

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110824\
 Data File : VN084739.D
 Acq On : 08 Nov 2024 10:44
 Operator : JC\MD
 Sample : VN1108WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1108WBL01

Quant Time: Nov 08 22:26:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

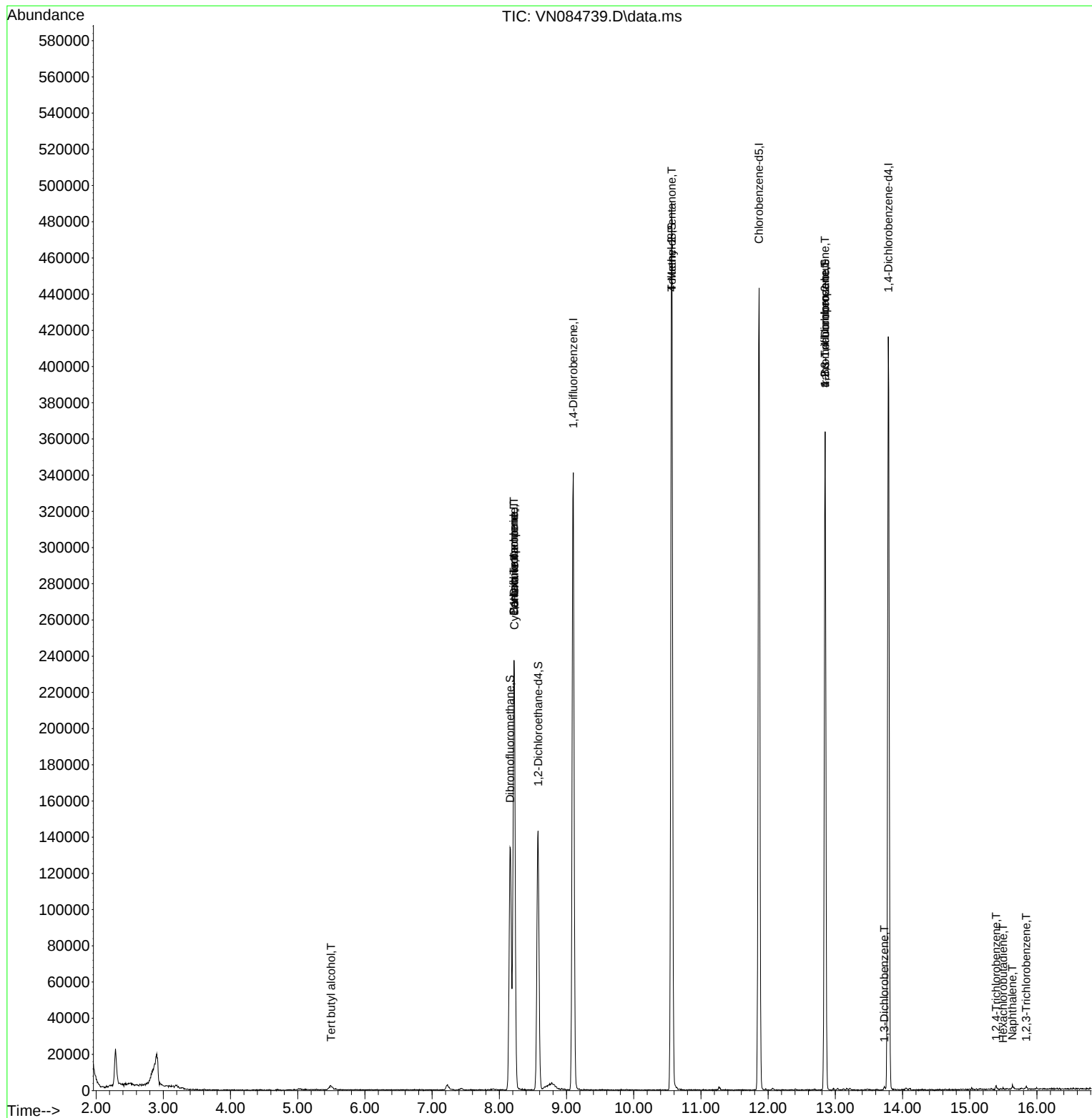
Internal Standards						
1) Pentafluorobenzene	8.218	168	170398	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	297081	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	255691	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	113797	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	119910	48.722	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.440%
35) Dibromofluoromethane	8.159	113	98292	48.880	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.760%
50) Toluene-d8	10.565	98	337837	45.608	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.220%
62) 4-Bromofluorobenzene	12.847	95	127156	45.931	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	91.860%
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	674	Below Cal	#	79
6) Chloroethane	3.118	64	142	Below Cal	#	45
11) Tert butyl alcohol	5.495	59	2349	7.231	ug/l #	73
18) Methyl Acetate	5.030	43	1597	Below Cal	#	51
31) Cyclohexane	8.224	56	3914	1.152	ug/l #	4
36) 1,1-Dichloropropene	8.218	75	15197	5.449	ug/l #	50
38) Carbon Tetrachloride	8.218	117	18514	5.939	ug/l #	16
43) Isopropyl Acetate	8.665	43	674	Below Cal	#	56
51) 4-Methyl-2-Pentanone	10.565	43	1202	0.498	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	64664	28.427	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	64664	67.440	ug/l #	11
87) 1,3-Dichlorobenzene	13.729	146	1054	0.252	ug/l	79
88) 1,4-Dichlorobenzene	13.729	146	1054	Below Cal		80
93) 1,2,4-Trichlorobenzene	15.394	180	812	0.369	ug/l #	73
94) Hexachlorobutadiene	15.494	225	254	0.263	ug/l #	62
95) Naphthalene	15.635	128	2276	0.346	ug/l #	77
96) 1,2,3-Trichlorobenzene	15.841	180	889	0.416	ug/l #	86

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

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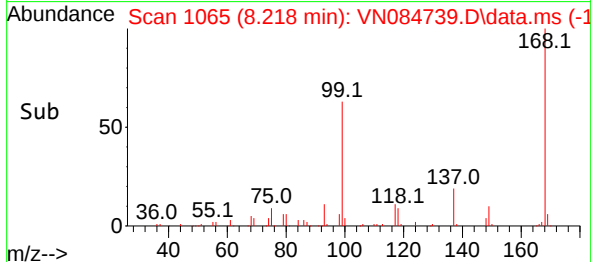
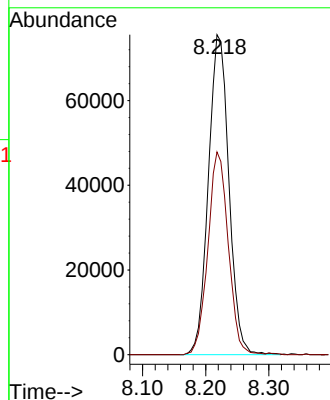
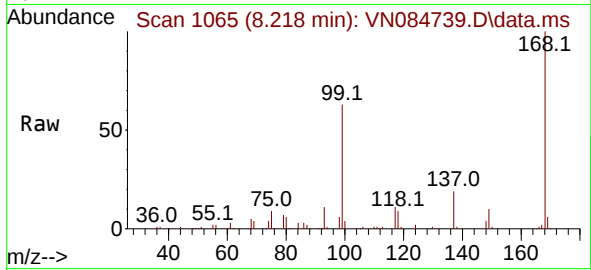




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084739.D
Acq: 08 Nov 2024 10:44

