

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110524\
 Data File : VN084684.D
 Acq On : 05 Nov 2024 13:47
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 06 00:30:17 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)

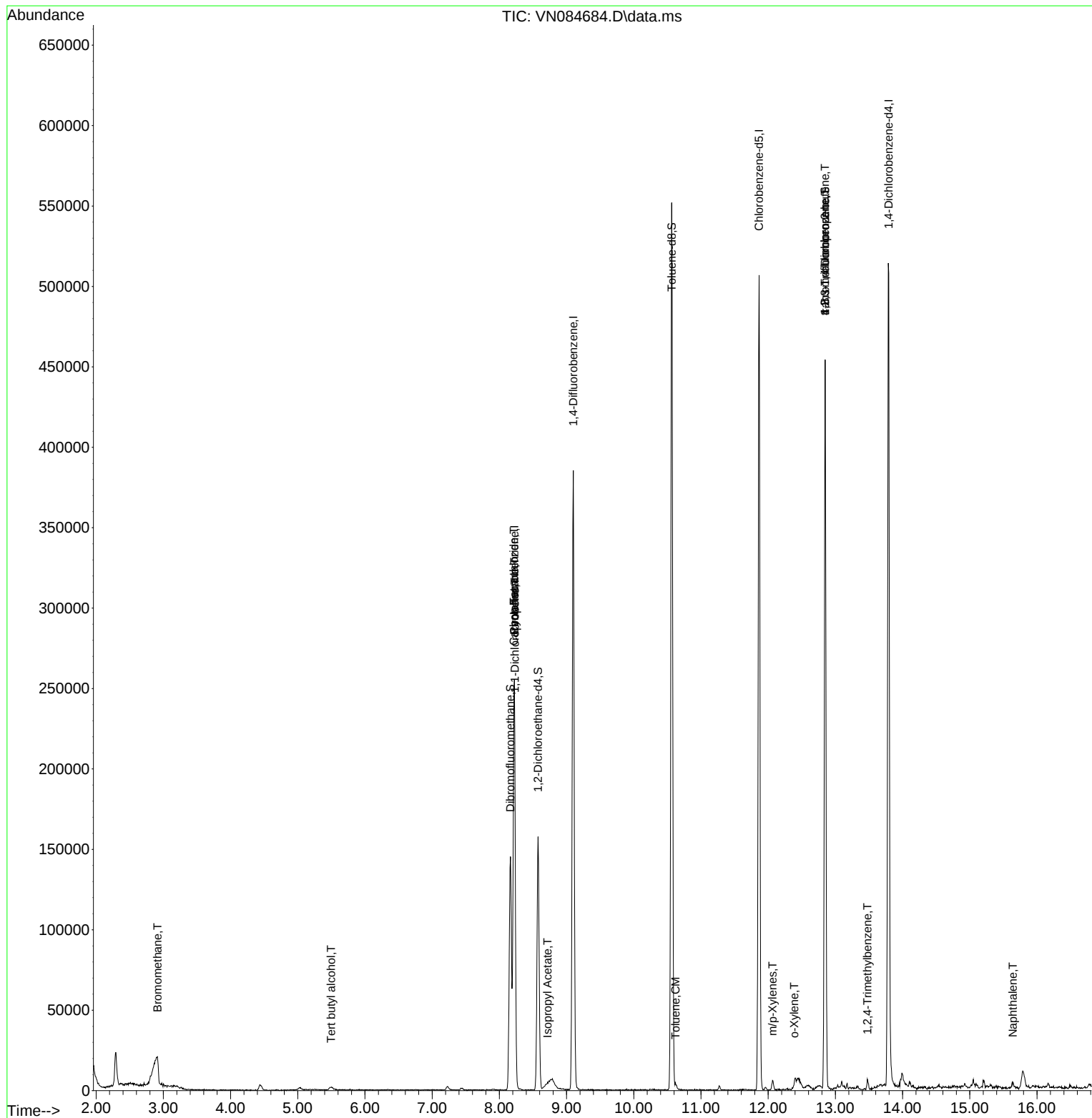
Internal Standards						
1) Pentafluorobenzene	8.224	168	186727	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	330478	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	291050	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	141825	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	128728	47.731	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.460%		
35) Dibromofluoromethane	8.165	113	105911	47.346	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.700%		
50) Toluene-d8	10.565	98	382587	46.430	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.860%		
62) 4-Bromofluorobenzene	12.847	95	156037	50.668	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	101.340%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	538	Below Cal	#	41
5) Bromomethane	2.912	94	430	0.352	ug/l #	4
6) Chloroethane	3.153	64	185	Below Cal	#	45
11) Tert butyl alcohol	5.494	59	1954	5.489	ug/l #	73
16) Acetone	4.424	43	74	Below Cal	#	44
18) Methyl Acetate	5.024	43	3131	Below Cal	#	90
31) Cyclohexane	8.224	56	4234	1.137	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	15286	4.927	ug/l #	52
38) Carbon Tetrachloride	8.218	117	19607	5.654	ug/l #	15
43) Isopropyl Acetate	8.718	43	6124	0.217	ug/l #	56
52) Toluene	10.624	92	1230	0.211	ug/l	88
68) m/p-Xylenes	12.065	106	1912	0.465	ug/l	88
69) o-Xylene	12.388	106	1153	0.300	ug/l	79
76) 1,2,3-Trichloropropane	12.847	75	79689	28.109	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	79689	66.685	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.476	105	3923	0.461	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	865	Below Cal	#	24
95) Naphthalene	15.641	128	4021	0.490	ug/l	100

