

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111424\
 Data File : VN084863.D
 Acq On : 14 Nov 2024 19:46
 Operator : JC\MD
 Sample : P4770-03 500X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 15 00:54:06 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)

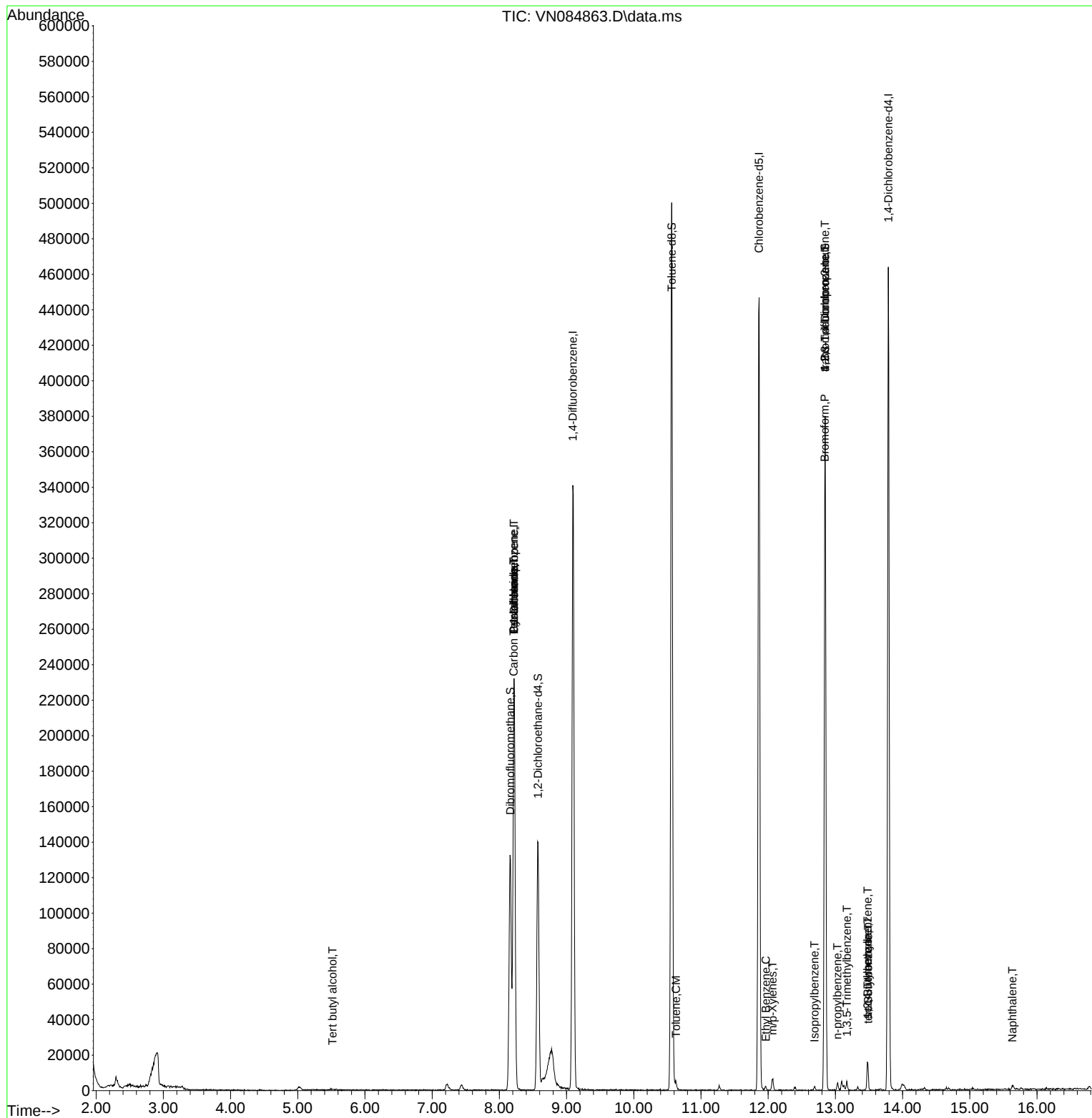
Internal Standards						
1) Pentafluorobenzene	8.218	168	170053	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	300668	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	261851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	123285	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	118659	48.311	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.620%		
35) Dibromofluoromethane	8.165	113	95429	46.890	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.780%		
50) Toluene-d8	10.565	98	346208	46.180	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.360%		
62) 4-Bromofluorobenzene	12.847	95	135390	48.322	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.640%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	471	Below Cal	#	41
6) Chloroethane	3.124	64	124	Below Cal	#	45
11) Tert butyl alcohol	5.518	59	115	0.355	ug/l #	73
18) Methyl Acetate	5.036	43	3873	Below Cal	#	73
31) Cyclohexane	8.218	56	3409	1.005	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	12740	4.514	ug/l #	52
38) Carbon Tetrachloride	8.212	117	18016	5.711	ug/l #	15
43) Isopropyl Acetate	8.641	43	3565	Below Cal	#	56
52) Toluene	10.629	92	1518	0.286	ug/l	80
67) Ethyl Benzene	11.965	91	2272	0.232	ug/l #	83
68) m/p-Xylenes	12.065	106	1983	0.536	ug/l #	71
71) Bromoform	12.841	173	566	0.369	ug/l #	1
73) Isopropylbenzene	12.688	105	1904	0.220	ug/l	90
76) 1,2,3-Trichloropropane	12.847	75	70274	28.516	ug/l #	1
78) n-propylbenzene	13.029	91	3937	0.389	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	2778	0.388	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.847	75	70274	67.650	ug/l #	11
83) tert-Butylbenzene	13.488	119	1248	0.211	ug/l #	63
84) 1,2,4-Trimethylbenzene	13.482	105	9830	1.330	ug/l	96
85) sec-Butylbenzene	13.482	105	9830	1.174	ug/l #	57
95) Naphthalene	15.635	128	3240	0.454	ug/l #	87

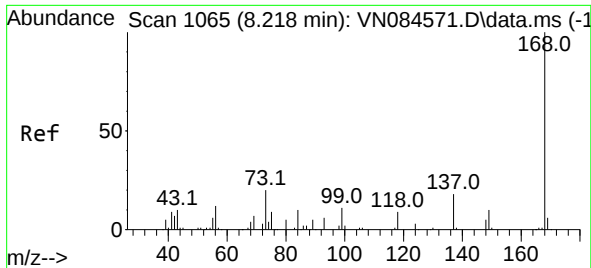
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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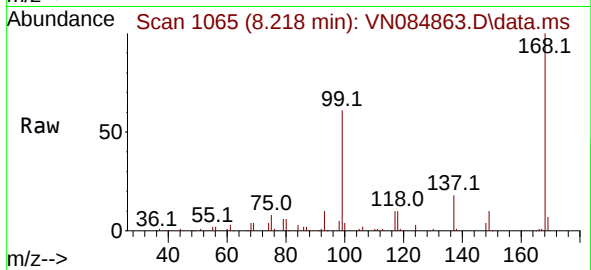
Quant Time: Nov 15 00:54:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 18:45:38 2024
Response via : Initial Calibration



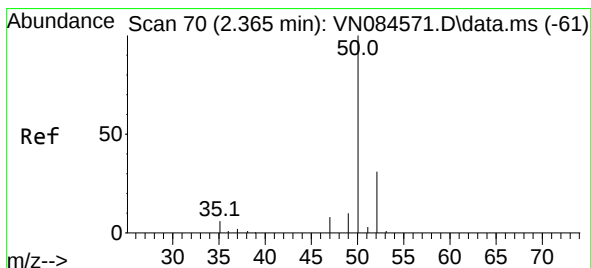
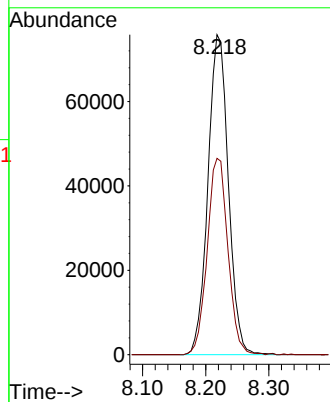
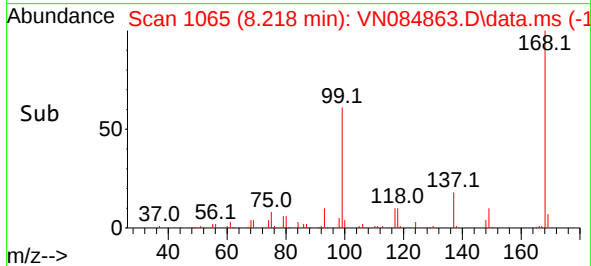


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN084863.D
Acq: 14 Nov 2024 19:46

Instrument :
MSVOA_N
ClientSampleId :

