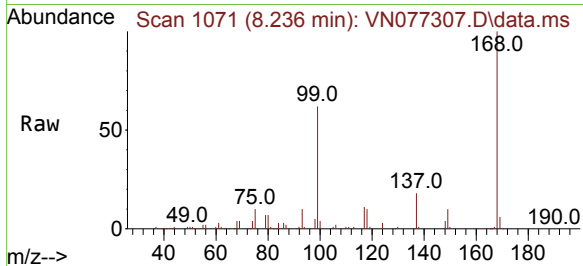




#36
 1,1-Dichloropropene
 Concen: 4.969 ug/l
 RT: 8.236 min Scan# 1071
 Delta R.T. -0.142 min
 Lab File: VN077307.D
 Acq: 12 Apr 2023 10:54

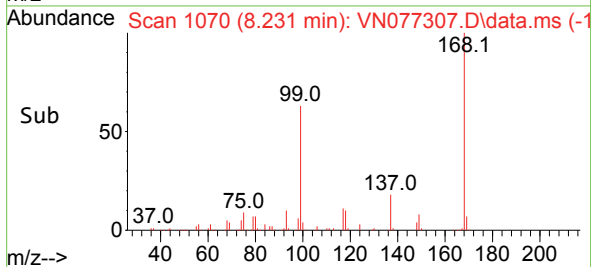
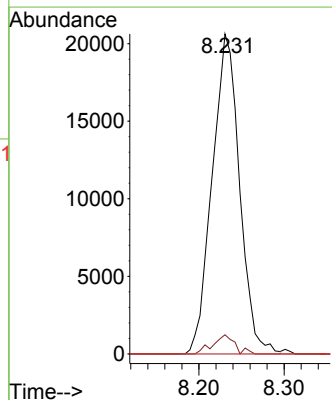
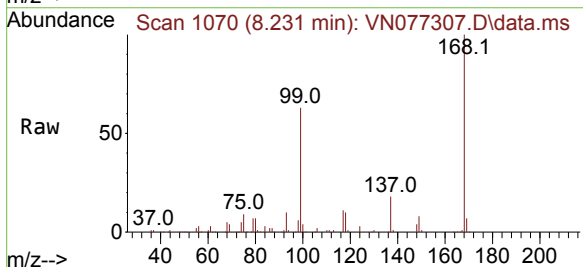
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0412MBL01

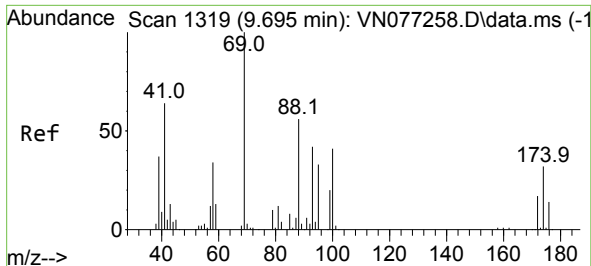
Tgt Ion: 75 Resp: 38997
 Ion Ratio Lower Upper
 75 100
 110 9.7 17.8 53.5#
 77 0.2 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 5.729 ug/l
 RT: 8.231 min Scan# 1070
 Delta R.T. -0.135 min
 Lab File: VN077307.D
 Acq: 12 Apr 2023 10:54

Tgt Ion: 117 Resp: 46064
 Ion Ratio Lower Upper
 117 100
 119 6.0 78.5 117.7#
 121 0.0 26.6 40.0#





#49

1,4-Dioxane

Concen: 1.112 ug/l

RT: 9.719 min Scan# 11

Delta R.T. 0.024 min

Lab File: VN077307.D

Acq: 12 Apr 2023 10:54

Instrument :

MSVOA_N

ClientSampleId :

VN0412MBL01

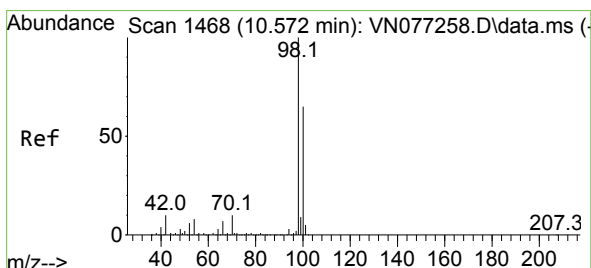
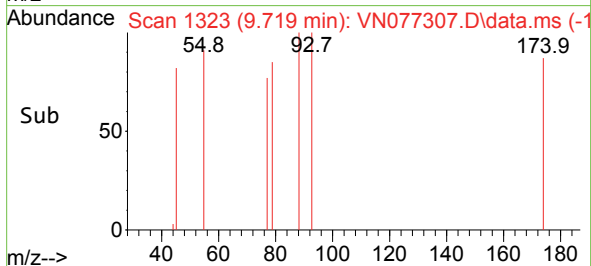
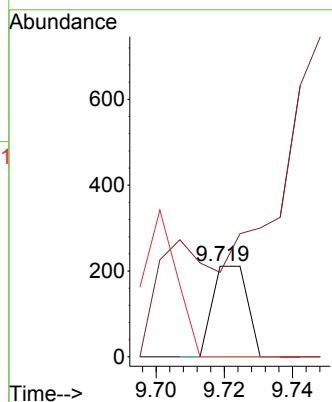
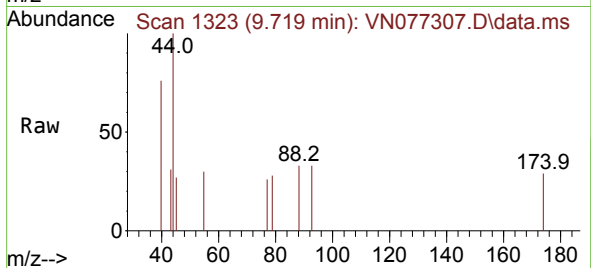
Tgt Ion: 88 Resp: 149

Ion Ratio Lower Upper

88 100

43 216.8 17.0 25.6#

58 159.1 49.8 74.6#



#50

Toluene-d8

Concen: 47.944 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN077307.D

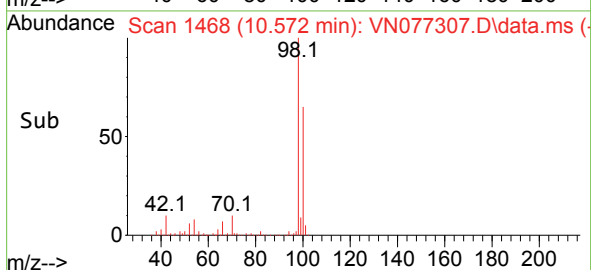
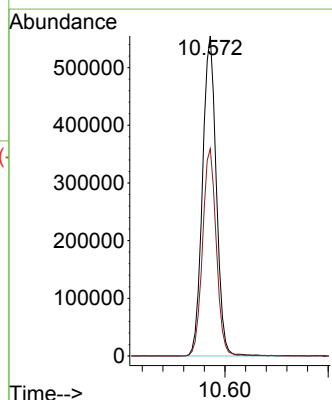
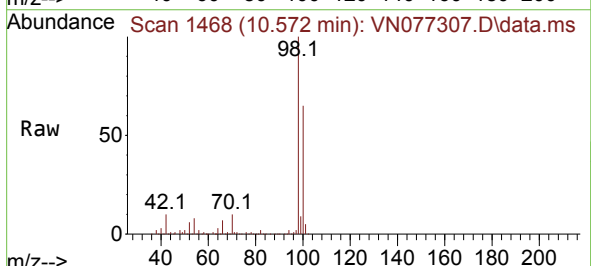
Acq: 12 Apr 2023 10:54

