

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111424\
 Data File : VN084852.D
 Acq On : 14 Nov 2024 15:23
 Operator : JC\MD
 Sample : P4819-01 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 15 00:48:26 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)

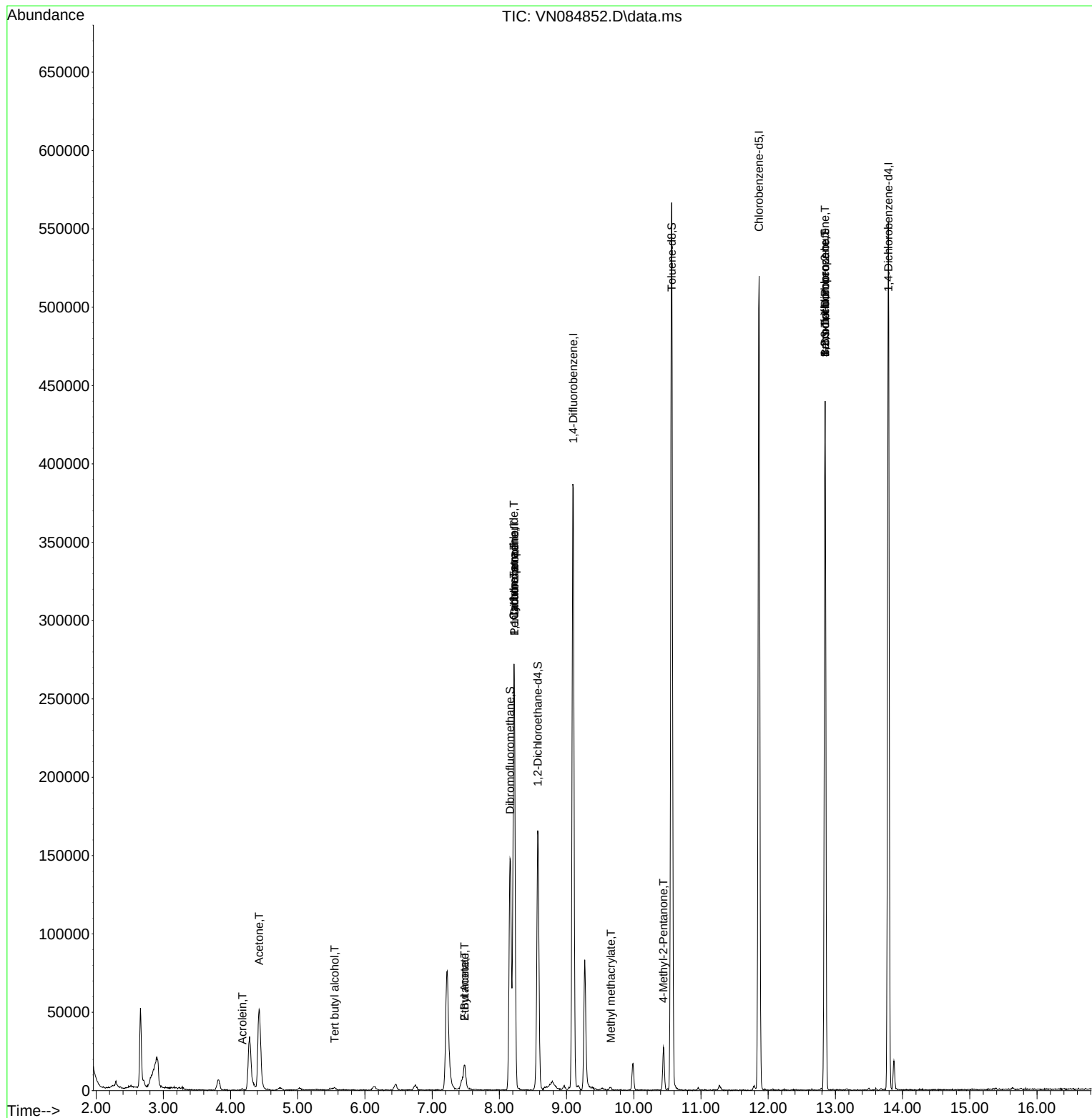
Internal Standards						
1) Pentafluorobenzene	8.224	168	199541	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	341153	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	302863	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	148640	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	136920	47.508	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.020%		
35) Dibromofluoromethane	8.159	113	109594	47.460	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.920%		
50) Toluene-d8	10.565	98	400791	47.117	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.240%		
62) 4-Bromofluorobenzene	12.847	95	157057	49.403	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	98.800%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	401	Below Cal	#	41
6) Chloroethane	3.106	64	135	Below Cal	#	45
11) Tert butyl alcohol	5.547	59	2928	7.697	ug/l #	73
13) Acrolein	4.177	56	902	2.378	ug/l	89
16) Acetone	4.424	43	93151	110.297	ug/l	98
18) Methyl Acetate	5.024	43	3016	Below Cal	#	71
25) 2-Butanone	7.482	43	26890	19.999	ug/l #	87
31) Cyclohexane	8.218	56	4478	1.125	ug/l #	20
36) 1,1-Dichloropropene	8.224	75	16127	5.036	ug/l #	49
37) Ethyl Acetate	7.482	43	26890	9.254	ug/l #	69
38) Carbon Tetrachloride	8.218	117	21080	5.889	ug/l #	16
43) Isopropyl Acetate	8.671	43	743	Below Cal	#	56
48) Methyl methacrylate	9.659	41	854	0.378	ug/l #	17
51) 4-Methyl-2-Pentanone	10.441	43	18610	6.718	ug/l	100
71) Bromoform	12.847	173	730	0.412	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	81792	27.528	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	81792	65.307	ug/l #	11
88) 1,4-Dichlorobenzene	13.811	146	530	Below Cal	#	6

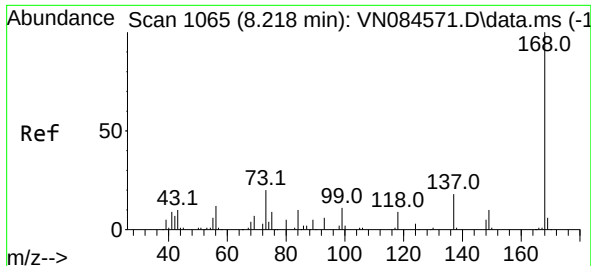
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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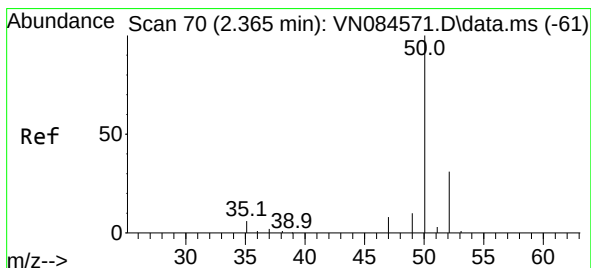
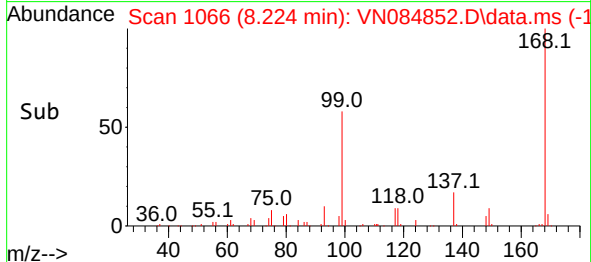
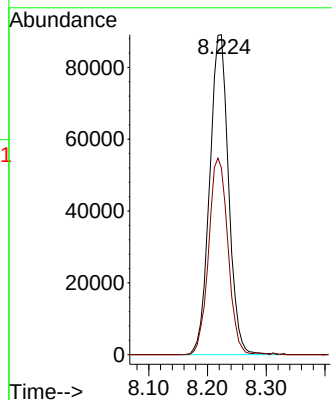
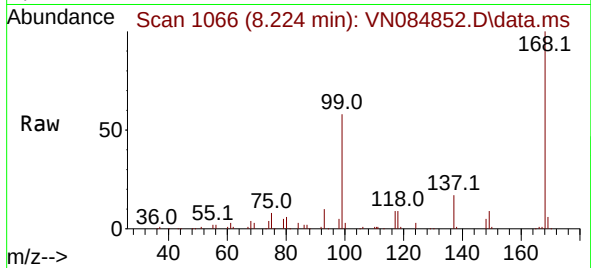