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

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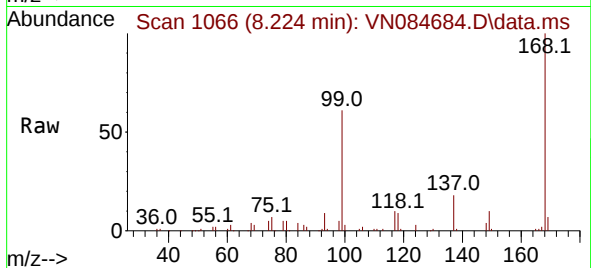
Quant Time: Nov 06 00:30:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 18:45:38 2024
Response via : Initial Calibration



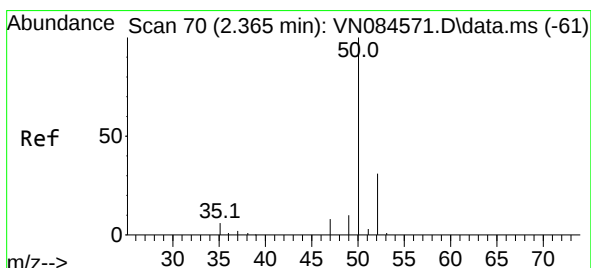
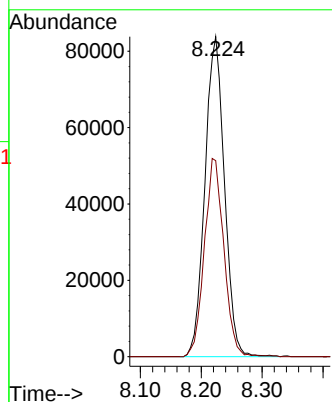
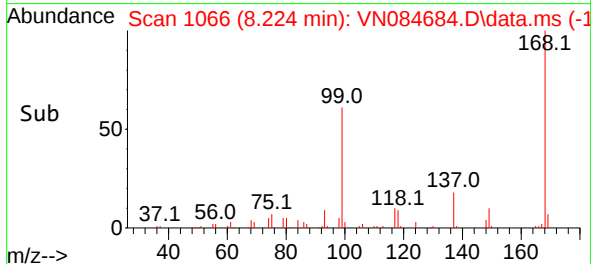


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN084684.D
Acq: 05 Nov 2024 13:47

Instrument :
MSVOA_N
ClientSampleId :