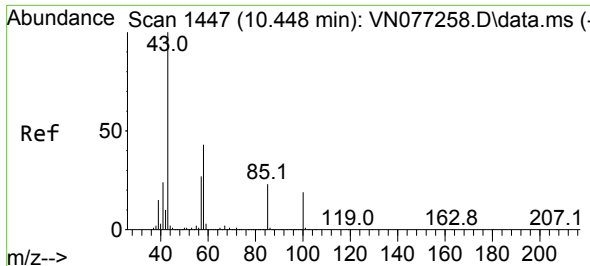
Tgt Ion: 98 Resp: 1024150

Ion Ratio Lower Upper

98 100

100 64.6 51.3 76.9

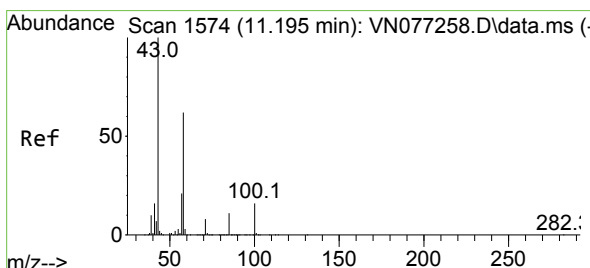
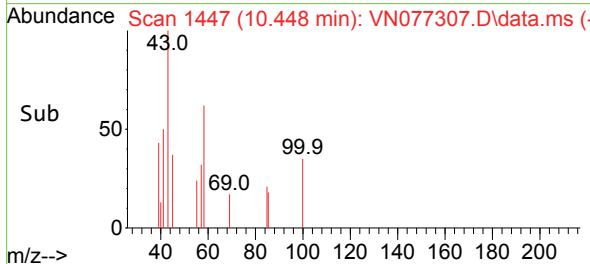
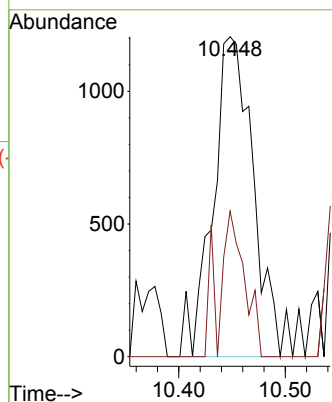
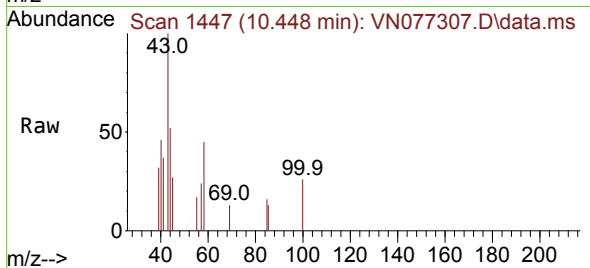




#51
4-Methyl-2-Pentanone
Concen: 0.421 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077307.D
Acq: 12 Apr 2023 10:54

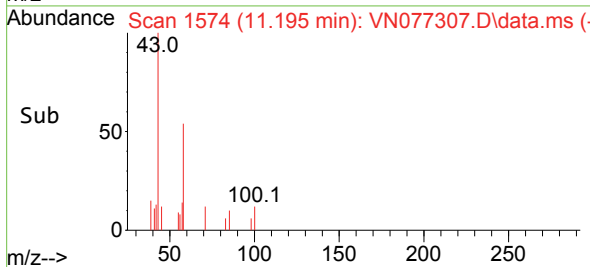
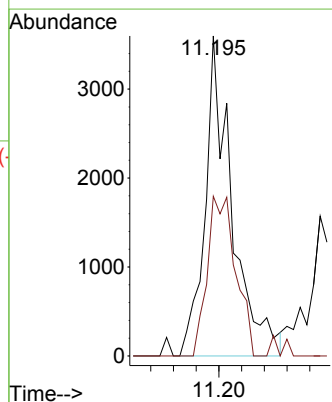
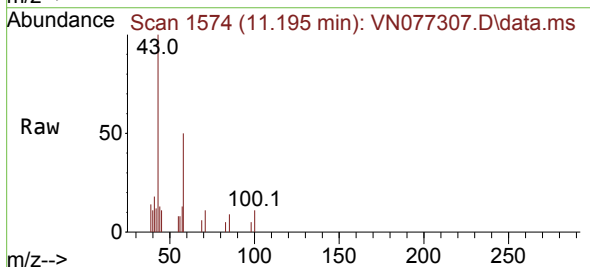
Instrument :
MSVOA_N
ClientSampleId :
VN0412MBL01

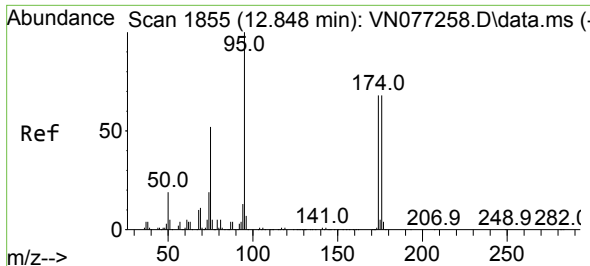
Tgt Ion: 43 Resp: 3152
Ion Ratio Lower Upper
43 100
58 23.6 34.6 52.0#



#59
2-Hexanone
Concen: 1.059 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN077307.D
Acq: 12 Apr 2023 10:54

Tgt Ion: 43 Resp: 5906
Ion Ratio Lower Upper
43 100
58 52.7 30.9 92.5

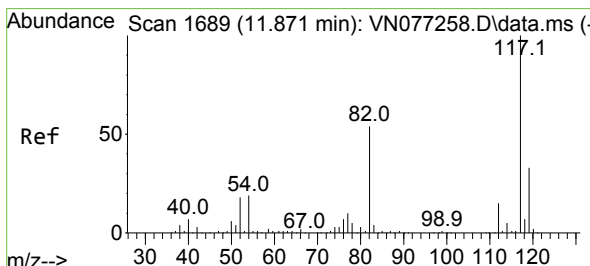
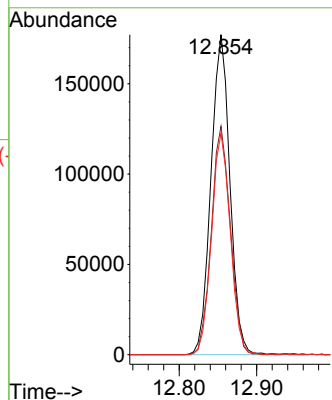
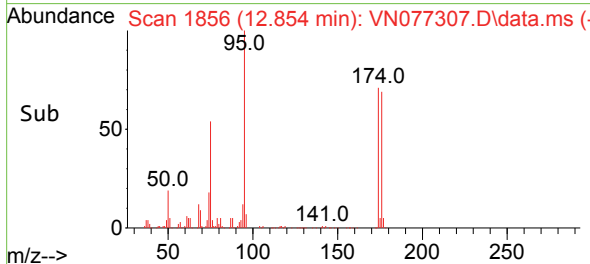
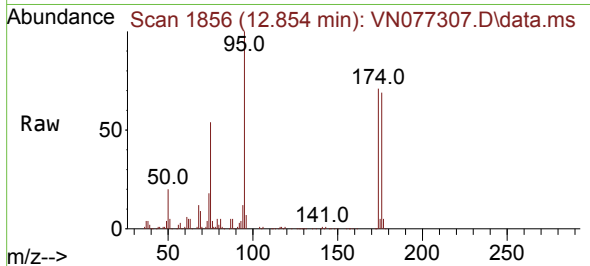