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN084852.D
Acq: 14 Nov 2024 15:23

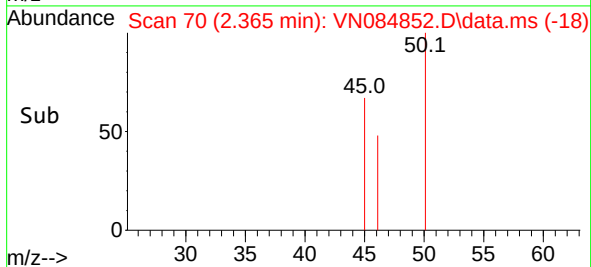
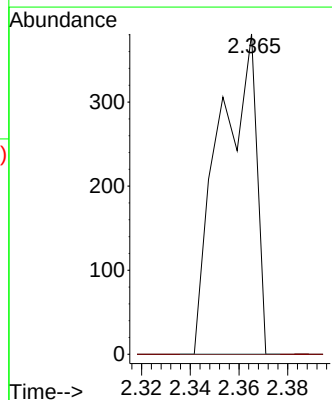
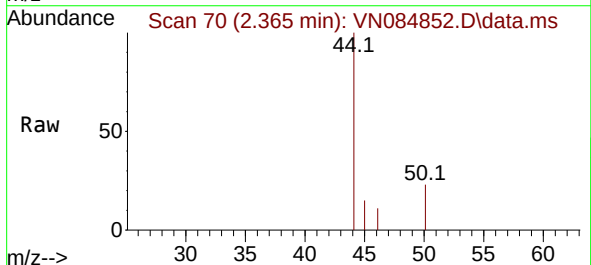
Instrument :
MSVOA_N
ClientSampleId :

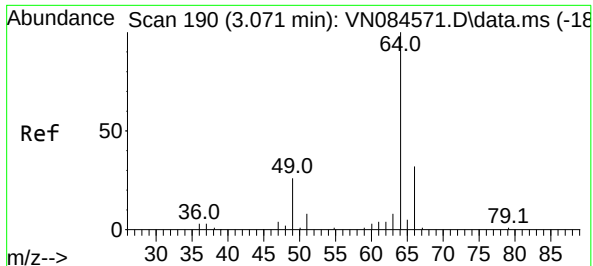
Tgt Ion:168 Resp: 199541
Ion Ratio Lower Upper
168 100
99 58.4 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084852.D
Acq: 14 Nov 2024 15:23

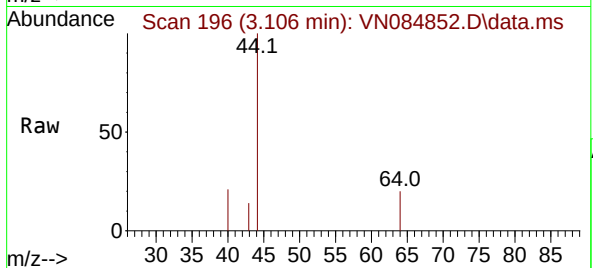
Tgt Ion: 50 Resp: 401
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#



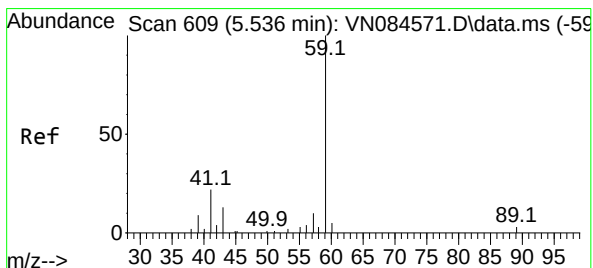
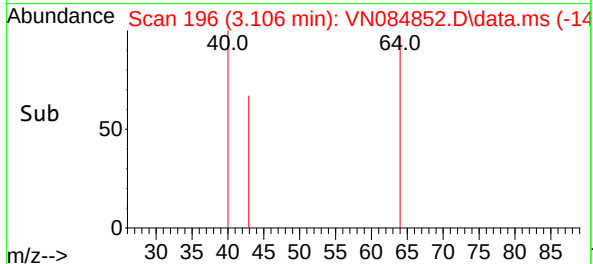
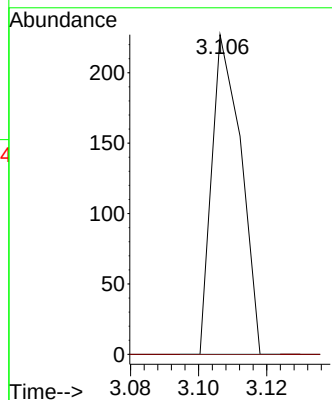


#6
Chloroethane
Concen: Below Cal
RT: 3.106 min Scan# 190
Delta R.T. -0.012 min
Lab File: VN084852.D
Acq: 14 Nov 2024 15:23

Instrument :
MSVOA_N
ClientSampleId :

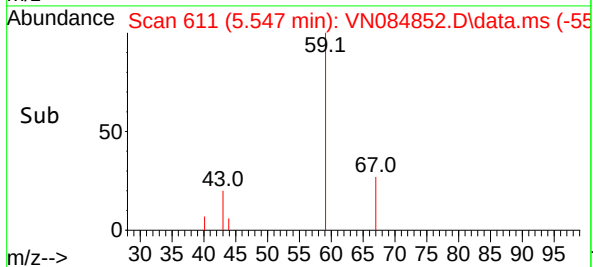
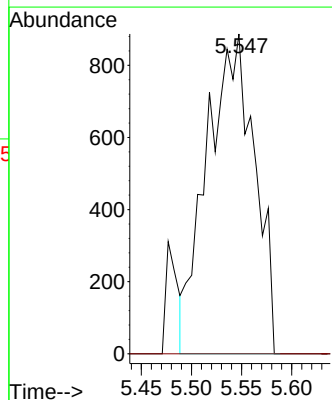
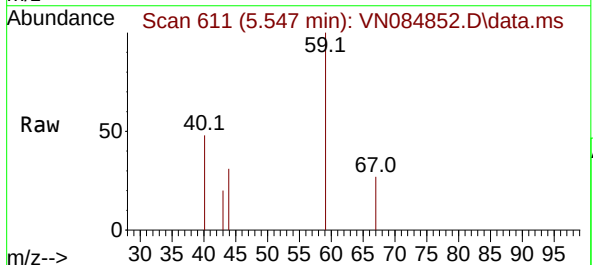


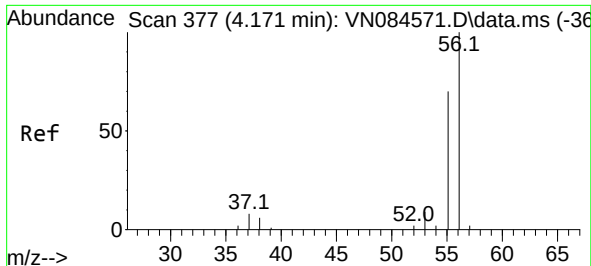
Tgt Ion: 64 Resp: 135
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



#11
Tert butyl alcohol
Concen: 7.697 ug/l
RT: 5.547 min Scan# 611
Delta R.T. 0.023 min
Lab File: VN084852.D
Acq: 14 Nov 2024 15:23

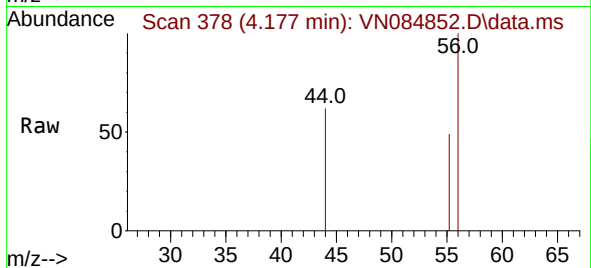
Tgt Ion: 59 Resp: 2928
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



