

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111324\
 Data File : VN084830.D
 Acq On : 13 Nov 2024 16:47
 Operator : JC\MD
 Sample : P4770-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 14 00:38:47 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)

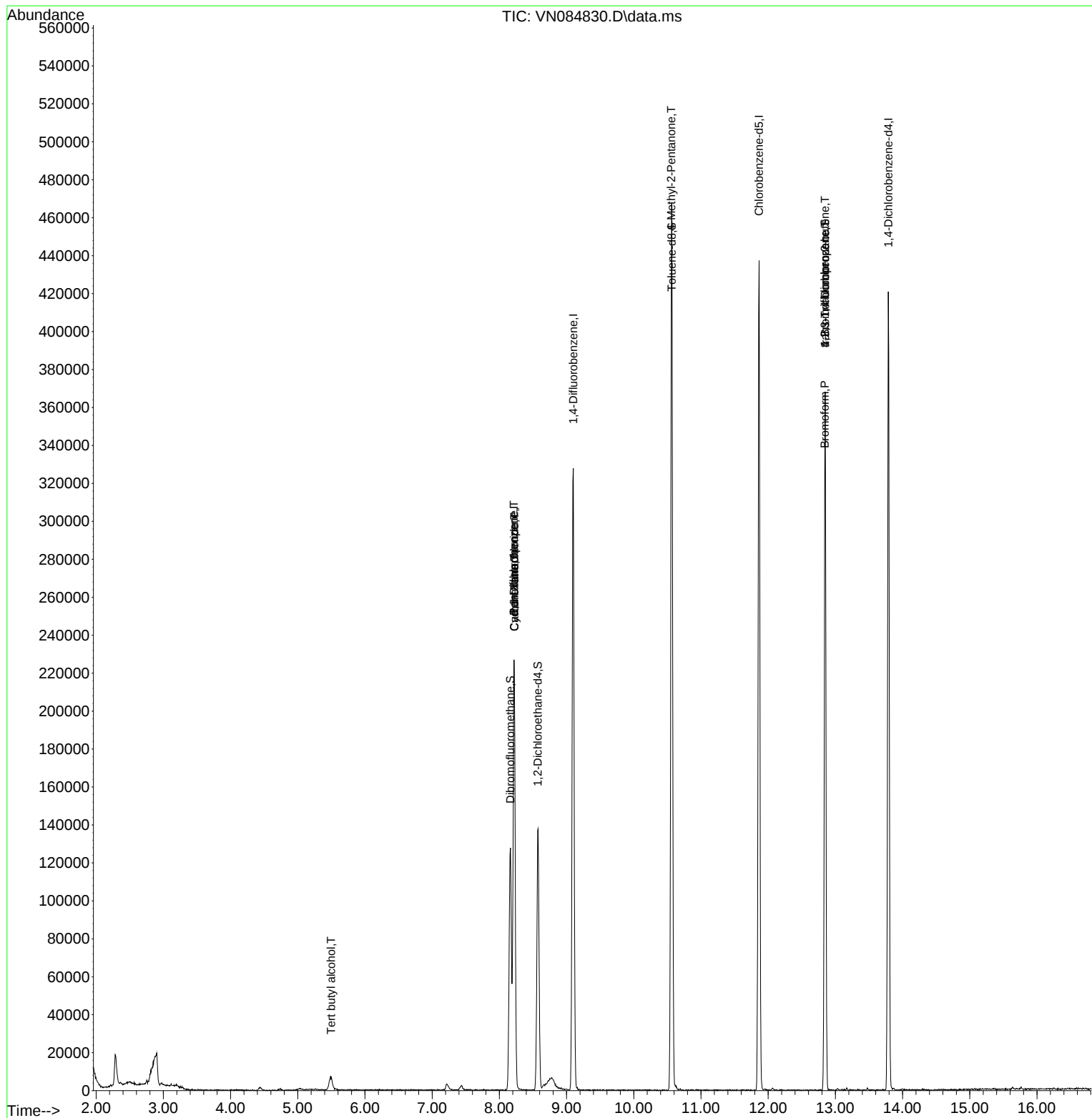
Internal Standards						
1) Pentafluorobenzene	8.218	168	165362	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	285235	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	254102	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	114393	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	116307	48.697	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.400%		
35) Dibromofluoromethane	8.165	113	93767	48.566	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.140%		
50) Toluene-d8	10.565	98	330214	46.430	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.860%		
62) 4-Bromofluorobenzene	12.847	95	127227	47.865	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	95.740%		
Target Compounds						Qvalue
3) Chloromethane	2.365	50	827	Below Cal	#	41
6) Chloroethane	3.065	64	352	Below Cal	#	45
11) Tert butyl alcohol	5.494	59	6874	21.804	ug/l #	73
16) Acetone	4.436	43	1098	Below Cal	#	44
18) Methyl Acetate	5.030	43	1748	Below Cal	#	58
31) Cyclohexane	8.223	56	3340	1.013	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	13937	5.205	ug/l #	51
38) Carbon Tetrachloride	8.223	117	17375	5.805	ug/l #	15
43) Isopropyl Acetate	8.700	43	490	Below Cal	#	56
51) 4-Methyl-2-Pentanone	10.559	43	1260	0.544	ug/l #	1
71) Bromoform	12.841	173	852	0.573	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	67745	29.626	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	67745	70.285	ug/l #	11
88) 1,4-Dichlorobenzene	13.805	146	224	Below Cal	#	67

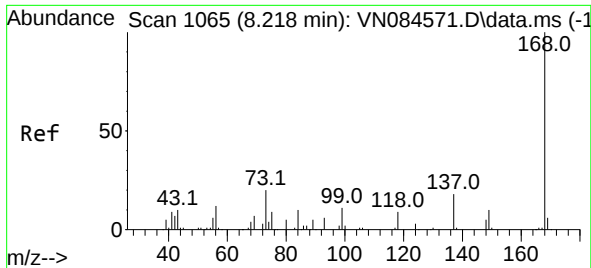
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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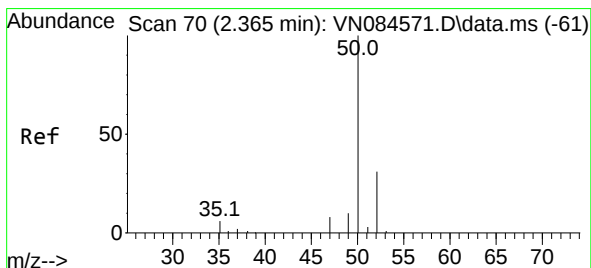
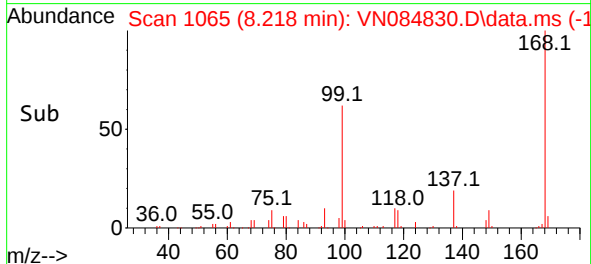
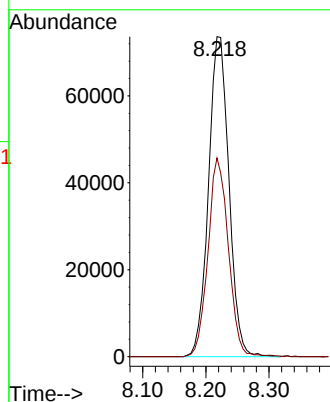
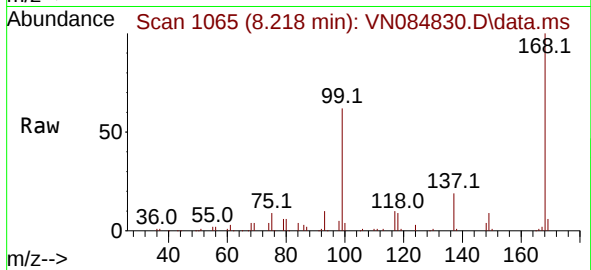