#62
4-Bromofluorobenzene
Concen: 42.378 ug/l
RT: 12.854 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VN077307.D
Acq: 12 Apr 2023 10:54

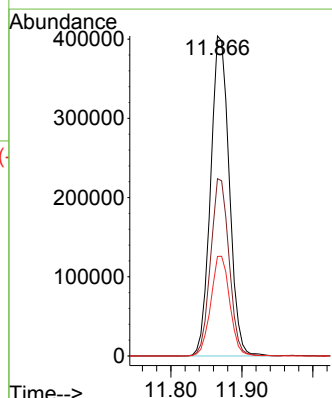
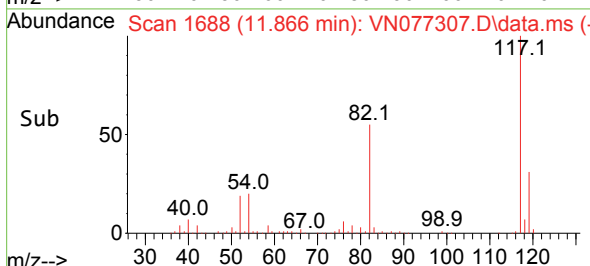
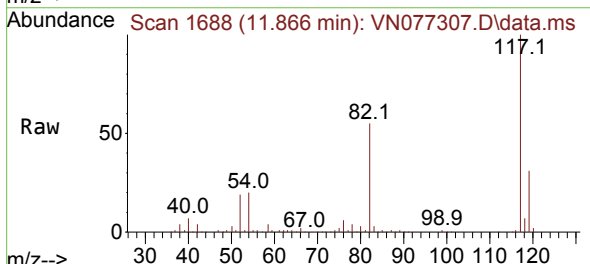
Instrument :
MSVOA_N
ClientSampleId :
VN0412MBL01

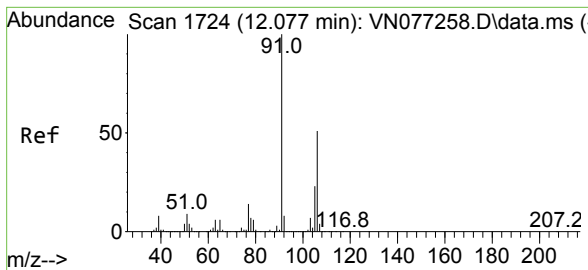
Tgt Ion: 95 Resp: 301079
Ion Ratio Lower Upper
95 100
174 71.8 0.0 146.8
176 68.2 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.005 min
Lab File: VN077307.D
Acq: 12 Apr 2023 10:54

Tgt Ion: 117 Resp: 736014
Ion Ratio Lower Upper
117 100
82 55.4 42.9 64.3
119 31.1 26.2 39.4

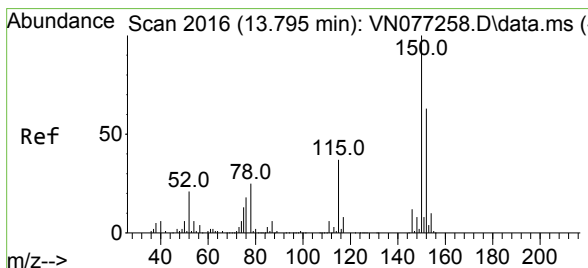
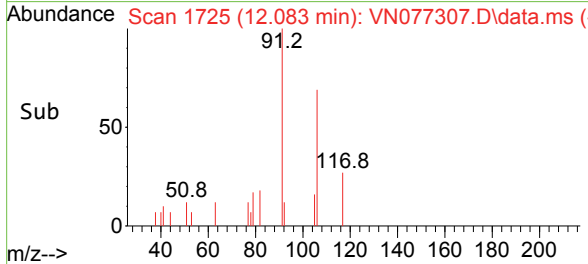
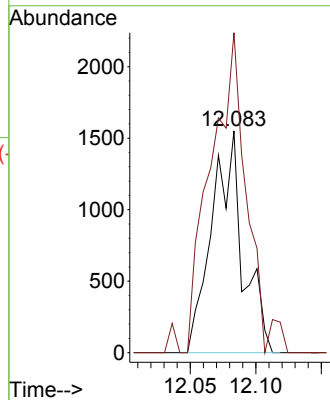
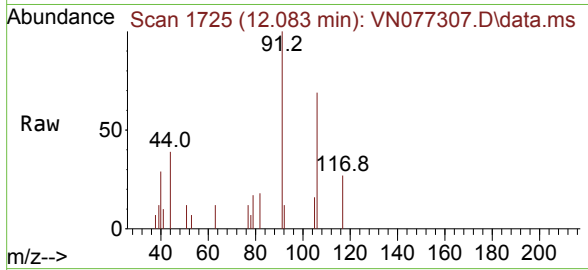




#68
m/p-Xylenes
Concen: 0.216 ug/l
RT: 12.083 min Scan# 1725
Delta R.T. 0.006 min
Lab File: VN077307.D
Acq: 12 Apr 2023 10:54

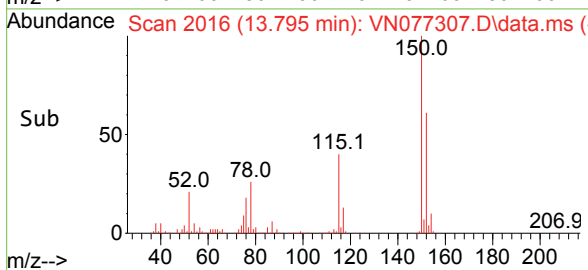
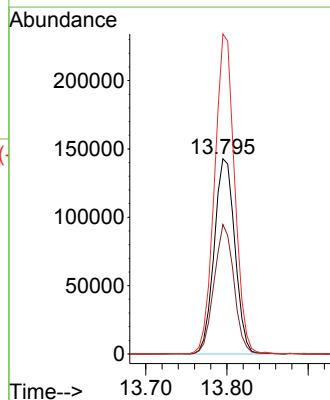
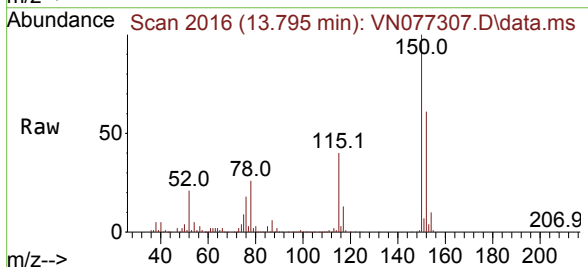
Instrument :
MSVOA_N
ClientSampleId :
VN0412MBL01