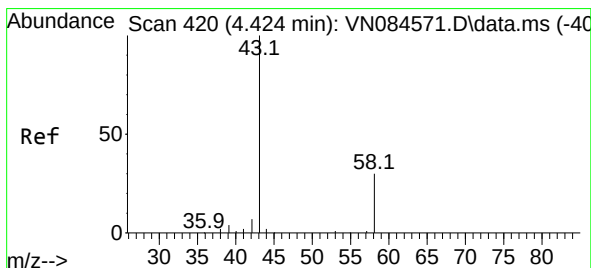
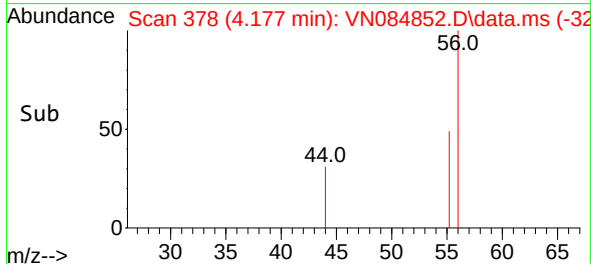
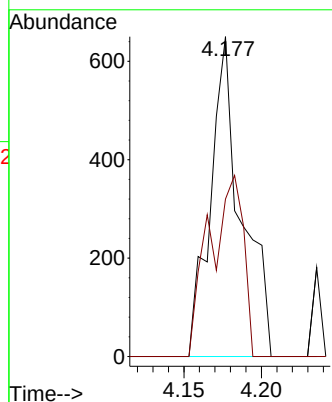


#13
Acrolein
Concen: 2.378 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN084852.D
Acq: 14 Nov 2024 15:23

Instrument :
MSVOA_N
ClientSampleId :

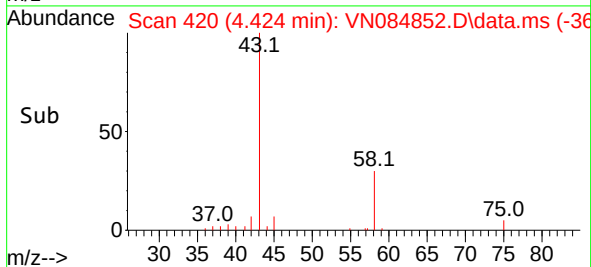
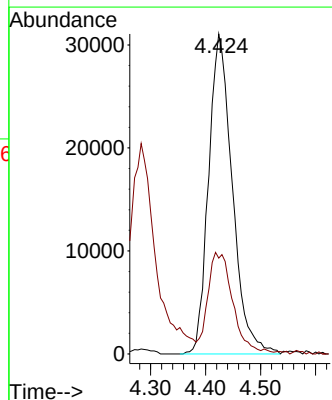
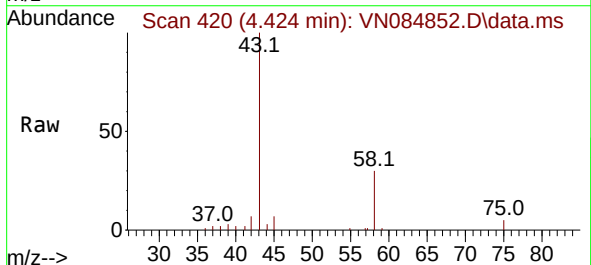


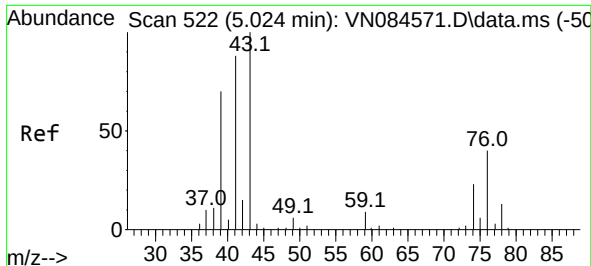
Tgt Ion: 56 Resp: 902
Ion Ratio Lower Upper
56 100
55 62.1 57.2 85.8



#16
Acetone
Concen: 110.297 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN084852.D
Acq: 14 Nov 2024 15:23

Tgt Ion: 43 Resp: 93151
Ion Ratio Lower Upper
43 100
58 29.2 24.4 36.6

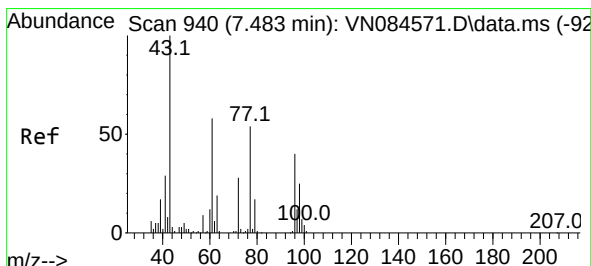
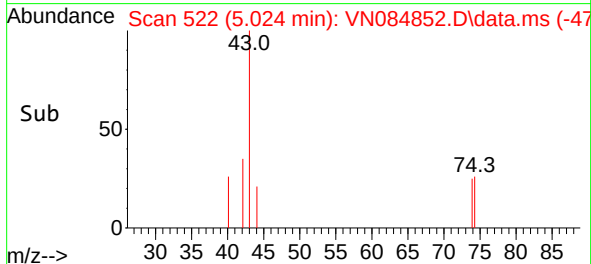
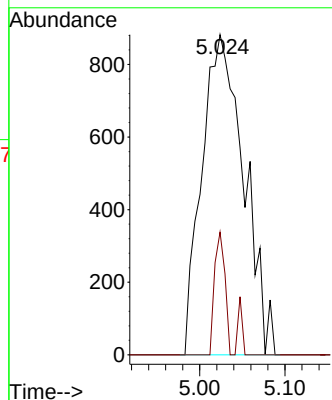
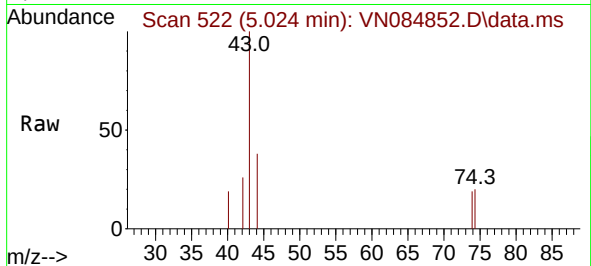




#18
Methyl Acetate
Concen: Below Cal
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN084852.D
Acq: 14 Nov 2024 15:23

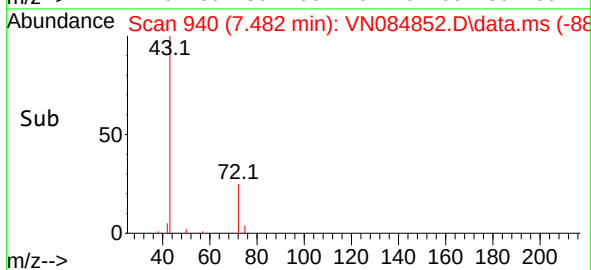
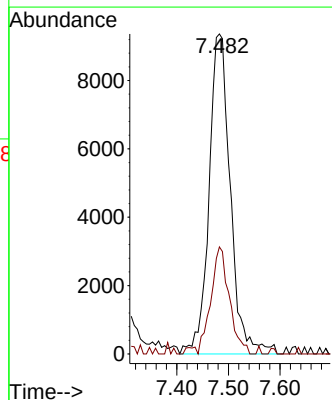
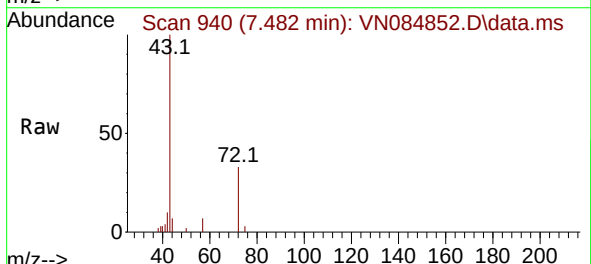
Instrument :
MSVOA_N
ClientSampleId :

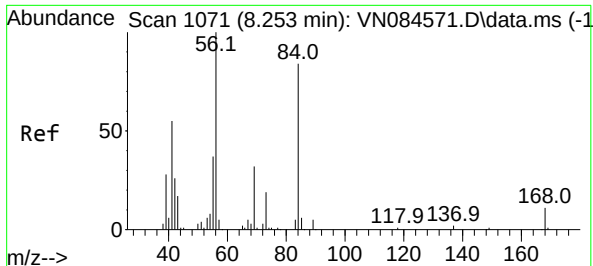
Tgt Ion: 43 Resp: 3016
Ion Ratio Lower Upper
43 100
74 9.5 19.2 28.8#