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084830.D
Acq: 13 Nov 2024 16:47

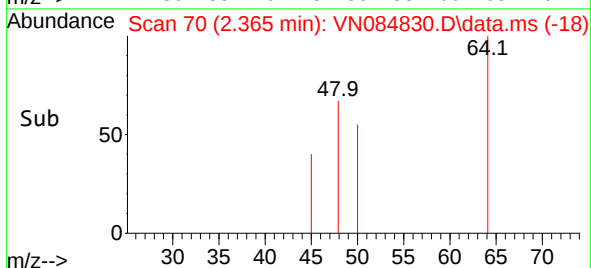
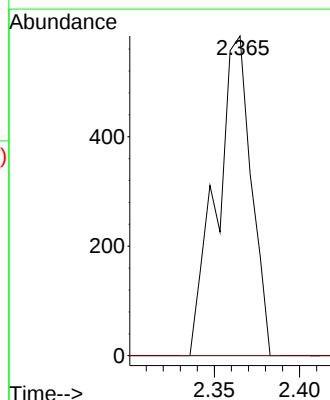
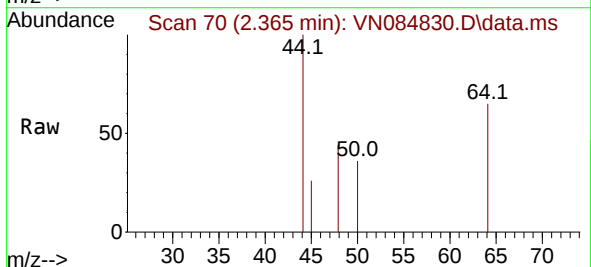
Instrument :
MSVOA_N
ClientSampleId :

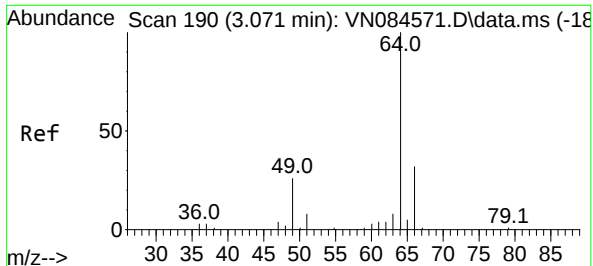
Tgt Ion:168 Resp: 165362
Ion Ratio Lower Upper
168 100
99 62.1 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084830.D
Acq: 13 Nov 2024 16:47

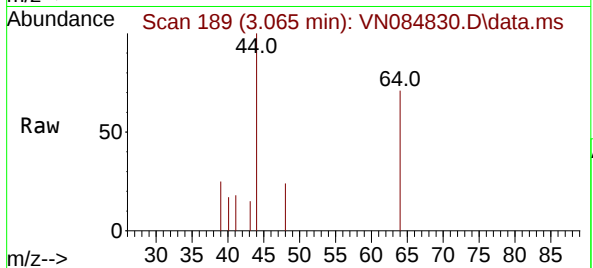
Tgt Ion: 50 Resp: 827
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#



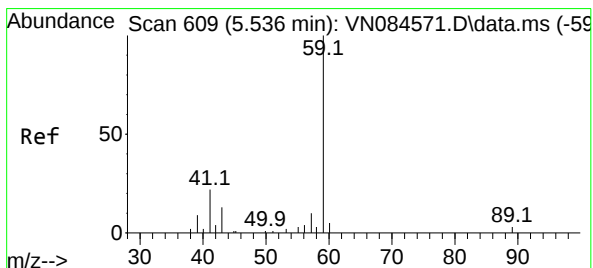
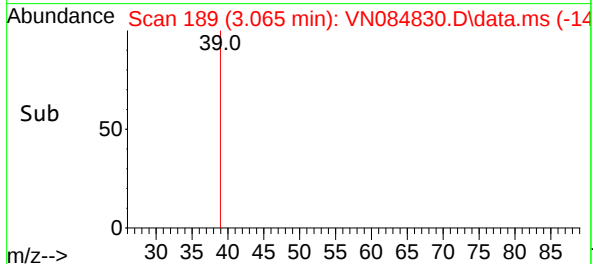
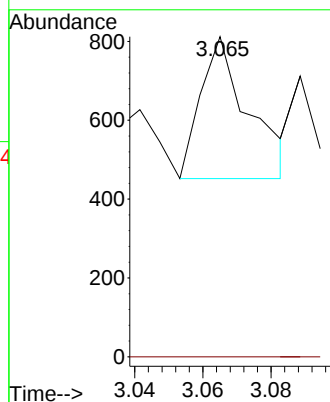


#6
Chloroethane
Concen: Below Cal
RT: 3.065 min Scan# 11
Delta R.T. -0.053 min
Lab File: VN084830.D
Acq: 13 Nov 2024 16:47

Instrument :
MSVOA_N
ClientSampleId :

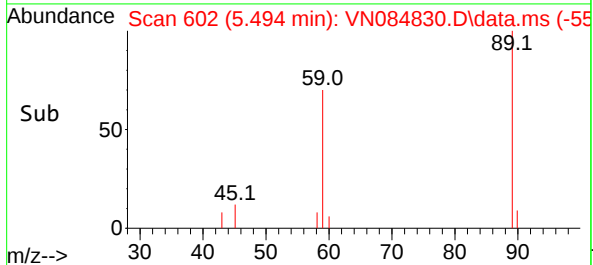
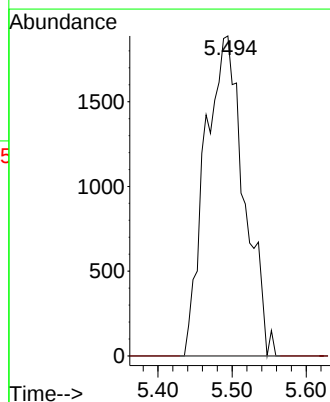
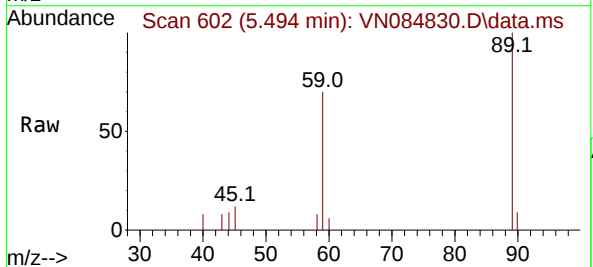


