

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111424\
 Data File : VN084864.D
 Acq On : 14 Nov 2024 20:10
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 15 00:54:34 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	173092	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	301170	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	260917	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	122215	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	121890	48.755	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.520%
35) Dibromofluoromethane	8.159	113	96233	47.206	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.420%
50) Toluene-d8	10.565	98	344656	45.897	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.800%
62) 4-Bromofluorobenzene	12.847	95	130196	46.391	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.780%

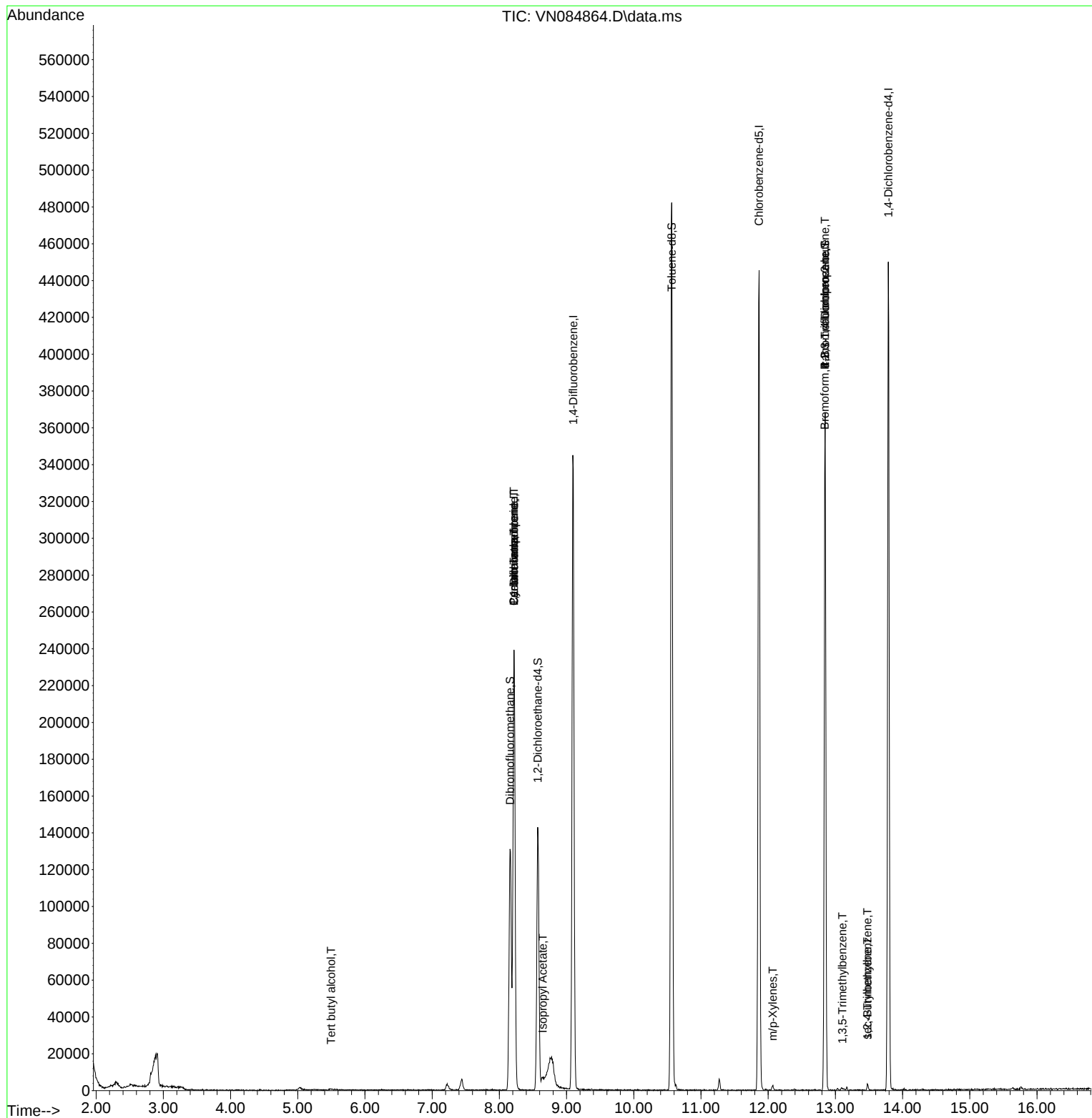
Target Compounds			Qvalue			
3) Chloromethane	2.359	50	365	Below Cal	#	41
6) Chloroethane	3.130	64	632	Below Cal	#	45
11) Tert butyl alcohol	5.495	59	141	0.427 ug/l	#	73
16) Acetone	4.442	43	64	Below Cal	#	44
18) Methyl Acetate	5.030	43	2913	Below Cal		98
31) Cyclohexane	8.218	56	3362	0.974 ug/l	#	1
36) 1,1-Dichloropropene	8.218	75	14037	4.965 ug/l	#	51
38) Carbon Tetrachloride	8.218	117	18218	5.765 ug/l	#	15
43) Isopropyl Acetate	8.647	43	6190	0.348 ug/l	#	56
68) m/p-Xylenes	12.071	106	881	0.239 ug/l		87
71) Bromoform	12.841	173	545	0.357 ug/l	#	1
76) 1,2,3-Trichloropropane	12.847	75	66933	27.398 ug/l	#	1
80) 1,3,5-Trimethylbenzene	13.106	105	1442	0.203 ug/l		74
81) trans-1,4-Dichloro-2-b...	12.847	75	66933	64.998 ug/l	#	11
84) 1,2,4-Trimethylbenzene	13.476	105	2194	0.299 ug/l		99
85) sec-Butylbenzene	13.476	105	2194	0.264 ug/l	#	57
88) 1,4-Dichlorobenzene	13.812	146	113	Below Cal	#	1

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

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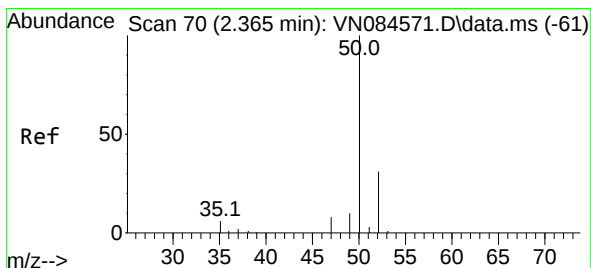
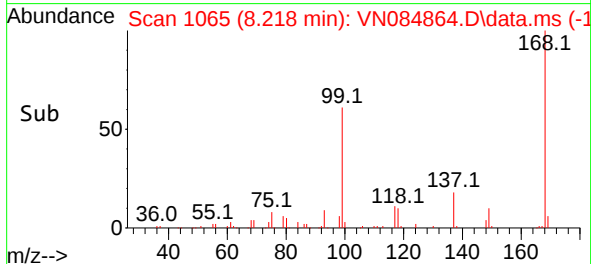
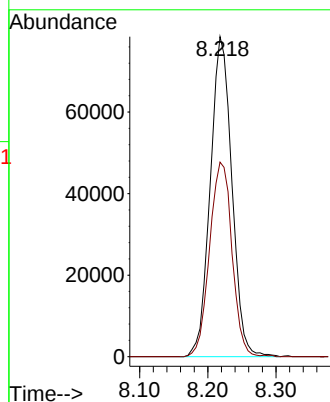
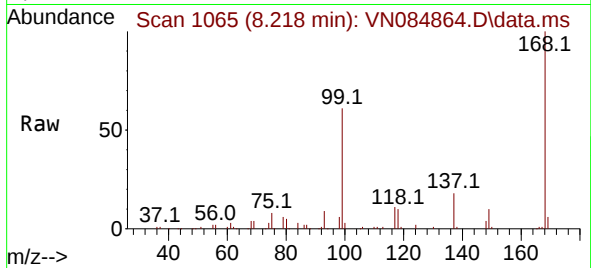