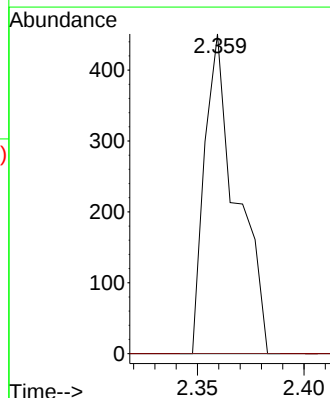
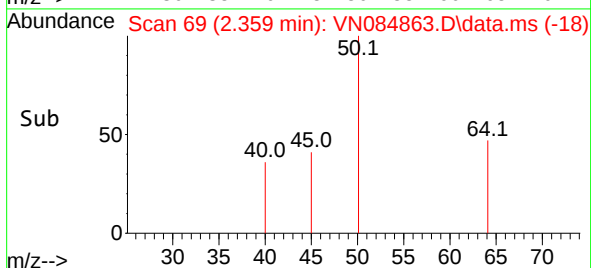
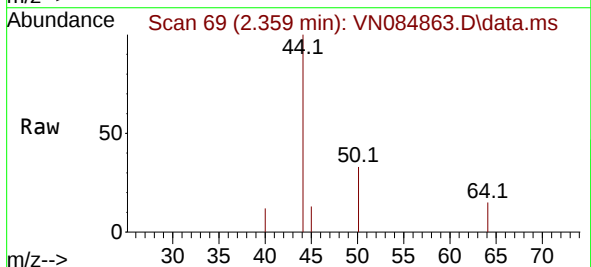


Tgt Ion:168 Resp: 170053
Ion Ratio Lower Upper
168 100
99 61.4 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084863.D
Acq: 14 Nov 2024 19:46

Tgt Ion: 50 Resp: 471
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

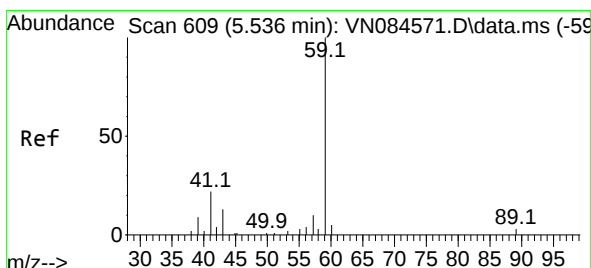
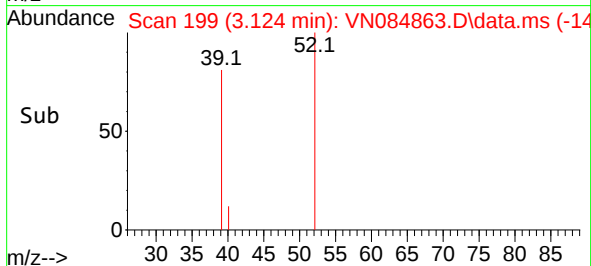
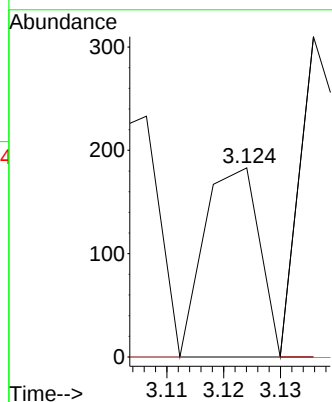
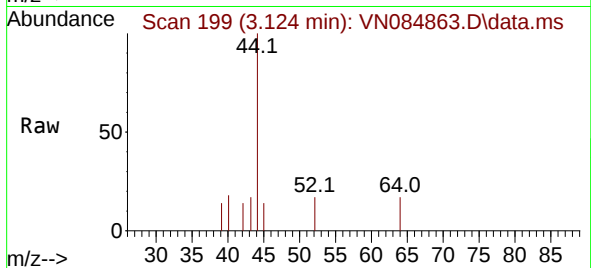




#6
Chloroethane
Concen: Below Cal
RT: 3.124 min Scan# 190
Delta R.T. 0.006 min
Lab File: VN084863.D
Acq: 14 Nov 2024 19:46

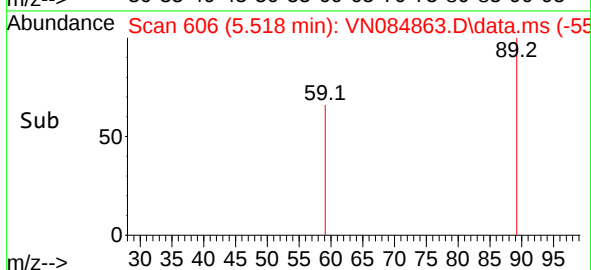
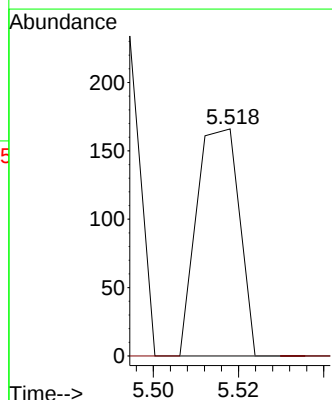
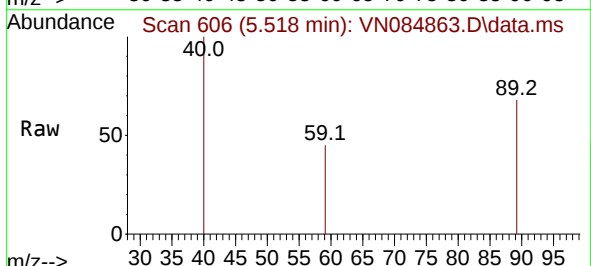
Instrument :
MSVOA_N
ClientSampleId :

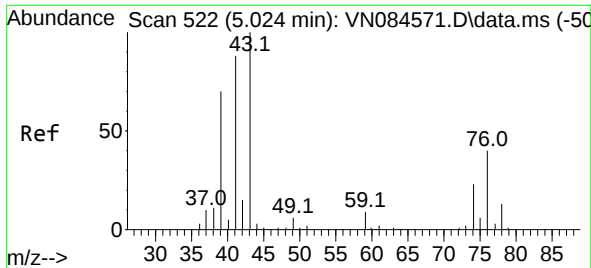
Tgt Ion: 64 Resp: 124
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



#11
Tert butyl alcohol
Concen: 0.355 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN084863.D
Acq: 14 Nov 2024 19:46

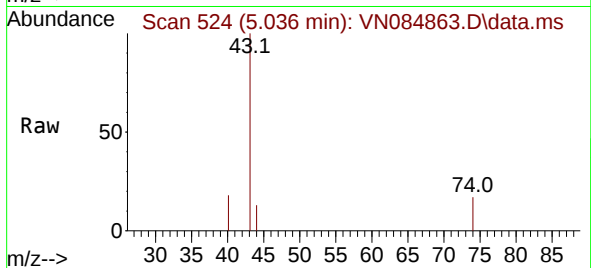
Tgt Ion: 59 Resp: 115
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



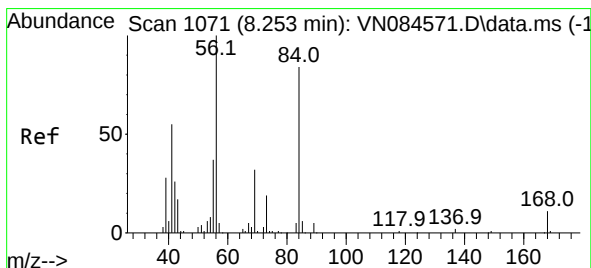
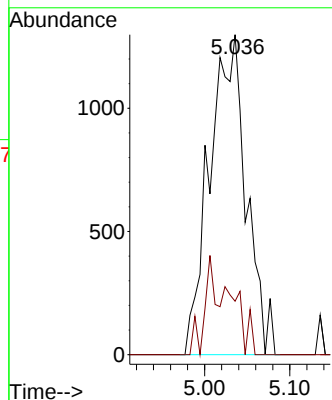
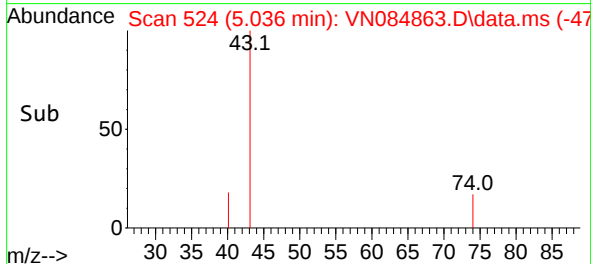


#18
Methyl Acetate
Concen: Below Cal
RT: 5.036 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN084863.D
Acq: 14 Nov 2024 19:46

Instrument :
MSVOA_N
ClientSampleId :

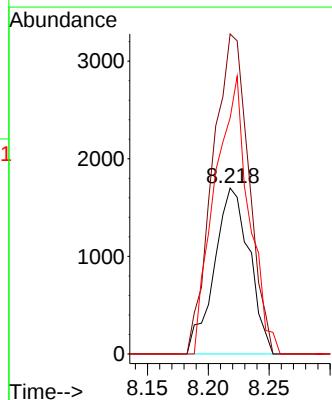
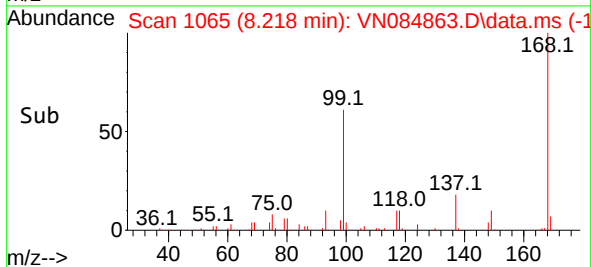
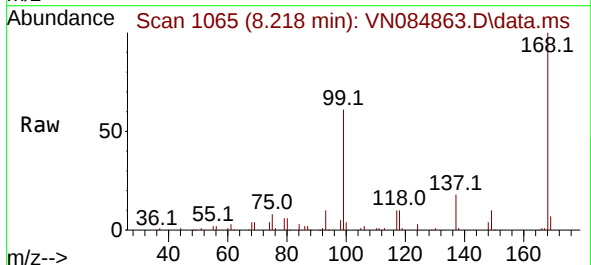