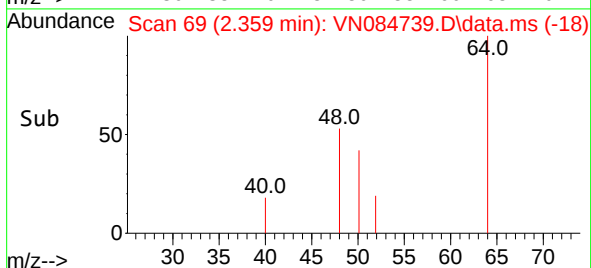
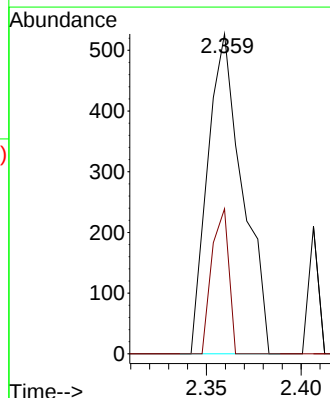
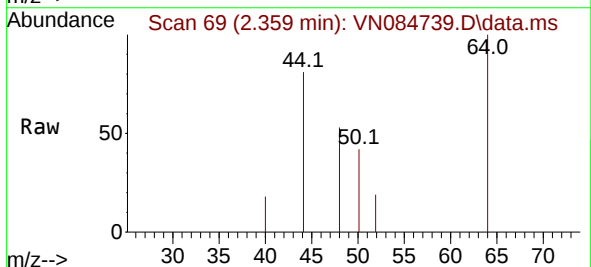
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBL01

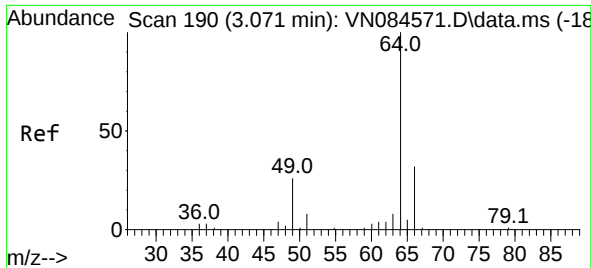
Tgt Ion:168 Resp: 170398
Ion Ratio Lower Upper
168 100
99 63.3 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084739.D
Acq: 08 Nov 2024 10:44

Tgt Ion: 50 Resp: 674
Ion Ratio Lower Upper
50 100
52 45.4 26.8 40.2#

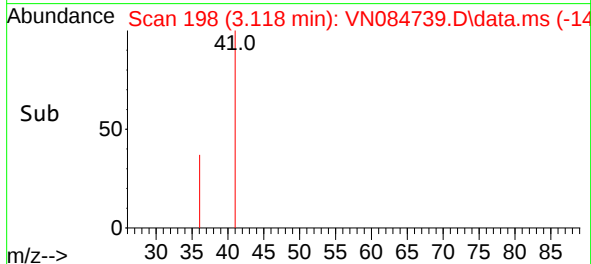
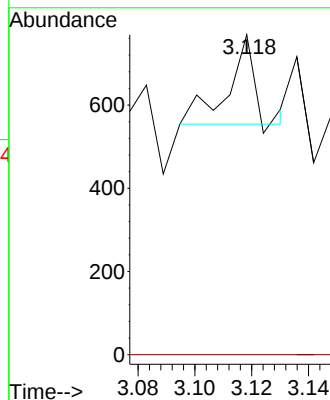
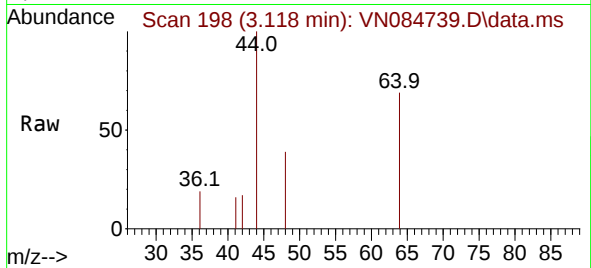




#6
Chloroethane
Concen: Below Cal
RT: 3.118 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084739.D
Acq: 08 Nov 2024 10:44

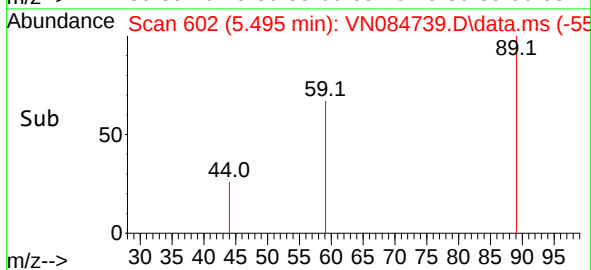
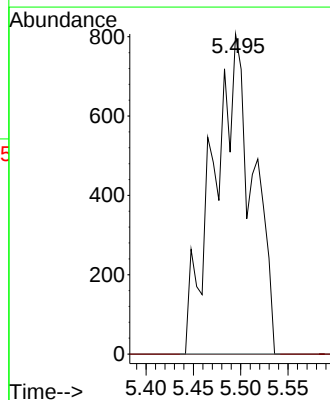
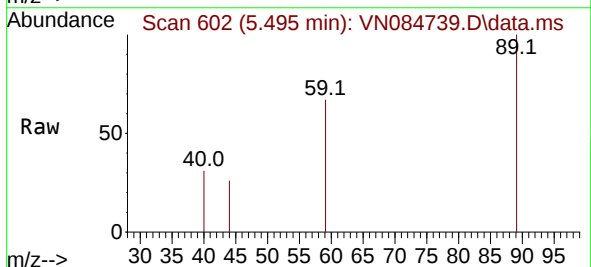
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBL01

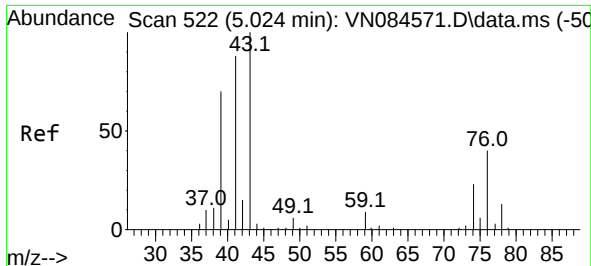
Tgt Ion: 64 Resp: 142
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



#11
Tert butyl alcohol
Concen: 7.231 ug/l
RT: 5.495 min Scan# 602
Delta R.T. -0.029 min
Lab File: VN084739.D
Acq: 08 Nov 2024 10:44

Tgt Ion: 59 Resp: 2349
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

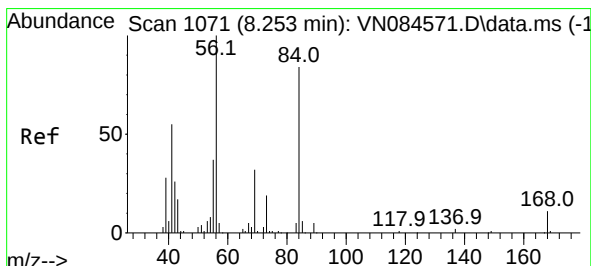
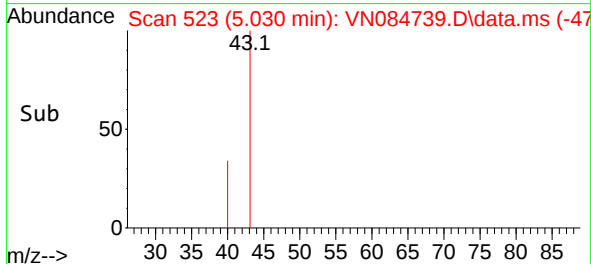
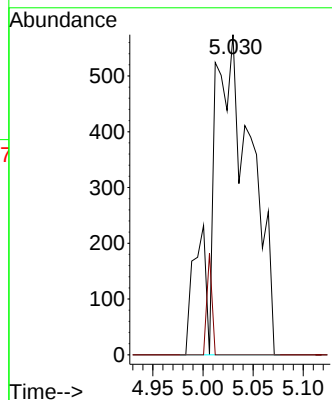
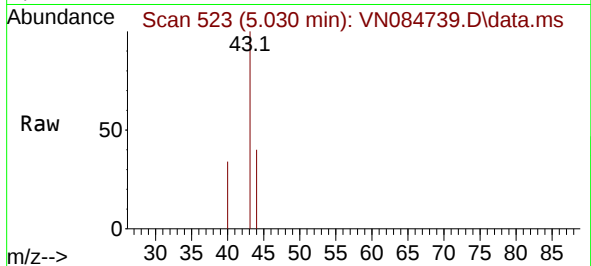