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084864.D
Acq: 14 Nov 2024 20:10

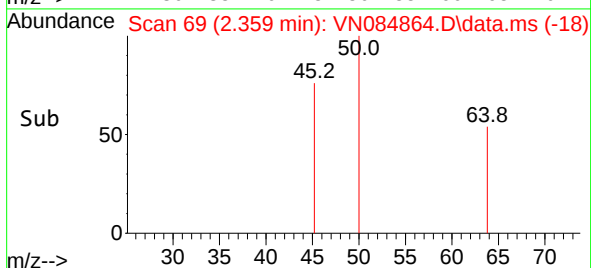
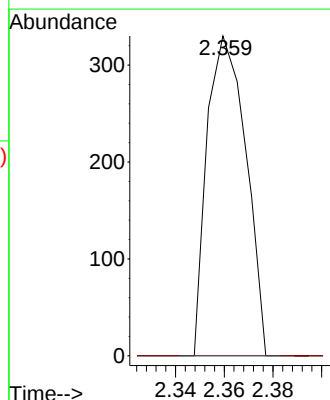
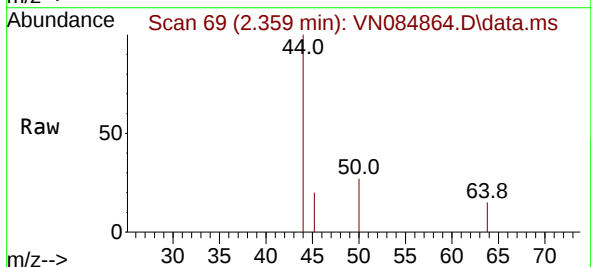
Instrument :
MSVOA_N
ClientSampleId :

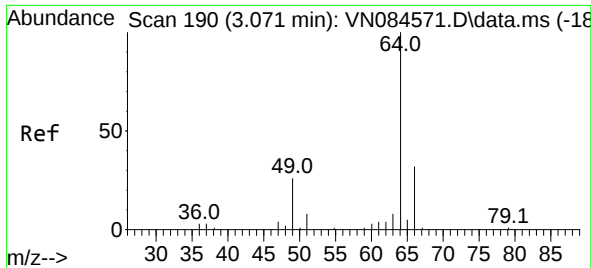
Tgt Ion:168 Resp: 173092
Ion Ratio Lower Upper
168 100
99 60.8 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084864.D
Acq: 14 Nov 2024 20:10

Tgt Ion: 50 Resp: 365
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

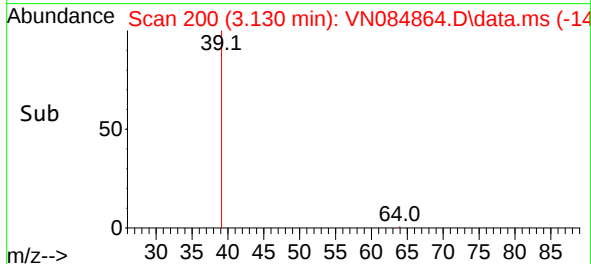
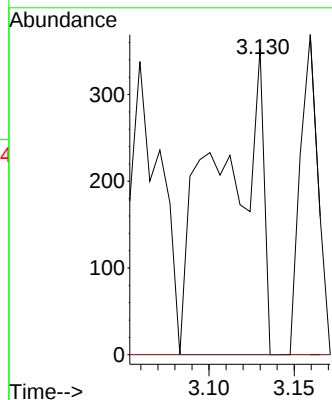
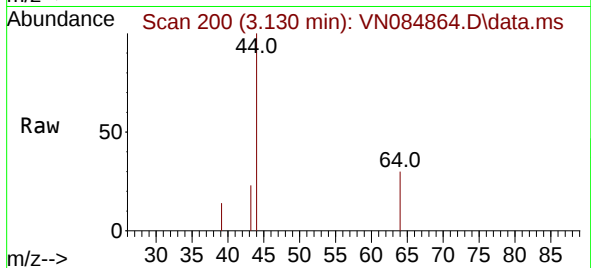




#6
Chloroethane
Concen: Below Cal
RT: 3.130 min Scan# 20
Delta R.T. 0.012 min
Lab File: VN084864.D
Acq: 14 Nov 2024 20:10

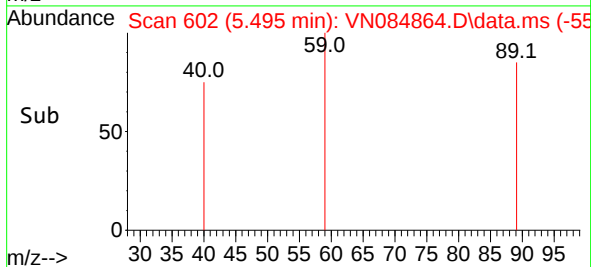
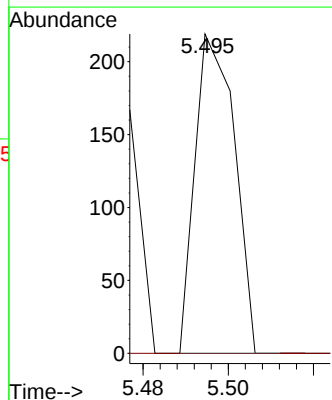
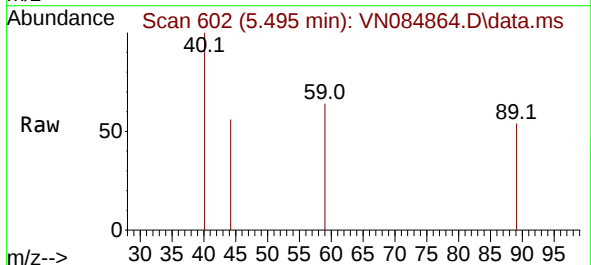
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 64 Resp: 632
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



#11
Tert butyl alcohol
Concen: 0.427 ug/l
RT: 5.495 min Scan# 602
Delta R.T. -0.029 min
Lab File: VN084864.D
Acq: 14 Nov 2024 20:10

Tgt Ion: 59 Resp: 141
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

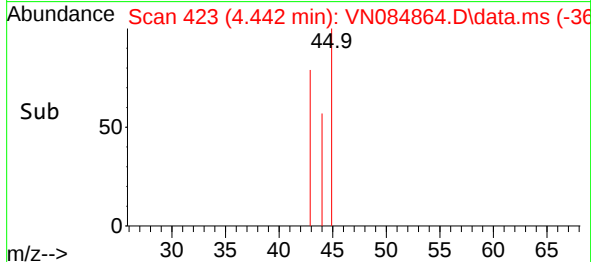
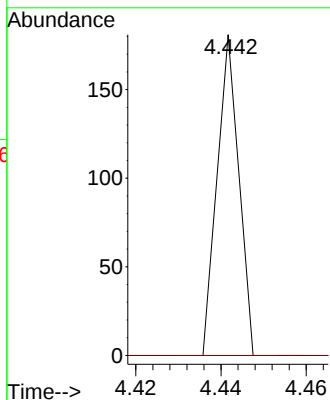
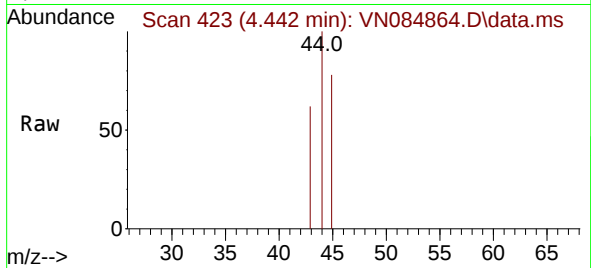