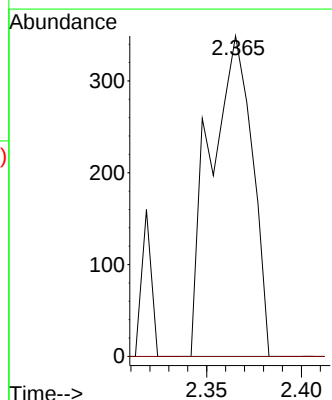
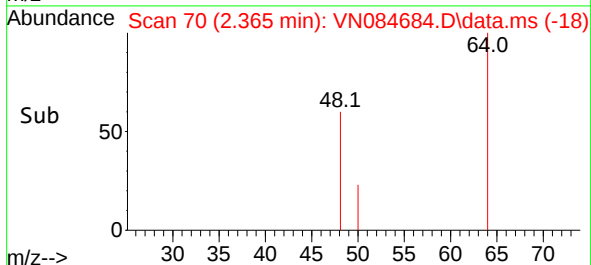
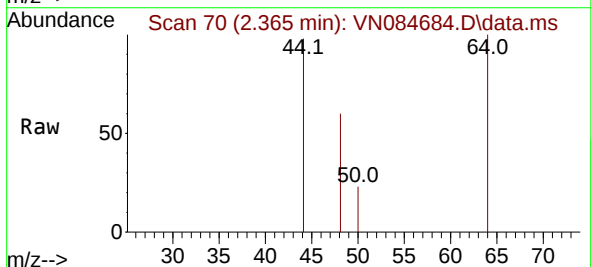


Tgt Ion:168 Resp: 186727
Ion Ratio Lower Upper
168 100
99 61.3 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084684.D
Acq: 05 Nov 2024 13:47

Tgt Ion: 50 Resp: 538
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

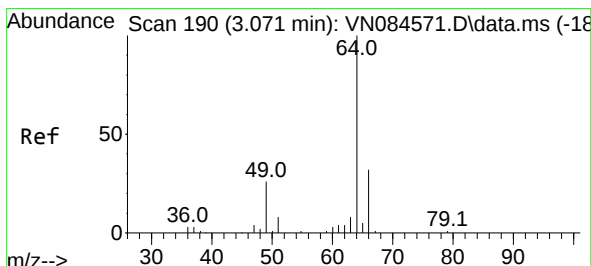
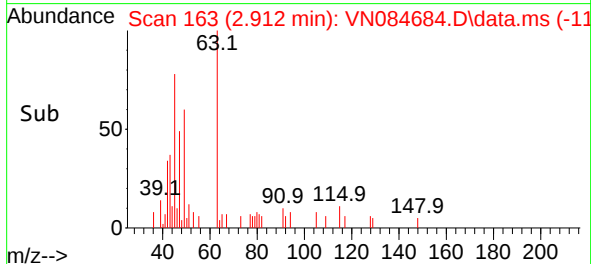
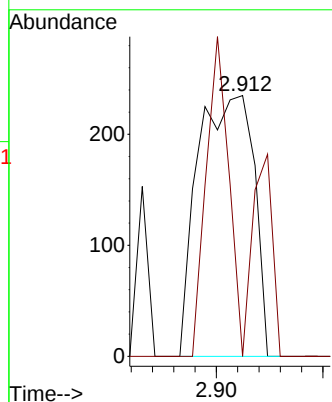
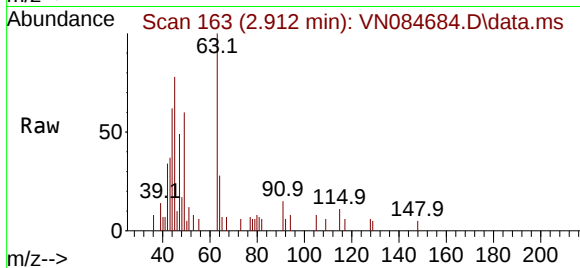




#5
Bromomethane
Concen: 0.352 ug/l
RT: 2.912 min Scan# 11
Delta R.T. -0.041 min
Lab File: VN084684.D
Acq: 05 Nov 2024 13:47