#18
Methyl Acetate
Concen: Below Cal
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN084739.D
Acq: 08 Nov 2024 10:44

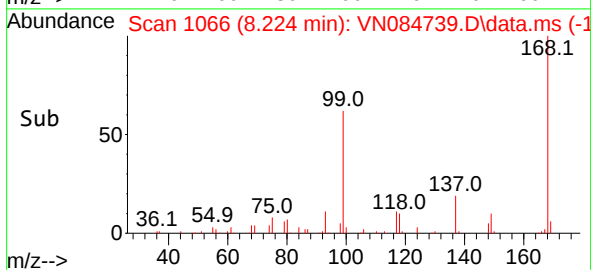
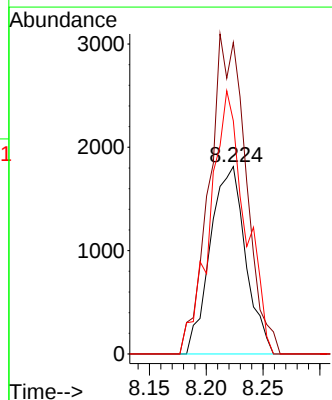
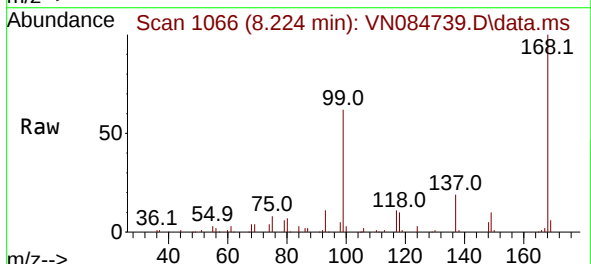
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBL01

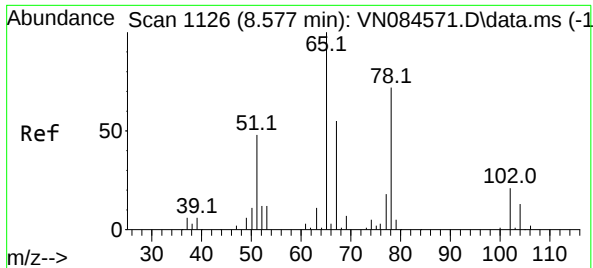
Tgt Ion: 43 Resp: 1597
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#



#31
Cyclohexane
Concen: 1.152 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084739.D
Acq: 08 Nov 2024 10:44

Tgt Ion: 56 Resp: 3914
Ion Ratio Lower Upper
56 100
69 166.3 23.8 35.6#
84 124.4 68.8 103.2#

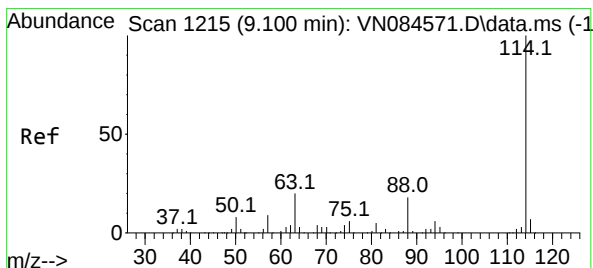
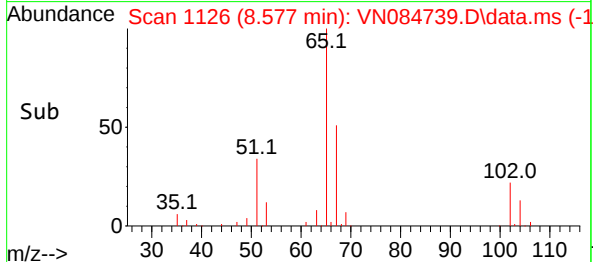
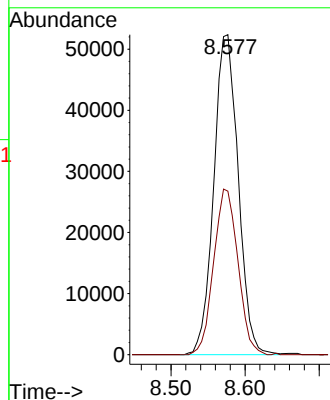
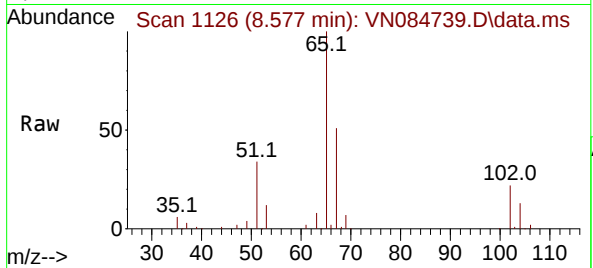




#33
 1,2-Dichloroethane-d4
 Concen: 48.722 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN084739.D
 Acq: 08 Nov 2024 10:44

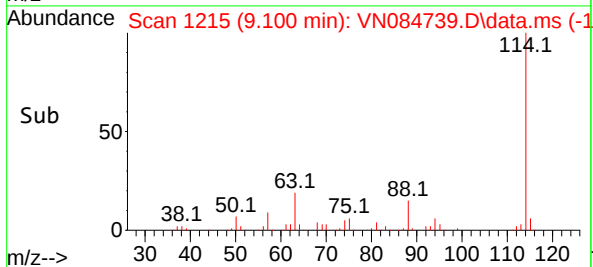
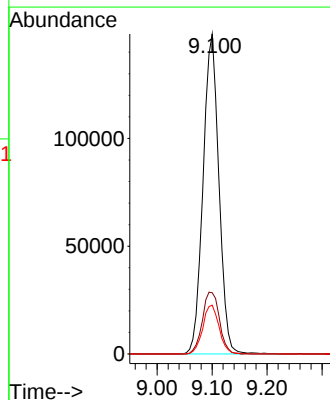
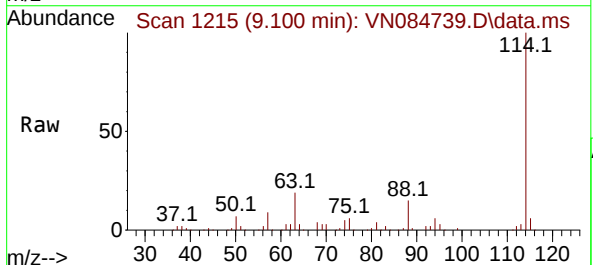
Instrument :
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 ClientSampleId :
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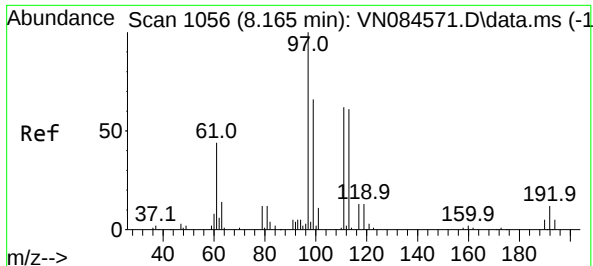
Tgt Ion: 65 Resp: 119910
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084739.D
 Acq: 08 Nov 2024 10:44

Tgt Ion: 114 Resp: 297081
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 43.8
 88 15.3 0.0 31.6





#35

Dibromofluoromethane

Concen: 48.880 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN084739.D

Acq: 08 Nov 2024 10:44

Instrument :

MSVOA_N

ClientSampleId :