#16
Acetone
Concen: Below Cal
RT: 4.442 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN084864.D
Acq: 14 Nov 2024 20:10

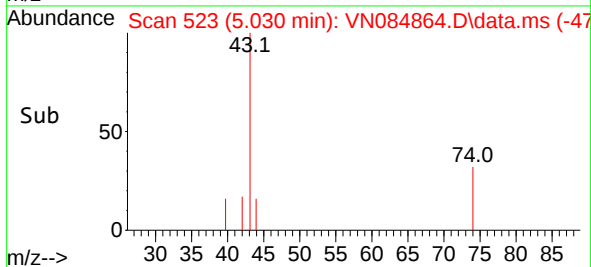
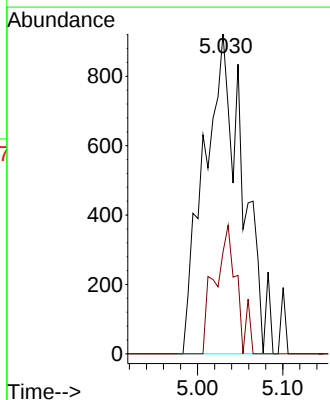
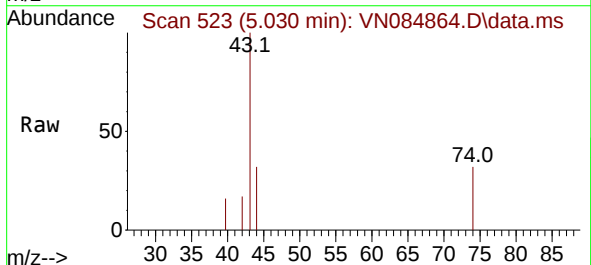
Instrument :
MSVOA_N
ClientSampleId :

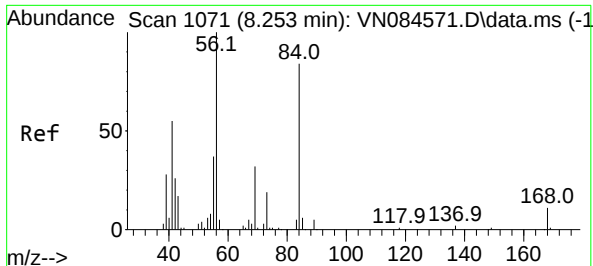
Tgt Ion: 43 Resp: 64
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN084864.D
Acq: 14 Nov 2024 20:10

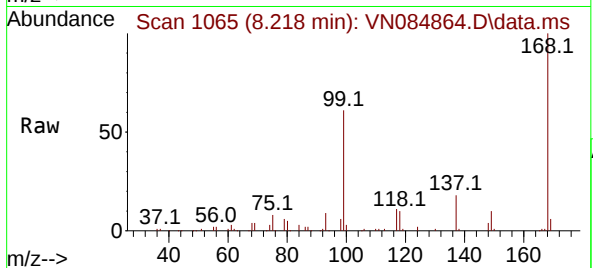
Tgt Ion: 43 Resp: 2913
Ion Ratio Lower Upper
43 100
74 23.0 19.2 28.8



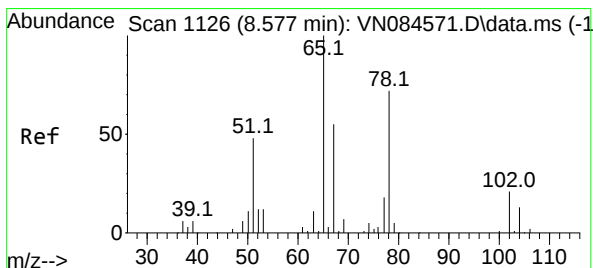
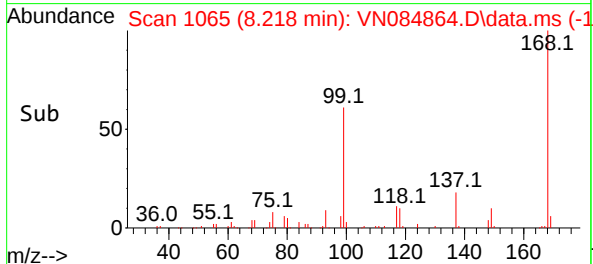
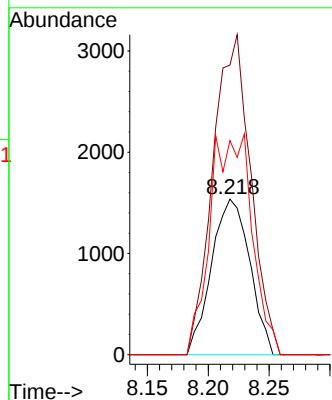


#31
Cyclohexane
Concen: 0.974 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN084864.D
Acq: 14 Nov 2024 20:10

Instrument :
MSVOA_N
ClientSampleId :

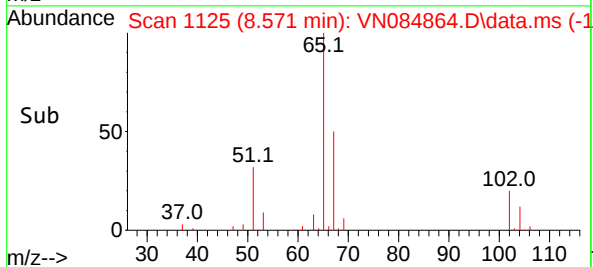
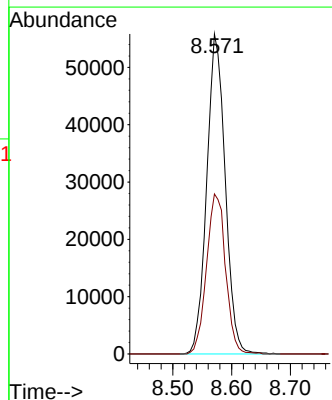
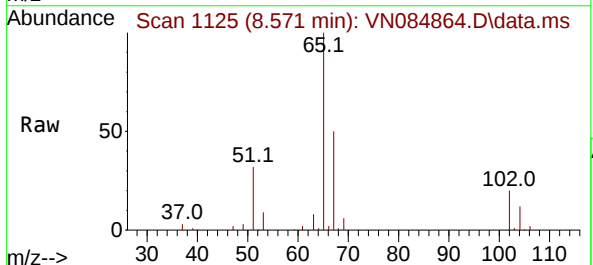


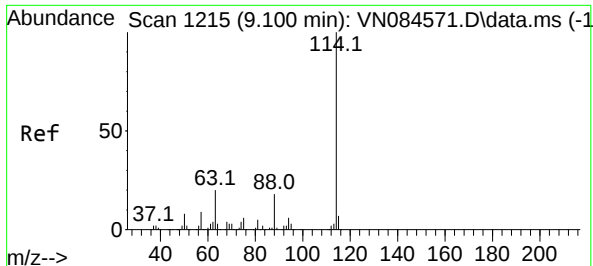
Tgt Ion: 56 Resp: 3362
Ion Ratio Lower Upper
56 100
69 186.2 23.8 35.6#
84 137.6 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 48.755 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN084864.D
Acq: 14 Nov 2024 20:10

Tgt Ion: 65 Resp: 121890
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# 1

Delta R.T. 0.000 min

Lab File: VN084864.D

Acq: 14 Nov 2024 20:10

Instrument :

MSVOA_N

ClientSampleId :