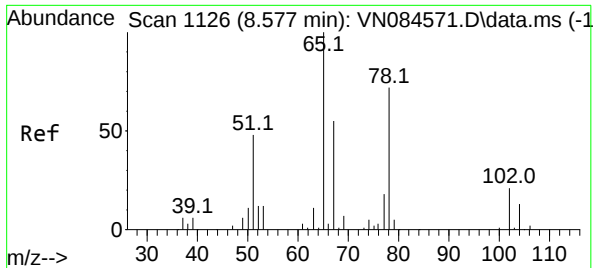
Tgt Ion: 43 Resp: 3873
Ion Ratio Lower Upper
43 100
74 10.7 19.2 28.8#



#31
Cyclohexane
Concen: 1.005 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN084863.D
Acq: 14 Nov 2024 19:46

Tgt Ion: 56 Resp: 3409
Ion Ratio Lower Upper
56 100
69 192.8 23.8 35.6#
84 142.2 68.8 103.2#





#33

1,2-Dichloroethane-d4

Concen: 48.311 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN084863.D

Acq: 14 Nov 2024 19:46

Instrument :

MSVOA_N

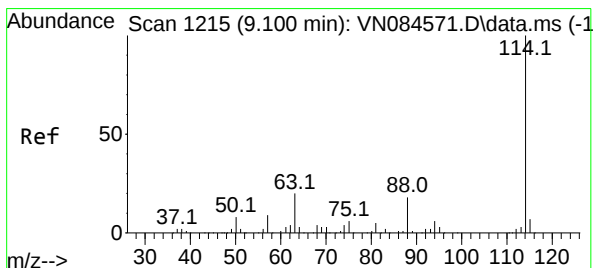
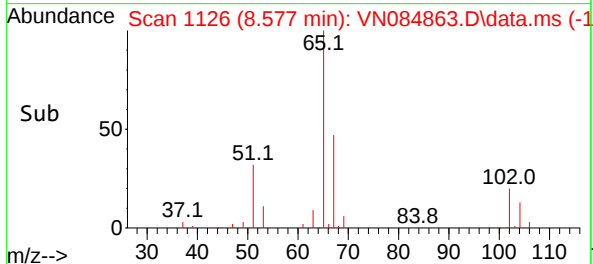
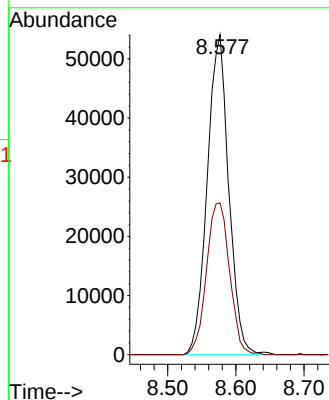
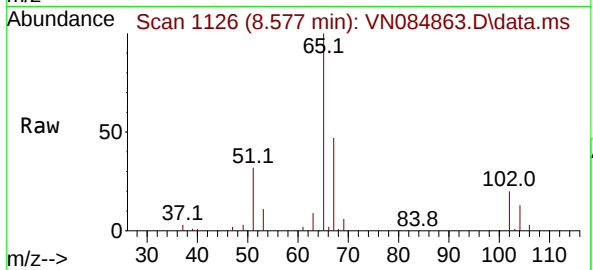
ClientSampleId :

Tgt Ion: 65 Resp: 118659

Ion Ratio Lower Upper

65 100

67 50.9 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VN084863.D

Acq: 14 Nov 2024 19:46

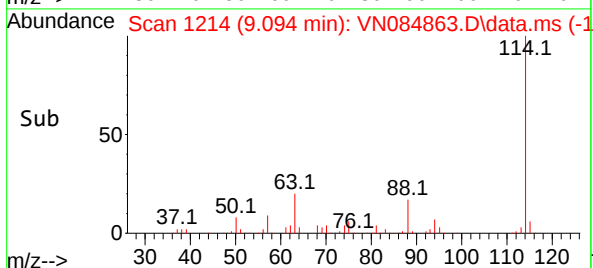
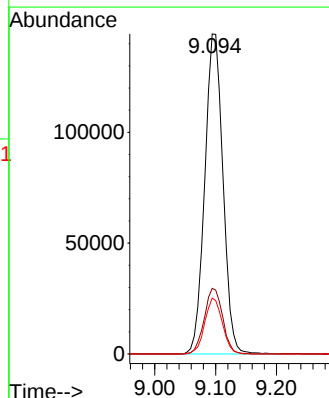
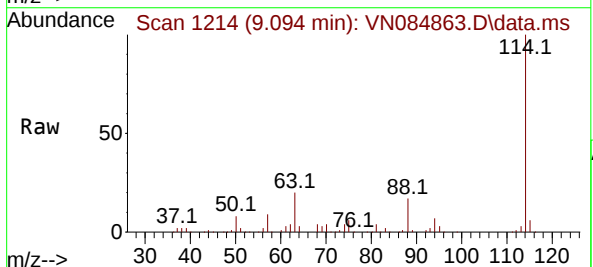
Tgt Ion: 114 Resp: 300668

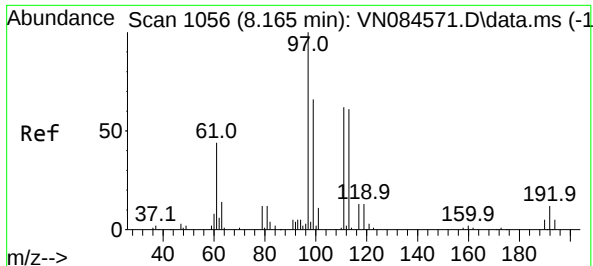
Ion Ratio Lower Upper

114 100

63 20.5 0.0 43.8

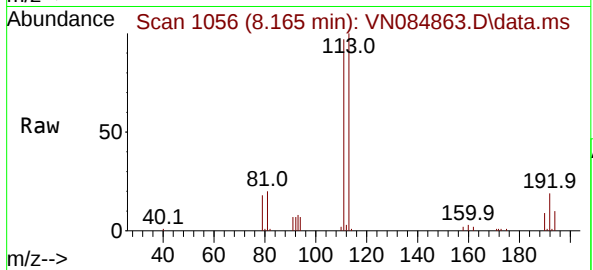
88 17.5 0.0 31.6



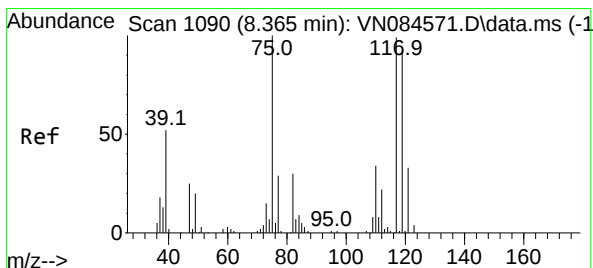
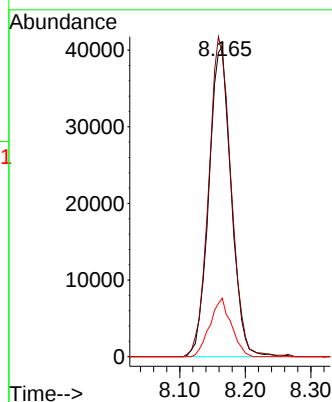
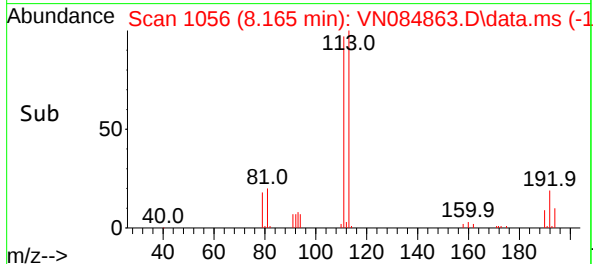


#35
Dibromofluoromethane
Concen: 46.890 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084863.D
Acq: 14 Nov 2024 19:46

Instrument :
MSVOA_N
ClientSampleId :