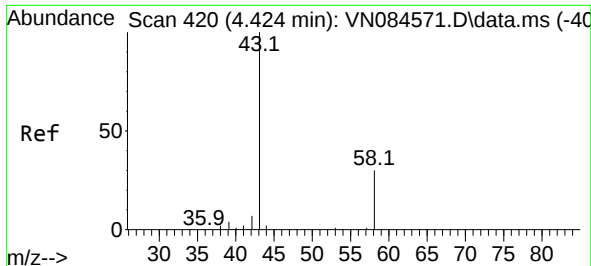
Tgt Ion: 64 Resp: 352
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



#11
Tert butyl alcohol
Concen: 21.804 ug/l
RT: 5.494 min Scan# 602
Delta R.T. -0.030 min
Lab File: VN084830.D
Acq: 13 Nov 2024 16:47

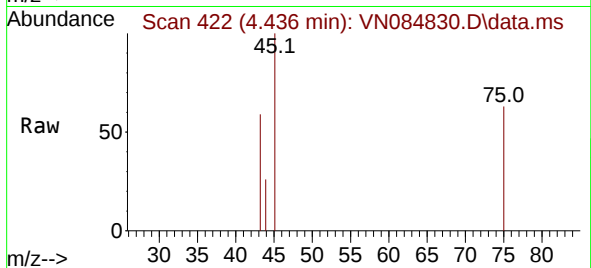
Tgt Ion: 59 Resp: 6874
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



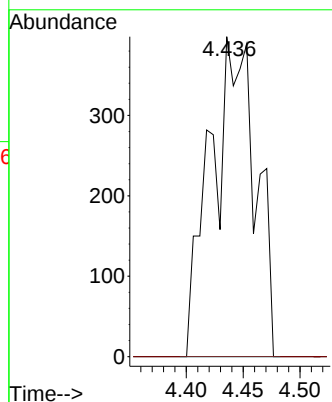
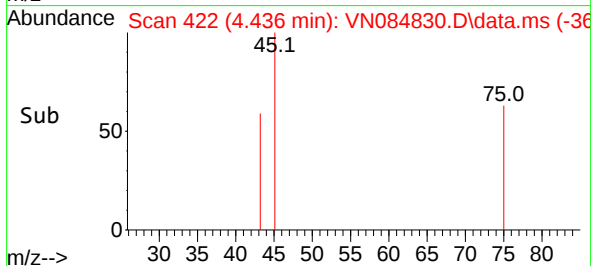


#16
Acetone
Concen: Below Cal
RT: 4.436 min Scan# 41
Delta R.T. 0.011 min
Lab File: VN084830.D
Acq: 13 Nov 2024 16:47

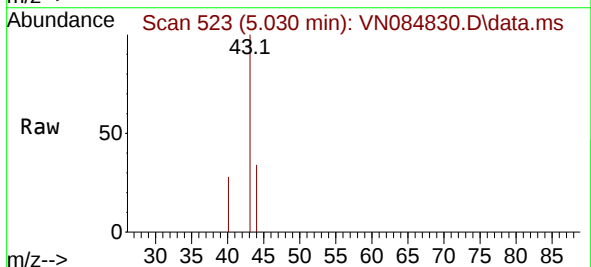
Instrument :
MSVOA_N
ClientSampleId :



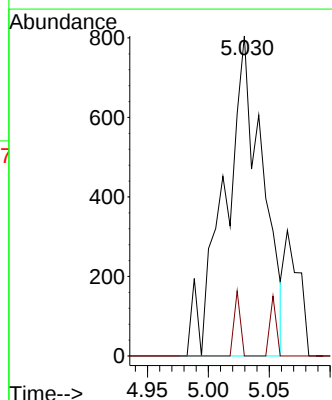
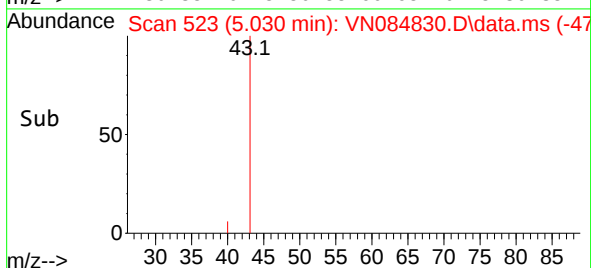
Tgt Ion: 43 Resp: 1098
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#

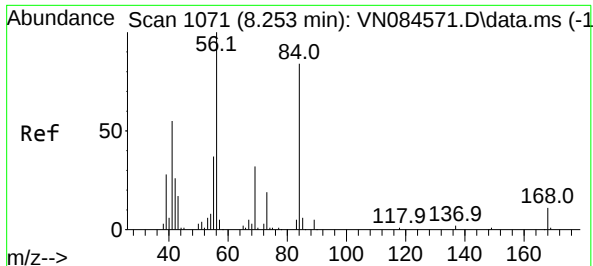


#18
Methyl Acetate
Concen: Below Cal
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN084830.D
Acq: 13 Nov 2024 16:47



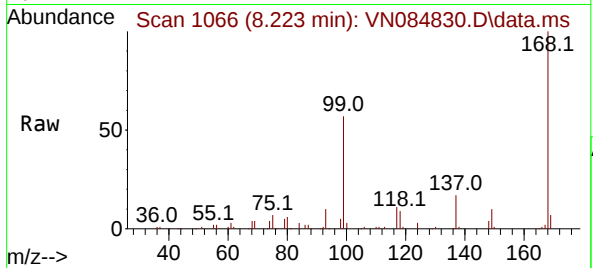
Tgt Ion: 43 Resp: 1748
Ion Ratio Lower Upper
43 100
74 3.3 19.2 28.8#



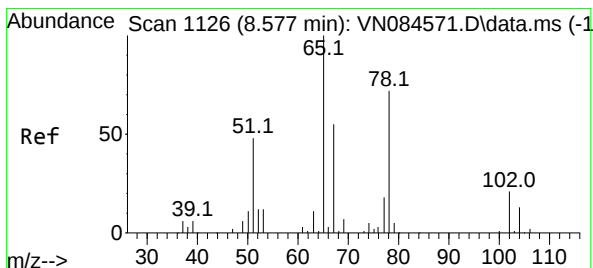
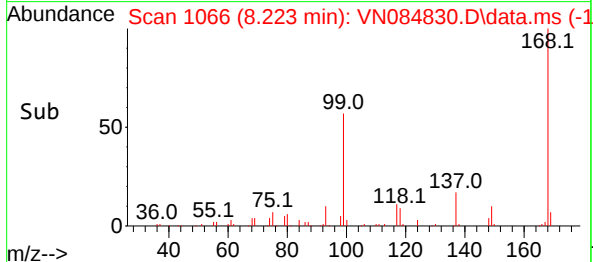
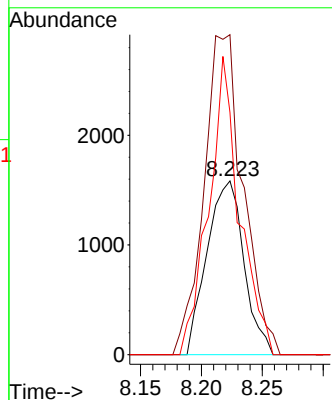