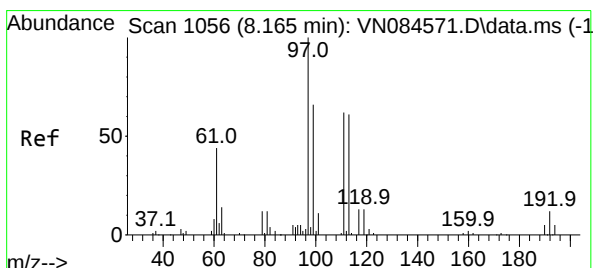
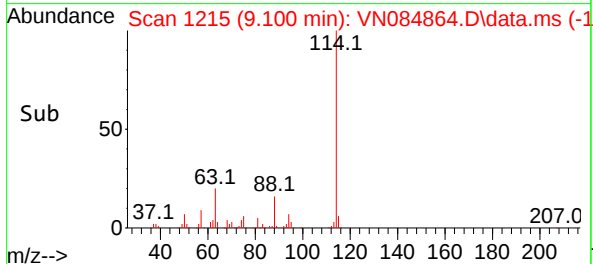
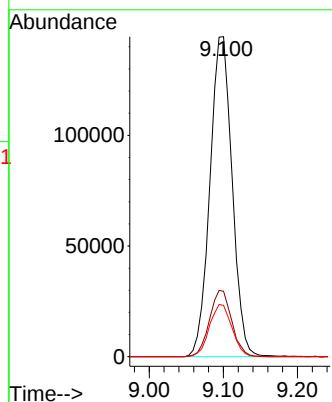
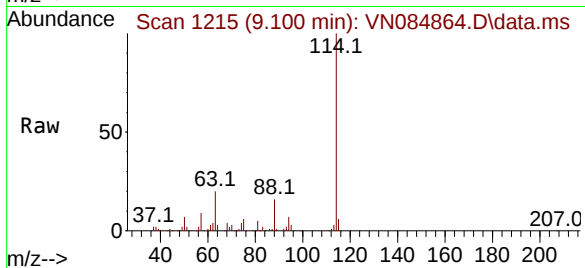
Tgt Ion:114 Resp: 301170

Ion Ratio Lower Upper

114 100

63 20.4 0.0 43.8

88 16.1 0.0 31.6



#35

Dibromofluoromethane

Concen: 47.206 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN084864.D

Acq: 14 Nov 2024 20:10

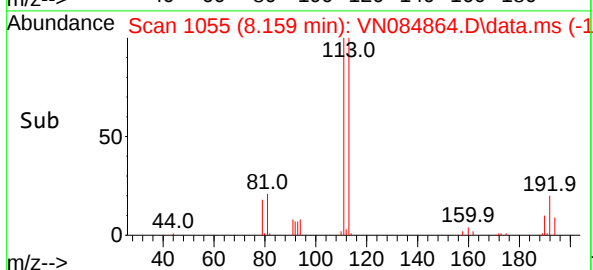
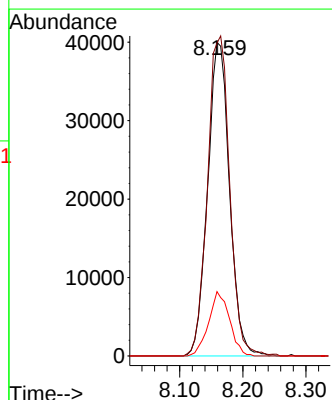
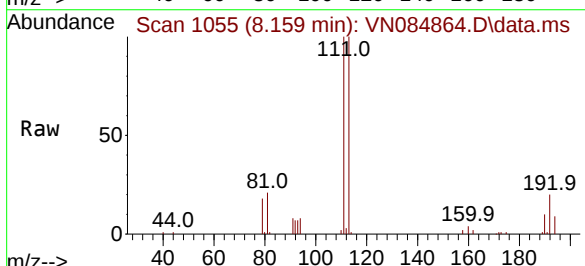
Tgt Ion:113 Resp: 96233

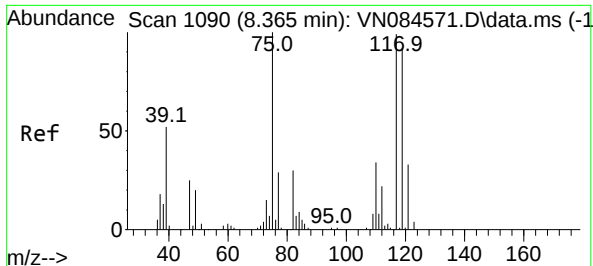
Ion Ratio Lower Upper

113 100

111 103.9 83.3 124.9

192 19.7 13.5 20.3





#36

1,1-Dichloropropene

Concen: 4.965 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

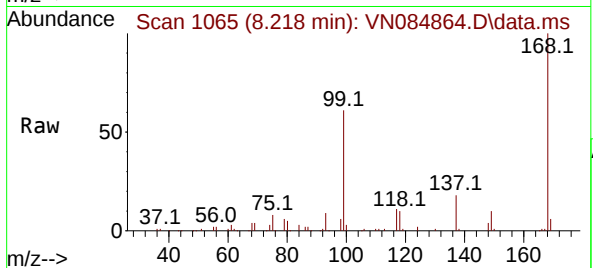
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Acq: 14 Nov 2024 20:10

Instrument :

MSVOA_N

ClientSampleId :



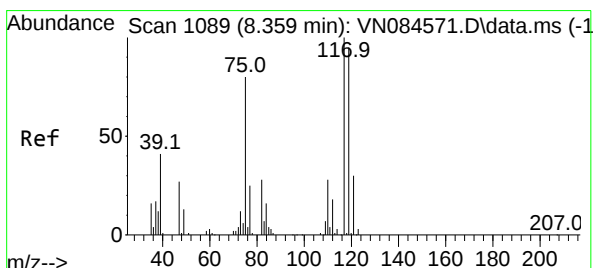
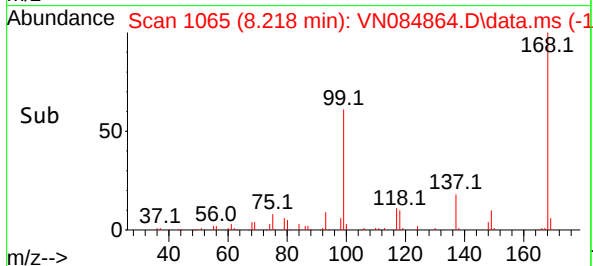
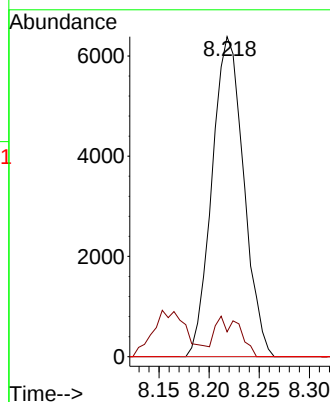
Tgt Ion: 75 Resp: 14037

Ion Ratio Lower Upper

75 100

110 10.1 16.9 50.7#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.765 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.141 min

Lab File: VN084864.D

Acq: 14 Nov 2024 20:10

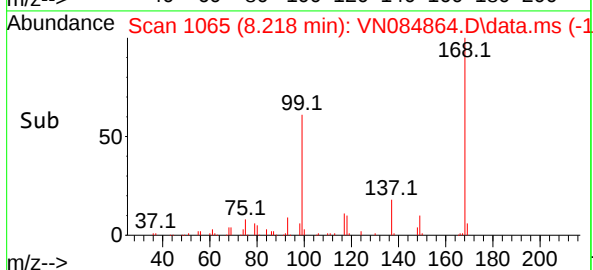
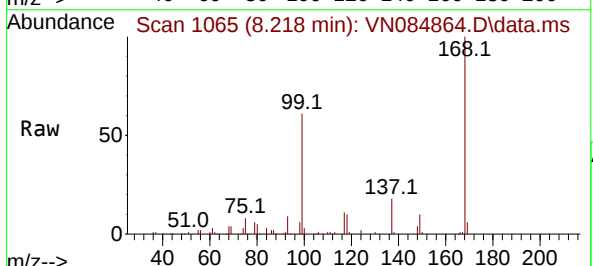
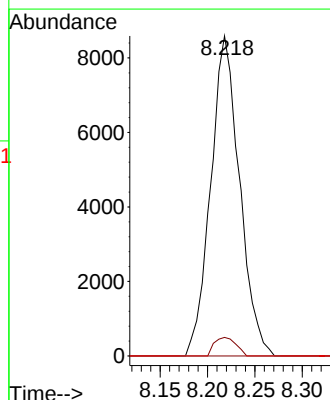
Tgt Ion: 117 Resp: 18218