#25
2-Butanone
Concen: 19.999 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN084852.D
Acq: 14 Nov 2024 15:23

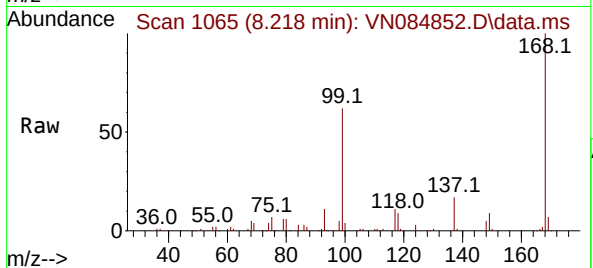
Tgt Ion: 43 Resp: 26890
Ion Ratio Lower Upper
43 100
72 33.5 21.4 32.2#



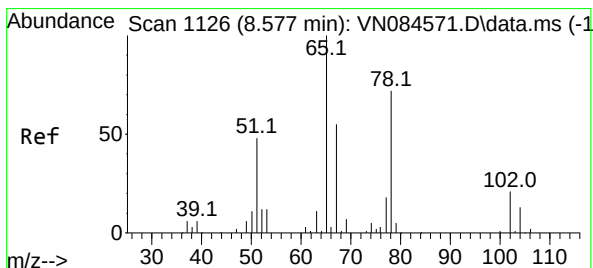
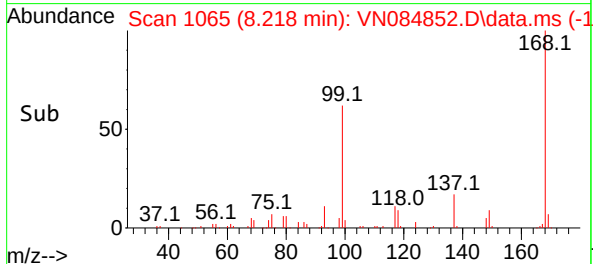
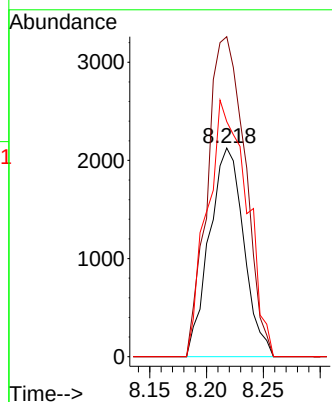


#31
Cyclohexane
Concen: 1.125 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN084852.D
Acq: 14 Nov 2024 15:23

Instrument :
MSVOA_N
ClientSampleId :

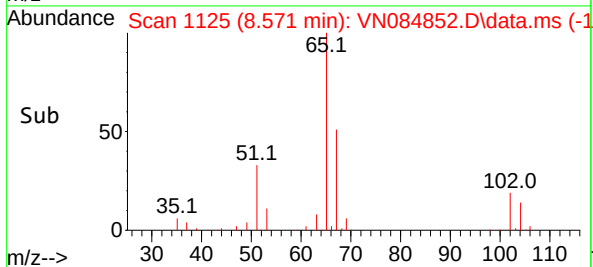
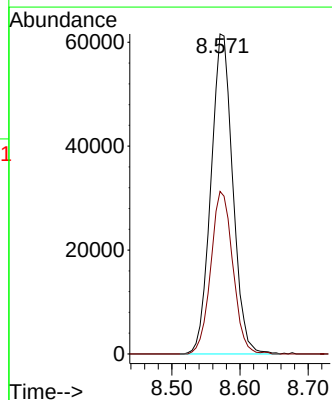
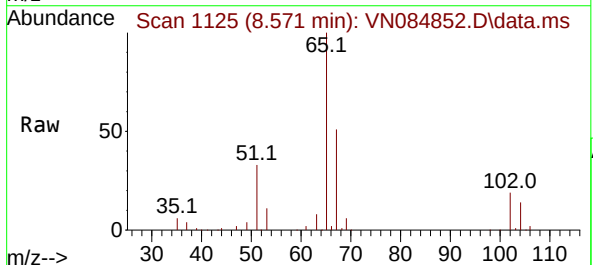


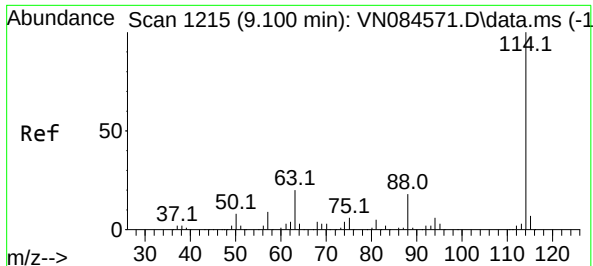
Tgt Ion: 56 Resp: 4478
Ion Ratio Lower Upper
56 100
69 153.4 23.8 35.6#
84 112.7 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 47.508 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN084852.D
Acq: 14 Nov 2024 15:23

Tgt Ion: 65 Resp: 136920
Ion Ratio Lower Upper
65 100
67 51.5 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: VN084852.D

Acq: 14 Nov 2024 15:23

Instrument :

MSVOA_N

ClientSampleId :

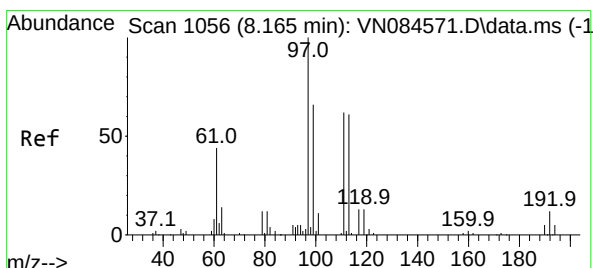
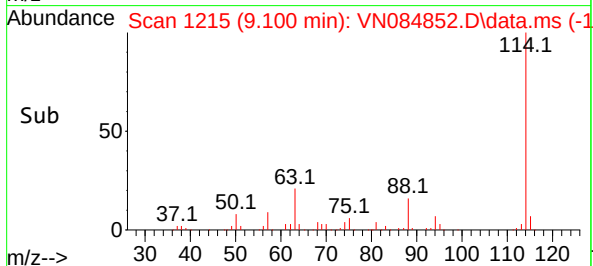
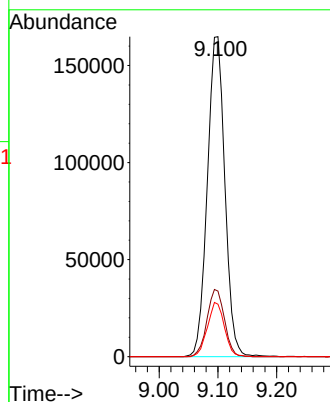
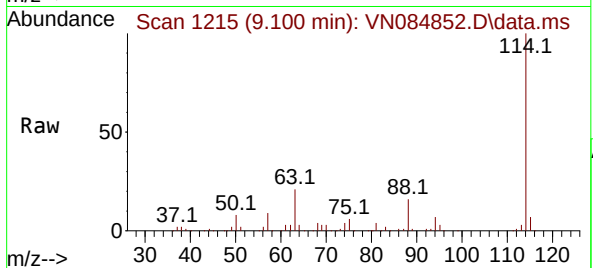
Tgt Ion:114 Resp: 341153

Ion Ratio Lower Upper

114 100

63 20.5 0.0 43.8

88 16.4 0.0 31.6



#35

Dibromofluoromethane

Concen: 47.460 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN084852.D

Acq: 14 Nov 2024 15:23

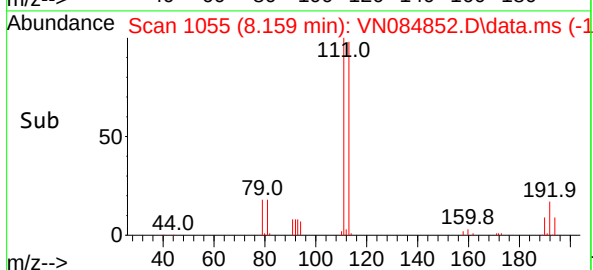
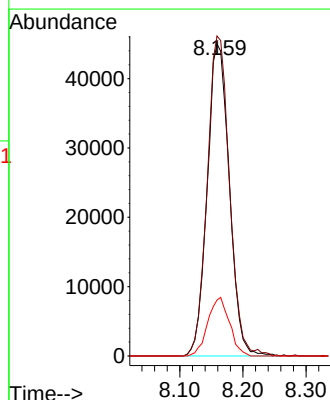
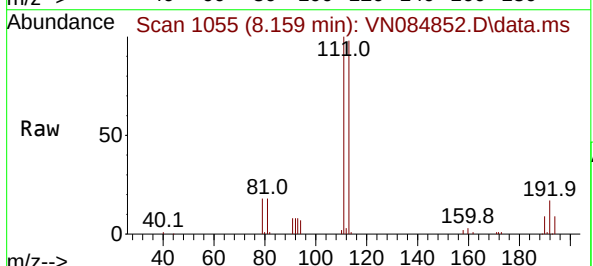
Tgt Ion:113 Resp: 109594