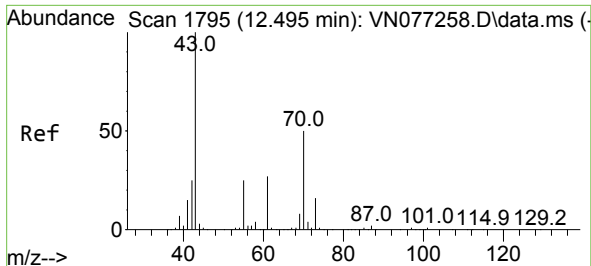
Tgt Ion:106 Resp: 2540
Ion Ratio Lower Upper
106 100
91 171.0 158.7 238.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077307.D
Acq: 12 Apr 2023 10:54

Tgt Ion:152 Resp: 253137
Ion Ratio Lower Upper
152 100
115 63.7 32.1 96.3
150 159.3 0.0 354.8

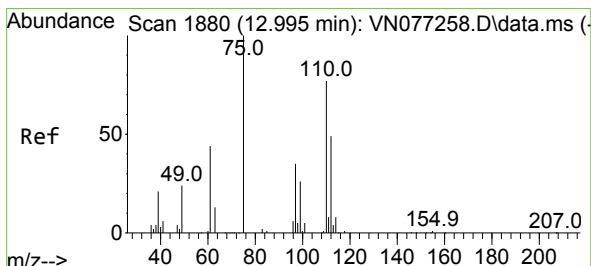
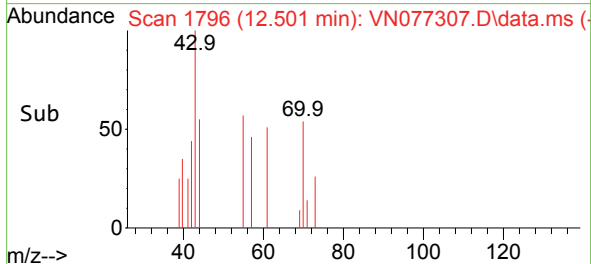
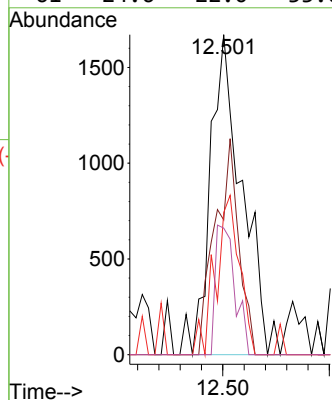
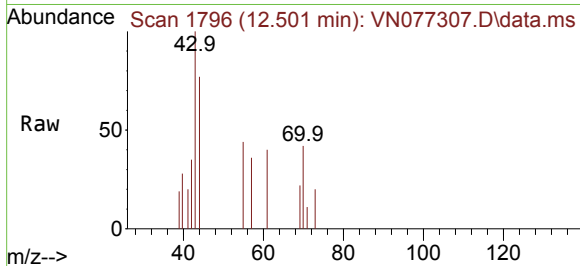




#74
N-amy1 acetate
Concen: 0.373 ug/l
RT: 12.501 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VN077307.D
Acq: 12 Apr 2023 10:54

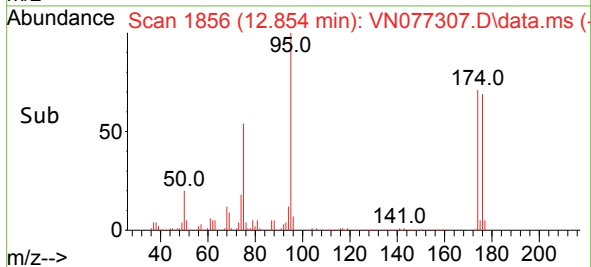
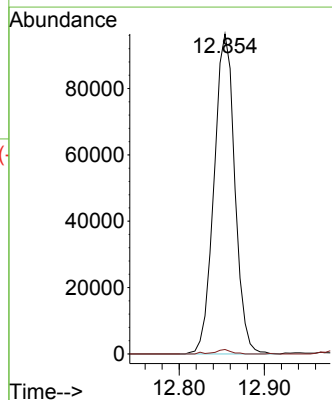
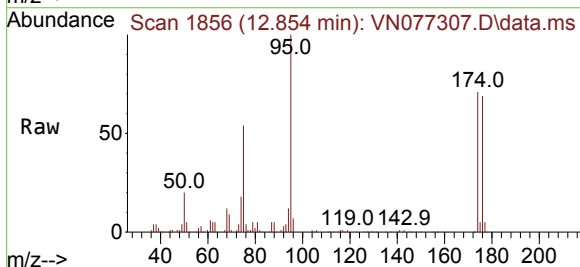
Instrument :
MSVOA_N
ClientSampleId :
VN0412MBL01

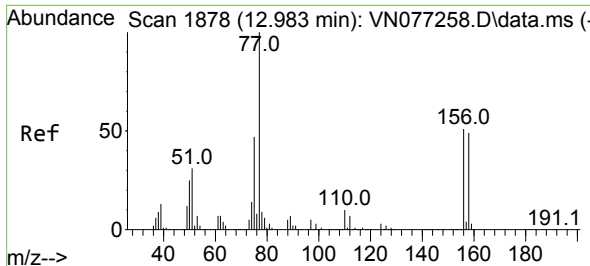
Tgt Ion: 43	Resp: 3480
Ion Ratio	Lower Upper
43 100	
70 49.7	41.0 61.6
55 37.2	19.3 28.9#
61 24.6	22.0 33.0



#76
1,2,3-Trichloropropane
Concen: 27.085 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.141 min
Lab File: VN077307.D
Acq: 12 Apr 2023 10:54

Tgt Ion: 75	Resp: 163264
Ion Ratio	Lower Upper
75 100	
77 1.0	88.3 264.9#

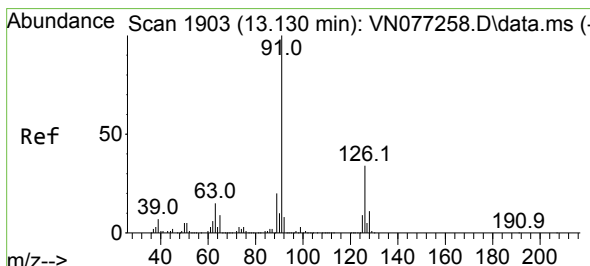
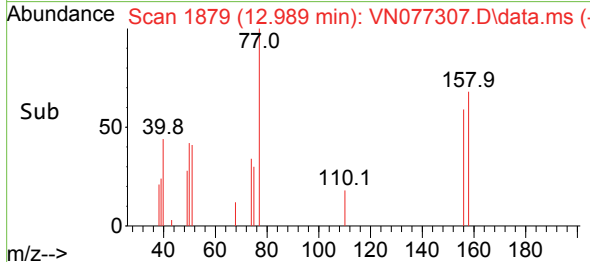
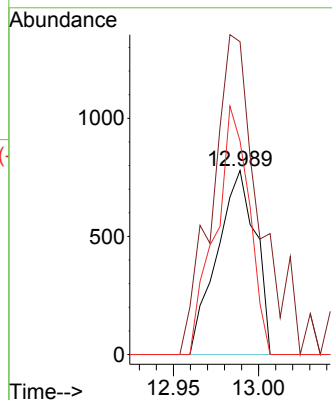
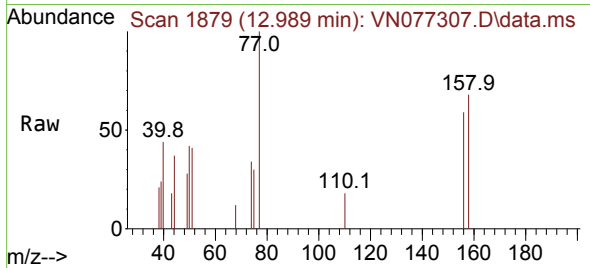