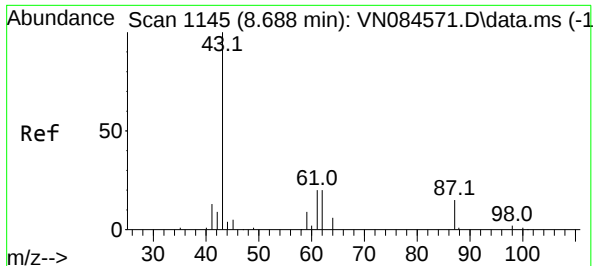
Ion Ratio Lower Upper

117 100

119 5.8 78.7 118.1#

121 0.0 24.4 36.6#





#43

Isopropyl Acetate

Concen: 0.348 ug/l

RT: 8.647 min Scan# 1145

Delta R.T. -0.041 min

Lab File: VN084864.D

Acq: 14 Nov 2024 20:10

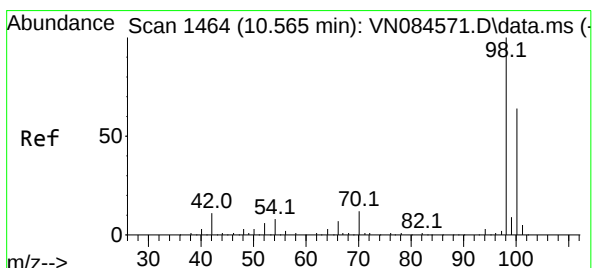
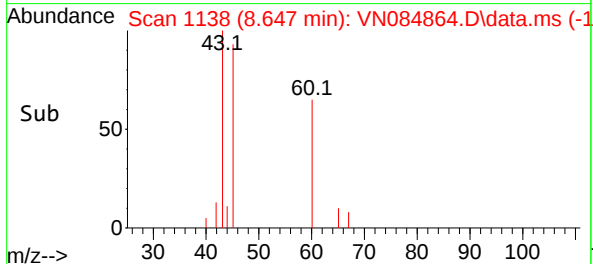
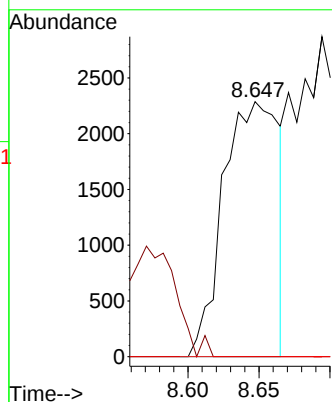
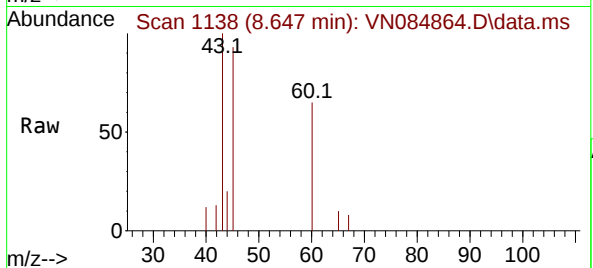
Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 43 Resp: 6190

Ion	Ratio	Lower	Upper
43	100		
61	0.0	20.4	30.6#
87	0.0	10.3	15.5#



#50

Toluene-d8

Concen: 45.897 ug/l

RT: 10.565 min Scan# 1464

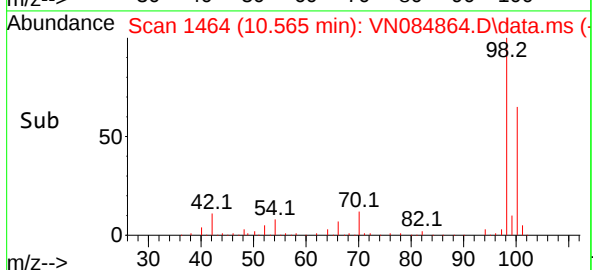
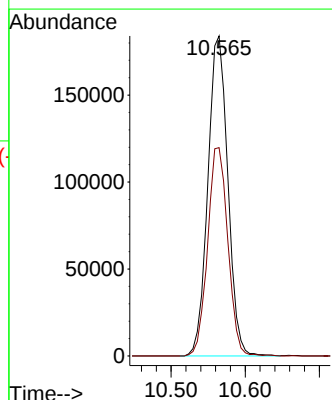
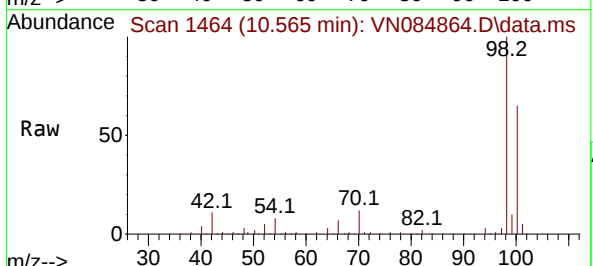
Delta R.T. -0.000 min

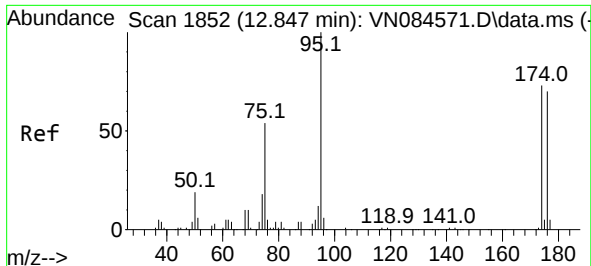
Lab File: VN084864.D

Acq: 14 Nov 2024 20:10

Tgt Ion: 98 Resp: 344656

Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.7	79.1

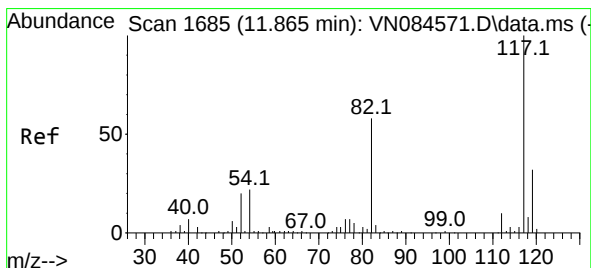
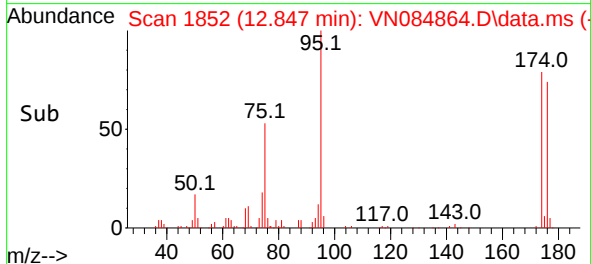
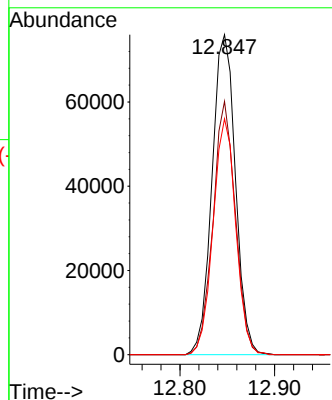
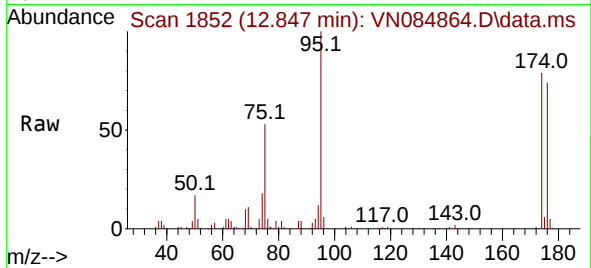