VN1108WBL01

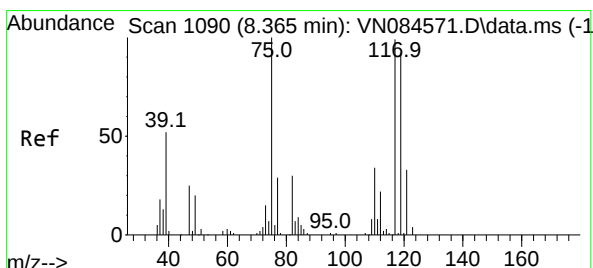
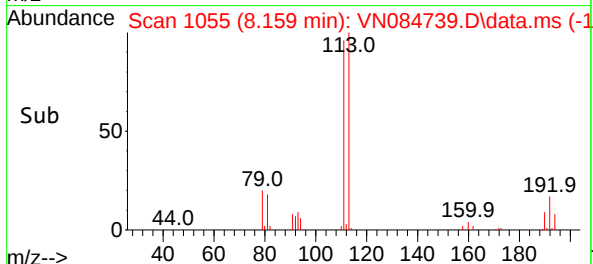
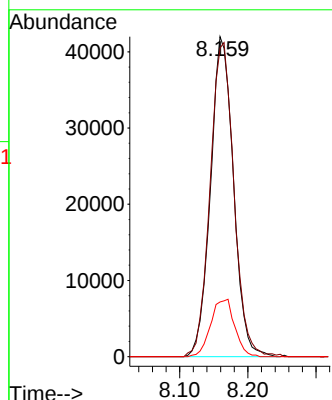
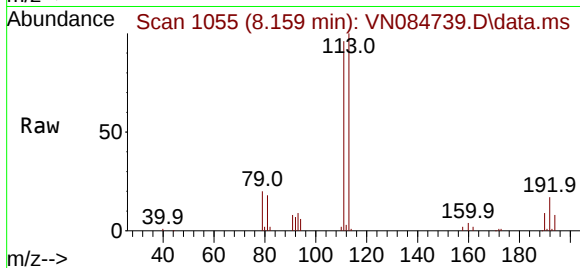
Tgt Ion:113 Resp: 98292

Ion Ratio Lower Upper

113 100

111 101.9 83.3 124.9

192 18.7 13.5 20.3



#36

1,1-Dichloropropene

Concen: 5.449 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN084739.D

Acq: 08 Nov 2024 10:44

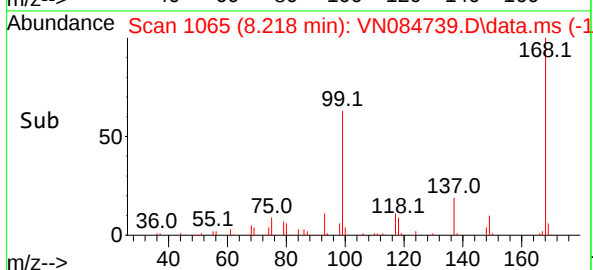
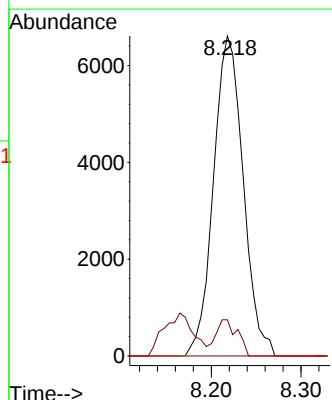
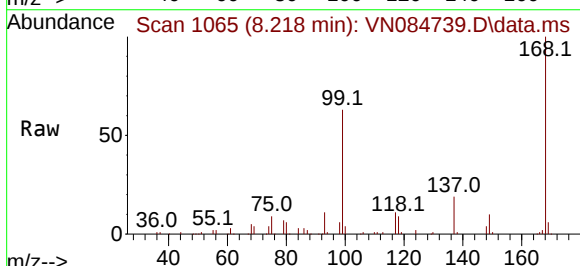
Tgt Ion: 75 Resp: 15197

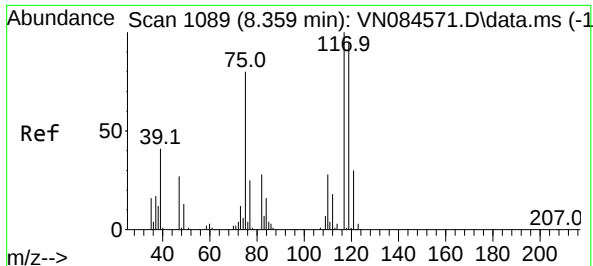
Ion Ratio Lower Upper

75 100

110 8.2 16.9 50.7#

77 0.0 24.7 37.1#

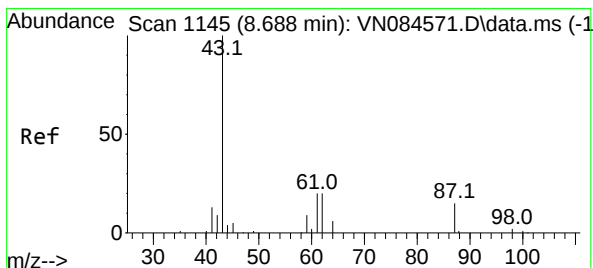
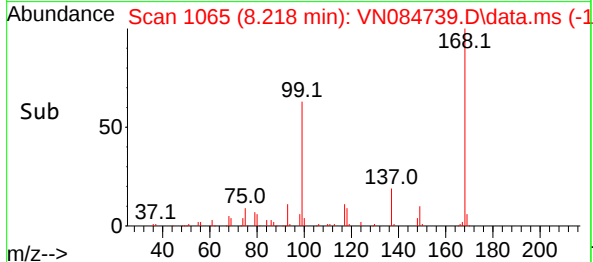
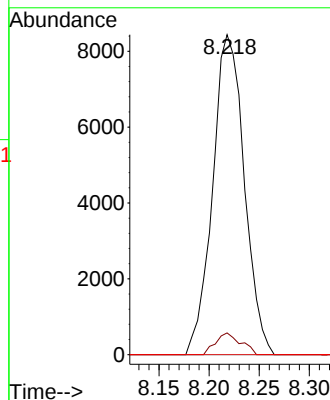
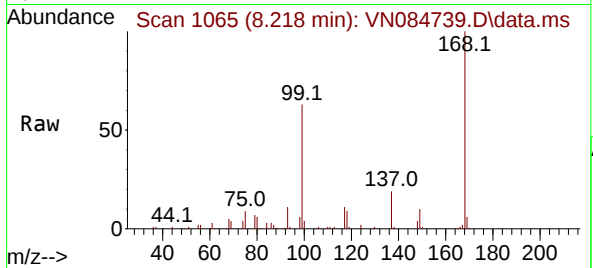




#38
Carbon Tetrachloride
Concen: 5.939 ug/l
RT: 8.218 min Scan# 1105
Delta R.T. -0.141 min
Lab File: VN084739.D
Acq: 08 Nov 2024 10:44