#77
Bromobenzene
Concen: 0.245 ug/l
RT: 12.989 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077307.D
Acq: 12 Apr 2023 10:54

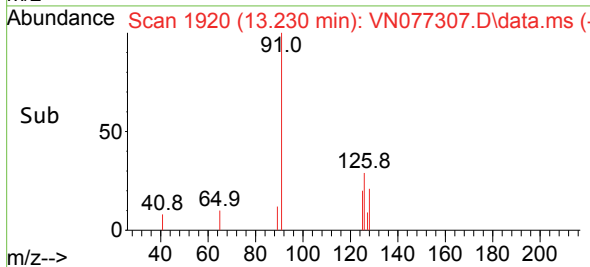
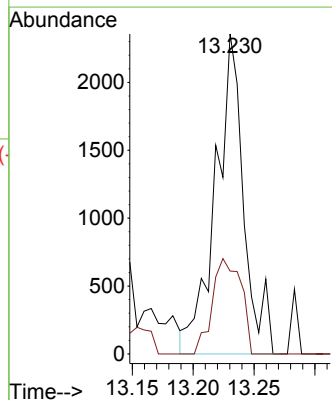
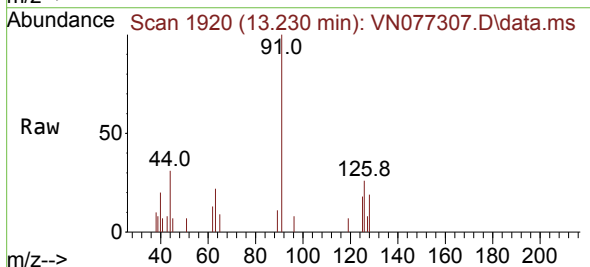
Instrument :
MSVOA_N
ClientSampleId :
VN0412MBL01

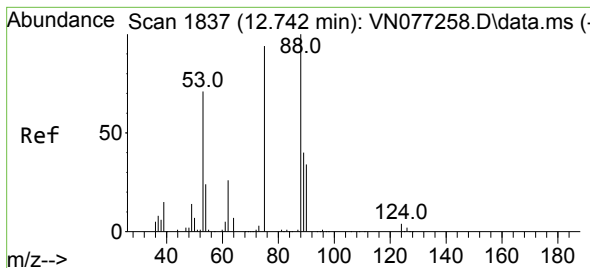
Tgt Ion:156 Resp: 1225
Ion Ratio Lower Upper
156 100
77 219.8 115.3 345.8
158 118.4 49.3 147.8



#79
2-Chlorotoluene
Concen: 0.231 ug/l
RT: 13.230 min Scan# 1920
Delta R.T. 0.100 min
Lab File: VN077307.D
Acq: 12 Apr 2023 10:54

Tgt Ion: 91 Resp: 3786
Ion Ratio Lower Upper
91 100
126 30.4 16.8 50.4

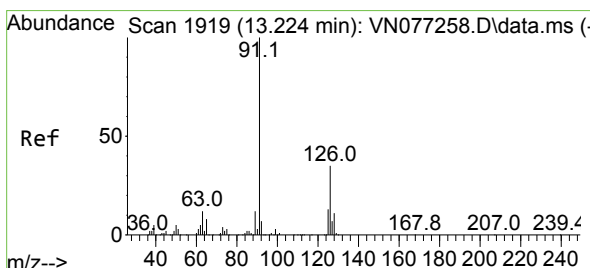
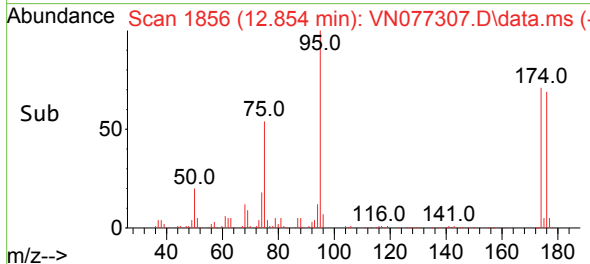
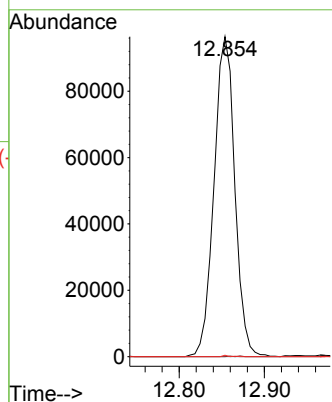
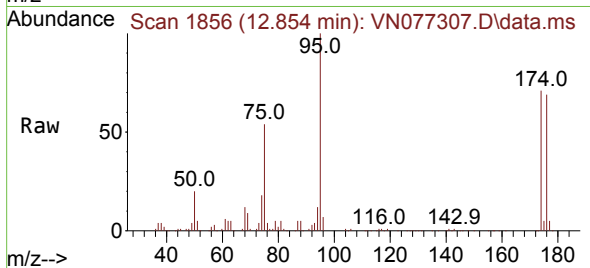




#81
trans-1,4-Dichloro-2-butene
Concen: 60.950 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.112 min
Lab File: VN077307.D
Acq: 12 Apr 2023 10:54

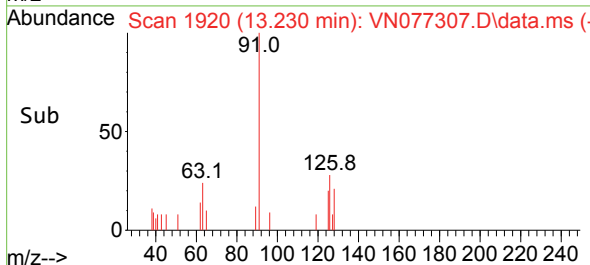
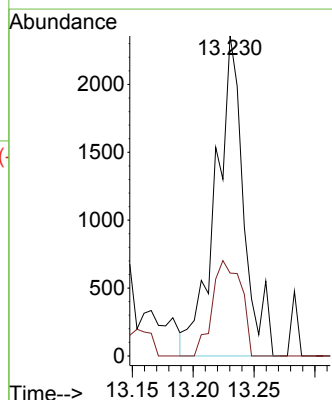
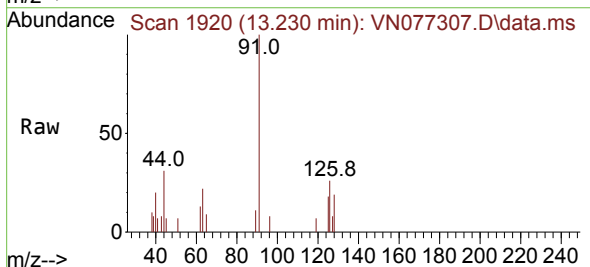
Instrument :
MSVOA_N
ClientSampleId :
VN0412MBL01