#62
4-Bromofluorobenzene
Concen: 46.391 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084864.D
Acq: 14 Nov 2024 20:10

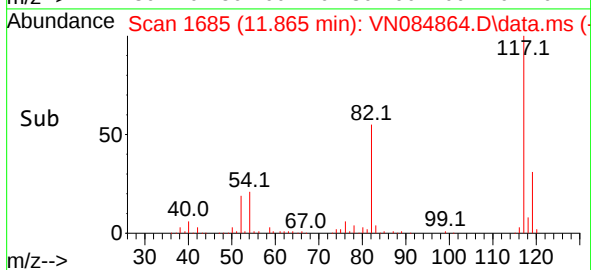
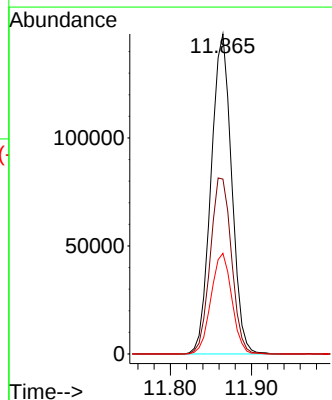
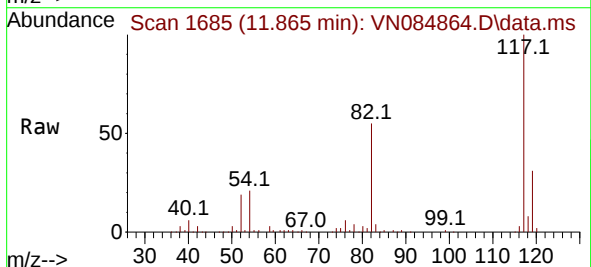
Instrument :
MSVOA_N
ClientSampleId :

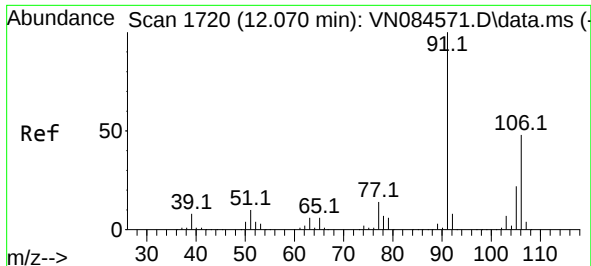
Tgt Ion: 95 Resp: 130196
Ion Ratio Lower Upper
95 100
174 75.8 0.0 145.2
176 71.6 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084864.D
Acq: 14 Nov 2024 20:10

Tgt Ion: 117 Resp: 260917
Ion Ratio Lower Upper
117 100
82 54.6 47.2 70.8
119 31.5 25.4 38.0

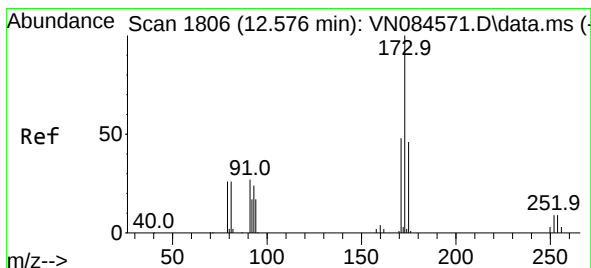
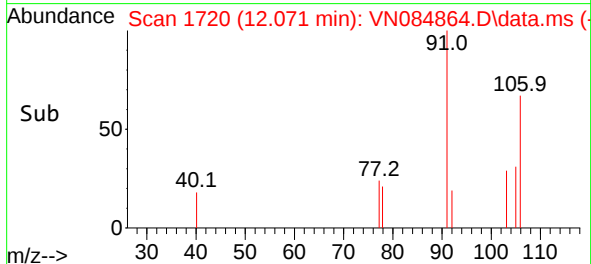
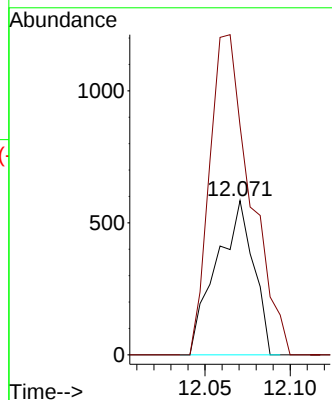
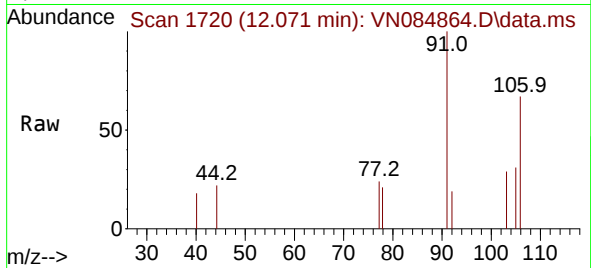




#68
m/p-Xylenes
Concen: 0.239 ug/l
RT: 12.071 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084864.D
Acq: 14 Nov 2024 20:10

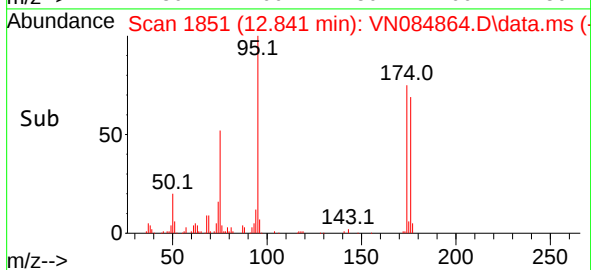
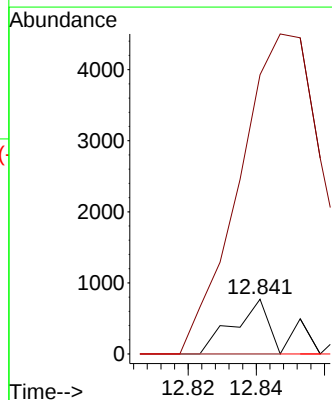
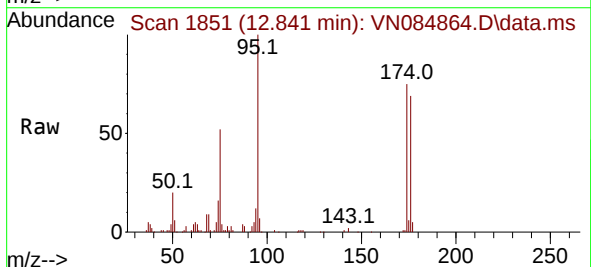
Instrument :
MSVOA_N
ClientSampleId :

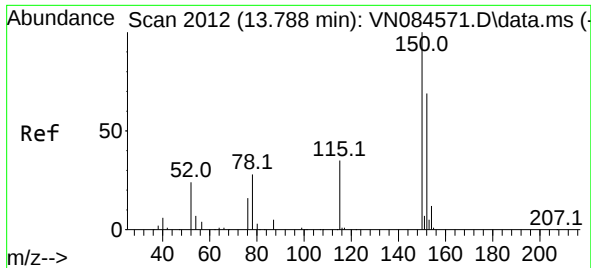
Tgt Ion:106 Resp: 881
Ion Ratio Lower Upper
106 100
91 228.9 167.1 250.7