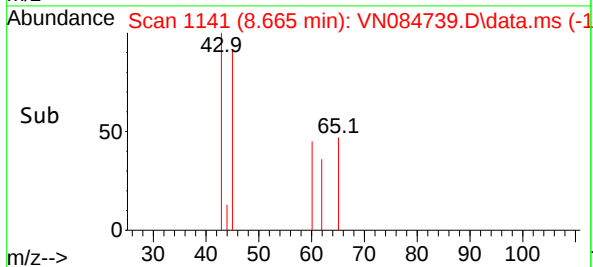
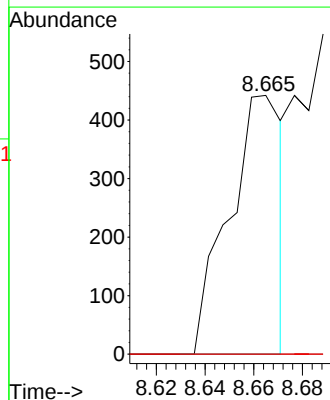
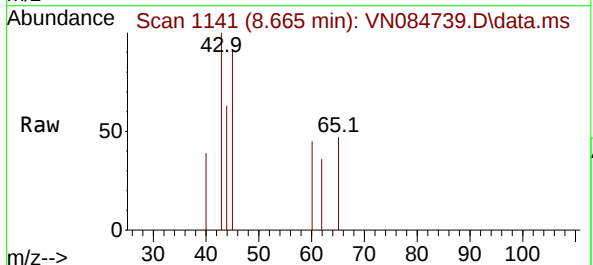
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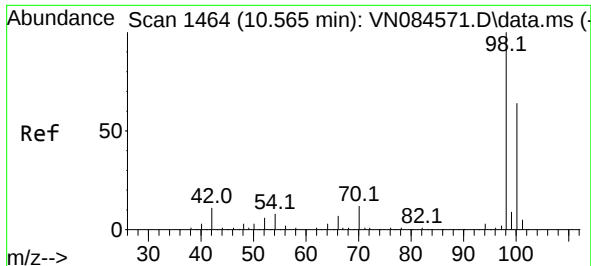
Tgt Ion:117 Resp: 18514
Ion Ratio Lower Upper
117 100
119 6.8 78.7 118.1#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.665 min Scan# 1141
Delta R.T. -0.023 min
Lab File: VN084739.D
Acq: 08 Nov 2024 10:44

Tgt Ion: 43 Resp: 674
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.3 15.5#

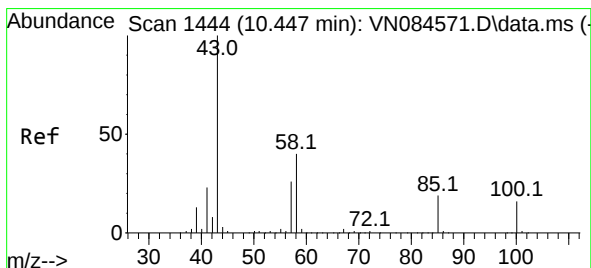
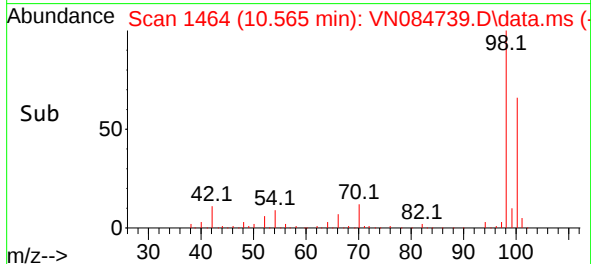
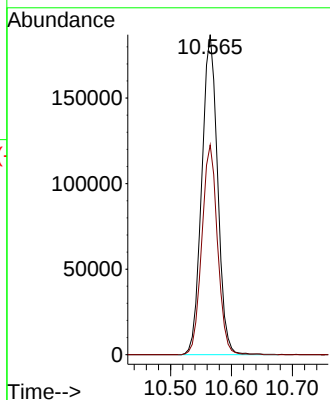
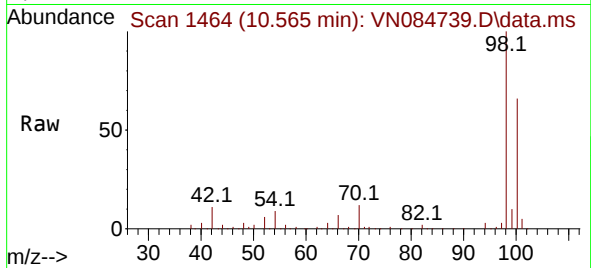




#50
Toluene-d8
Concen: 45.608 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084739.D
Acq: 08 Nov 2024 10:44

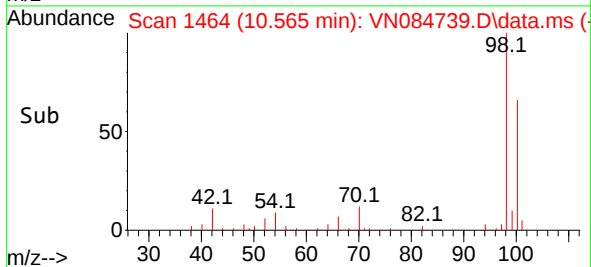
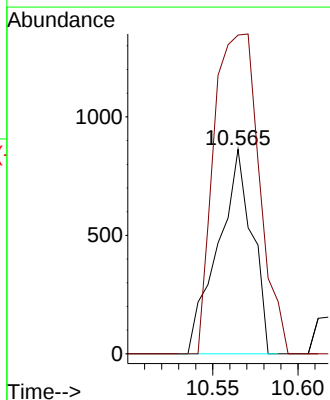
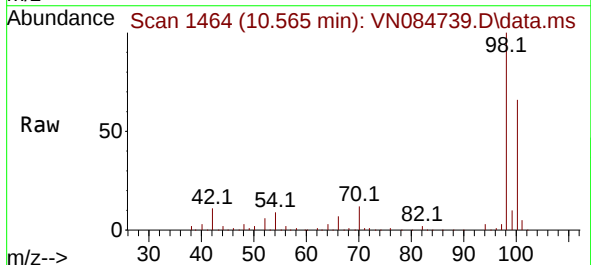
Instrument :
MSVOA_N
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VN1108WBL01

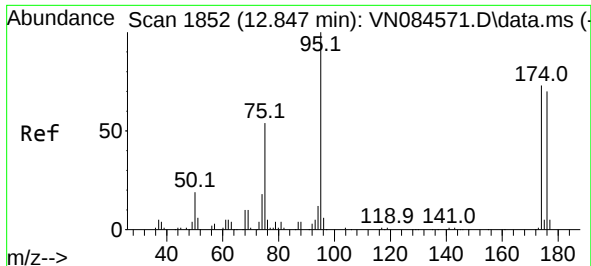
Tgt Ion: 98 Resp: 337837
Ion Ratio Lower Upper
98 100
100 64.9 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.498 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.124 min
Lab File: VN084739.D
Acq: 08 Nov 2024 10:44

Tgt Ion: 43 Resp: 1202
Ion Ratio Lower Upper
43 100
58 207.5 31.6 47.4#





#62

4-Bromofluorobenzene

Concen: 45.931 ug/l

RT: 12.847 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084739.D

Acq: 08 Nov 2024 10:44

Instrument :

MSVOA_N

ClientSampleId :

VN1108WBL01

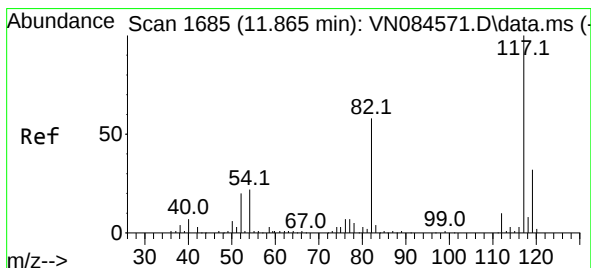
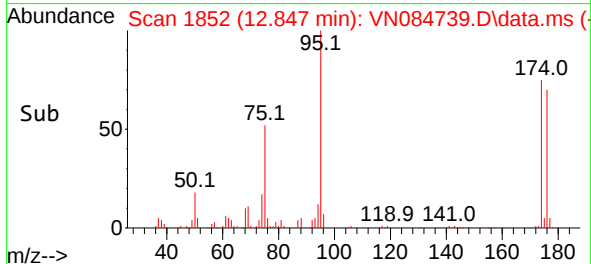
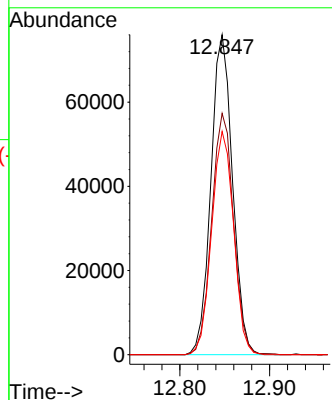
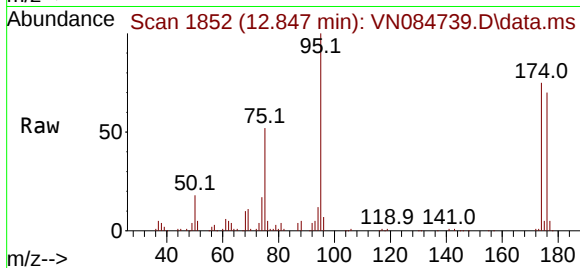
Tgt Ion: 95 Resp: 127156

