

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110724\
 Data File : VN084723.D
 Acq On : 07 Nov 2024 15:57
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 08 00:27:57 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)

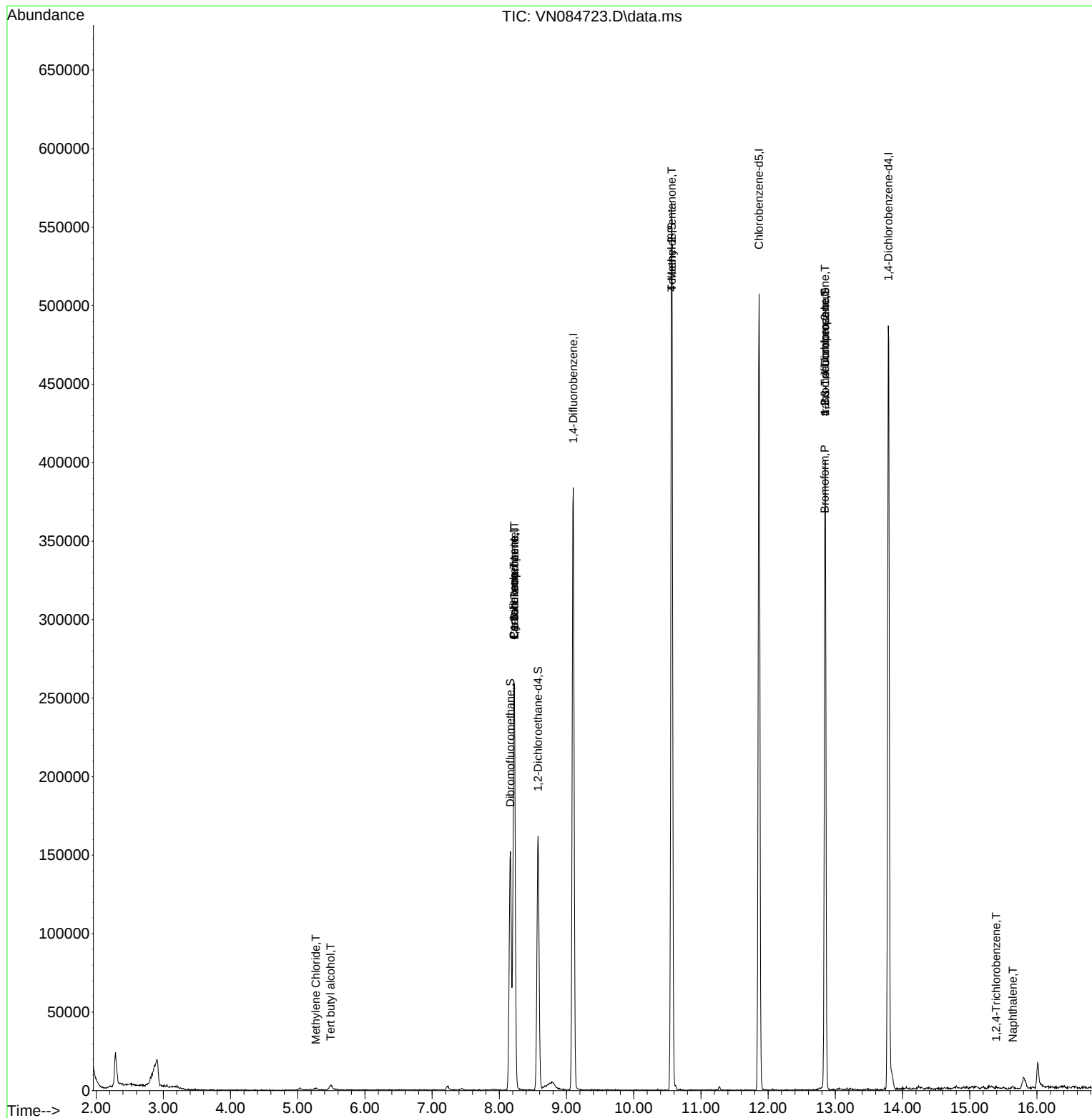
Internal Standards						
1) Pentafluorobenzene	8.218	168	191823	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	330647	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	292622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	134221	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	136257	49.180	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.360%		
35) Dibromofluoromethane	8.165	113	108467	48.464	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.920%		
50) Toluene-d8	10.565	98	390555	47.372	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.740%		
62) 4-Bromofluorobenzene	12.847	95	142885	46.373	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	92.740%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	806	Below Cal	#	41
6) Chloroethane	3.106	64	215	Below Cal	#	45
11) Tert butyl alcohol	5.489	59	3234	8.843	ug/l #	73
18) Methyl Acetate	5.036	43	2402	Below Cal	#	66
20) Methylene Chloride	5.271	84	874	0.359	ug/l #	33
31) Cyclohexane	8.218	56	4307	1.126	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	16047	5.170	ug/l #	53
38) Carbon Tetrachloride	8.224	117	20540	5.920	ug/l #	16
43) Isopropyl Acetate	8.683	43	1938	Below Cal	#	56
51) 4-Methyl-2-Pentanone	10.565	43	1746	0.650	ug/l #	1
71) Bromoform	12.841	173	349	0.204	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	72549	27.040	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	72549	64.150	ug/l #	11
88) 1,4-Dichlorobenzene	13.823	146	194	Below Cal	#	24
93) 1,2,4-Trichlorobenzene	15.394	180	546	0.210	ug/l #	87
95) Naphthalene	15.641	128	1557	0.200	ug/l #	69

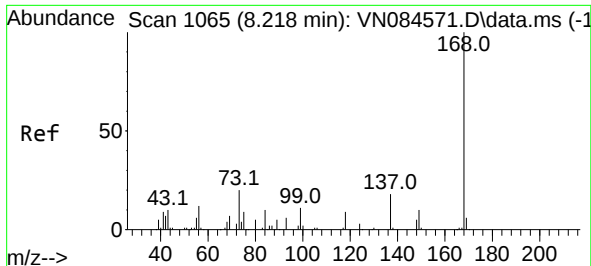
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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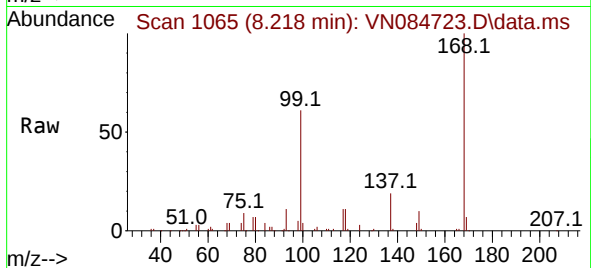
Quant Time: Nov 08 00:27:57 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 18:45:38 2024
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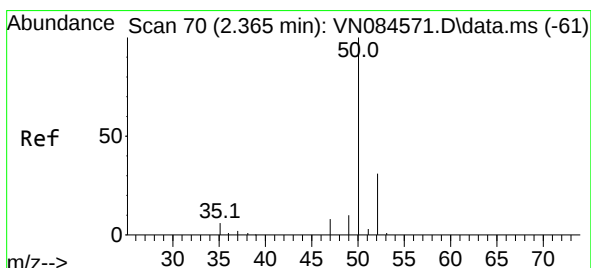
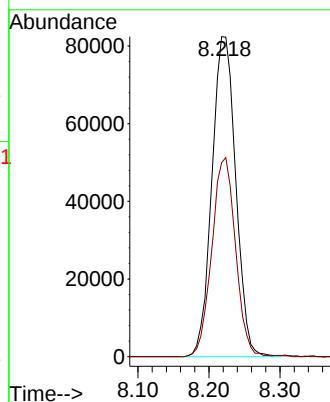
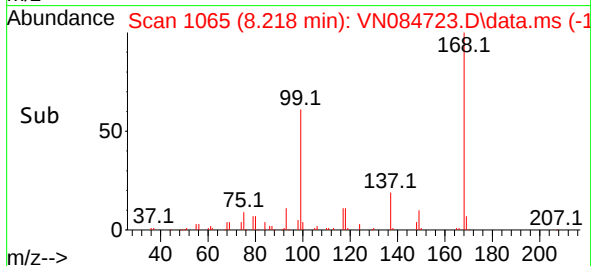