#71
Bromoform
Concen: 0.357 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.265 min
Lab File: VN084864.D
Acq: 14 Nov 2024 20:10

Tgt Ion:173 Resp: 545
Ion Ratio Lower Upper
173 100
175 1119.1 23.5 70.6#
254 0.0 0.0 0.0

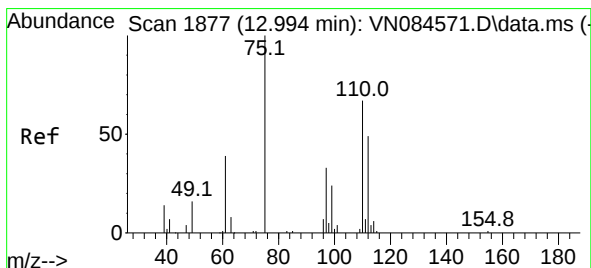
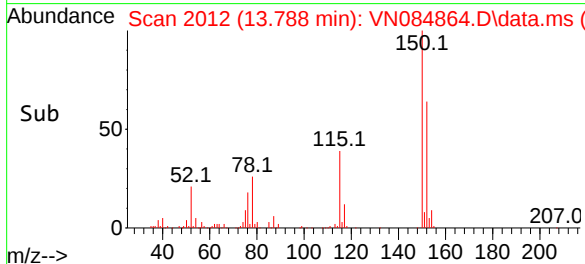
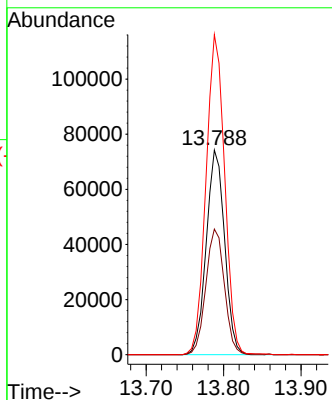
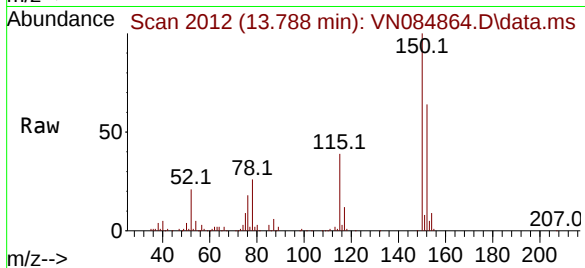




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN084864.D
Acq: 14 Nov 2024 20:10

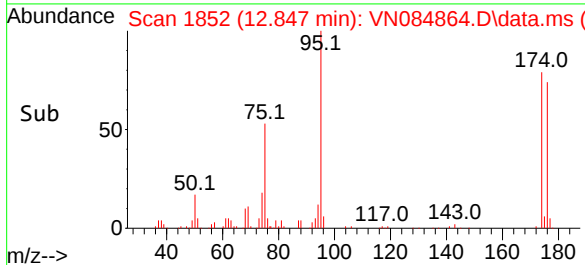
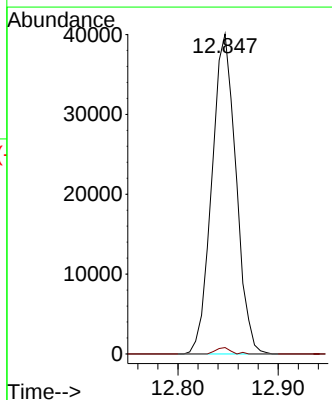
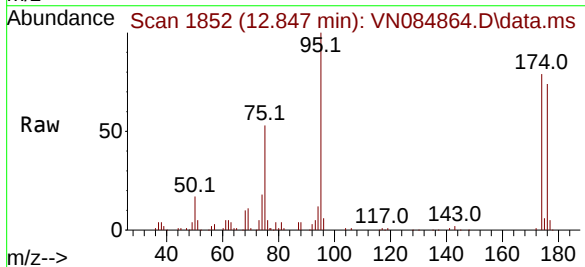
Instrument :
MSVOA_N
ClientSampleId :

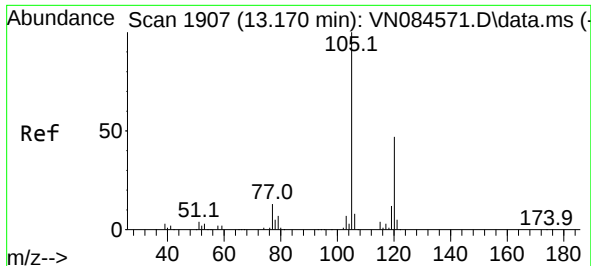
Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.0	31.3	93.9
150	158.7	0.0	349.8



#76
1,2,3-Trichloropropane
Concen: 27.398 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084864.D
Acq: 14 Nov 2024 20:10

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.3	96.9	290.7#

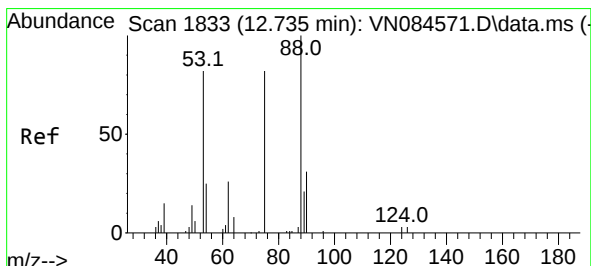
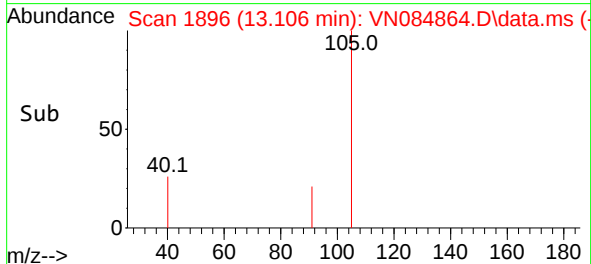
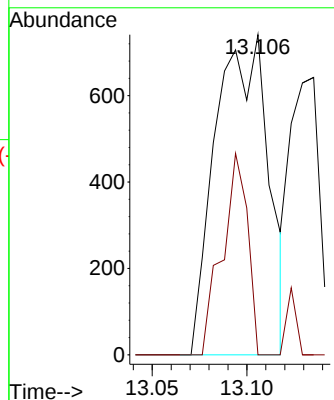
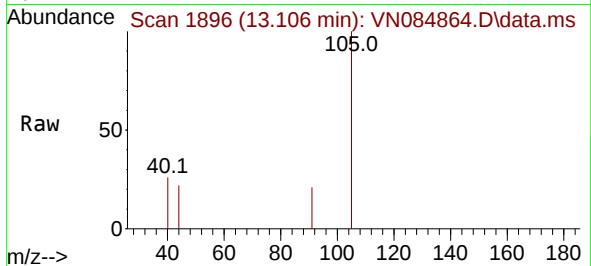




#80
 1,3,5-Trimethylbenzene
 Concen: 0.203 ug/l
 RT: 13.106 min Scan# 1896
 Delta R.T. -0.065 min
 Lab File: VN084864.D
 Acq: 14 Nov 2024 20:10