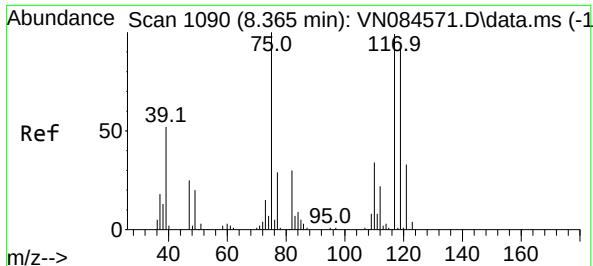
Ion Ratio Lower Upper

113 100

111 103.0 83.3 124.9

192 18.3 13.5 20.3





#36

1,1-Dichloropropene

Concen: 5.036 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084852.D

Acq: 14 Nov 2024 15:23

Instrument :

MSVOA_N

ClientSampleId :

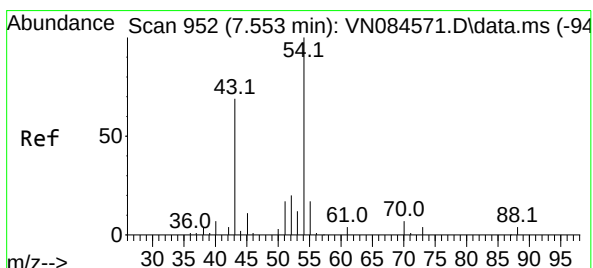
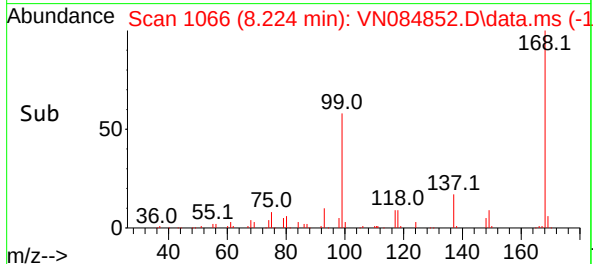
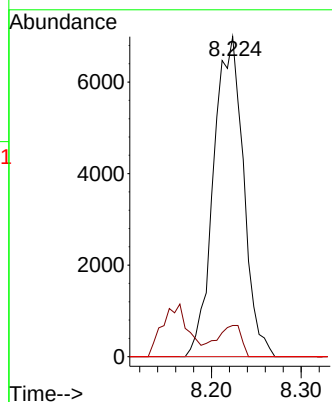
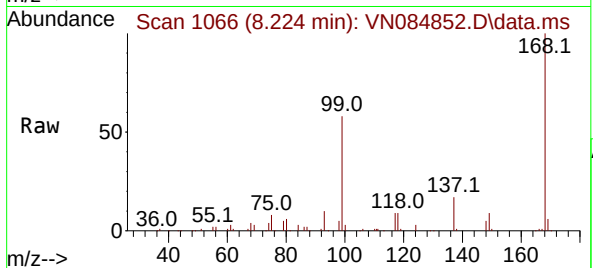
Tgt Ion: 75 Resp: 16127

Ion Ratio Lower Upper

75 100

110 7.7 16.9 50.7#

77 0.0 24.7 37.1#



#37

Ethyl Acetate

Concen: 9.254 ug/l

RT: 7.482 min Scan# 940

Delta R.T. -0.077 min

Lab File: VN084852.D

Acq: 14 Nov 2024 15:23

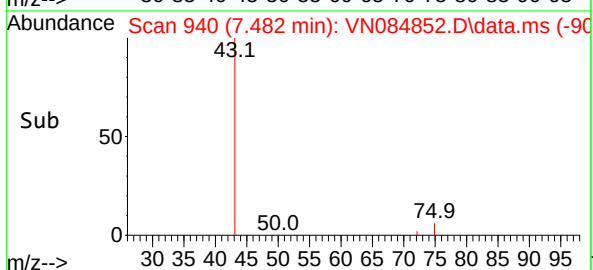
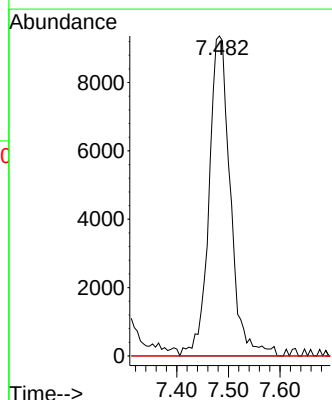
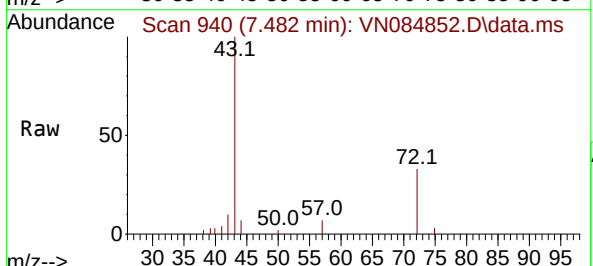
Tgt Ion: 43 Resp: 26890

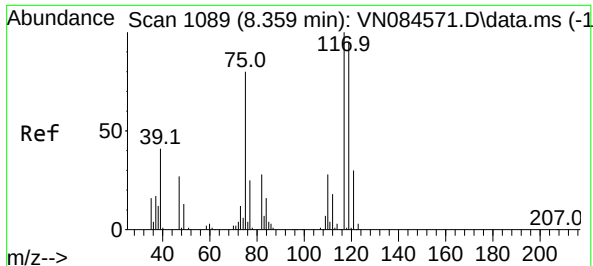
Ion Ratio Lower Upper

43 100

61 0.0 10.7 16.1#

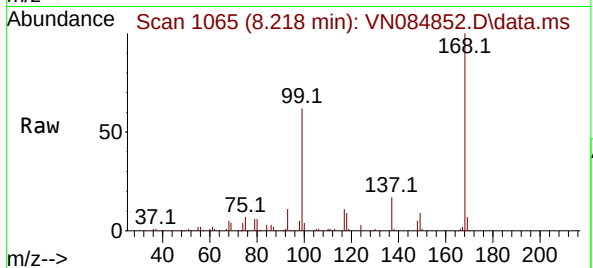
70 0.0 8.8 13.2#



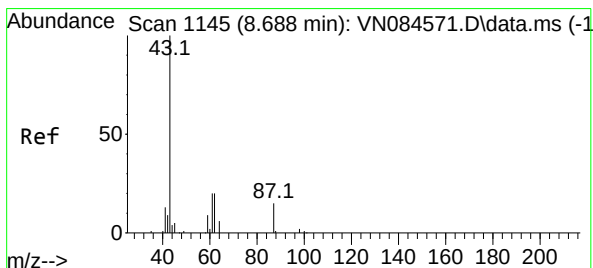
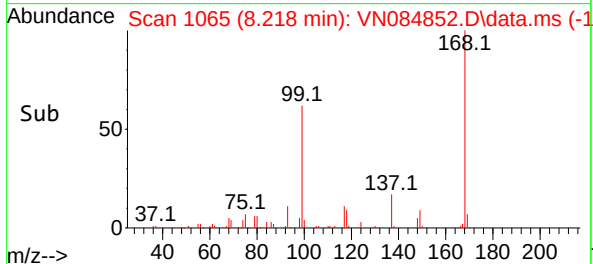
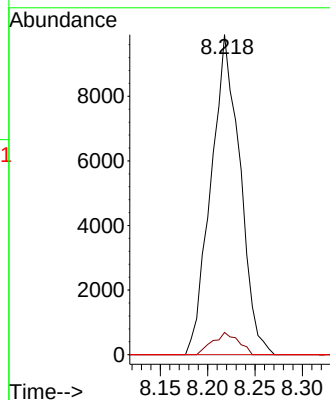