Ion Ratio Lower Upper

95 100

174 76.6 0.0 145.2

176 70.9 0.0 140.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VN084739.D

Acq: 08 Nov 2024 10:44

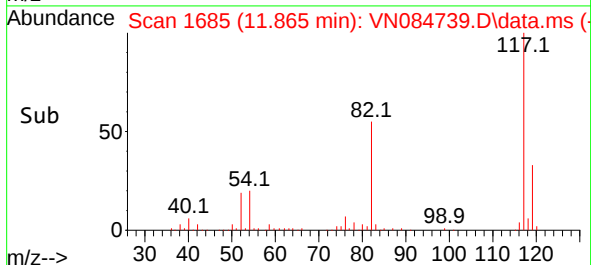
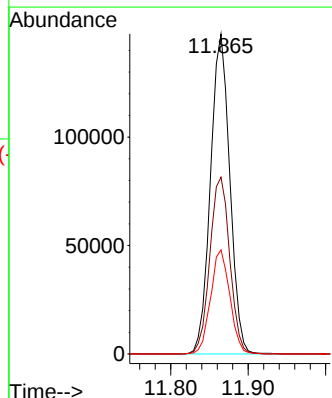
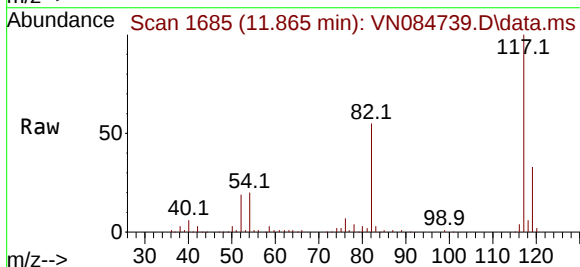
Tgt Ion: 117 Resp: 255691

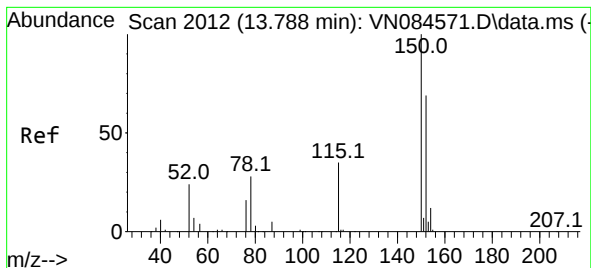
Ion Ratio Lower Upper

117 100

82 55.2 47.2 70.8

119 32.5 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN084739.D

Acq: 08 Nov 2024 10:44

Instrument :

MSVOA_N

ClientSampleId :

VN1108WBL01

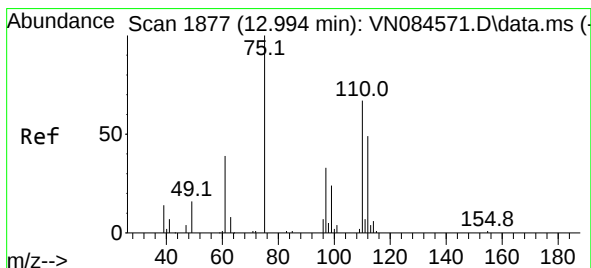
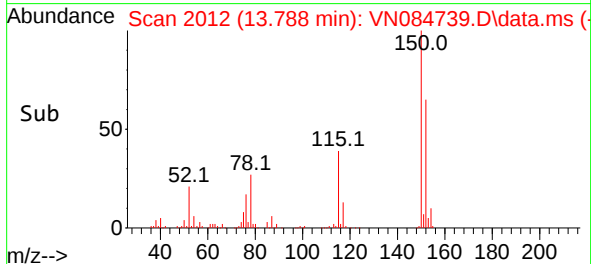
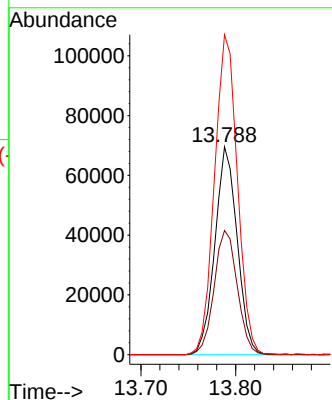
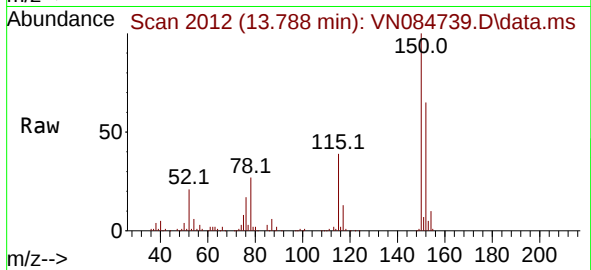
Tgt Ion:152 Resp: 113797

Ion Ratio Lower Upper

152 100

115 61.9 31.3 93.9

150 158.3 0.0 349.8



#76

1,2,3-Trichloropropane

Concen: 28.427 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VN084739.D

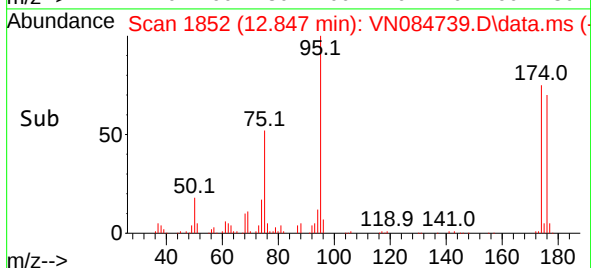
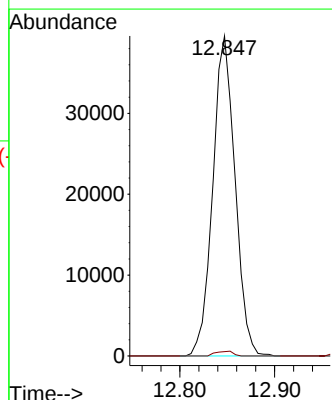
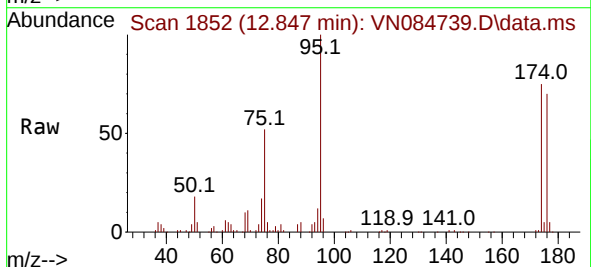
Acq: 08 Nov 2024 10:44