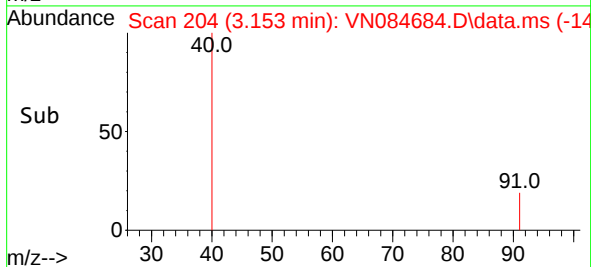
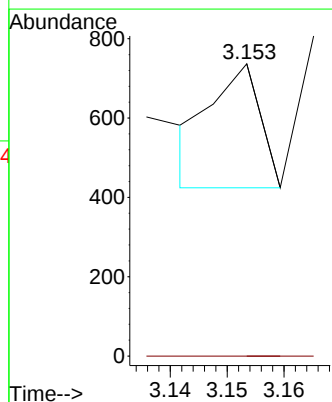
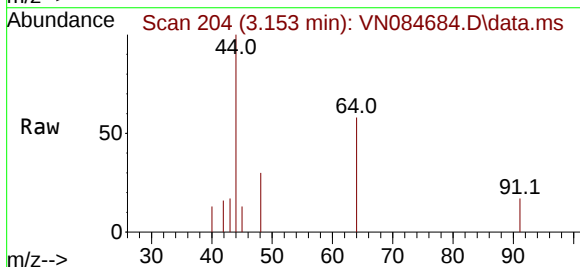
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 94 Resp: 430
Ion Ratio Lower Upper
94 100
96 0.0 72.9 109.3#



#6
Chloroethane
Concen: Below Cal
RT: 3.153 min Scan# 204
Delta R.T. 0.035 min
Lab File: VN084684.D
Acq: 05 Nov 2024 13:47

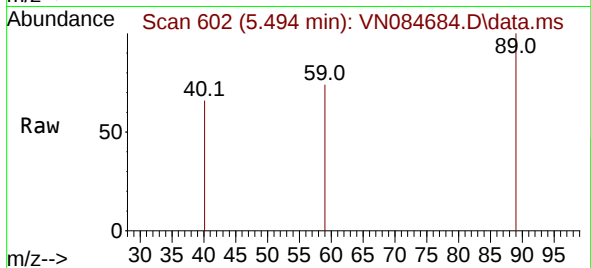
Tgt Ion: 64 Resp: 185
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



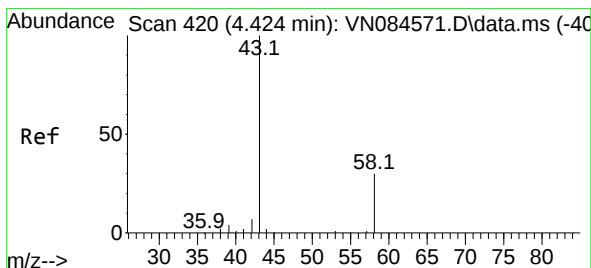
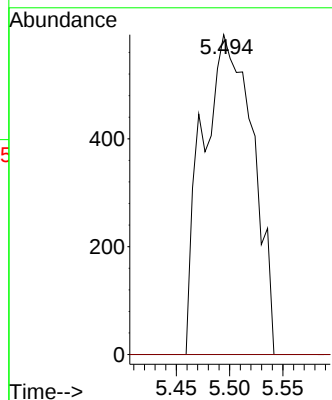
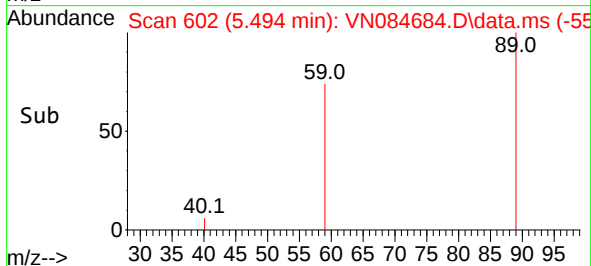


#11
Tert butyl alcohol
Concen: 5.489 ug/l
RT: 5.494 min Scan# 609
Delta R.T. -0.029 min
Lab File: VN084684.D
Acq: 05 Nov 2024 13:47

Instrument :
MSVOA_N
ClientSampleId :

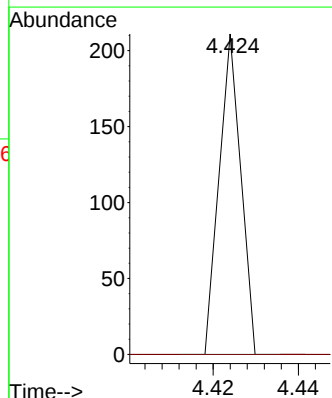
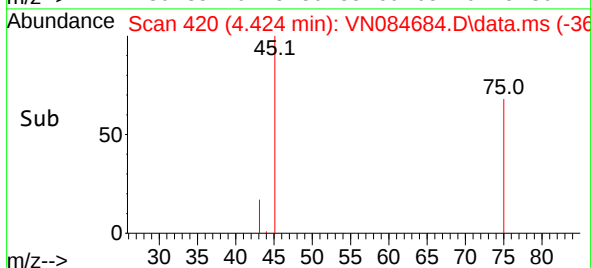
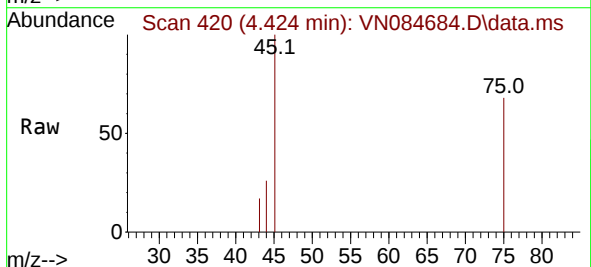