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084723.D
Acq: 07 Nov 2024 15:57

Instrument :
MSVOA_N
ClientSampleId :

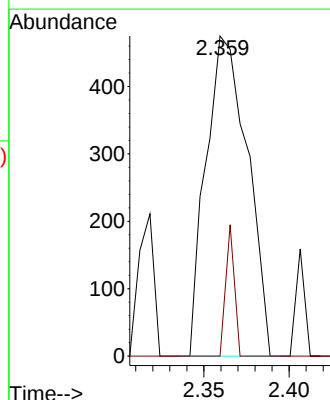
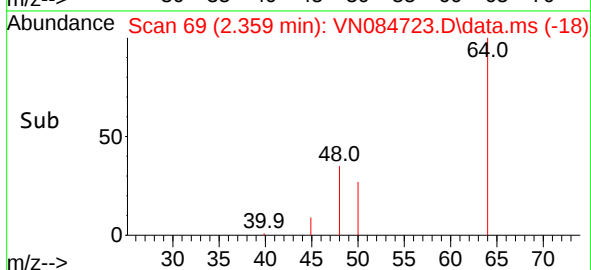
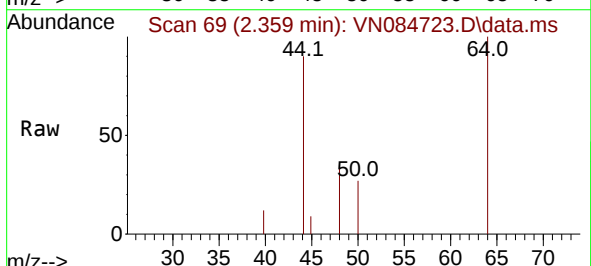


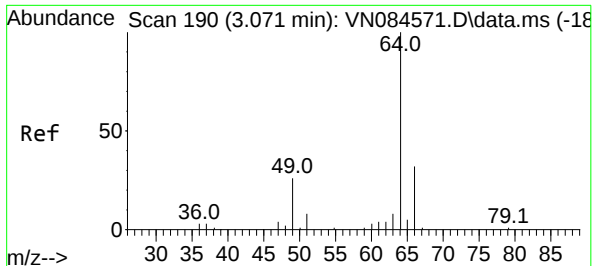
Tgt Ion:168 Resp: 191823
Ion Ratio Lower Upper
168 100
99 60.7 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084723.D
Acq: 07 Nov 2024 15:57

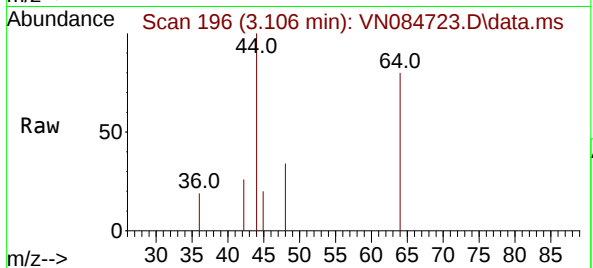
Tgt Ion: 50 Resp: 806
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#



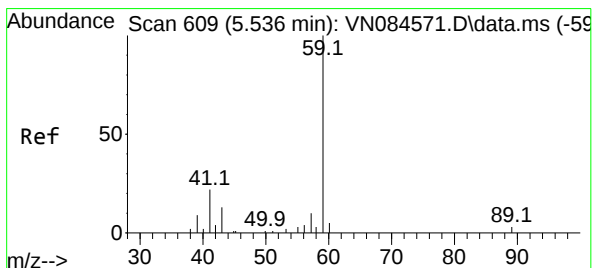
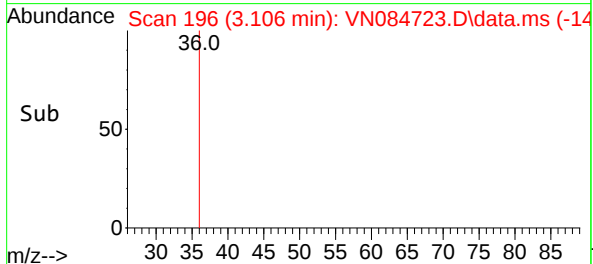
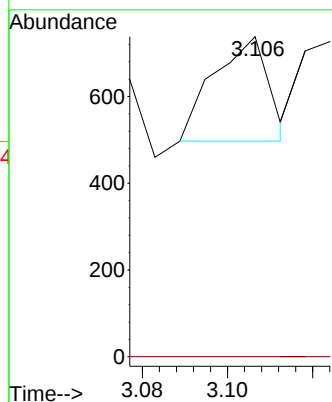


#6
Chloroethane
Concen: Below Cal
RT: 3.106 min Scan# 190
Delta R.T. -0.012 min
Lab File: VN084723.D
Acq: 07 Nov 2024 15:57

Instrument :
MSVOA_N
ClientSampleId :

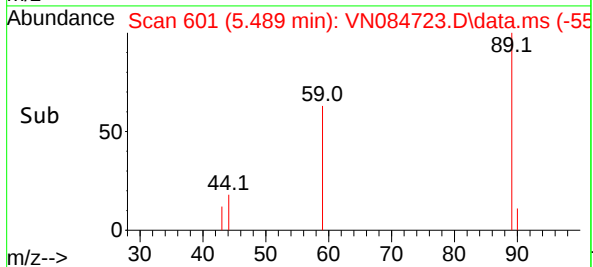
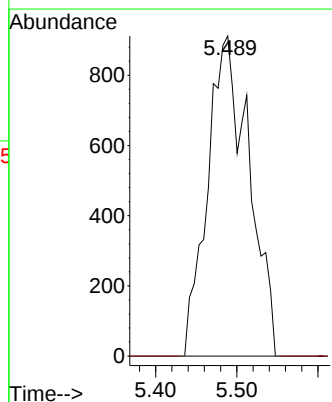
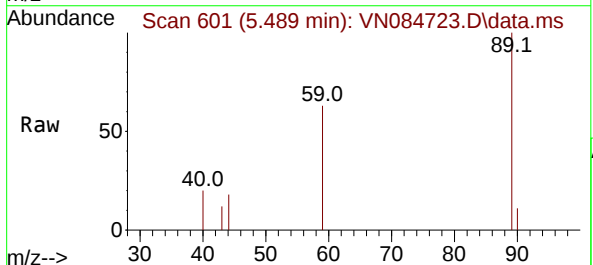


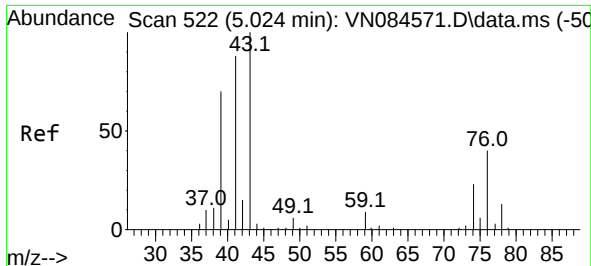
Tgt Ion: 64 Resp: 215
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



#11
Tert butyl alcohol
Concen: 8.843 ug/l
RT: 5.489 min Scan# 601
Delta R.T. -0.035 min
Lab File: VN084723.D
Acq: 07 Nov 2024 15:57