#31
Cyclohexane
Concen: 1.013 ug/l
RT: 8.223 min Scan# 1066
Delta R.T. -0.030 min
Lab File: VN084830.D
Acq: 13 Nov 2024 16:47

Instrument :
MSVOA_N
ClientSampleId :

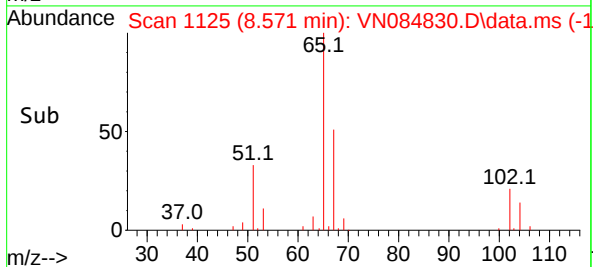
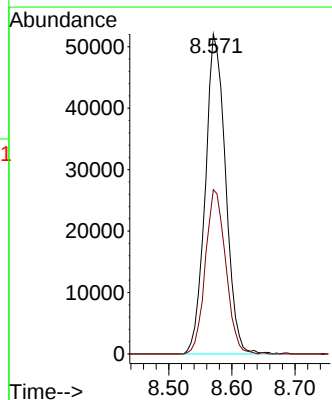
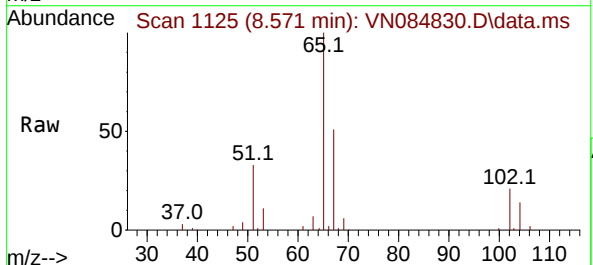


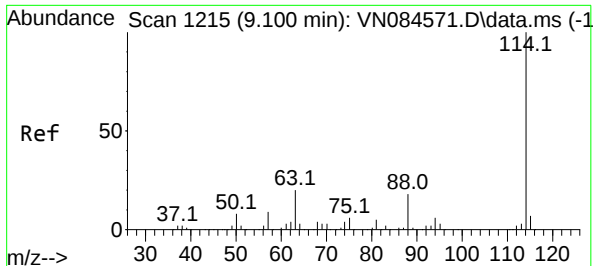
Tgt Ion: 56 Resp: 3340
Ion Ratio Lower Upper
56 100
69 184.1 23.8 35.6#
84 139.4 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 48.697 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN084830.D
Acq: 13 Nov 2024 16:47

Tgt Ion: 65 Resp: 116307
Ion Ratio Lower Upper
65 100
67 51.4 0.0 102.0

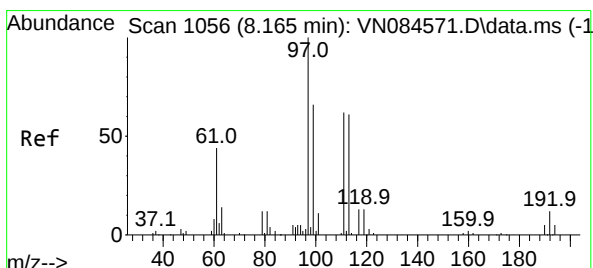
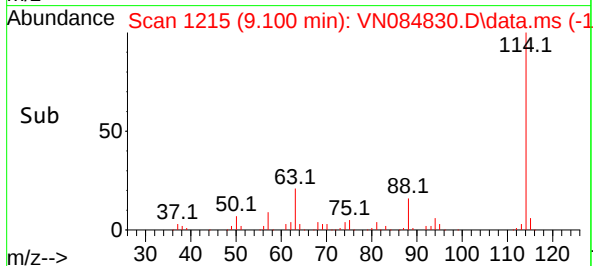
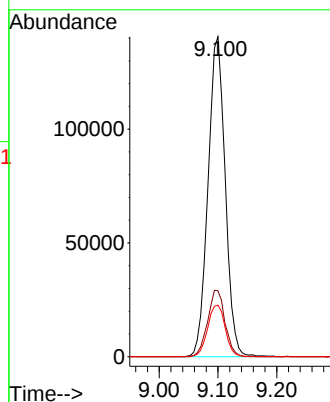
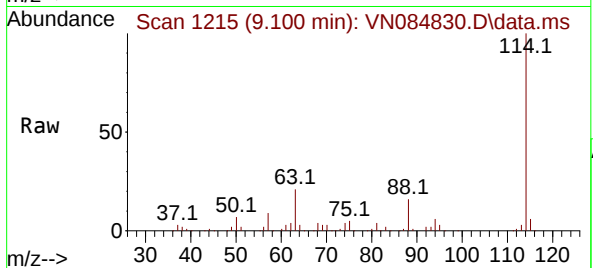




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084830.D
Acq: 13 Nov 2024 16:47

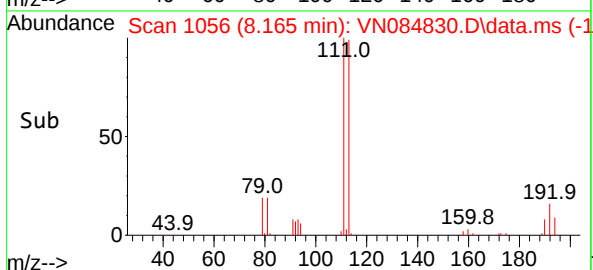
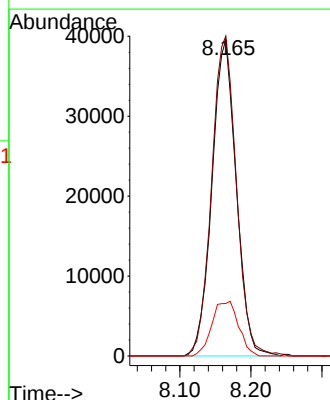
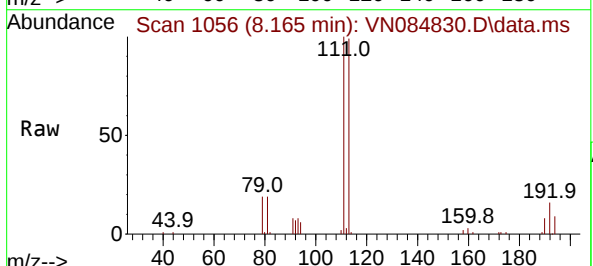
Instrument :
MSVOA_N
ClientSampleId :