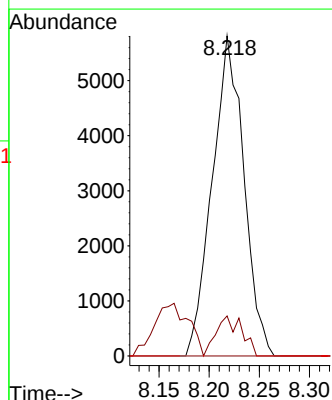
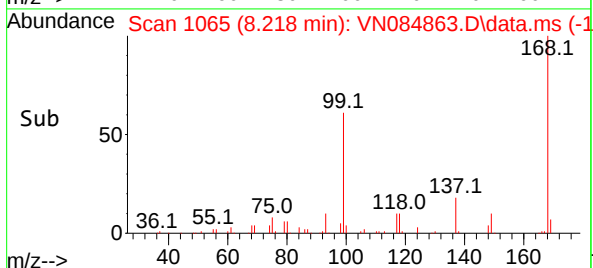
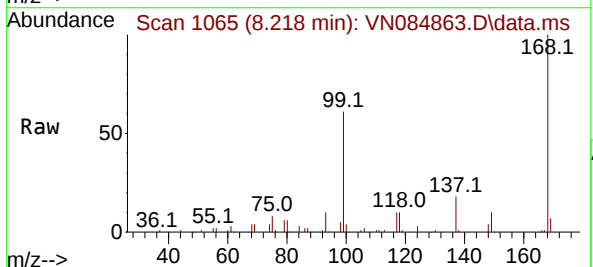


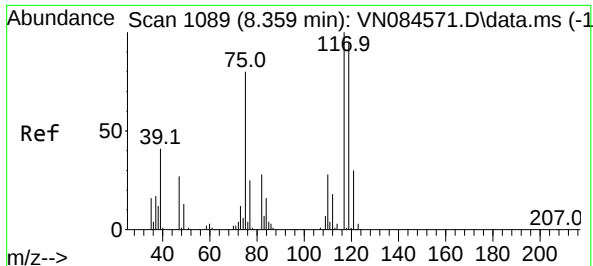
Tgt Ion:113 Resp: 95429
Ion Ratio Lower Upper
113 100
111 103.6 83.3 124.9
192 18.0 13.5 20.3



#36
1,1-Dichloropropene
Concen: 4.514 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN084863.D
Acq: 14 Nov 2024 19:46

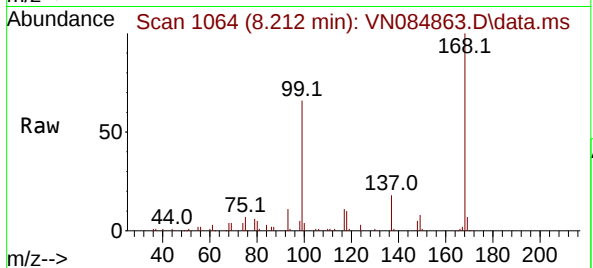
Tgt Ion: 75 Resp: 12740
Ion Ratio Lower Upper
75 100
110 10.2 16.9 50.7#
77 0.0 24.7 37.1#



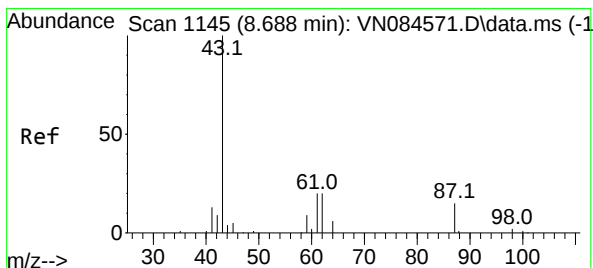
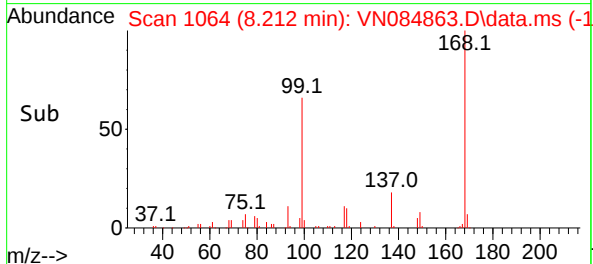
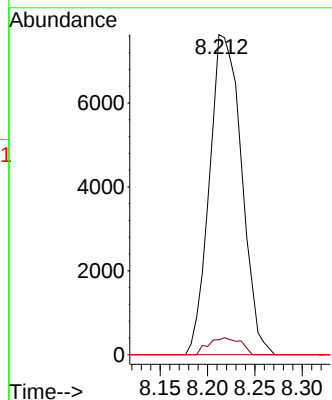


#38
Carbon Tetrachloride
Concen: 5.711 ug/l
RT: 8.212 min Scan# 1137
Delta R.T. -0.147 min
Lab File: VN084863.D
Acq: 14 Nov 2024 19:46

Instrument :
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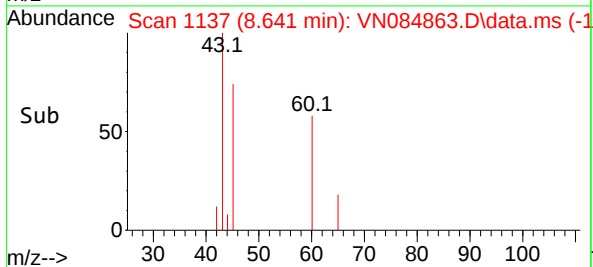
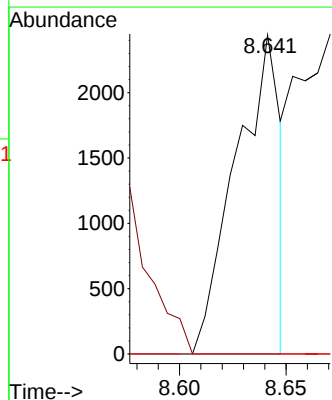
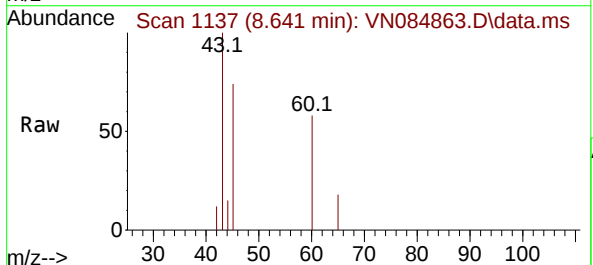


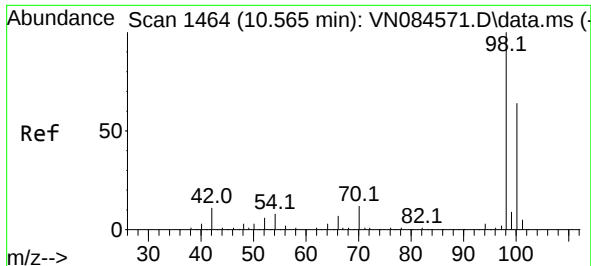
Tgt Ion:117 Resp: 18016
Ion Ratio Lower Upper
117 100
119 4.7 78.7 118.1#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.641 min Scan# 1137
Delta R.T. -0.047 min
Lab File: VN084863.D
Acq: 14 Nov 2024 19:46

Tgt Ion: 43 Resp: 3565
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.3 15.5#





#50

Toluene-d8

Concen: 46.180 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084863.D

Acq: 14 Nov 2024 19:46

Instrument :

MSVOA_N

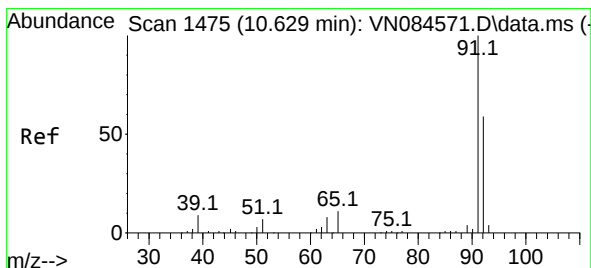
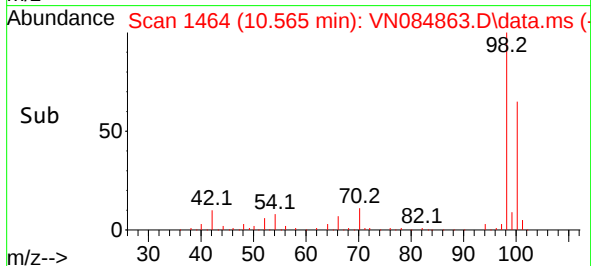
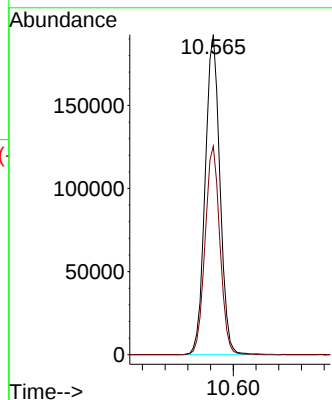
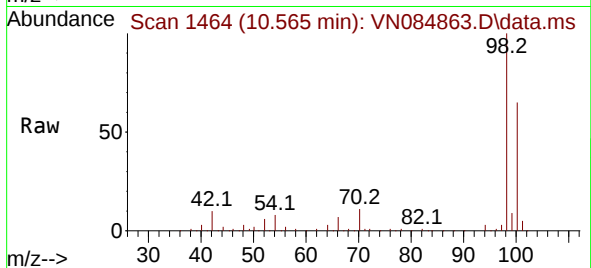
ClientSampleId :