#38
Carbon Tetrachloride
Concen: 5.889 ug/l
RT: 8.218 min Scan# 110
Delta R.T. -0.141 min
Lab File: VN084852.D
Acq: 14 Nov 2024 15:23

Instrument :
MSVOA_N
ClientSampleId :

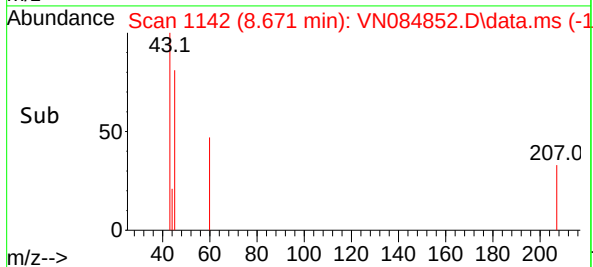
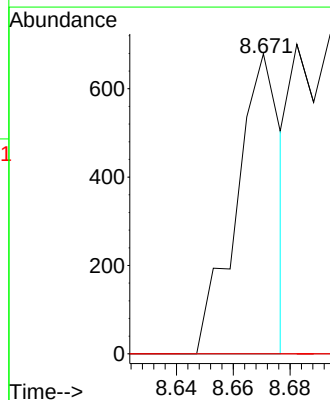
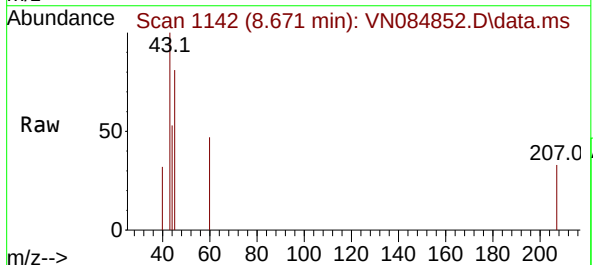


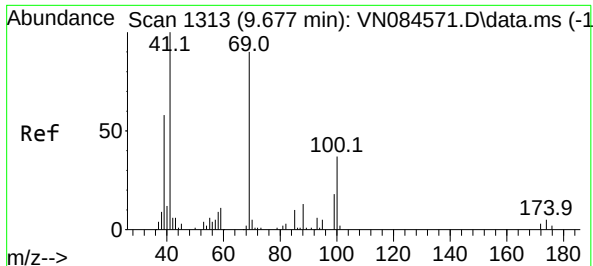
Tgt Ion:117 Resp: 21080
Ion Ratio Lower Upper
117 100
119 7.0 78.7 118.1#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.671 min Scan# 1142
Delta R.T. -0.017 min
Lab File: VN084852.D
Acq: 14 Nov 2024 15:23

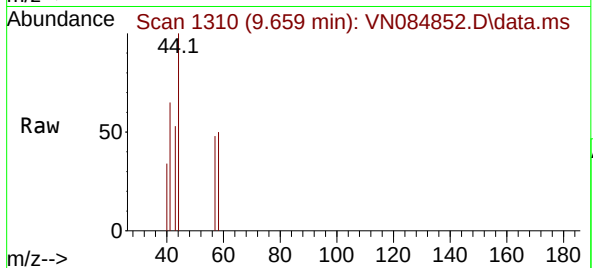
Tgt Ion: 43 Resp: 743
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.3 15.5#



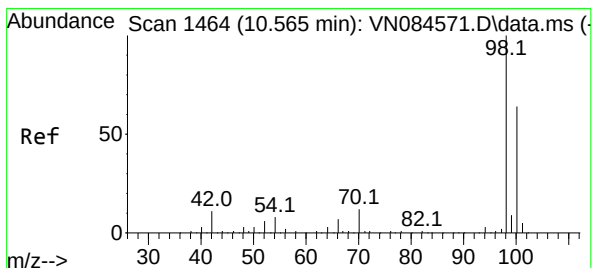
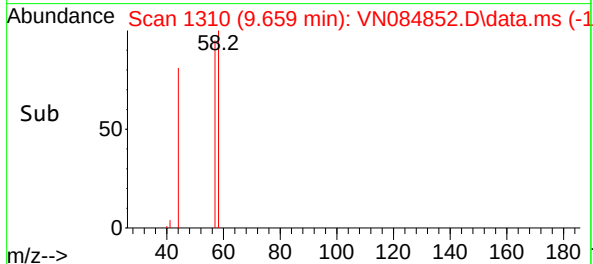
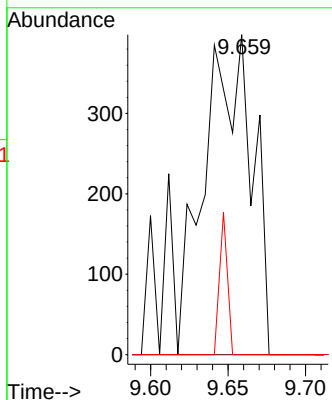


#48
Methyl methacrylate
Concen: 0.378 ug/l
RT: 9.659 min Scan# 1310
Delta R.T. -0.018 min
Lab File: VN084852.D
Acq: 14 Nov 2024 15:23

Instrument :
MSVOA_N
ClientSampleId :

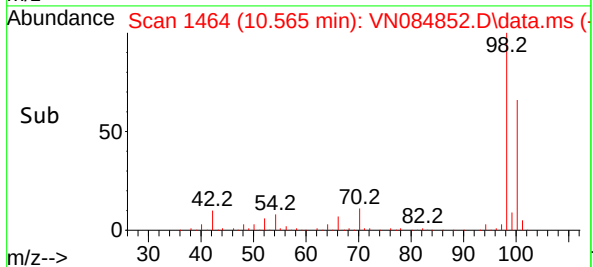
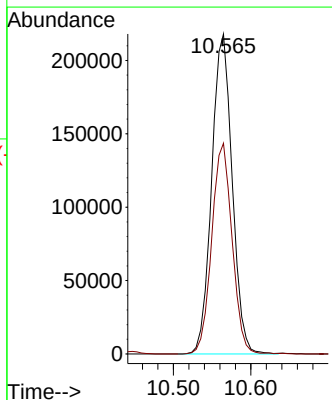
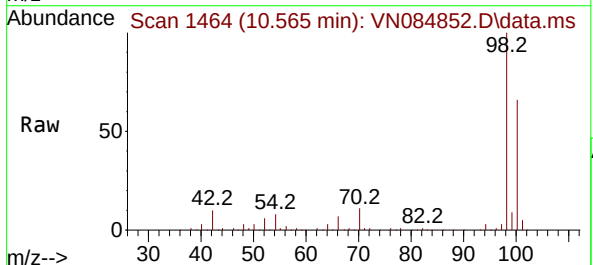


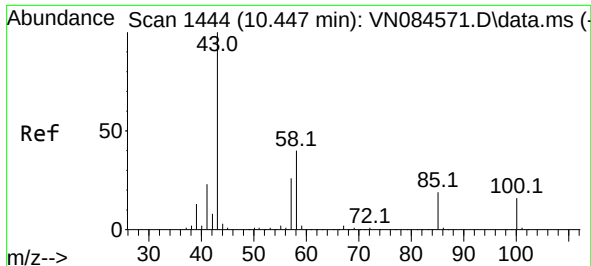
Tgt Ion: 41 Resp: 854
Ion Ratio Lower Upper
41 100
69 0.0 67.1 100.7#
39 7.3 45.8 68.6#



#50
Toluene-d8
Concen: 47.117 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084852.D
Acq: 14 Nov 2024 15:23