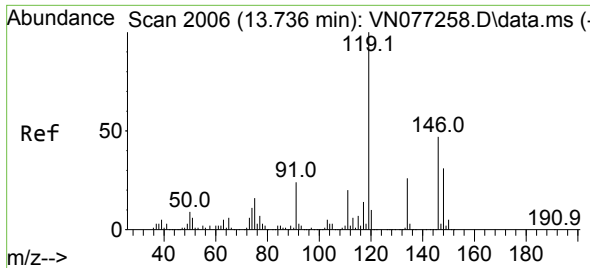
Tgt Ion: 75 Resp: 163264
Ion Ratio Lower Upper
75 100
53 0.0 72.8 109.2#
89 0.1 37.4 56.2#



#82
4-Chlorotoluene
Concen: 0.245 ug/l
RT: 13.230 min Scan# 1920
Delta R.T. 0.006 min
Lab File: VN077307.D
Acq: 12 Apr 2023 10:54

Tgt Ion: 91 Resp: 3786
Ion Ratio Lower Upper
91 100
126 30.4 16.9 50.7





#87

1,3-Dichlorobenzene

Concen: 0.365 ug/l

RT: 13.730 min Scan# 2005

Delta R.T. -0.006 min

Lab File: VN077307.D

Acq: 12 Apr 2023 10:54

Instrument :

MSVOA_N

ClientSampleId :

VN0412MBL01

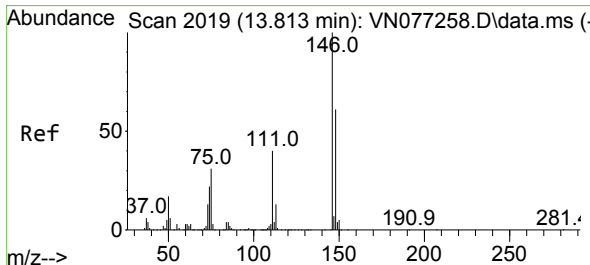
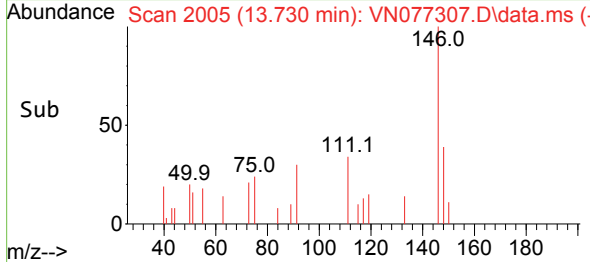
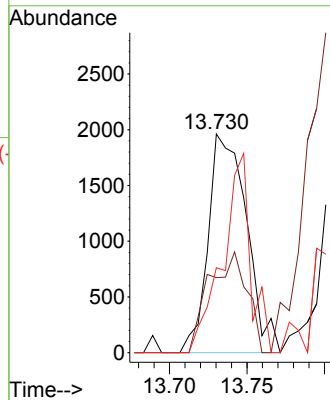
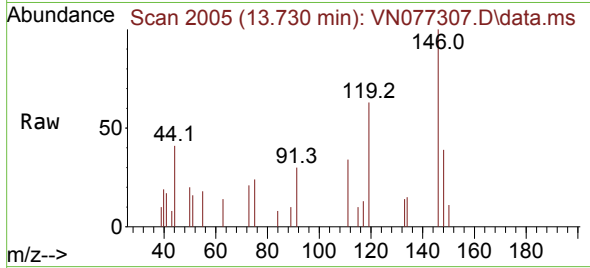
Tgt Ion:146 Resp: 3378

Ion Ratio Lower Upper

146 100

111 45.5 21.8 65.4

148 66.8 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 0.370 ug/l

RT: 13.730 min Scan# 2005

Delta R.T. -0.083 min

Lab File: VN077307.D

Acq: 12 Apr 2023 10:54

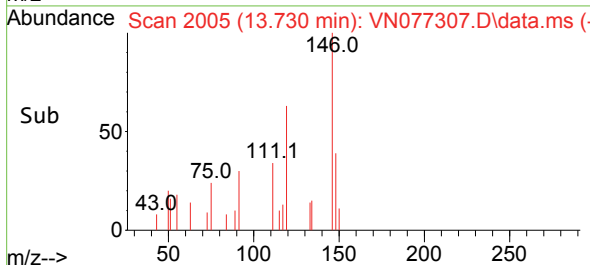
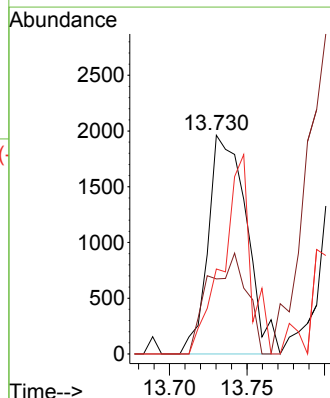
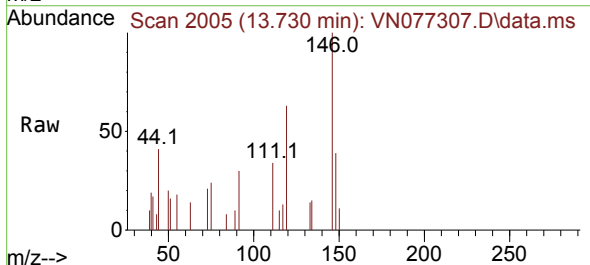
Tgt Ion:146 Resp: 3378