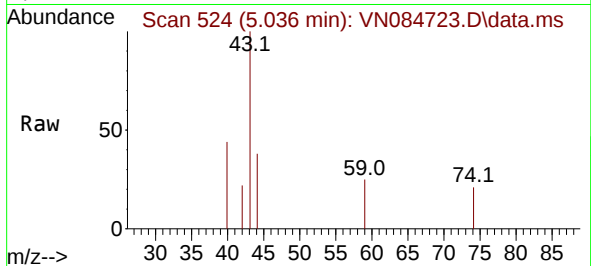
Tgt Ion: 59 Resp: 3234
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



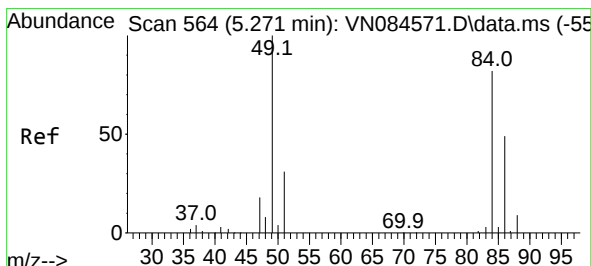
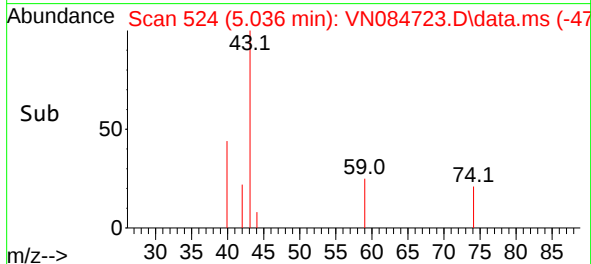
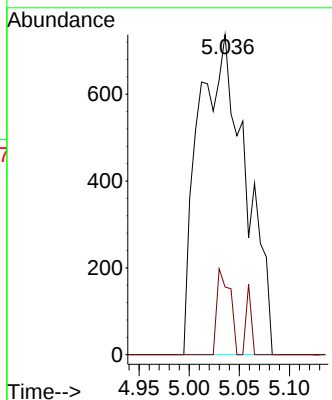


#18
Methyl Acetate
Concen: Below Cal
RT: 5.036 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN084723.D
Acq: 07 Nov 2024 15:57

Instrument :
MSVOA_N
ClientSampleId :

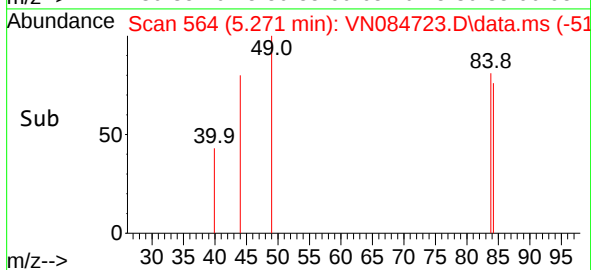
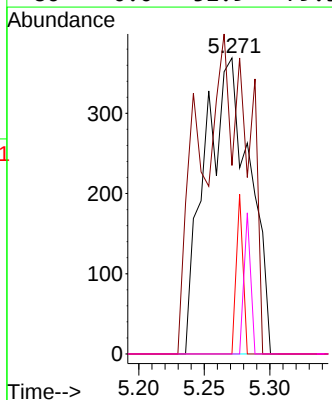
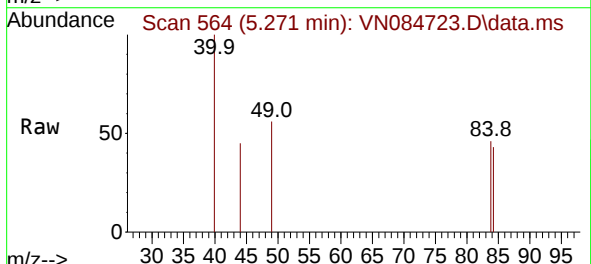


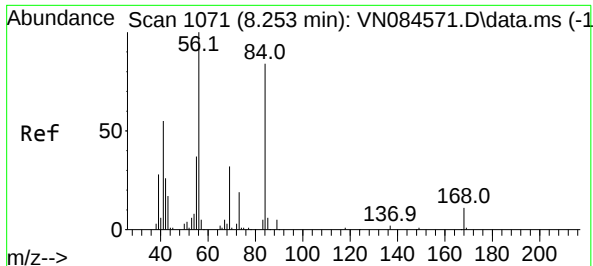
Tgt Ion: 43 Resp: 2402
Ion Ratio Lower Upper
43 100
74 7.5 19.2 28.8#



#20
Methylene Chloride
Concen: 0.359 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN084723.D
Acq: 07 Nov 2024 15:57

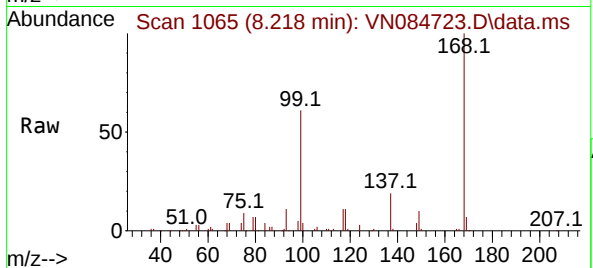
Tgt Ion: 84 Resp: 874
Ion Ratio Lower Upper
84 100
49 63.7 107.2 160.8#
51 0.0 31.8 47.8#
86 0.0 52.9 79.3#



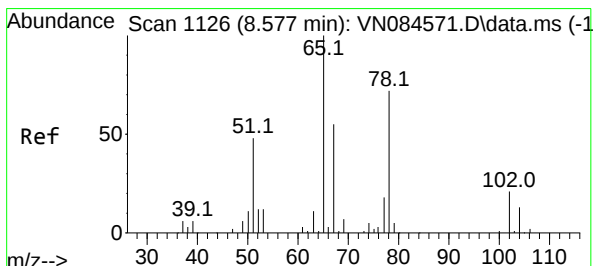
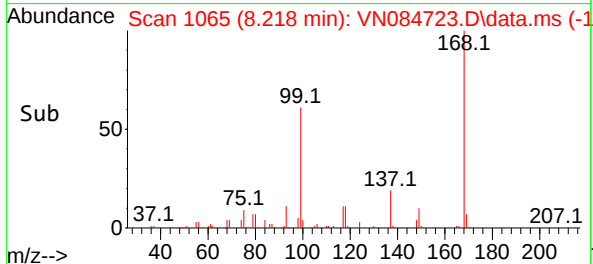
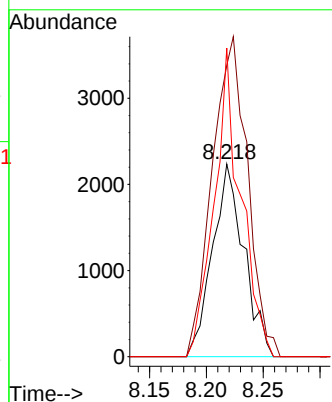


#31
Cyclohexane
Concen: 1.126 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN084723.D
Acq: 07 Nov 2024 15:57

Instrument :
MSVOA_N
ClientSampleId :