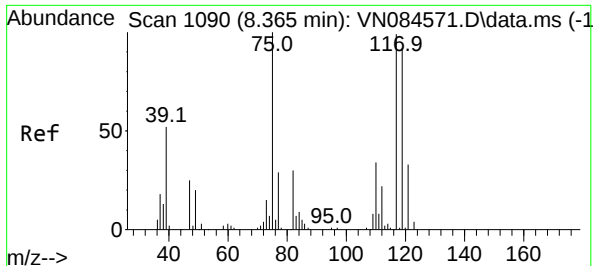
Tgt Ion:114 Resp: 285235
Ion Ratio Lower Upper
114 100
63 20.6 0.0 43.8
88 16.1 0.0 31.6



#35
Dibromofluoromethane
Concen: 48.566 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN084830.D
Acq: 13 Nov 2024 16:47

Tgt Ion:113 Resp: 93767
Ion Ratio Lower Upper
113 100
111 102.9 83.3 124.9
192 18.9 13.5 20.3





#36

1,1-Dichloropropene

Concen: 5.205 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN084830.D

Acq: 13 Nov 2024 16:47

Instrument :

MSVOA_N

ClientSampleId :

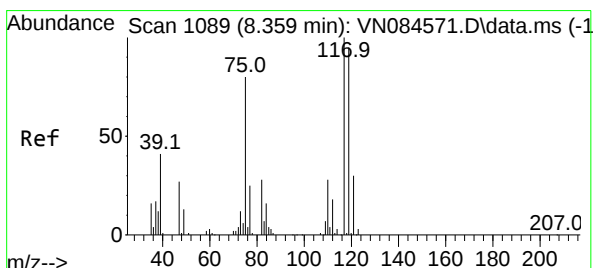
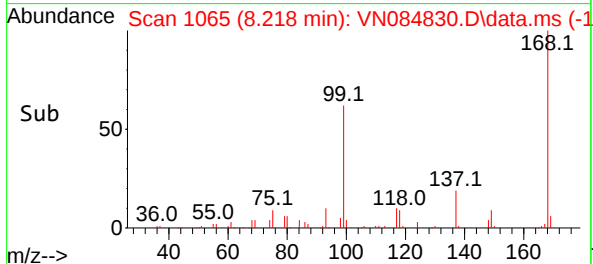
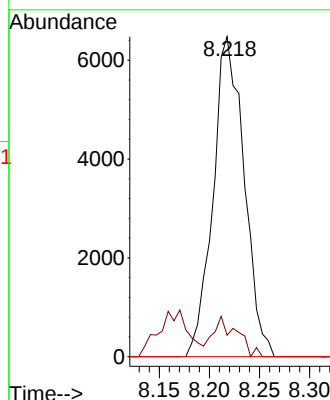
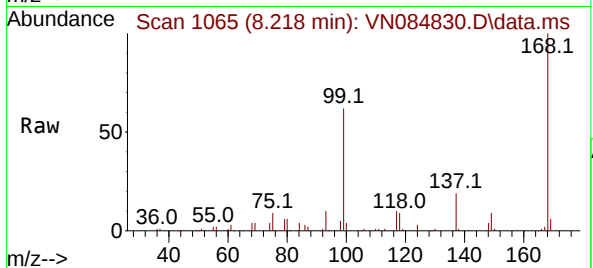
Tgt Ion: 75 Resp: 13937

Ion Ratio Lower Upper

75 100

110 9.7 16.9 50.7#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.805 ug/l

RT: 8.223 min Scan# 1066

Delta R.T. -0.136 min

Lab File: VN084830.D

Acq: 13 Nov 2024 16:47

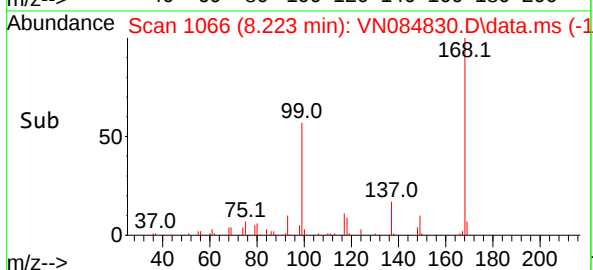
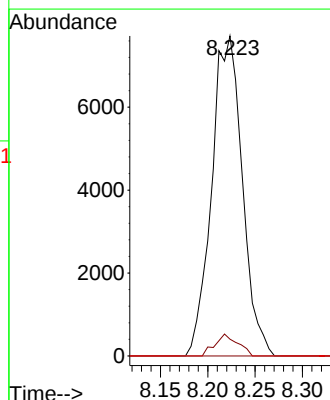
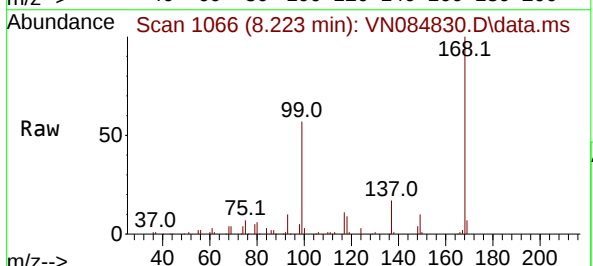
Tgt Ion: 117 Resp: 17375