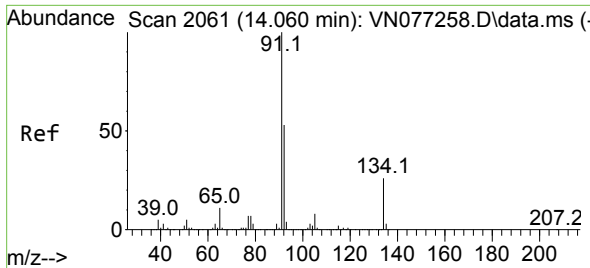
Ion Ratio Lower Upper

146 100

111 45.5 20.4 61.2

148 66.8 31.6 95.0

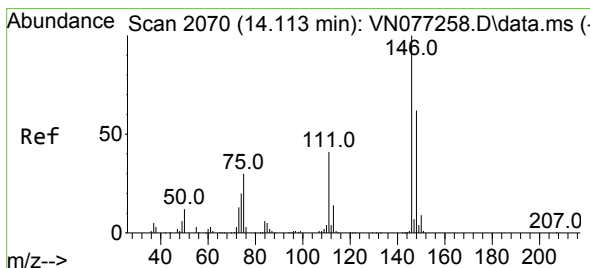
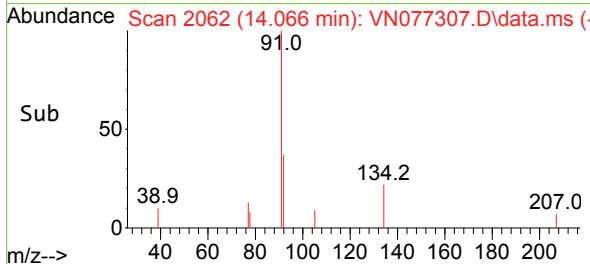
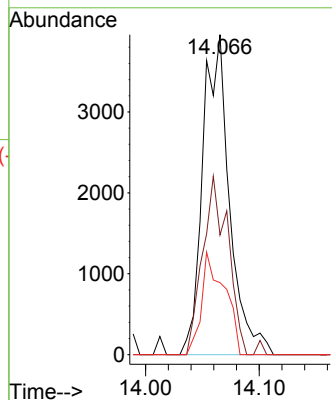
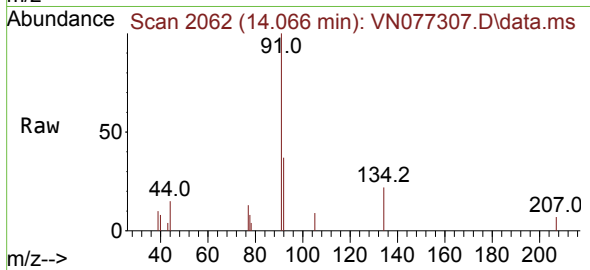




#89
n-Butylbenzene
Concen: 0.408 ug/l
RT: 14.066 min Scan# 2061
Delta R.T. 0.005 min
Lab File: VN077307.D
Acq: 12 Apr 2023 10:54

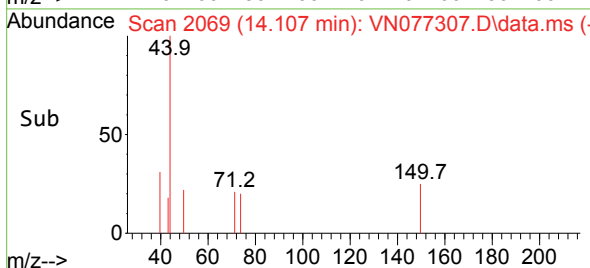
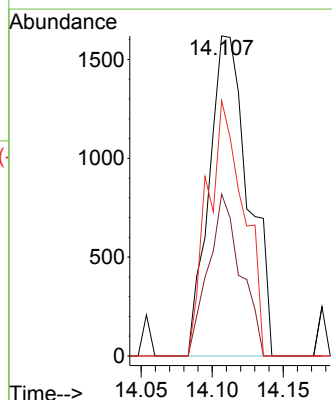
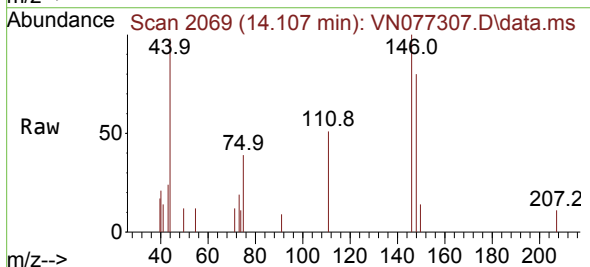
Instrument :
MSVOA_N
ClientSampleId :
VN0412MBL01

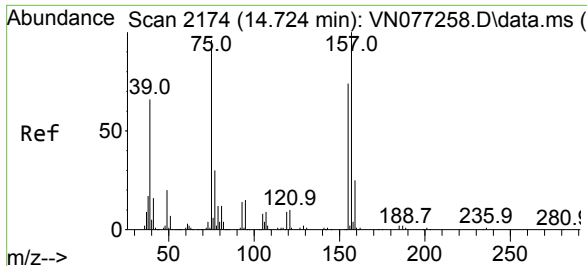
Tgt Ion: 91 Resp: 6477
Ion Ratio Lower Upper
91 100
92 52.8 26.7 80.0
134 27.6 12.8 38.3



#91
1,2-Dichlorobenzene
Concen: 0.338 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.006 min
Lab File: VN077307.D
Acq: 12 Apr 2023 10:54

Tgt Ion: 146 Resp: 3123
Ion Ratio Lower Upper
146 100
111 41.5 21.9 65.5
148 73.4 31.9 95.5





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.429 ug/l

RT: 14.718 min Scan# 2173

Delta R.T. -0.006 min

Lab File: VN077307.D

Acq: 12 Apr 2023 10:54

Instrument :

MSVOA_N

ClientSampleId :

VN0412MBL01

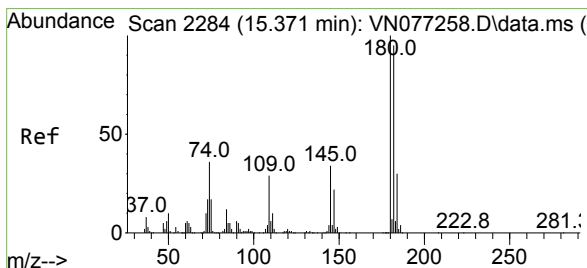
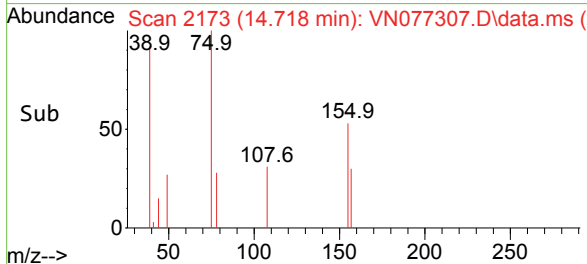
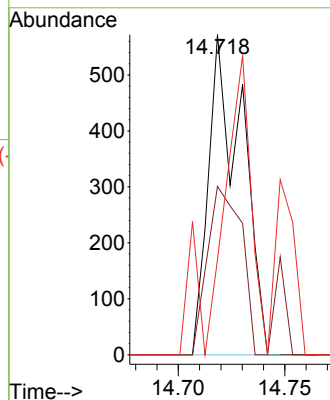
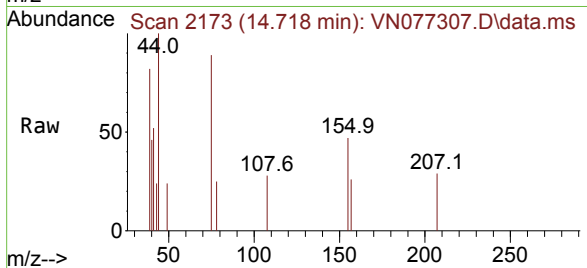
Tgt Ion: 75 Resp: 627