Tgt Ion: 98 Resp: 346208

Ion Ratio Lower Upper

98 100

100 65.5 52.7 79.1



#52

Toluene

Concen: 0.286 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN084863.D

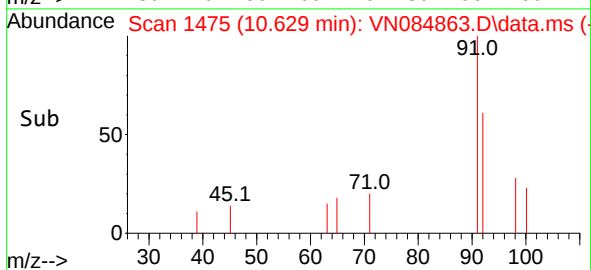
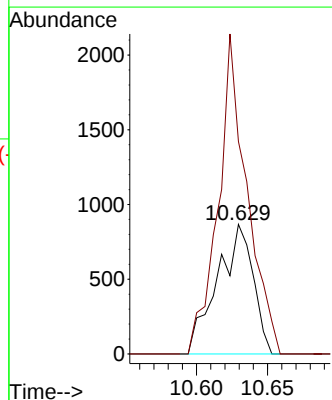
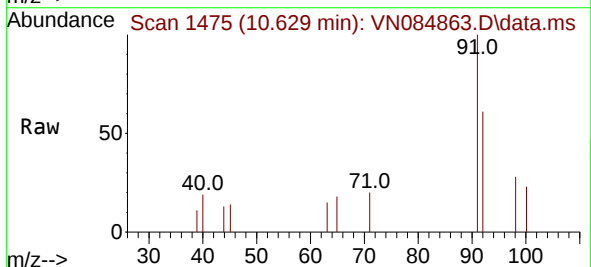
Acq: 14 Nov 2024 19:46

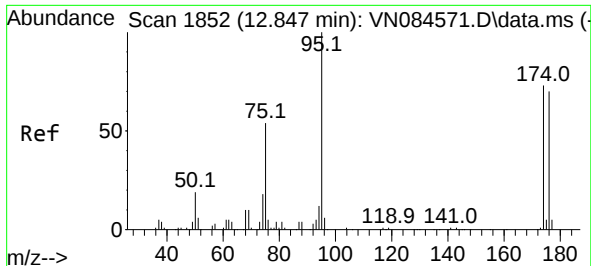
Tgt Ion: 92 Resp: 1518

Ion Ratio Lower Upper

92 100

91 198.9 137.3 205.9

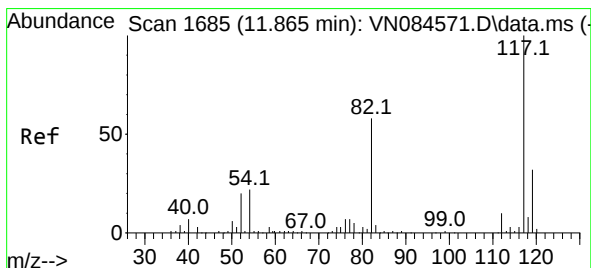
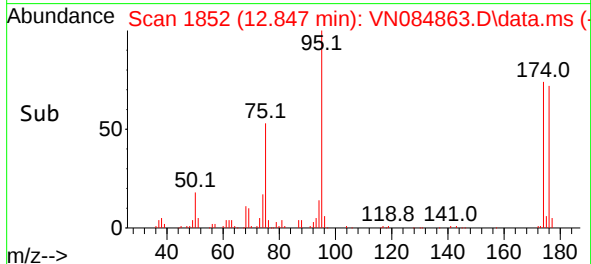
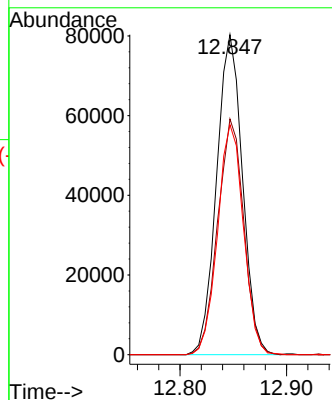
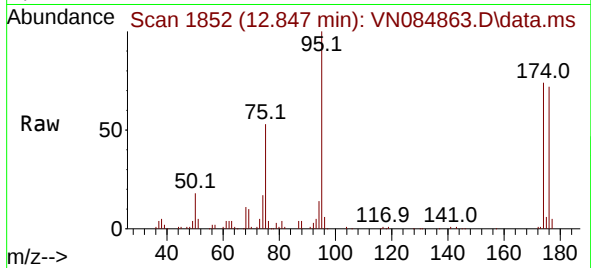




#62
4-Bromofluorobenzene
Concen: 48.322 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084863.D
Acq: 14 Nov 2024 19:46

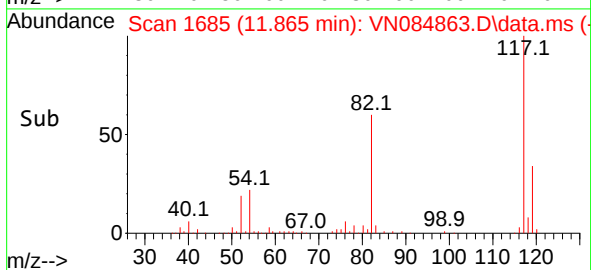
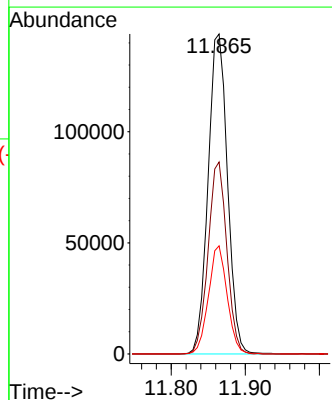
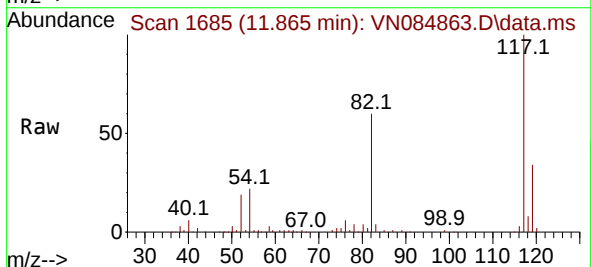
Instrument :
MSVOA_N
ClientSampleId :

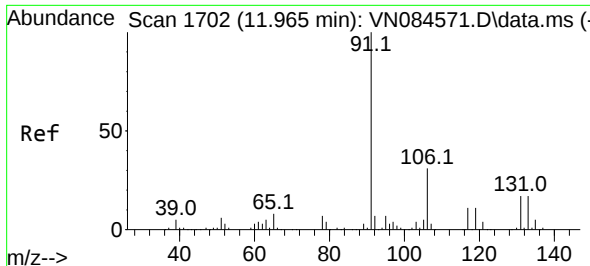
Tgt Ion: 95 Resp: 135390
Ion Ratio Lower Upper
95 100
174 74.2 0.0 145.2
176 71.8 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084863.D
Acq: 14 Nov 2024 19:46

Tgt Ion: 117 Resp: 261851
Ion Ratio Lower Upper
117 100
82 60.0 47.2 70.8
119 33.8 25.4 38.0

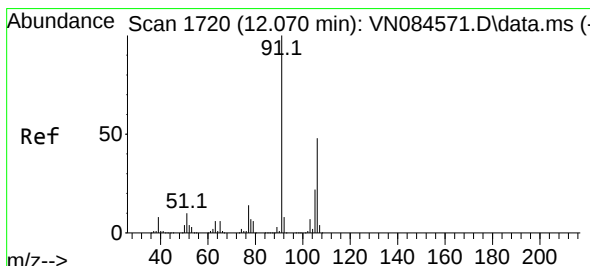
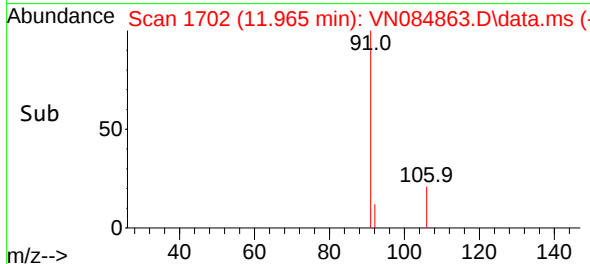
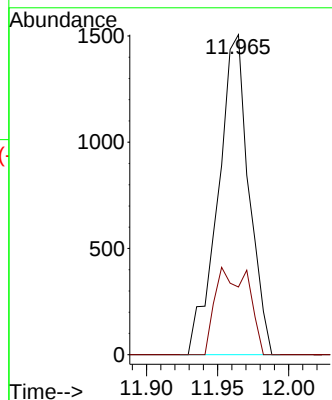
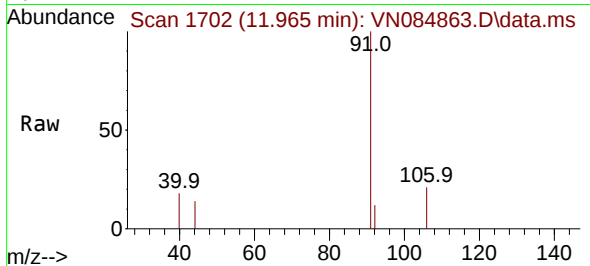