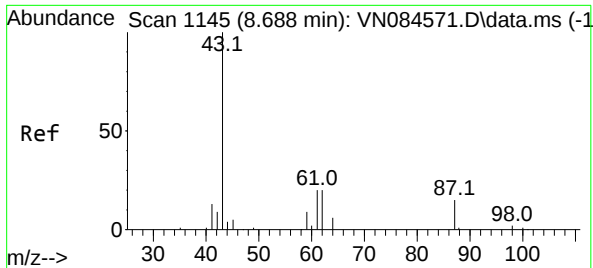
Ion Ratio Lower Upper

117 100

119 5.3 78.7 118.1#

121 0.0 24.4 36.6#

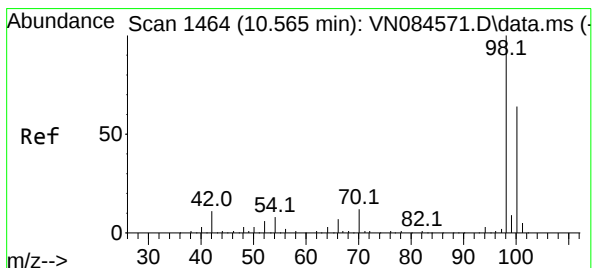
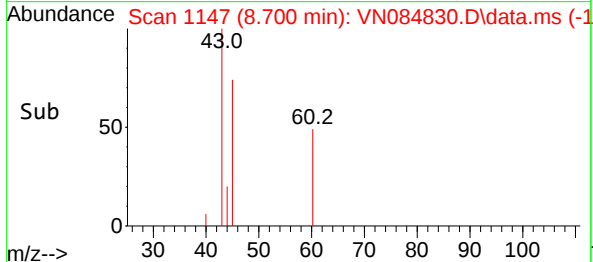
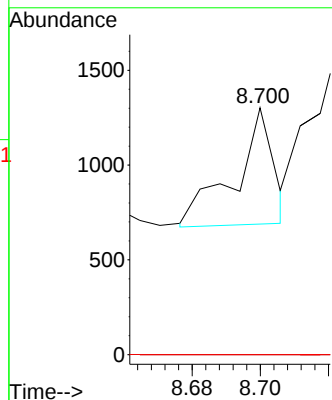
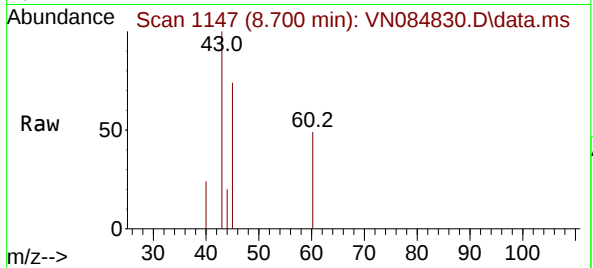




#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.700 min Scan# 1145
Delta R.T. 0.012 min
Lab File: VN084830.D
Acq: 13 Nov 2024 16:47

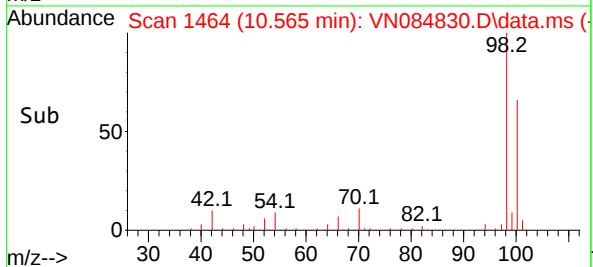
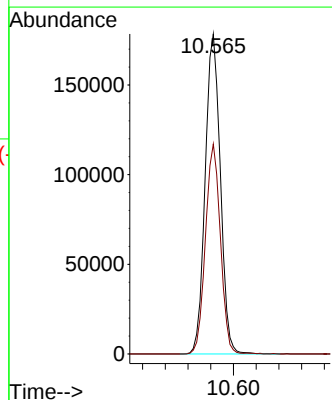
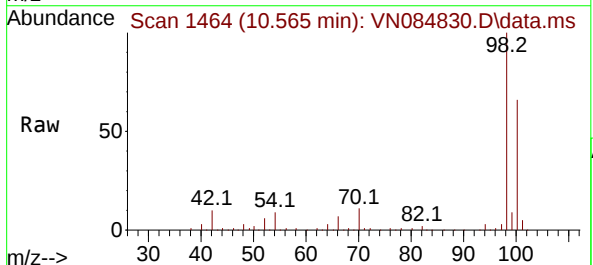
Instrument :
MSVOA_N
ClientSampleId :

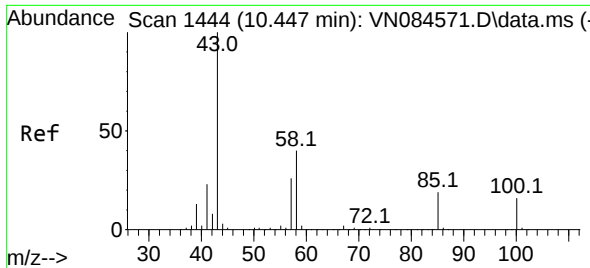
Tgt Ion: 43 Resp: 490
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.3 15.5#



#50
Toluene-d8
Concen: 46.430 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084830.D
Acq: 13 Nov 2024 16:47

Tgt Ion: 98 Resp: 330214
Ion Ratio Lower Upper
98 100
100 64.6 52.7 79.1

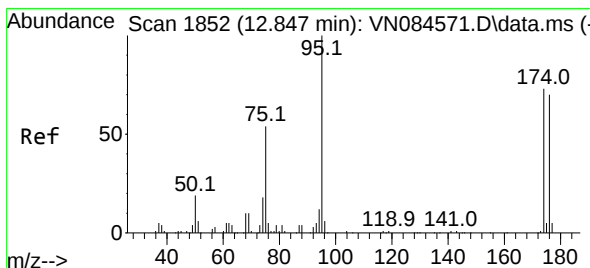
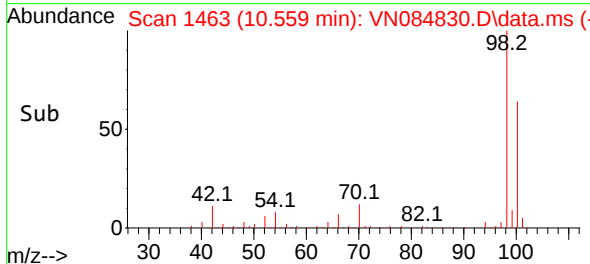
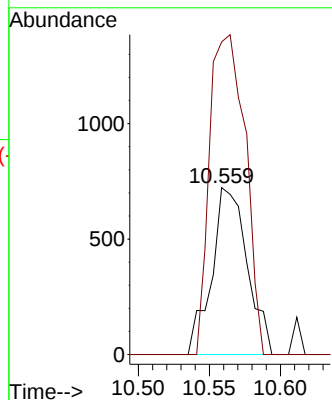
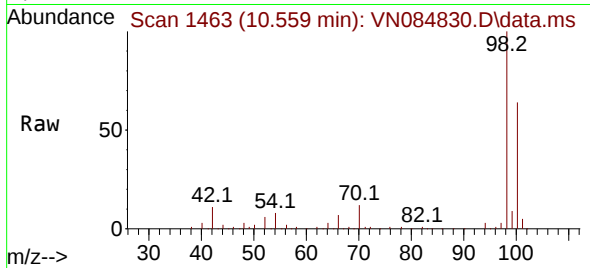




#51
4-Methyl-2-Pentanone
Concen: 0.544 ug/l
RT: 10.559 min Scan# 1444
Delta R.T. 0.117 min
Lab File: VN084830.D
Acq: 13 Nov 2024 16:47

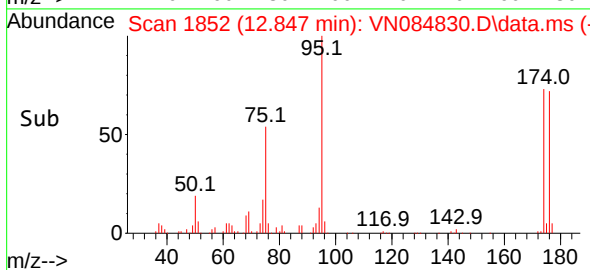
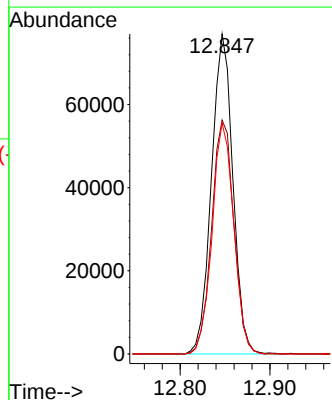
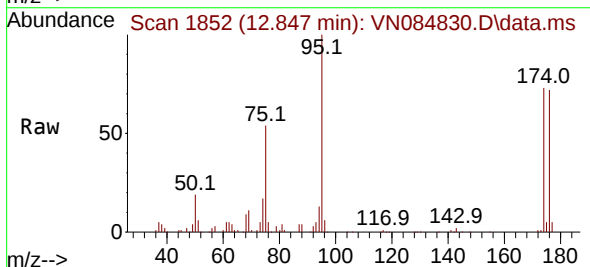
Instrument :
MSVOA_N
ClientSampleId :