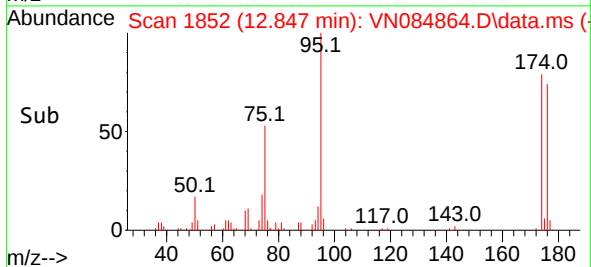
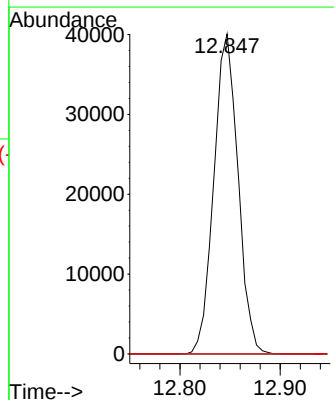
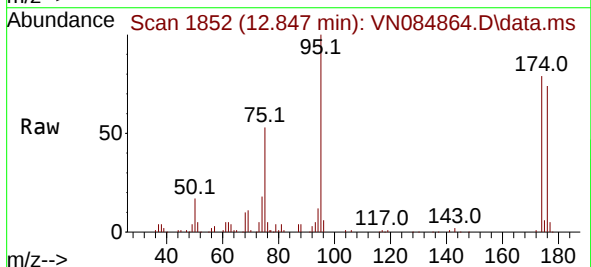
Instrument :
 MSVOA_N
 ClientSampleId :

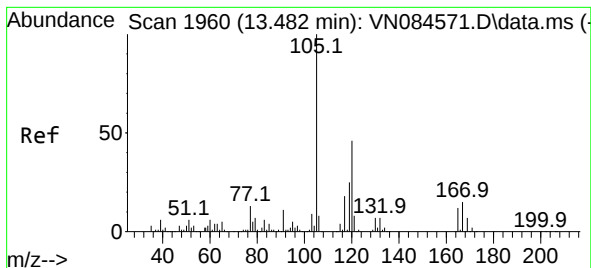
Tgt Ion:105 Resp: 1442
 Ion Ratio Lower Upper
 105 100
 120 30.2 23.7 71.1



#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.998 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.112 min
 Lab File: VN084864.D
 Acq: 14 Nov 2024 20:10

Tgt Ion: 75 Resp: 66933
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 35.5 53.3#





#84

1,2,4-Trimethylbenzene

Concen: 0.299 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. -0.006 min

Lab File: VN084864.D

Acq: 14 Nov 2024 20:10

Instrument :

MSVOA_N

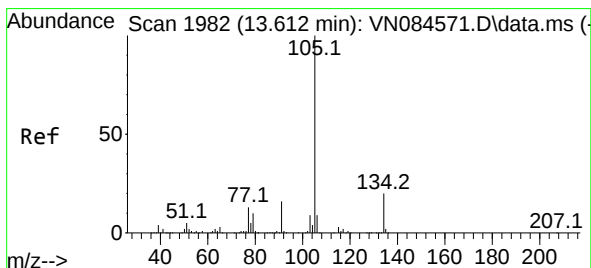
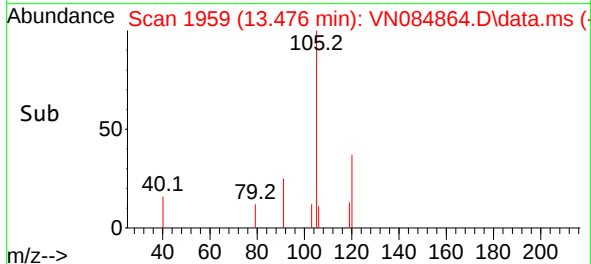
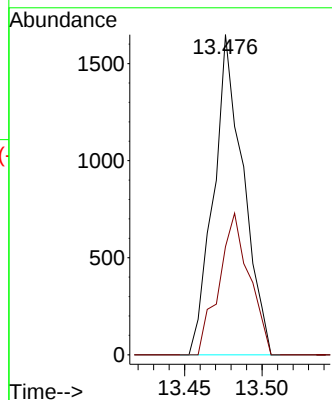
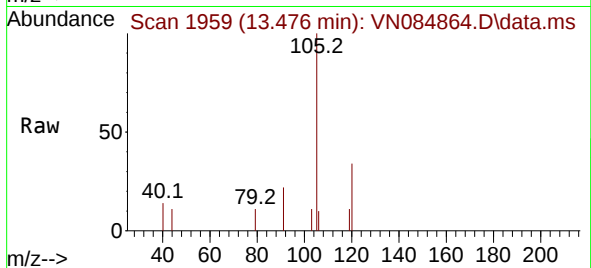
ClientSampleId :

Tgt Ion:105 Resp: 2194

Ion Ratio Lower Upper

105 100

120 45.2 22.3 66.8



#85

sec-Butylbenzene

Concen: 0.264 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. -0.141 min

Lab File: VN084864.D

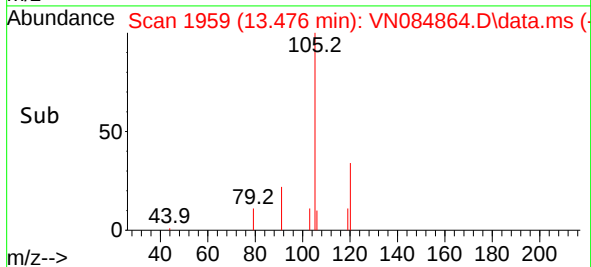
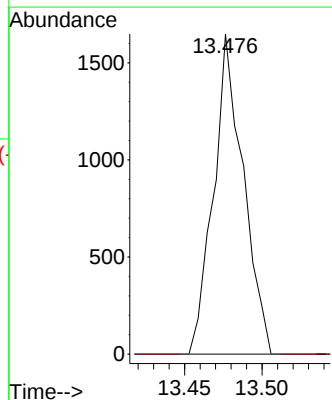
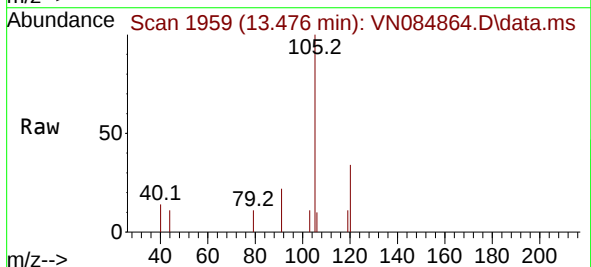
Acq: 14 Nov 2024 20:10

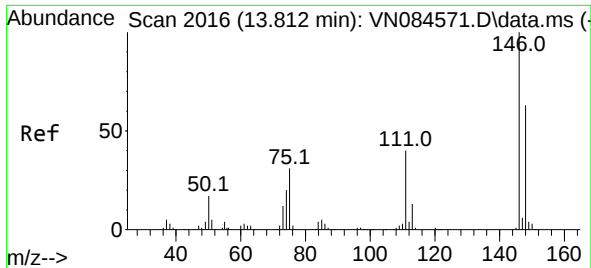
Tgt Ion:105 Resp: 2194

Ion Ratio Lower Upper

105 100

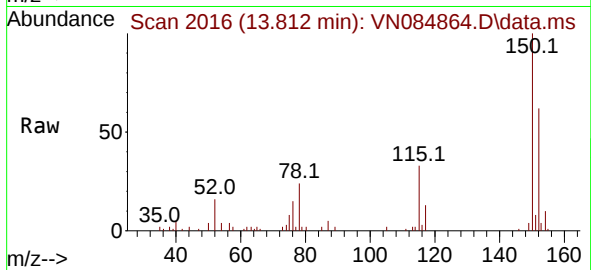
134 0.0 9.8 29.4#





#88
 1,4-Dichlorobenzene
 Concen: Below Cal
 RT: 13.812 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN084864.D
 Acq: 14 Nov 2024 20:10

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:146 Resp: 113
 Ion Ratio Lower Upper
 146 100
 111 0.0 21.2 63.6#
 148 378.8 31.9 95.9#