Tgt Ion: 98 Resp: 400791
Ion Ratio Lower Upper
98 100
100 65.4 52.7 79.1

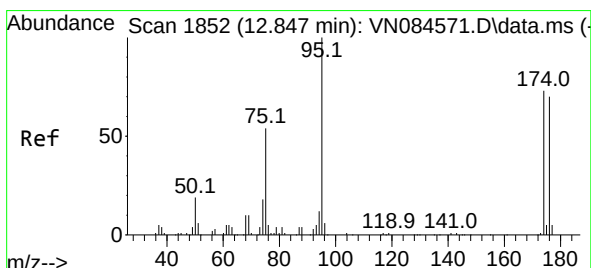
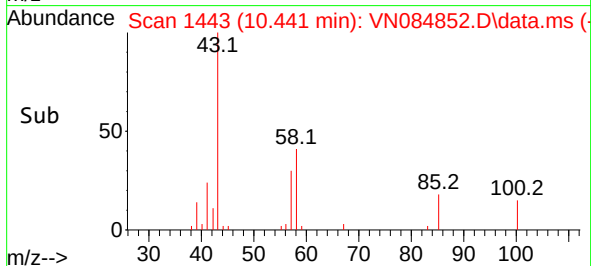
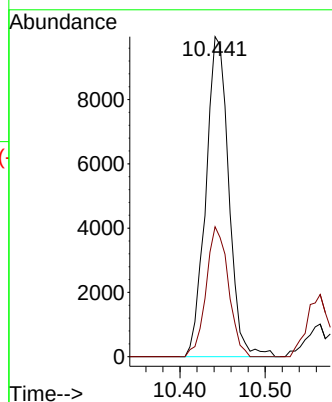
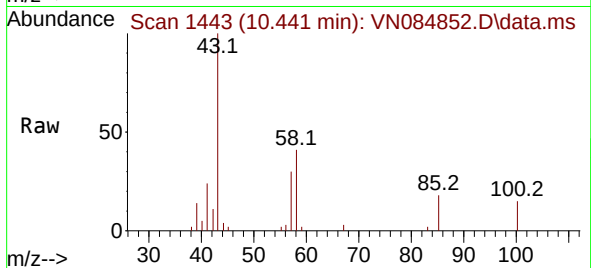




#51
4-Methyl-2-Pentanone
Concen: 6.718 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN084852.D
Acq: 14 Nov 2024 15:23

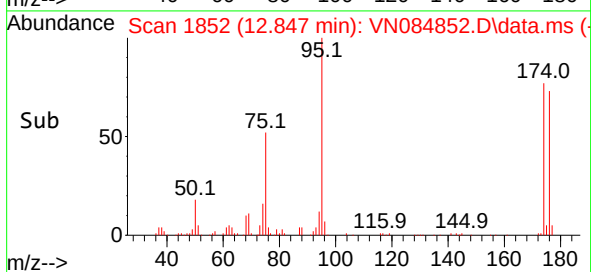
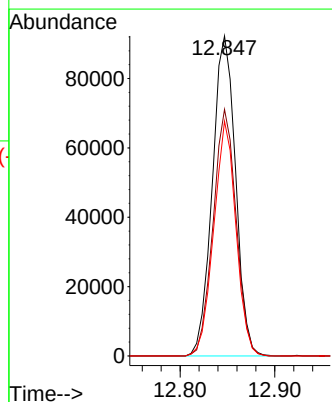
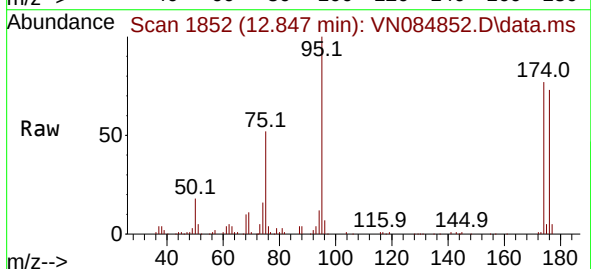
Instrument :
MSVOA_N
ClientSampleId :

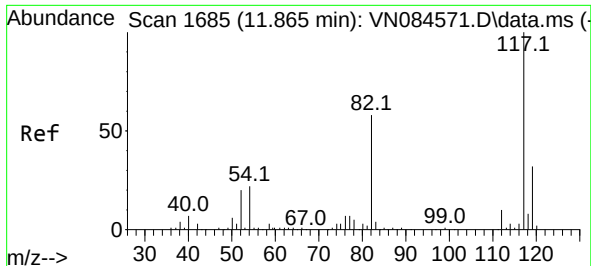
Tgt Ion: 43 Resp: 18610
Ion Ratio Lower Upper
43 100
58 39.4 31.6 47.4



#62
4-Bromofluorobenzene
Concen: 49.403 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084852.D
Acq: 14 Nov 2024 15:23

Tgt Ion: 95 Resp: 157057
Ion Ratio Lower Upper
95 100
174 76.3 0.0 145.2
176 70.2 0.0 140.0

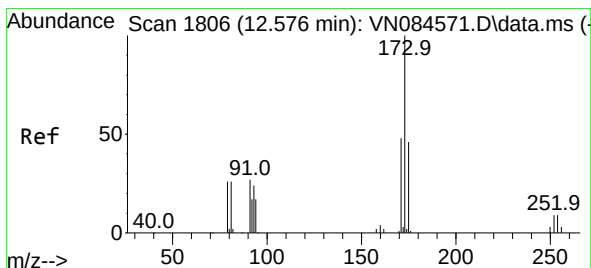
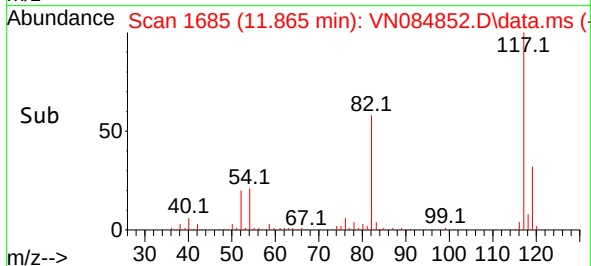
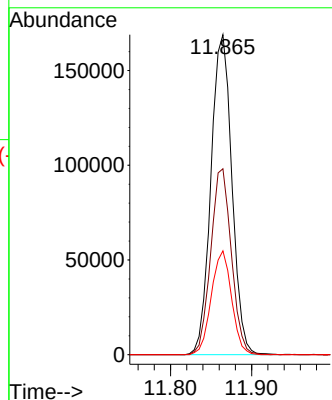
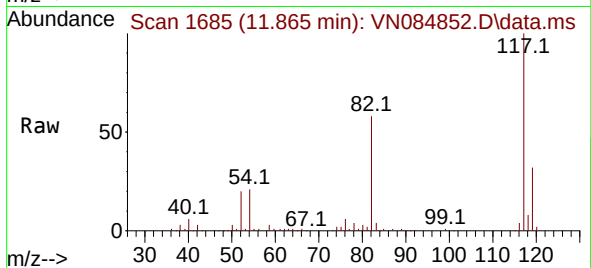




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084852.D
Acq: 14 Nov 2024 15:23

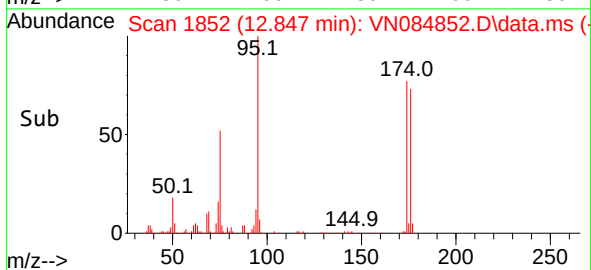
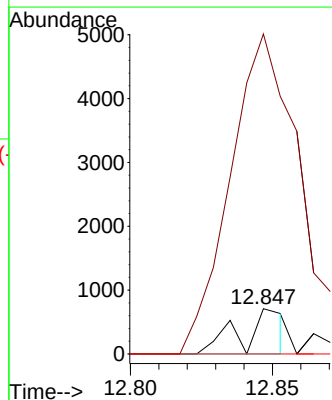
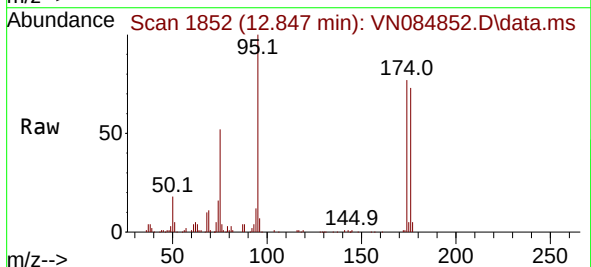
Instrument :
MSVOA_N
ClientSampleId :