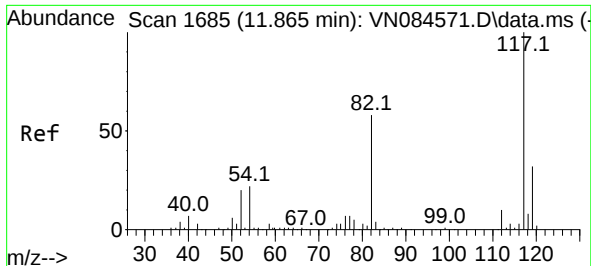
Tgt Ion: 43 Resp: 1260
Ion Ratio Lower Upper
43 100
58 191.7 31.6 47.4#



#62
4-Bromofluorobenzene
Concen: 47.865 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084830.D
Acq: 13 Nov 2024 16:47

Tgt Ion: 95 Resp: 127227
Ion Ratio Lower Upper
95 100
174 76.1 0.0 145.2
176 73.1 0.0 140.0

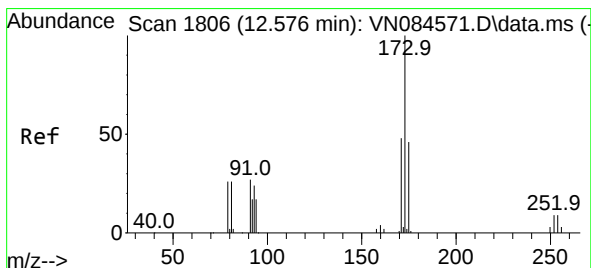
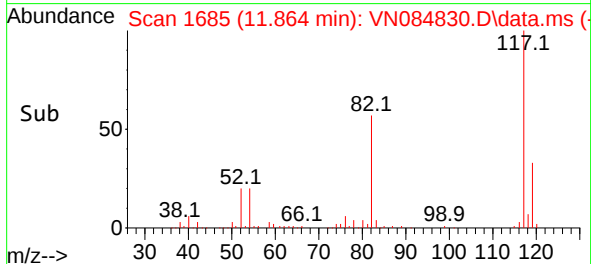
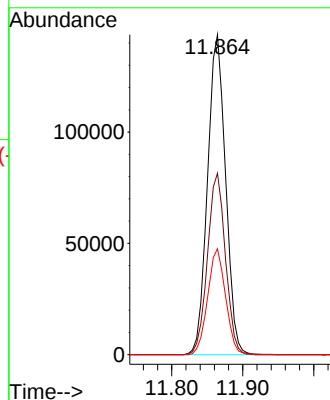
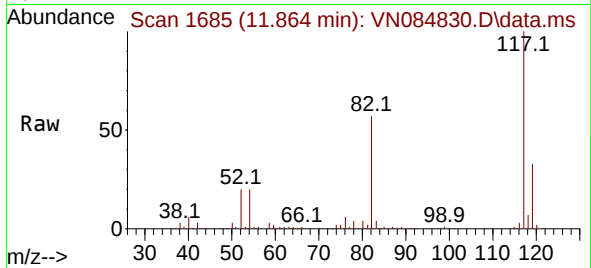




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 117
Delta R.T. -0.001 min
Lab File: VN084830.D
Acq: 13 Nov 2024 16:47

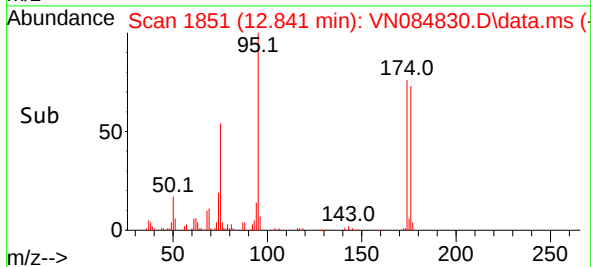
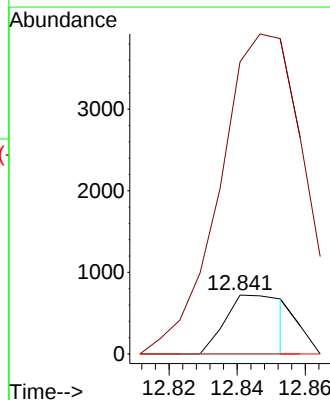
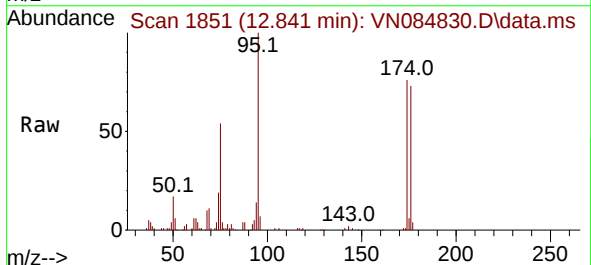
Instrument :
MSVOA_N
ClientSampleId :

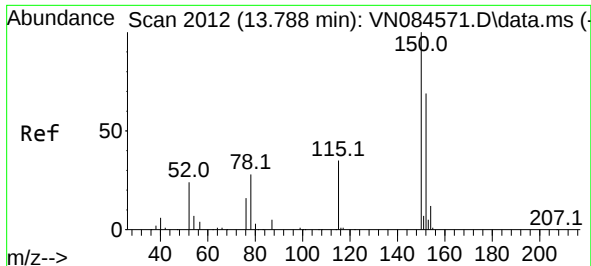
Tgt Ion:117 Resp: 254102
Ion Ratio Lower Upper
117 100
82 56.7 47.2 70.8
119 33.1 25.4 38.0



#71
Bromoform
Concen: 0.573 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.264 min
Lab File: VN084830.D
Acq: 13 Nov 2024 16:47

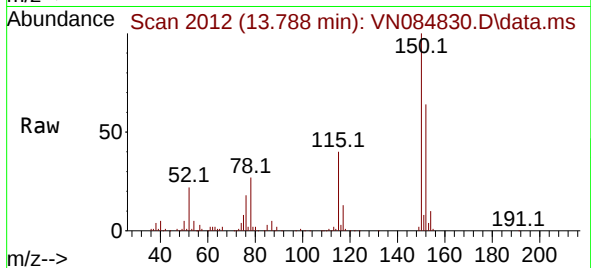
Tgt Ion:173 Resp: 852
Ion Ratio Lower Upper
173 100
175 620.5 23.5 70.6#
254 0.0 0.0 0.0