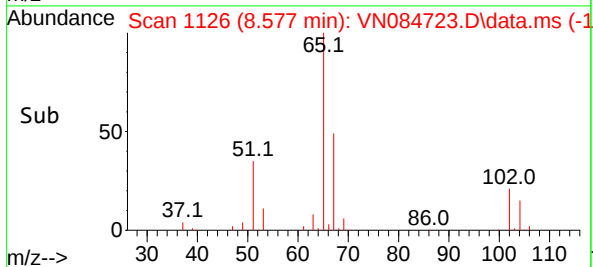
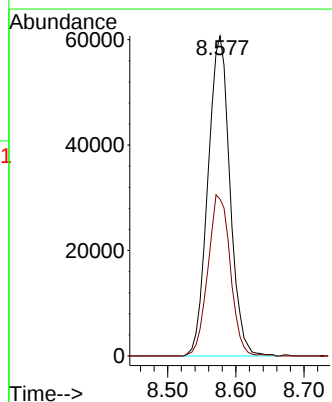
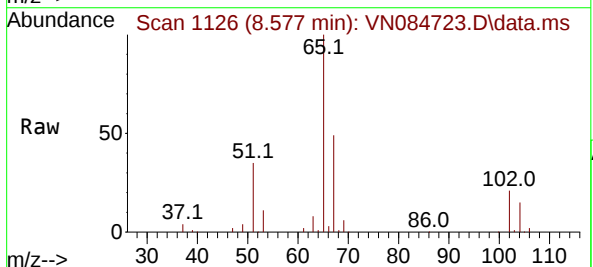


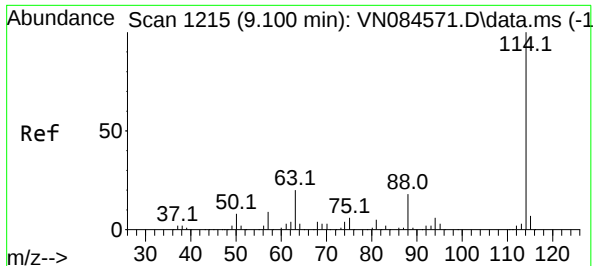
Tgt Ion: 56 Resp: 4307
Ion Ratio Lower Upper
56 100
69 151.1 23.8 35.6#
84 160.2 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 49.180 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084723.D
Acq: 07 Nov 2024 15:57

Tgt Ion: 65 Resp: 136257
Ion Ratio Lower Upper
65 100
67 51.3 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084723.D

Acq: 07 Nov 2024 15:57

Instrument :

MSVOA_N

ClientSampleId :

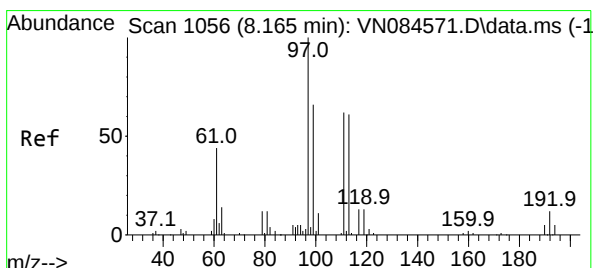
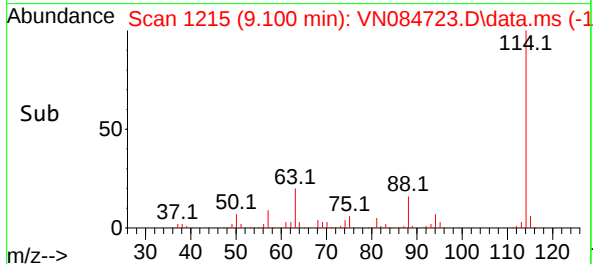
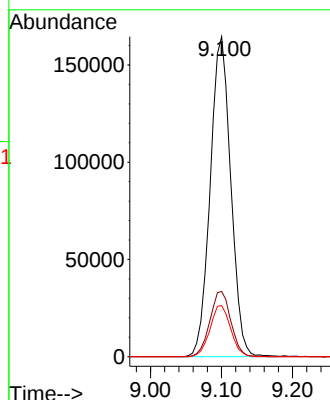
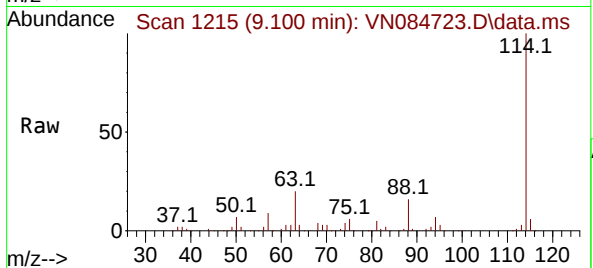
Tgt Ion:114 Resp: 330647

Ion Ratio Lower Upper

114 100

63 20.4 0.0 43.8

88 15.9 0.0 31.6



#35

Dibromofluoromethane

Concen: 48.464 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084723.D

Acq: 07 Nov 2024 15:57

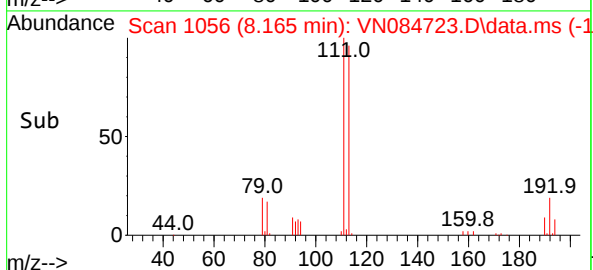
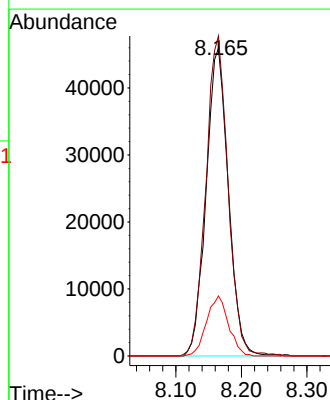
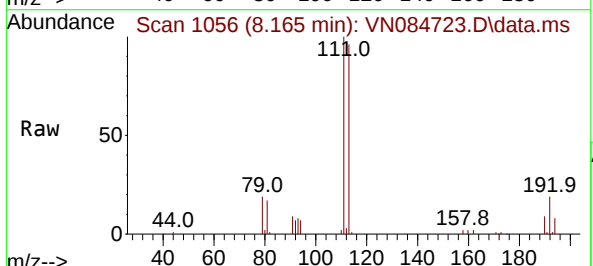
Tgt Ion:113 Resp: 108467

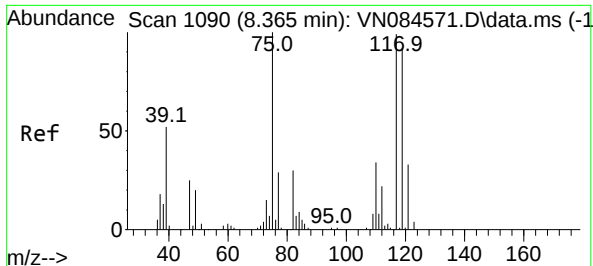
Ion Ratio Lower Upper

113 100

111 103.8 83.3 124.9

192 19.2 13.5 20.3





#36

1,1-Dichloropropene

Concen: 5.170 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084723.D

Acq: 07 Nov 2024 15:57

Instrument :

MSVOA_N

ClientSampleId :