#67
Ethyl Benzene
Concen: 0.232 ug/l
RT: 11.965 min Scan# 1719
Delta R.T. 0.006 min
Lab File: VN084863.D
Acq: 14 Nov 2024 19:46

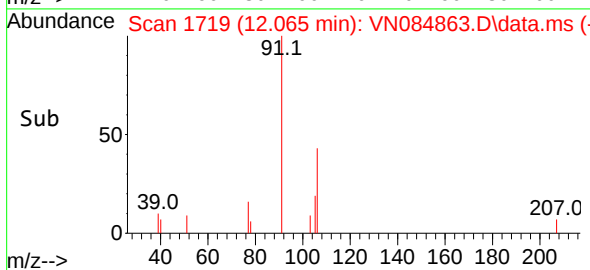
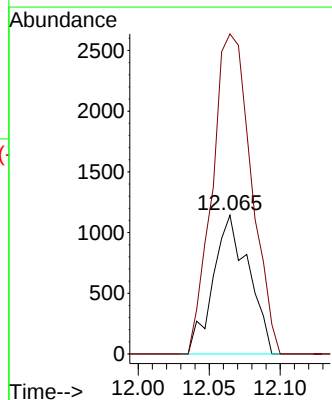
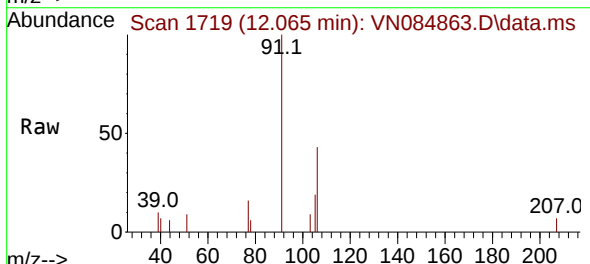
Instrument :
MSVOA_N
ClientSampleId :

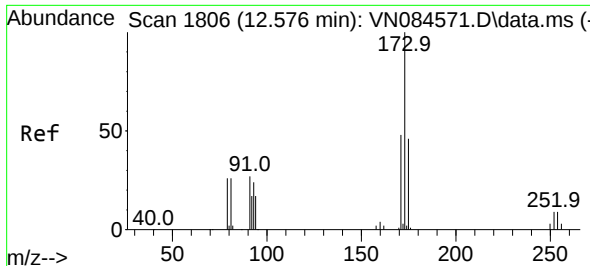
Tgt Ion: 91 Resp: 2272
Ion Ratio Lower Upper
91 100
106 21.2 24.5 36.7#



#68
m/p-Xylenes
Concen: 0.536 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN084863.D
Acq: 14 Nov 2024 19:46

Tgt Ion:106 Resp: 1983
Ion Ratio Lower Upper
106 100
91 254.1 167.1 250.7#

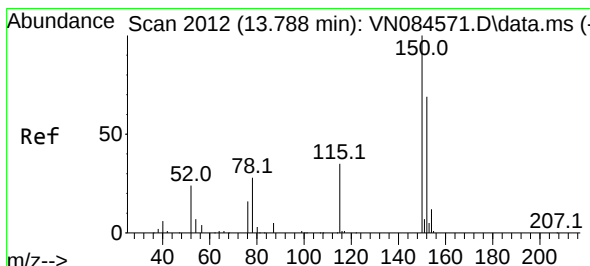
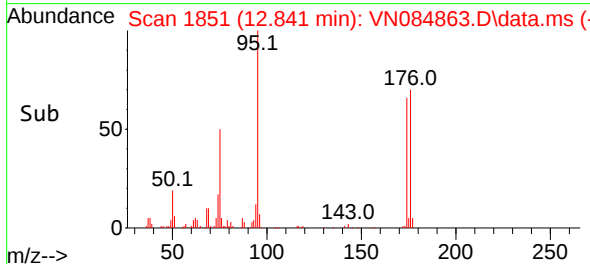
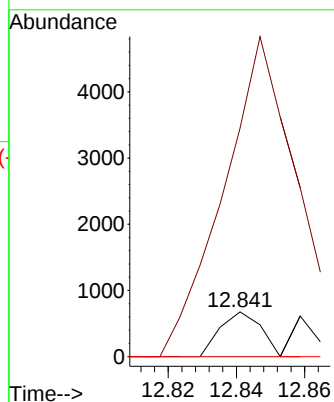
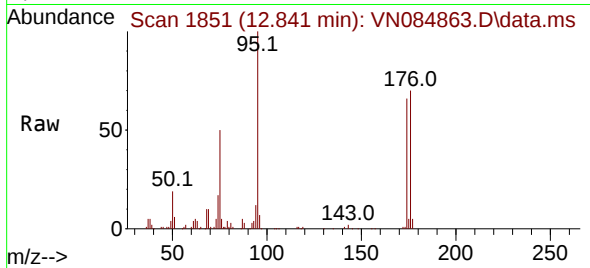




#71
Bromoform
Concen: 0.369 ug/l
RT: 12.841 min Scan# 1806
Delta R.T. 0.265 min
Lab File: VN084863.D
Acq: 14 Nov 2024 19:46

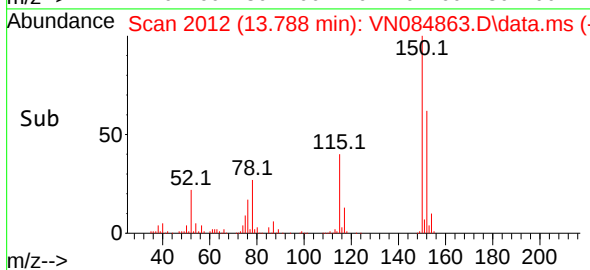
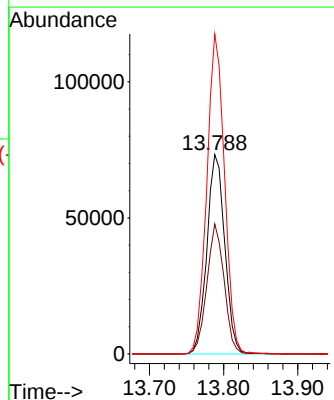
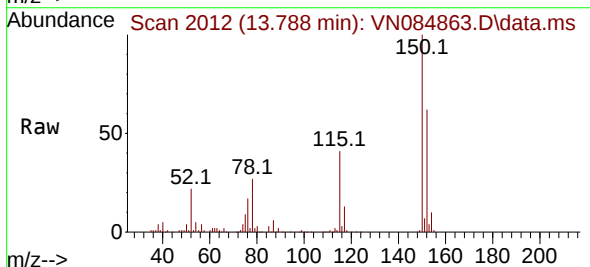
Instrument :
MSVOA_N
ClientSampleId :

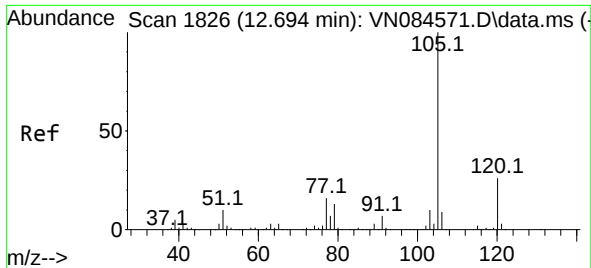
Tgt Ion:173 Resp: 566
Ion Ratio Lower Upper
173 100
175 1009.0 23.5 70.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN084863.D
Acq: 14 Nov 2024 19:46

Tgt Ion:152 Resp: 123285
Ion Ratio Lower Upper
152 100
115 62.8 31.3 93.9
150 158.5 0.0 349.8

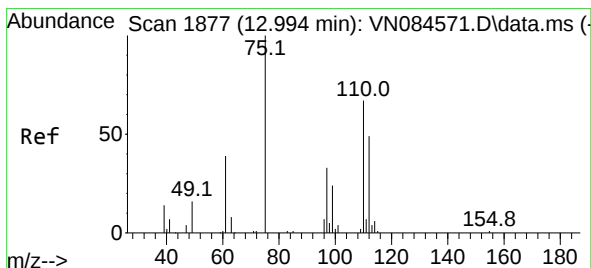
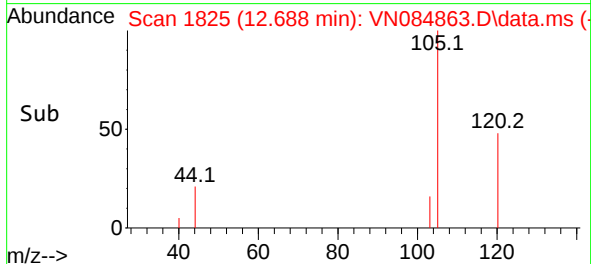
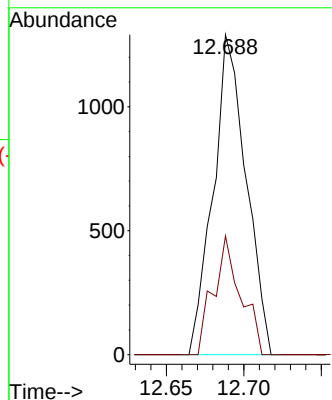
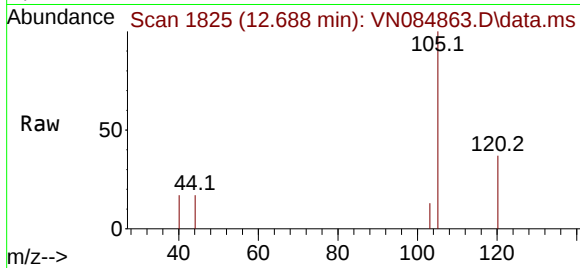