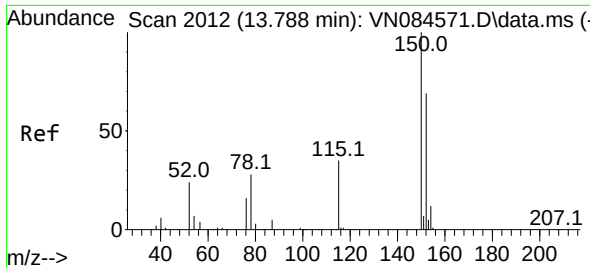
Tgt Ion:117 Resp: 302863
Ion Ratio Lower Upper
117 100
82 58.1 47.2 70.8
119 32.4 25.4 38.0



#71
Bromoform
Concen: 0.412 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.270 min
Lab File: VN084852.D
Acq: 14 Nov 2024 15:23

Tgt Ion:173 Resp: 730
Ion Ratio Lower Upper
173 100
175 870.5 23.5 70.6#
254 0.0 0.0 0.0

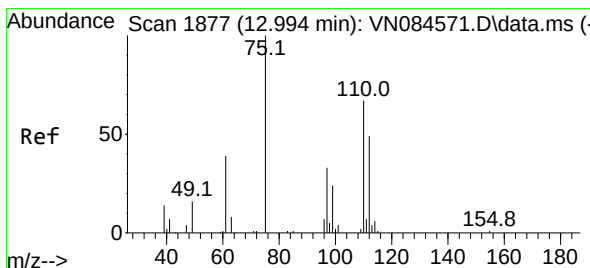
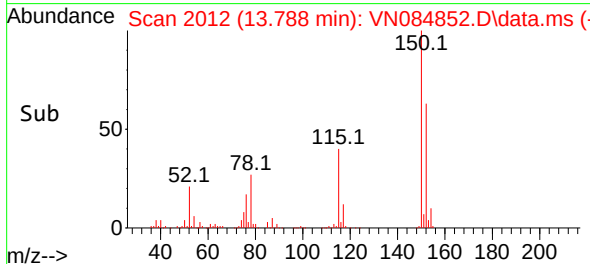
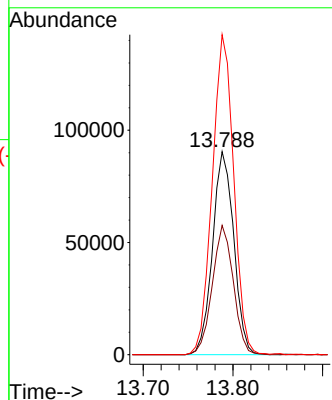
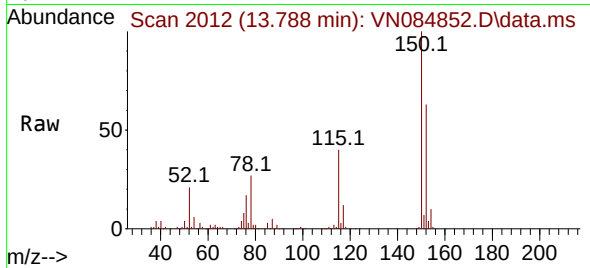




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN084852.D
 Acq: 14 Nov 2024 15:23

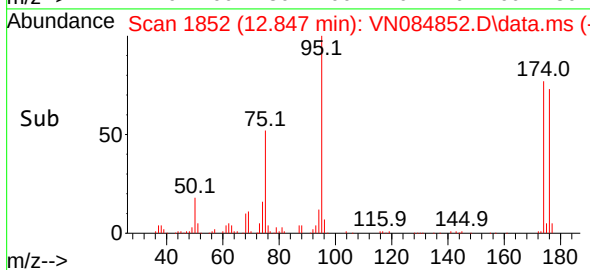
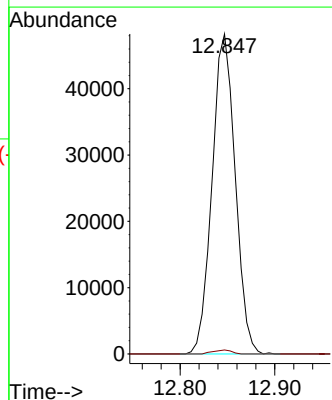
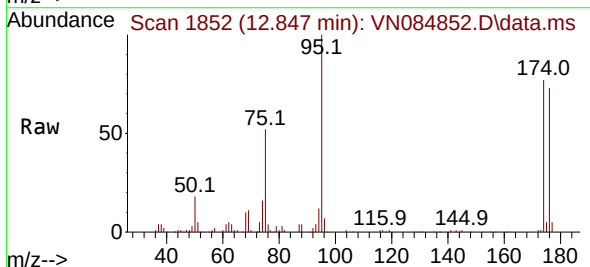
Instrument :
 MSVOA_N
 ClientSampleId :

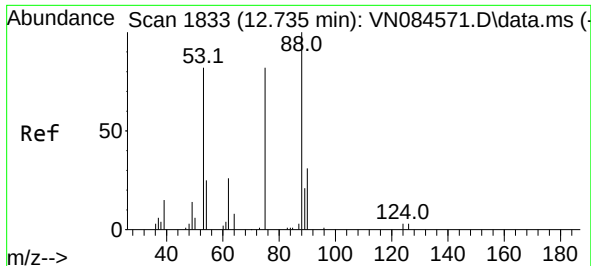
Tgt Ion:152 Resp: 148640
 Ion Ratio Lower Upper
 152 100
 115 63.1 31.3 93.9
 150 159.2 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 27.528 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN084852.D
 Acq: 14 Nov 2024 15:23

Tgt Ion: 75 Resp: 81792
 Ion Ratio Lower Upper
 75 100
 77 1.0 96.9 290.7#

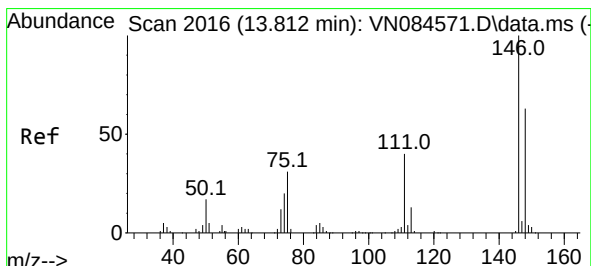
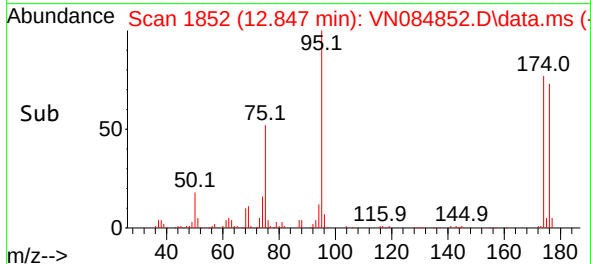
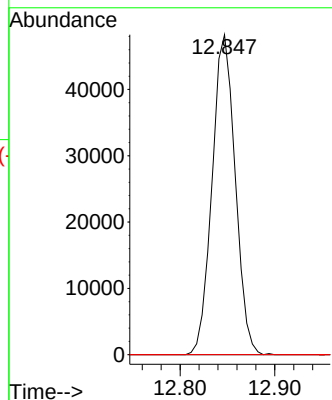
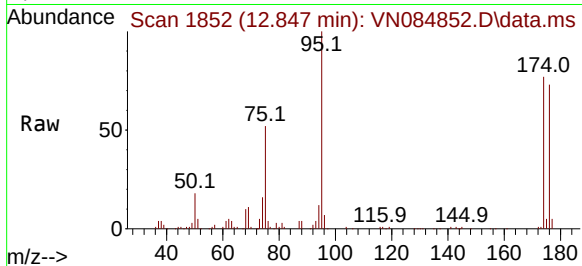




#81
trans-1,4-Dichloro-2-butene
Concen: 65.307 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084852.D
Acq: 14 Nov 2024 15:23

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 81792
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: 13.811 min Scan# 2016
Delta R.T. -0.001 min
Lab File: VN084852.D
Acq: 14 Nov 2024 15:23

Tgt Ion:146 Resp: 530
Ion Ratio Lower Upper
146 100
111 0.0 21.2 63.6#
148 152.1 31.9 95.9#