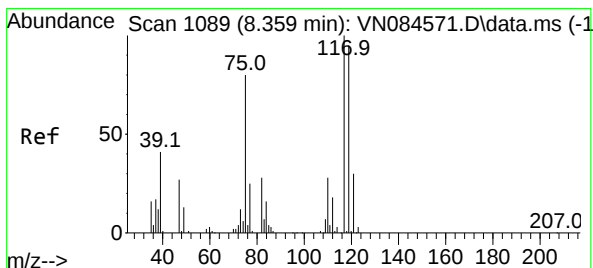
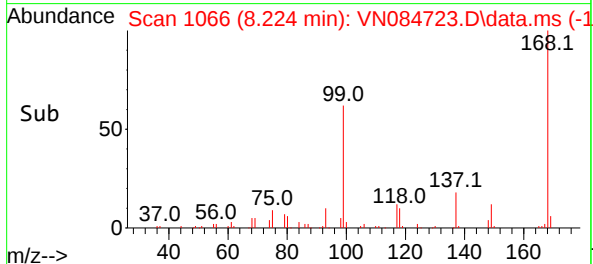
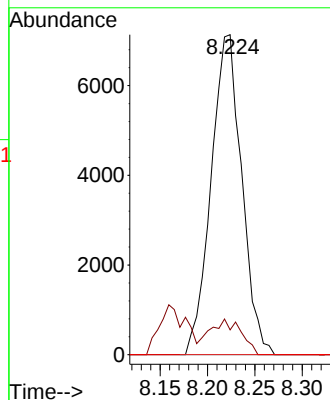
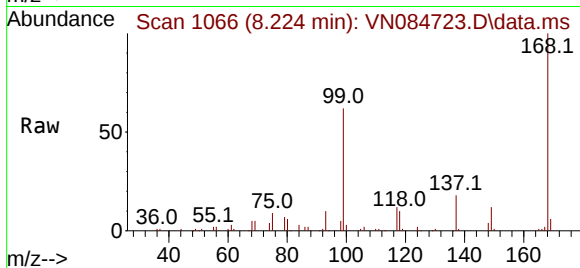
Tgt Ion: 75 Resp: 16047

Ion Ratio Lower Upper

75 100

110 11.5 16.9 50.7#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.920 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN084723.D

Acq: 07 Nov 2024 15:57

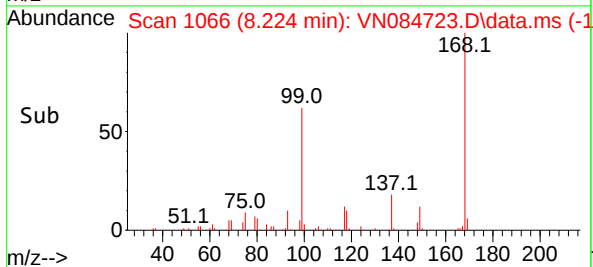
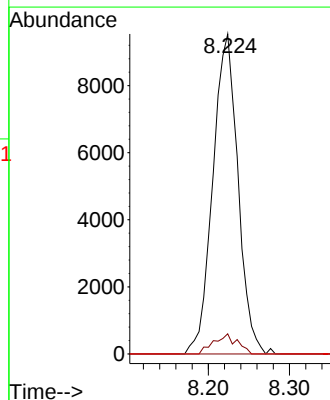
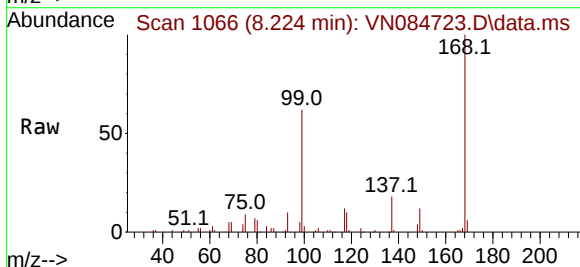
Tgt Ion: 117 Resp: 20540

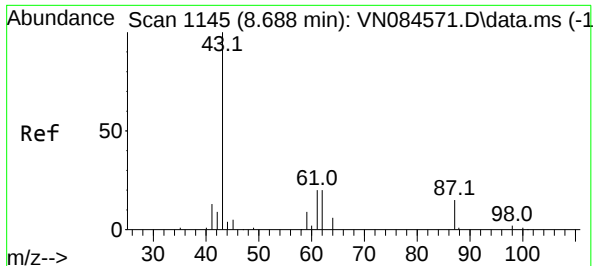
Ion Ratio Lower Upper

117 100

119 6.3 78.7 118.1#

121 0.0 24.4 36.6#





#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.683 min Scan# 1145

Delta R.T. -0.005 min

Lab File: VN084723.D

Acq: 07 Nov 2024 15:57

Instrument :

MSVOA_N

ClientSampleId :

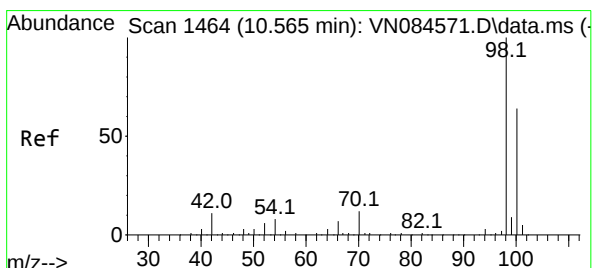
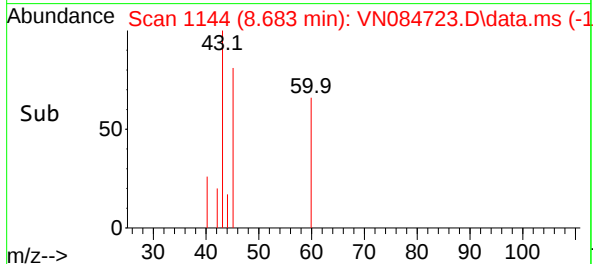
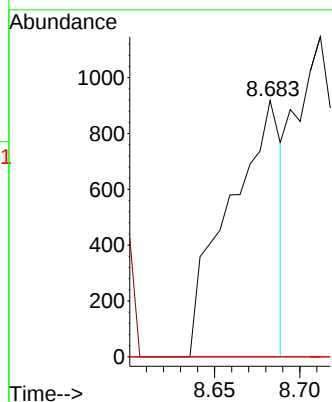
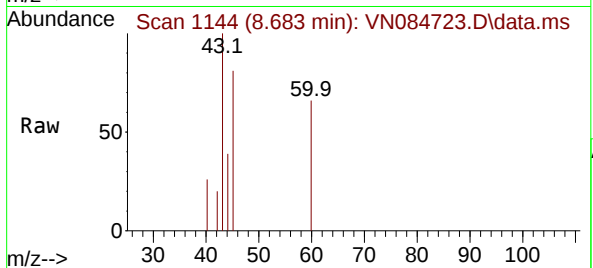
Tgt Ion: 43 Resp: 1938

Ion Ratio Lower Upper

43 100

61 0.0 20.4 30.6#

87 0.0 10.3 15.5#



#50

Toluene-d8

Concen: 47.372 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084723.D

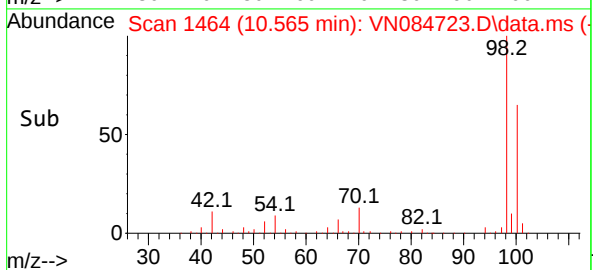
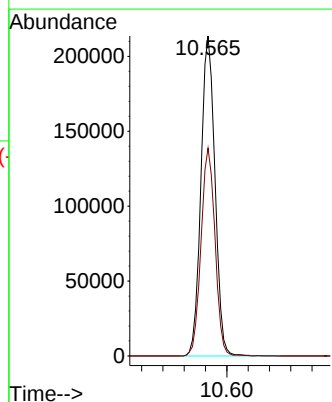
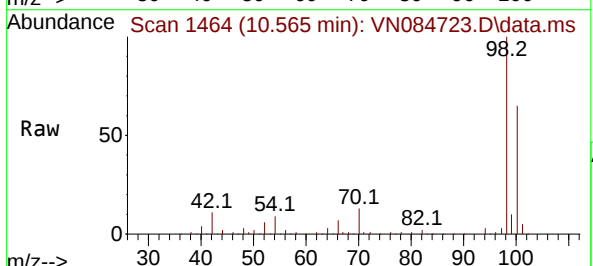
Acq: 07 Nov 2024 15:57