#73
Isopropylbenzene
Concen: 0.220 ug/l
RT: 12.688 min Scan# 1825
Delta R.T. -0.006 min
Lab File: VN084863.D
Acq: 14 Nov 2024 19:46

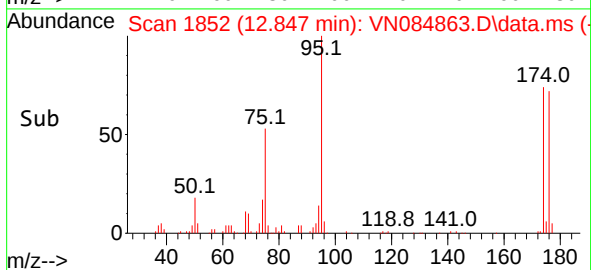
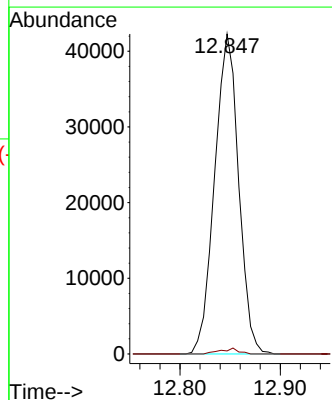
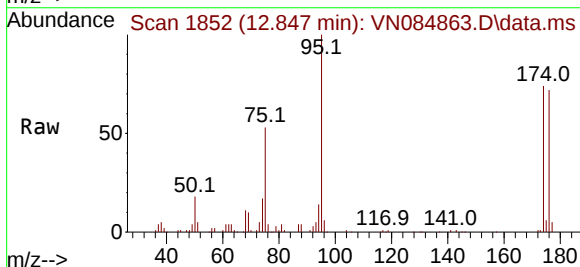
Instrument :
MSVOA_N
ClientSampleId :

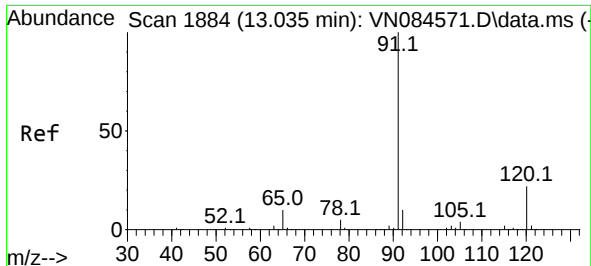
Tgt Ion:105 Resp: 1904
Ion Ratio Lower Upper
105 100
120 30.7 12.9 38.7



#76
1,2,3-Trichloropropane
Concen: 28.516 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084863.D
Acq: 14 Nov 2024 19:46

Tgt Ion: 75 Resp: 70274
Ion Ratio Lower Upper
75 100
77 1.4 96.9 290.7#

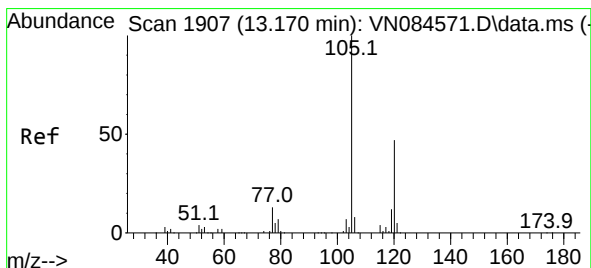
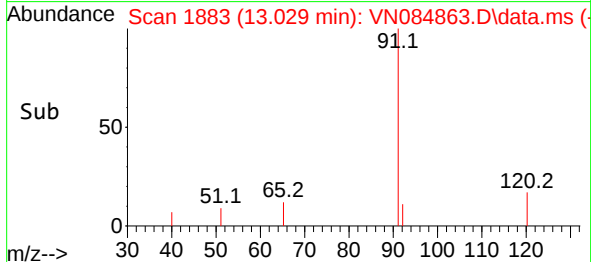
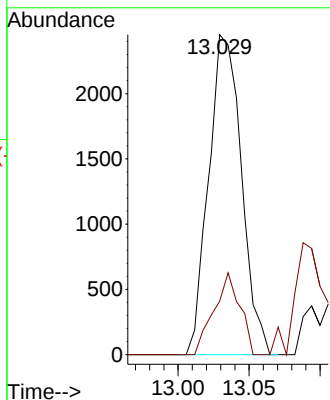
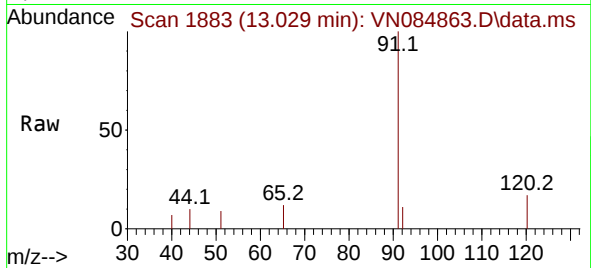




#78
n-propylbenzene
Concen: 0.389 ug/l
RT: 13.029 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN084863.D
Acq: 14 Nov 2024 19:46

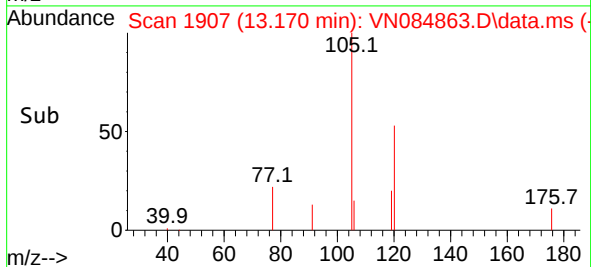
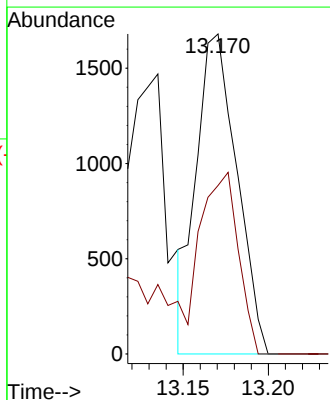
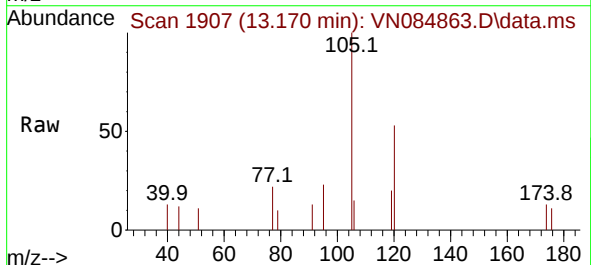
Instrument :
MSVOA_N
ClientSampleId :

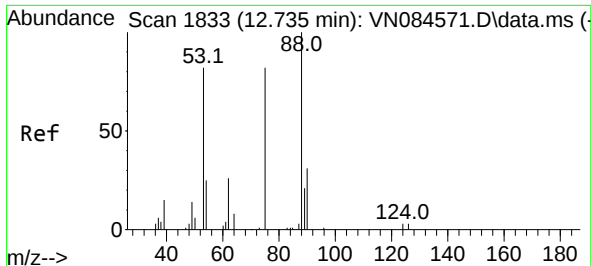
Tgt Ion: 91 Resp: 3937
Ion Ratio Lower Upper
91 100
120 20.2 10.8 32.4



#80
1,3,5-Trimethylbenzene
Concen: 0.388 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN084863.D
Acq: 14 Nov 2024 19:46

Tgt Ion: 105 Resp: 2778
Ion Ratio Lower Upper
105 100
120 51.9 23.7 71.1

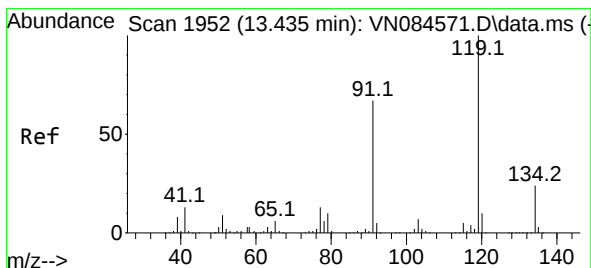
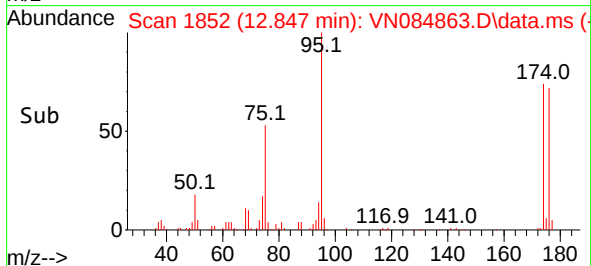
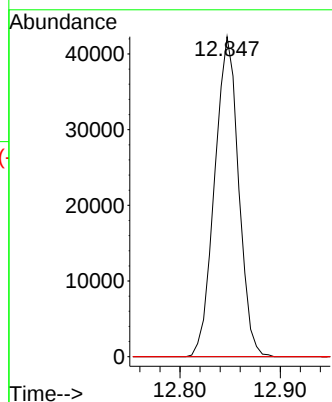
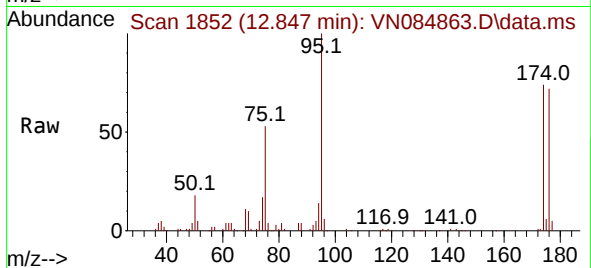