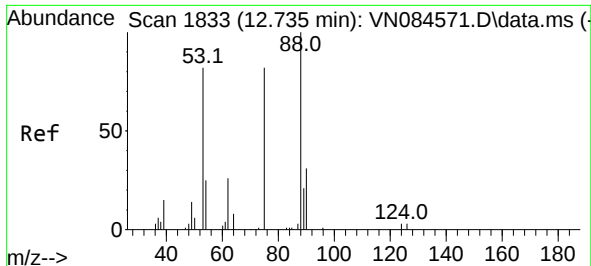
Tgt Ion: 75 Resp: 64664

Ion Ratio Lower Upper

75 100

77 1.2 96.9 290.7#

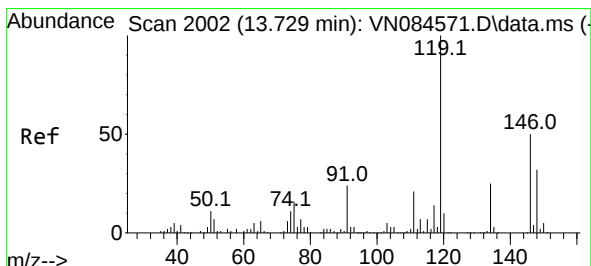
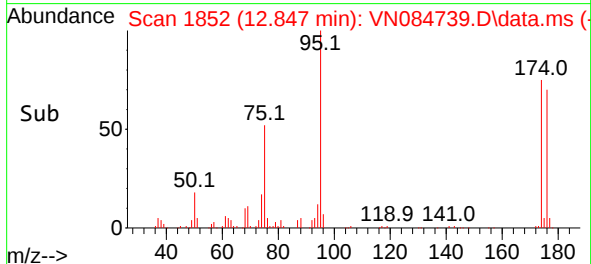
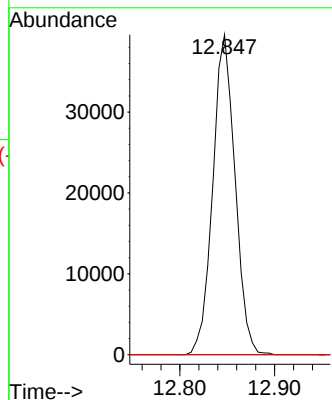
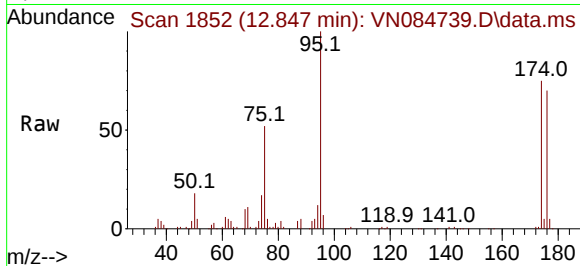




#81
trans-1,4-Dichloro-2-butene
Concen: 67.440 ug/l
RT: 12.847 min Scan# 1833
Delta R.T. 0.112 min
Lab File: VN084739.D
Acq: 08 Nov 2024 10:44

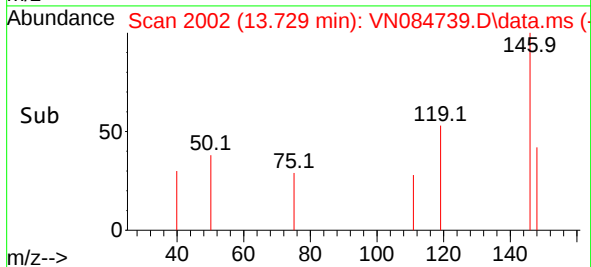
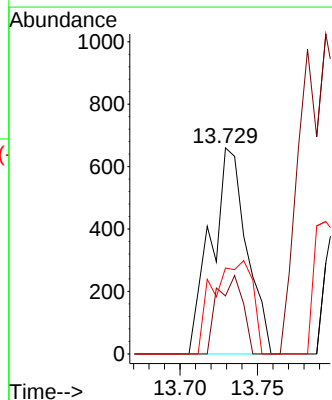
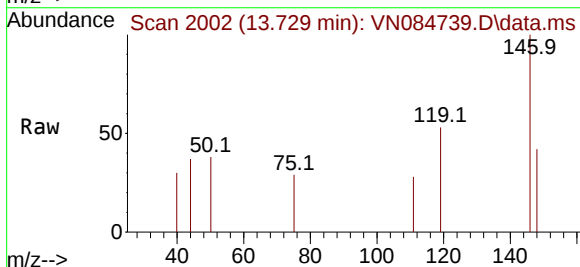
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBL01

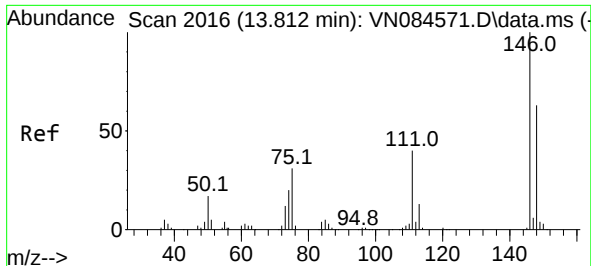
Tgt Ion: 75 Resp: 64664
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#



#87
1,3-Dichlorobenzene
Concen: 0.252 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN084739.D
Acq: 08 Nov 2024 10:44

Tgt Ion: 146 Resp: 1054
Ion Ratio Lower Upper
146 100
111 27.0 21.8 65.3
148 50.3 31.9 95.7

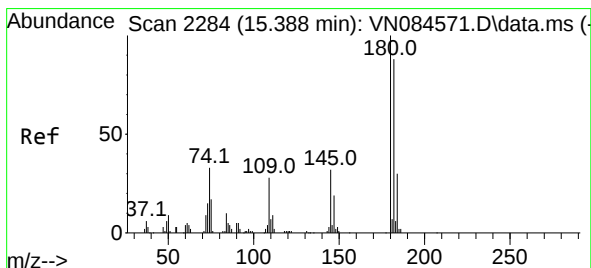
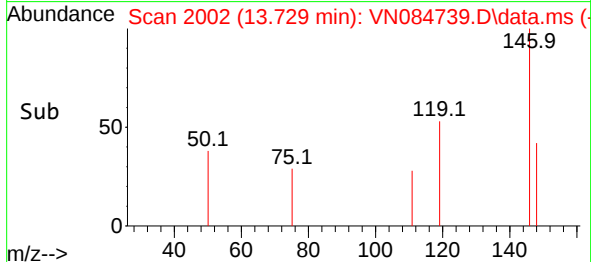
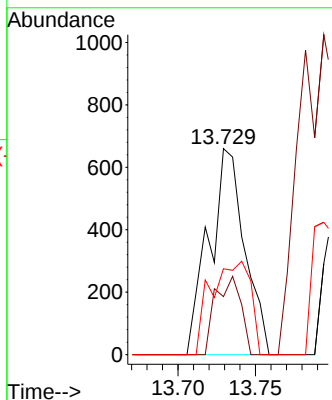
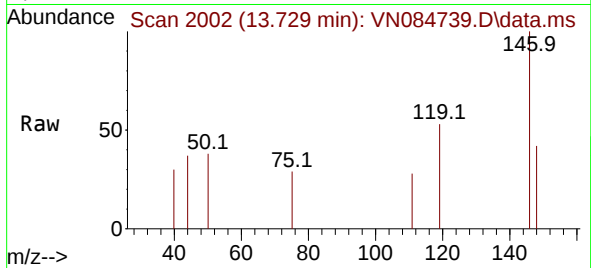




#88
1,4-Dichlorobenzene
Concen: Below Cal
RT: 13.729 min Scan# 2016
Delta R.T. -0.083 min
Lab File: VN084739.D
Acq: 08 Nov 2024 10:44