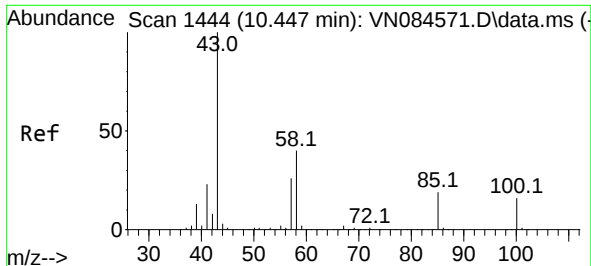
Tgt Ion: 98 Resp: 390555

Ion Ratio Lower Upper

98 100

100 64.7 52.7 79.1

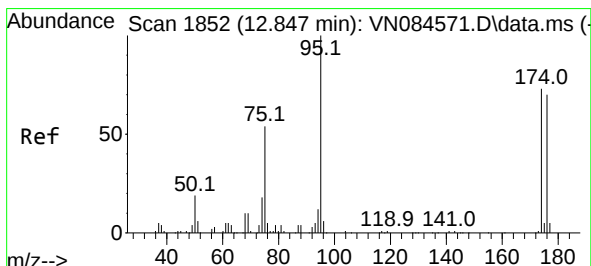
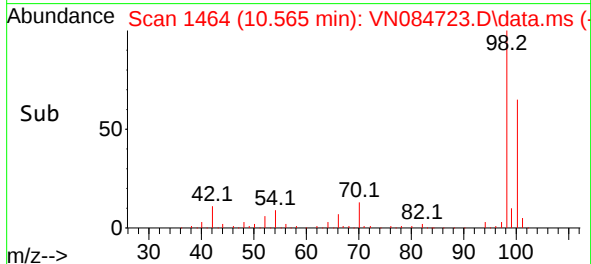
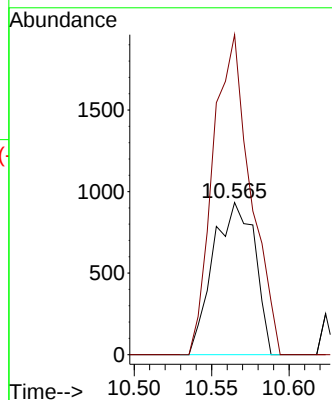
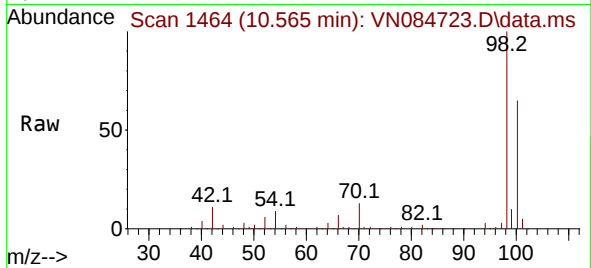




#51
4-Methyl-2-Pentanone
Concen: 0.650 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.124 min
Lab File: VN084723.D
Acq: 07 Nov 2024 15:57

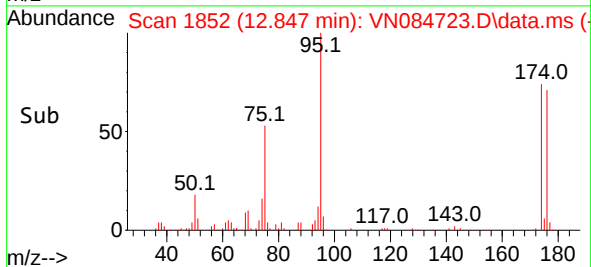
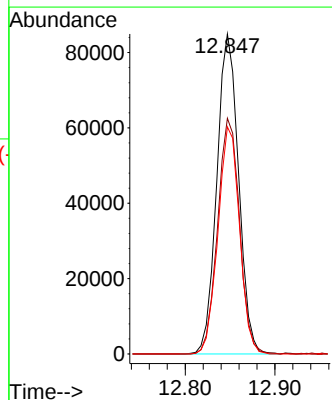
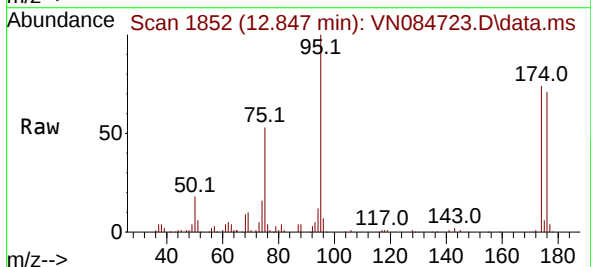
Instrument :
MSVOA_N
ClientSampleId :

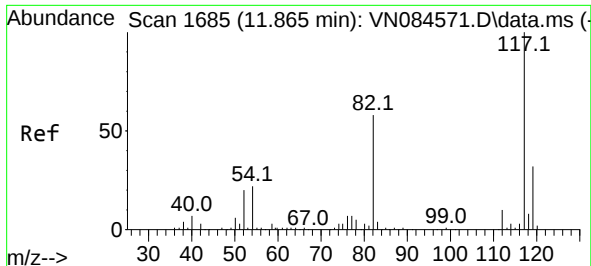
Tgt Ion: 43 Resp: 1746
Ion Ratio Lower Upper
43 100
58 189.5 31.6 47.4#



#62
4-Bromofluorobenzene
Concen: 46.373 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084723.D
Acq: 07 Nov 2024 15:57

Tgt Ion: 95 Resp: 142885
Ion Ratio Lower Upper
95 100
174 74.1 0.0 145.2
176 70.3 0.0 140.0

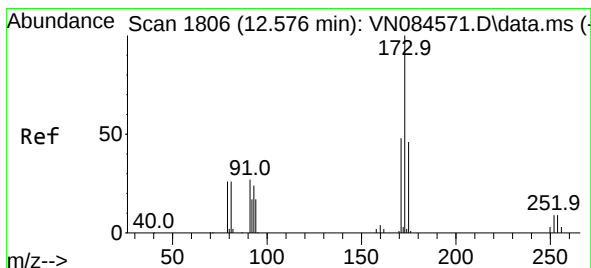
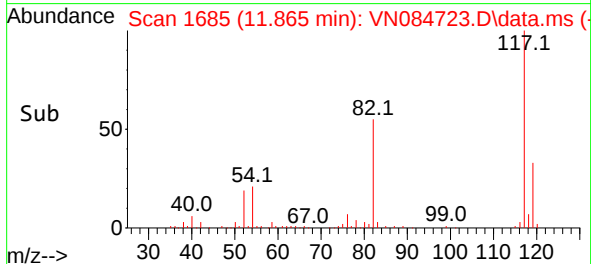
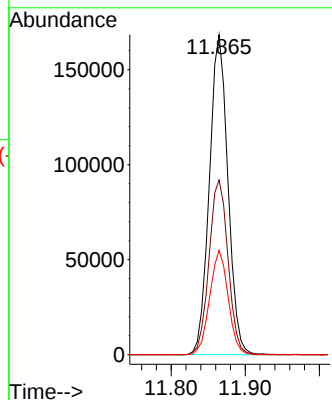
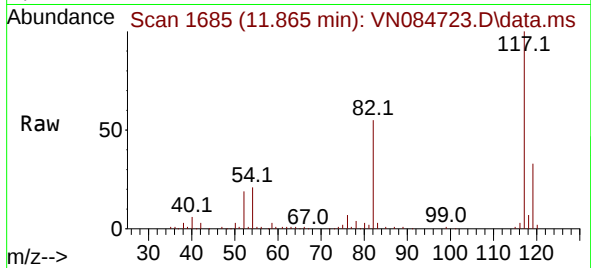