Ion Ratio Lower Upper

75 100

155 53.6 41.0 123.2

157 83.4 54.0 162.0



#93

1,2,4-Trichlorobenzene

Concen: 1.119 ug/l

RT: 15.377 min Scan# 2285

Delta R.T. 0.006 min

Lab File: VN077307.D

Acq: 12 Apr 2023 10:54

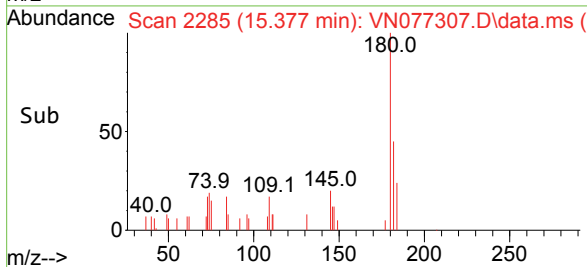
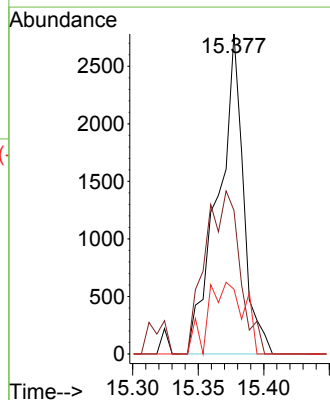
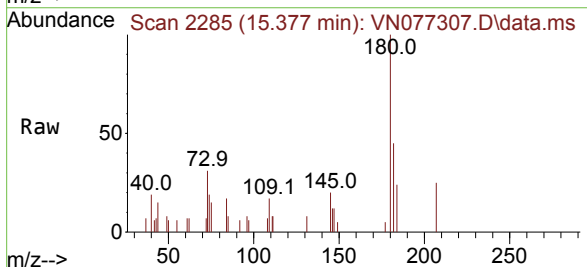
Tgt Ion: 180 Resp: 3737

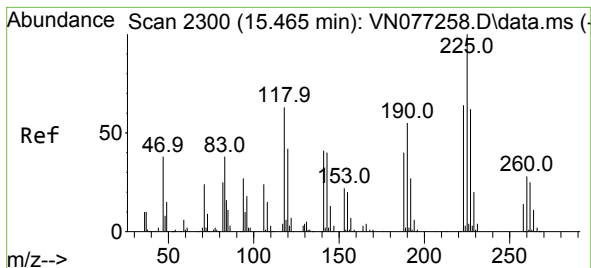
Ion Ratio Lower Upper

180 100

182 69.8 46.7 140.0

145 32.0 16.6 49.8





#94

Hexachlorobutadiene

Concen: 0.336 ug/l

RT: 15.465 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN077307.D

Acq: 12 Apr 2023 10:54

Instrument :

MSVOA_N

ClientSampleId :

VN0412MBL01

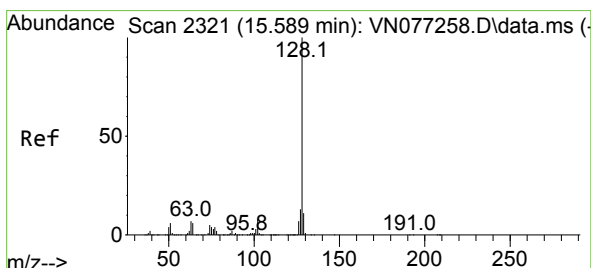
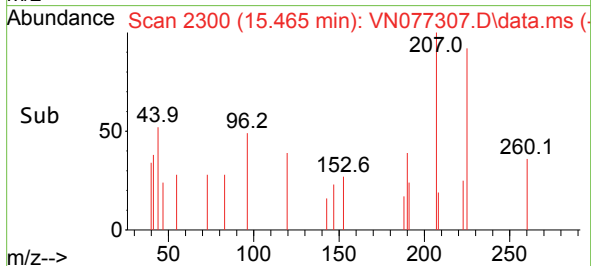
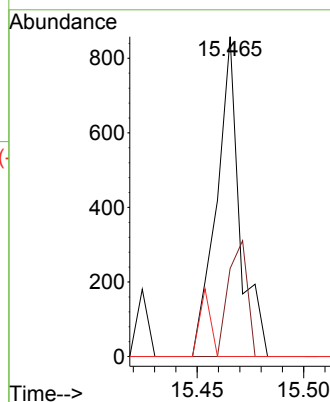
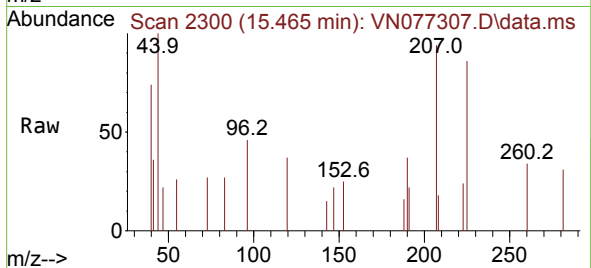
Tgt Ion:225 Resp: 649

Ion Ratio Lower Upper

225 100

223 29.7 31.7 95.1#

227 9.9 31.2 93.6#



#95

Naphthalene

Concen: 1.268 ug/l

RT: 15.583 min Scan# 2320

Delta R.T. -0.006 min

Lab File: VN077307.D

Acq: 12 Apr 2023 10:54

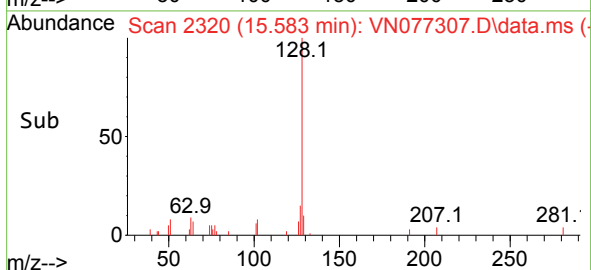
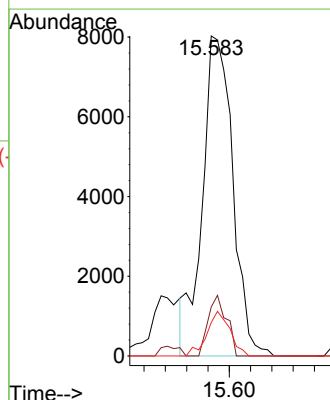
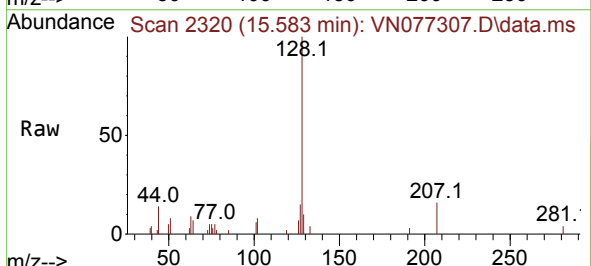
Tgt Ion:128 Resp: 15908

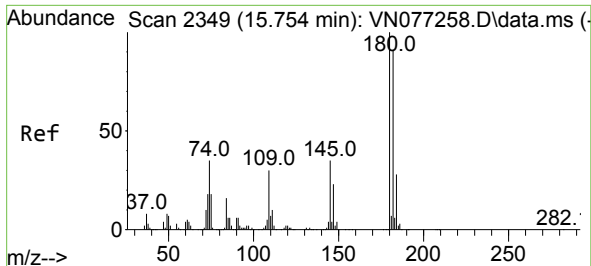
Ion Ratio Lower Upper

128 100

127 11.5 10.2 15.4

129 10.5 8.9 13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 1.401 ug/l
 RT: 15.760 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN077307.D
 Acq: 12 Apr 2023 10:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0412MBL01

Tgt Ion:180	Resp:	4477
Ion	Ratio	Lower Upper
180	100	
182	107.0	46.9 140.8
145	50.8	17.6 52.8