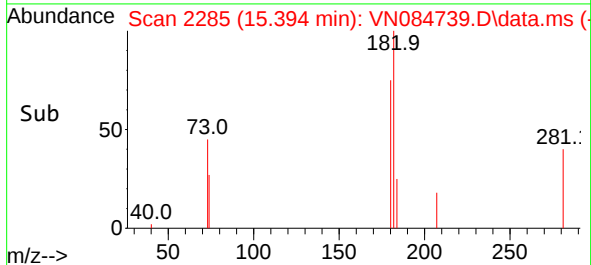
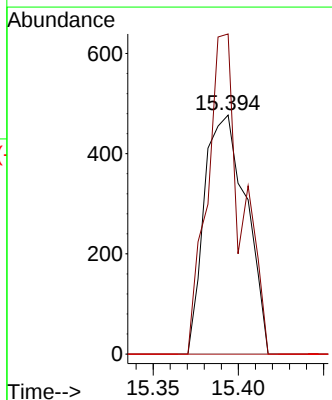
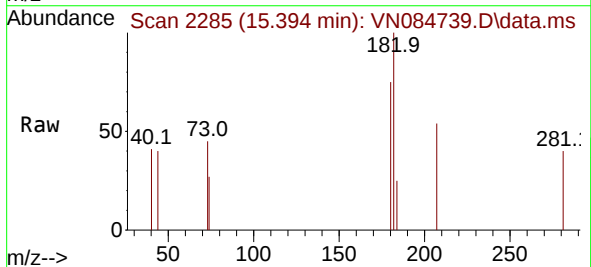
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBL01

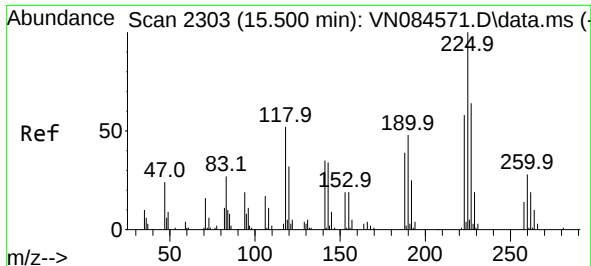
Tgt Ion:146 Resp: 1054
Ion Ratio Lower Upper
146 100
111 27.0 21.2 63.6
148 50.3 31.9 95.9



#93
1,2,4-Trichlorobenzene
Concen: 0.369 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. 0.006 min
Lab File: VN084739.D
Acq: 08 Nov 2024 10:44

Tgt Ion:180 Resp: 812
Ion Ratio Lower Upper
180 100
182 109.6 47.0 141.0
145 0.0 16.4 49.4#

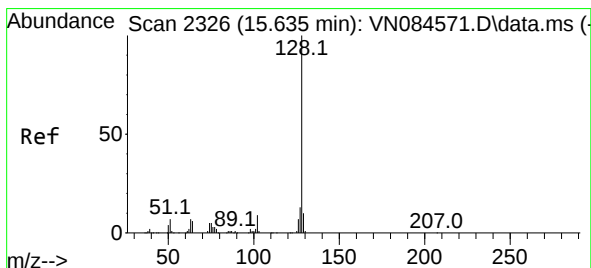
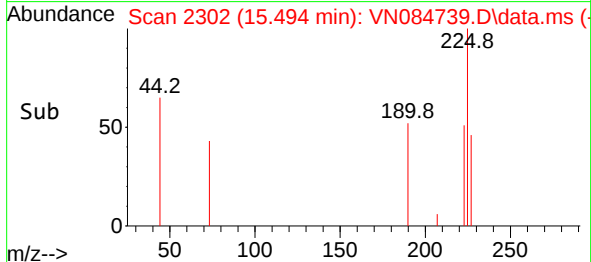
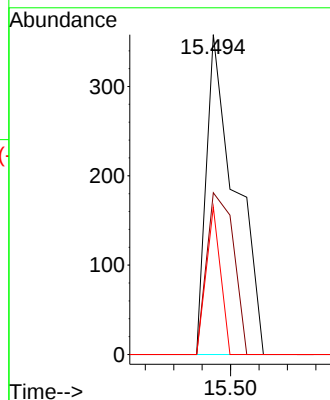
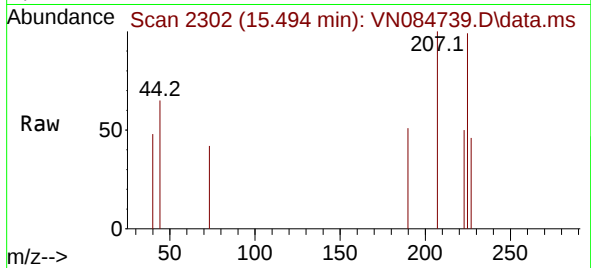




#94
Hexachlorobutadiene
Concen: 0.263 ug/l
RT: 15.494 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN084739.D
Acq: 08 Nov 2024 10:44

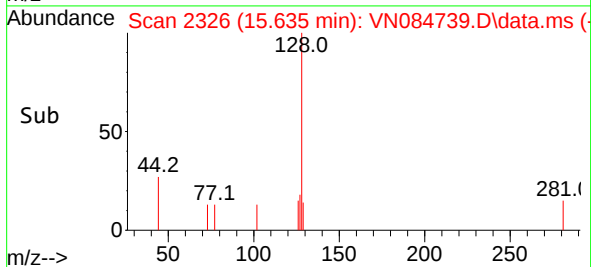
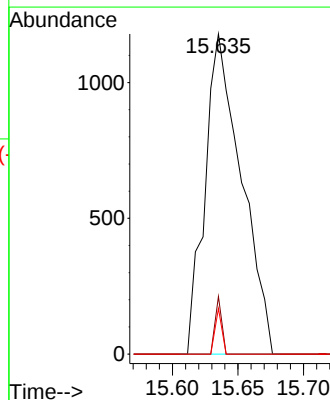
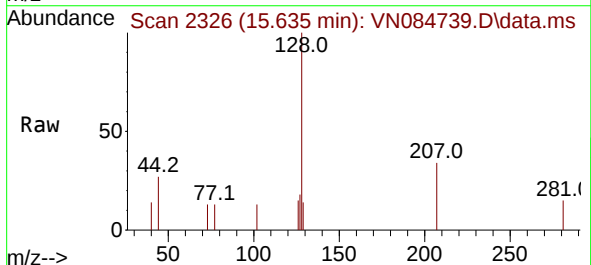
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBL01

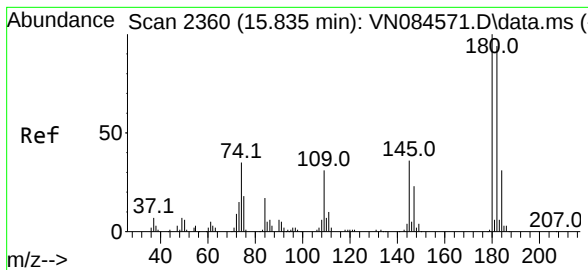
Tgt Ion:225 Resp: 254
Ion Ratio Lower Upper
225 100
223 46.9 32.4 97.2
227 22.8 32.4 97.0#



#95
Naphthalene
Concen: 0.346 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN084739.D
Acq: 08 Nov 2024 10:44

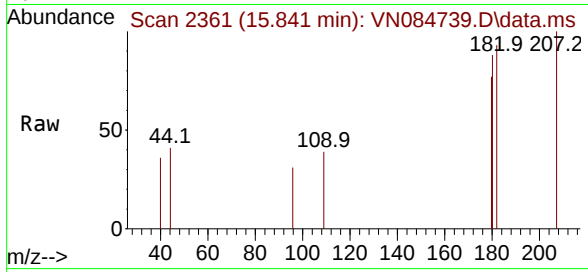
Tgt Ion:128 Resp: 2276
Ion Ratio Lower Upper
128 100
127 3.3 10.5 15.7#
129 2.6 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.416 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN084739.D
 Acq: 08 Nov 2024 10:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1108WBL01



Tgt Ion:180 Resp: 889
 Ion Ratio Lower Upper
 180 100
 182 99.0 48.2 144.6
 145 8.9 17.3 51.9#