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084723.D
Acq: 07 Nov 2024 15:57

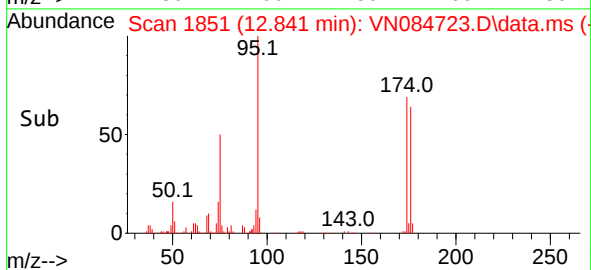
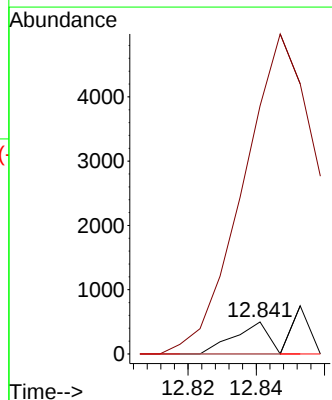
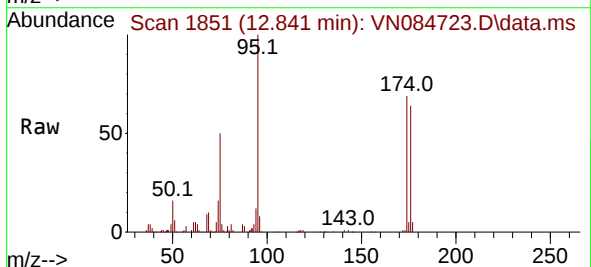
Instrument :
MSVOA_N
ClientSampleId :

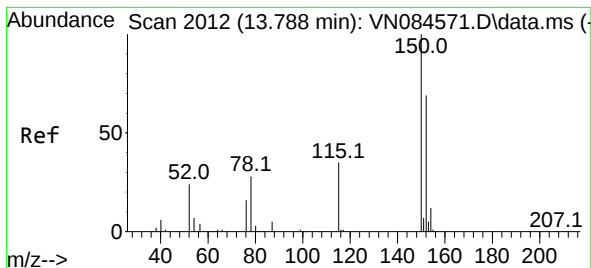
Tgt Ion:117 Resp: 292622
Ion Ratio Lower Upper
117 100
82 54.6 47.2 70.8
119 32.6 25.4 38.0



#71
Bromoform
Concen: 0.204 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.265 min
Lab File: VN084723.D
Acq: 07 Nov 2024 15:57

Tgt Ion:173 Resp: 349
Ion Ratio Lower Upper
173 100
175 1742.1 23.5 70.6#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 20

Delta R.T. 0.000 min

Lab File: VN084723.D

Acq: 07 Nov 2024 15:57

Instrument :

MSVOA_N

ClientSampleId :

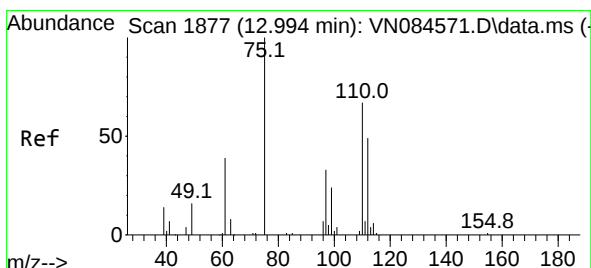
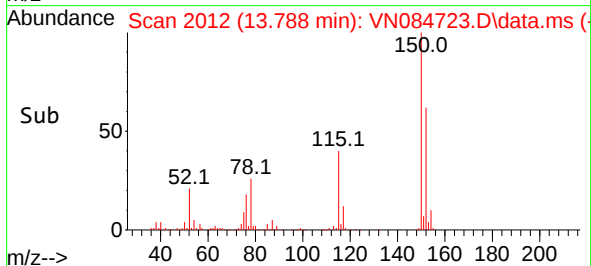
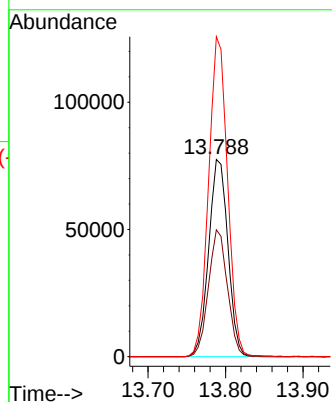
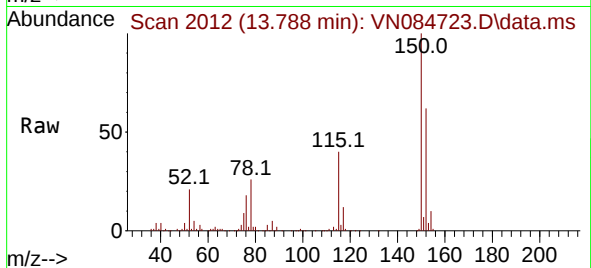
Tgt Ion:152 Resp: 134221

Ion Ratio Lower Upper

152 100

115 63.1 31.3 93.9

150 158.9 0.0 349.8



#76

1,2,3-Trichloropropane

Concen: 27.040 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VN084723.D

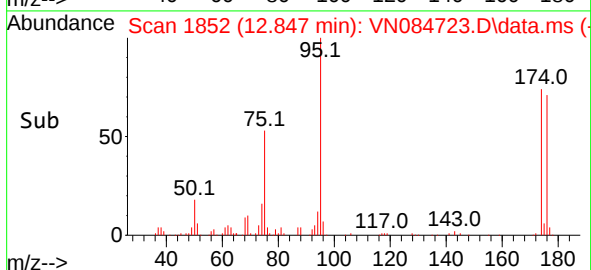
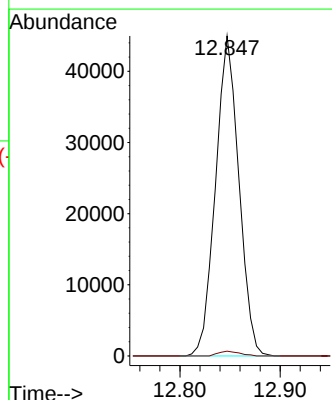
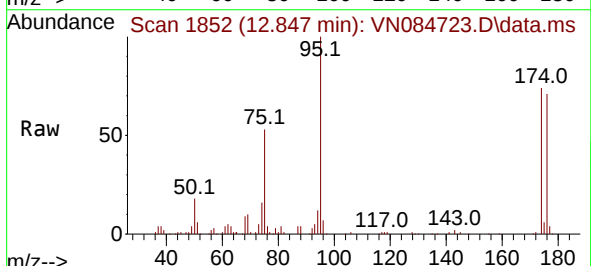
Acq: 07 Nov 2024 15:57