#81
trans-1,4-Dichloro-2-butene
Concen: 67.650 ug/l
RT: 12.847 min Scan# 1833
Delta R.T. 0.112 min
Lab File: VN084863.D
Acq: 14 Nov 2024 19:46

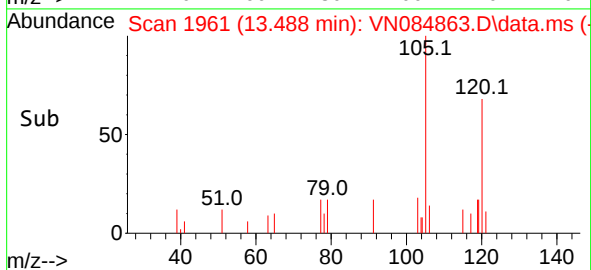
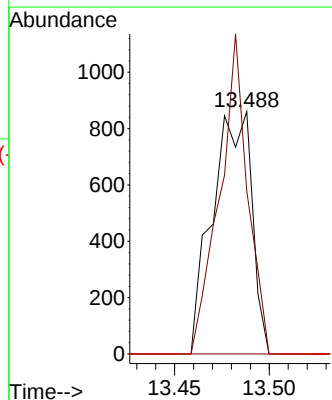
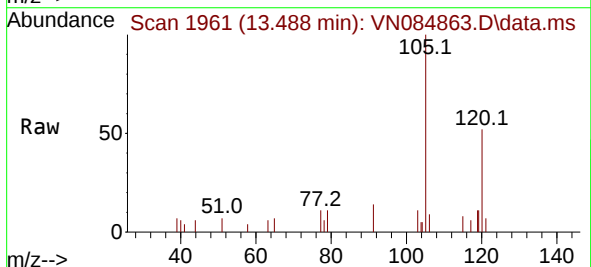
Instrument :
MSVOA_N
ClientSampleId :

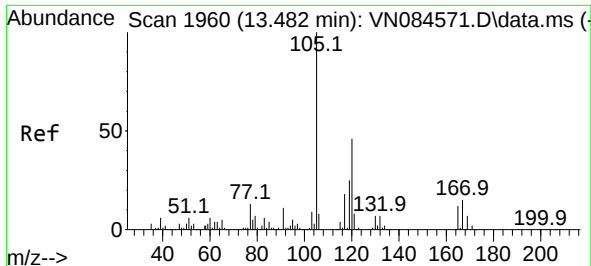
Tgt Ion: 75 Resp: 70274
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#



#83
tert-Butylbenzene
Concen: 0.211 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.053 min
Lab File: VN084863.D
Acq: 14 Nov 2024 19:46

Tgt Ion: 119 Resp: 1248
Ion Ratio Lower Upper
119 100
91 93.7 34.1 102.3
134 0.0 12.8 38.4#

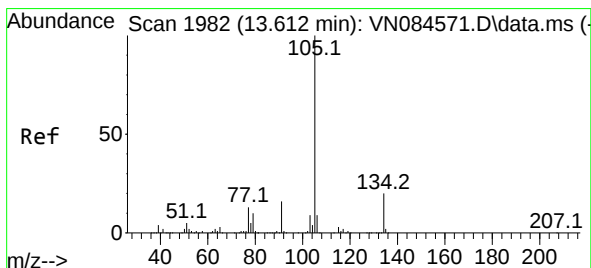
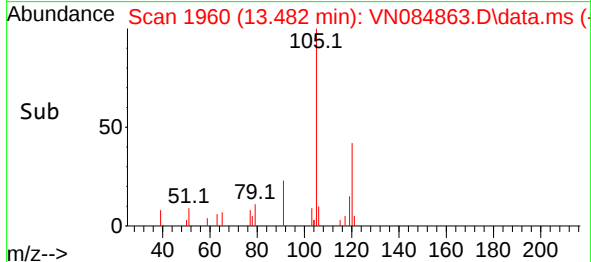
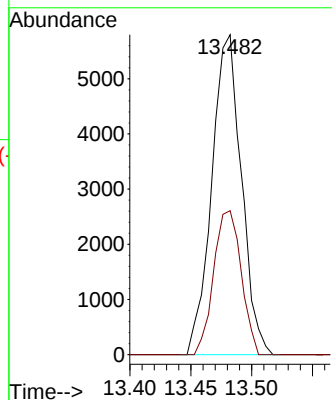
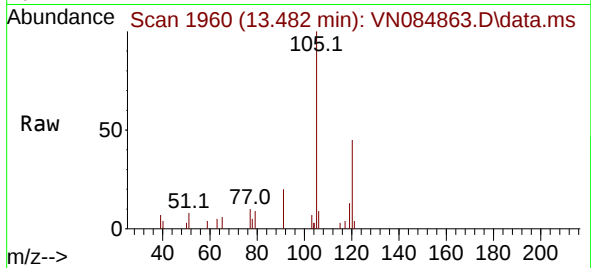




#84
1,2,4-Trimethylbenzene
Concen: 1.330 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084863.D
Acq: 14 Nov 2024 19:46

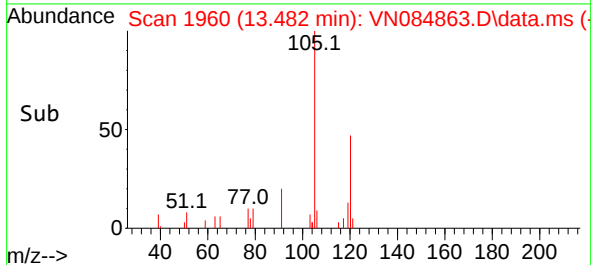
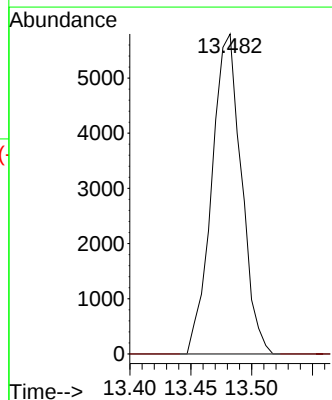
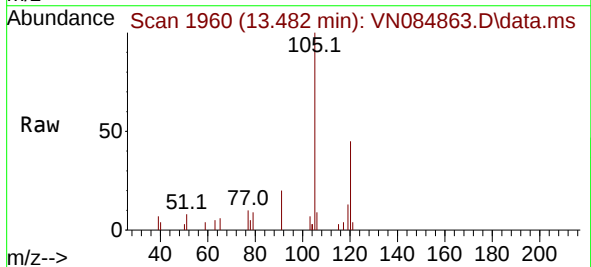
Instrument :
MSVOA_N
ClientSampleId :

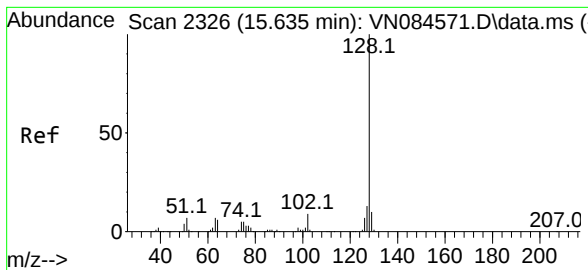
Tgt Ion:105 Resp: 9830
Ion Ratio Lower Upper
105 100
120 41.7 22.3 66.8



#85
sec-Butylbenzene
Concen: 1.174 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.135 min
Lab File: VN084863.D
Acq: 14 Nov 2024 19:46

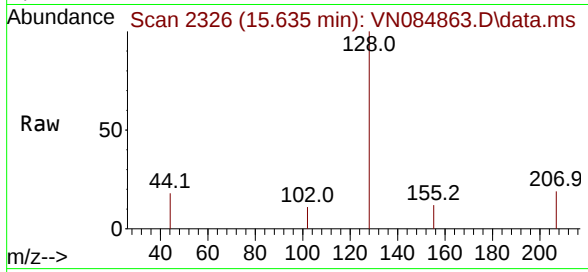
Tgt Ion:105 Resp: 9830
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.4#





#95
Naphthalene
Concen: 0.454 ug/l
RT: 15.635 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN084863.D
Acq: 14 Nov 2024 19:46

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 3240
Ion Ratio Lower Upper
128 100
127 5.1 10.5 15.7#
129 9.3 8.7 13.1