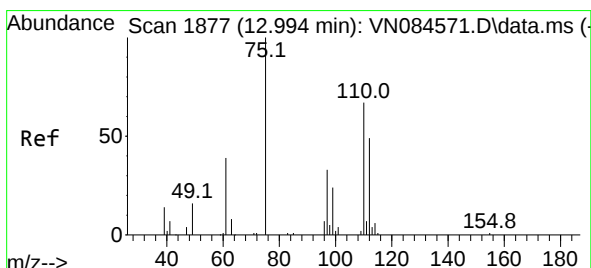
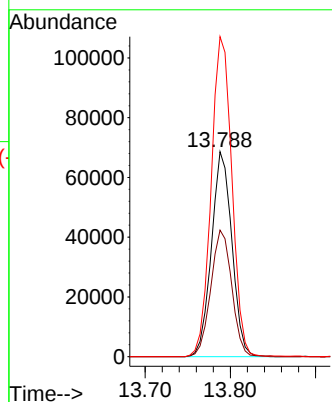
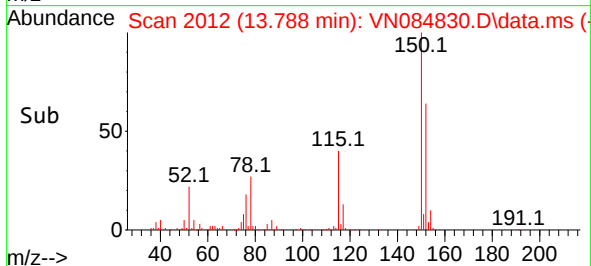


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN084830.D
 Acq: 13 Nov 2024 16:47

Instrument :
 MSVOA_N
 ClientSampleId :

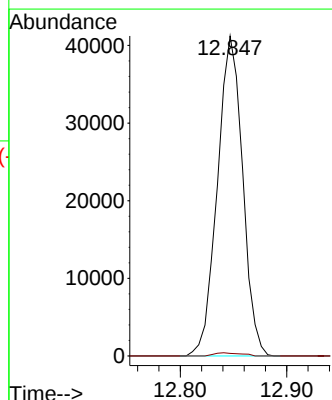
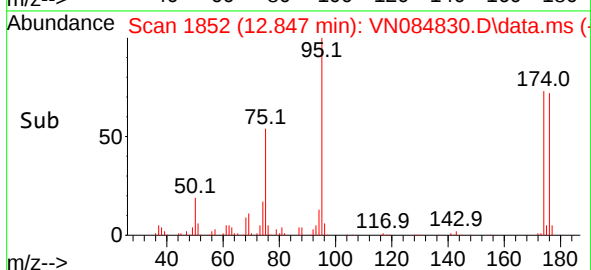
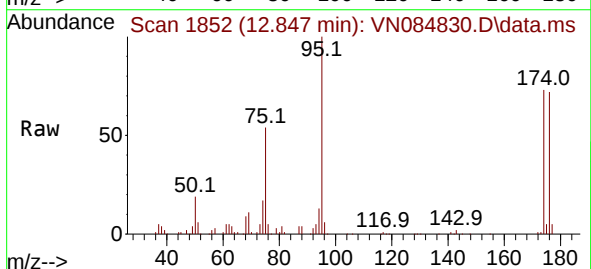


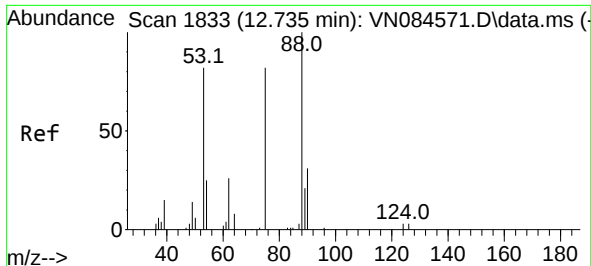
Tgt Ion:152 Resp: 114393
 Ion Ratio Lower Upper
 152 100
 115 63.2 31.3 93.9
 150 157.9 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 29.626 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN084830.D
 Acq: 13 Nov 2024 16:47

Tgt Ion: 75 Resp: 67745
 Ion Ratio Lower Upper
 75 100
 77 1.1 96.9 290.7#

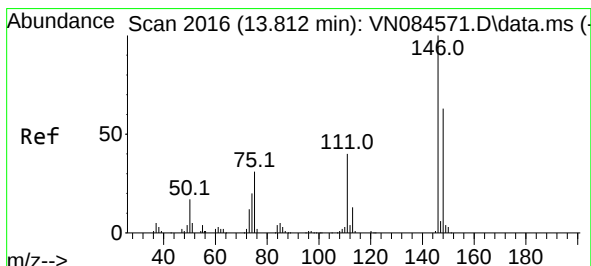
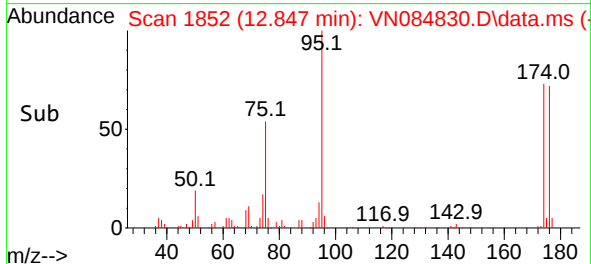
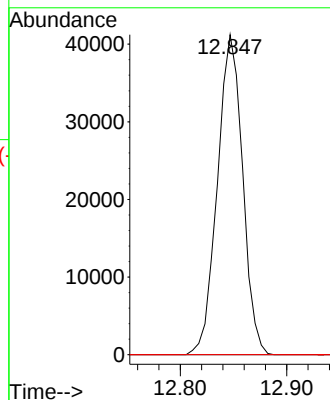
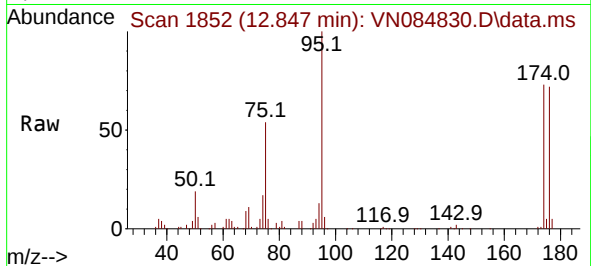




#81
trans-1,4-Dichloro-2-butene
Concen: 70.285 ug/l
RT: 12.847 min Scan# 1833
Delta R.T. 0.112 min
Lab File: VN084830.D
Acq: 13 Nov 2024 16:47

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 67745
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: 13.805 min Scan# 2015
Delta R.T. -0.007 min
Lab File: VN084830.D
Acq: 13 Nov 2024 16:47

Tgt Ion:146 Resp: 224
Ion Ratio Lower Upper
146 100
111 0.0 21.2 63.6#
148 56.3 31.9 95.9