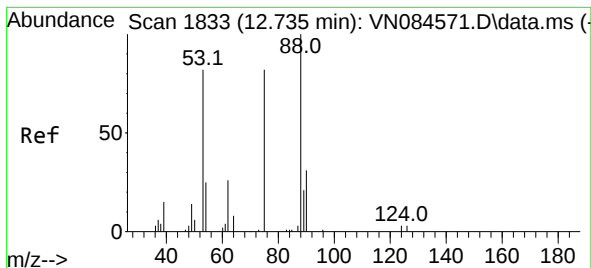
Tgt Ion: 75 Resp: 72549

Ion Ratio Lower Upper

75 100

77 1.4 96.9 290.7#

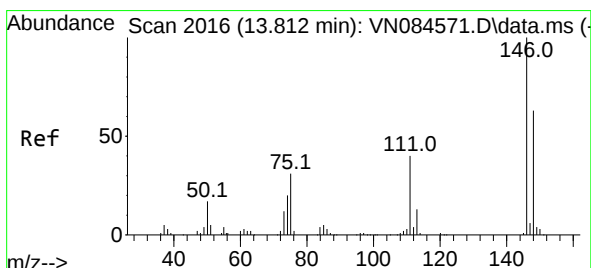
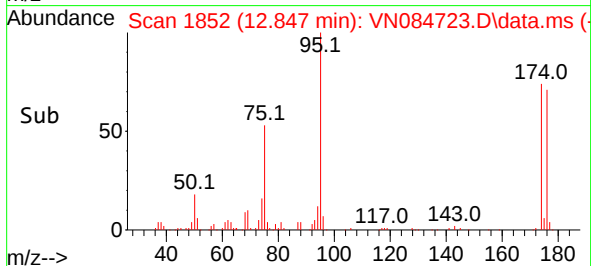
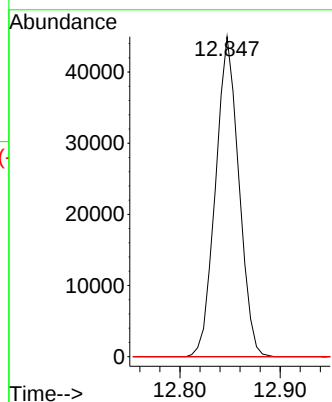
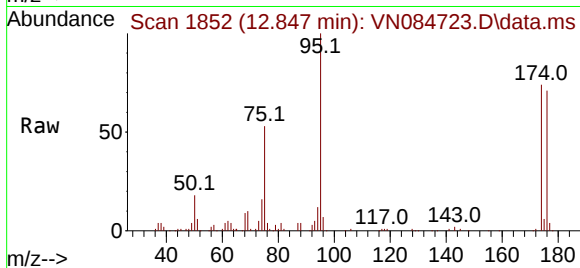




#81
trans-1,4-Dichloro-2-butene
Concen: 64.150 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN084723.D
Acq: 07 Nov 2024 15:57

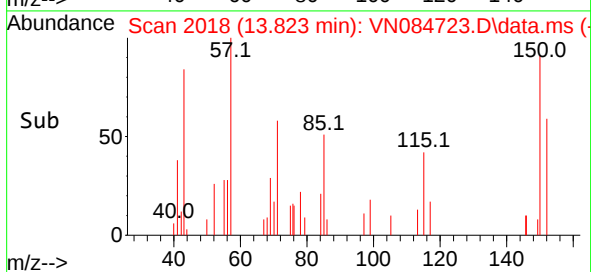
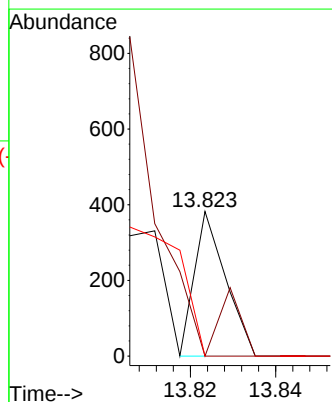
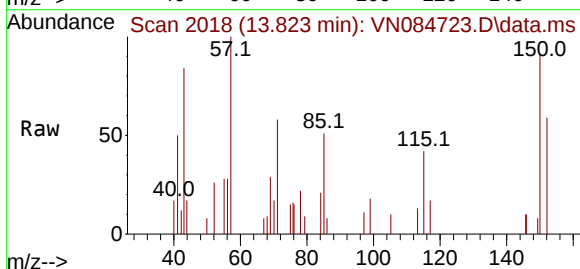
Instrument :
MSVOA_N
ClientSampleId :

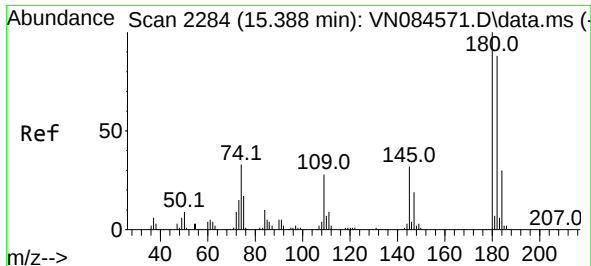
Tgt Ion: 75 Resp: 72549
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#



#88
1,4-Dichlorobenzene
Concen: Below Cal
RT: 13.823 min Scan# 2018
Delta R.T. 0.011 min
Lab File: VN084723.D
Acq: 07 Nov 2024 15:57

Tgt Ion:146 Resp: 194
Ion Ratio Lower Upper
146 100
111 0.0 21.2 63.6#
148 0.0 31.9 95.9#





#93

1,2,4-Trichlorobenzene

Concen: 0.210 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.006 min

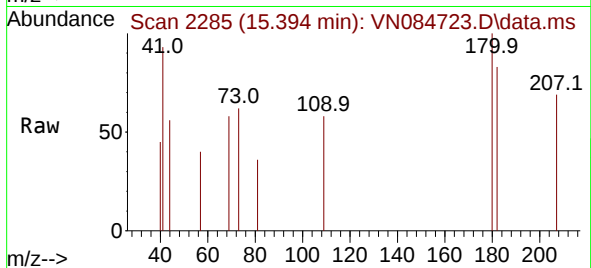
Lab File: VN084723.D

Acq: 07 Nov 2024 15:57

Instrument :

MSVOA_N

ClientSampleId :



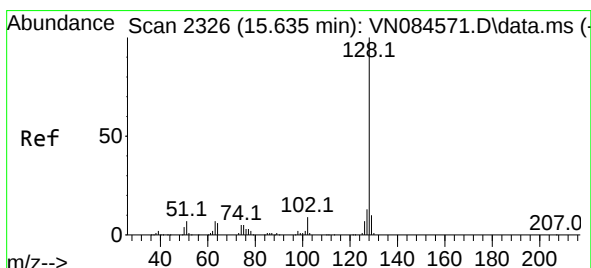
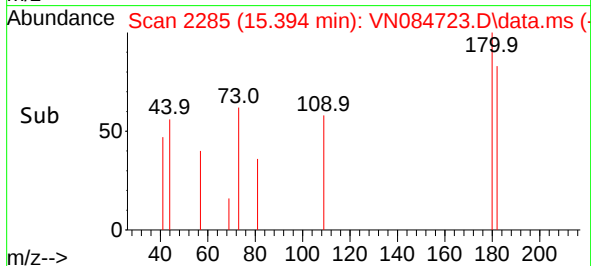
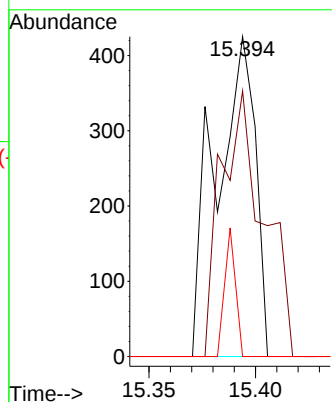
Tgt Ion:180 Resp: 546

Ion Ratio Lower Upper

180 100

182 89.7 47.0 141.0

145 11.0 16.4 49.4#



#95

Naphthalene

Concen: 0.200 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN084723.D

Acq: 07 Nov 2024 15:57

Tgt Ion:128 Resp: 1557

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

129 0.0 8.7 13.1#