Tgt Ion: 59 Resp: 1954
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: Below Cal
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN084684.D
Acq: 05 Nov 2024 13:47

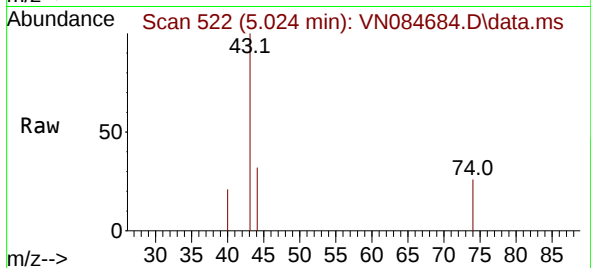
Tgt Ion: 43 Resp: 74
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#



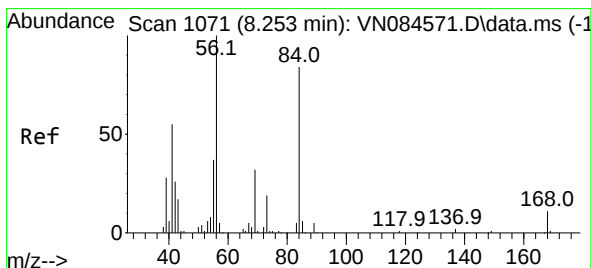
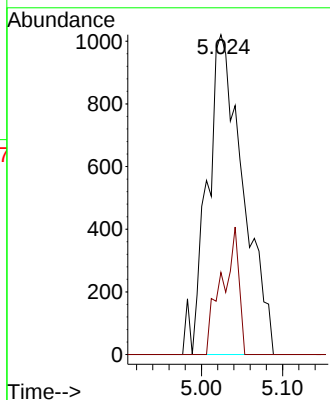
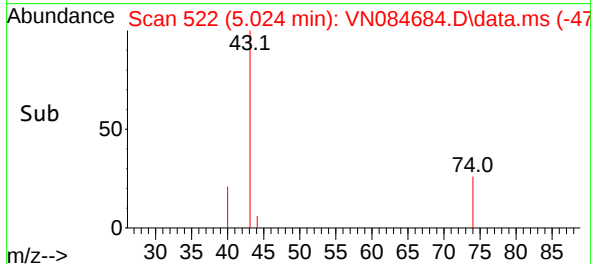


#18
Methyl Acetate
Concen: Below Cal
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN084684.D
Acq: 05 Nov 2024 13:47

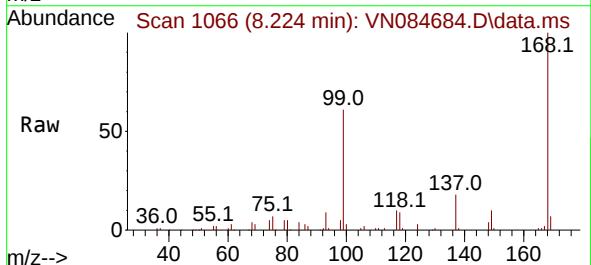
Instrument :
MSVOA_N
ClientSampleId :



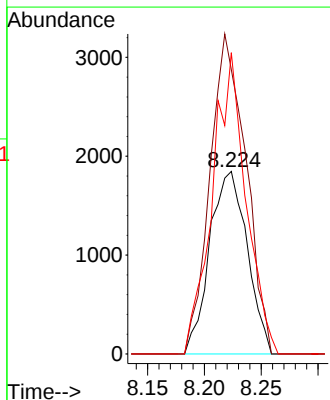
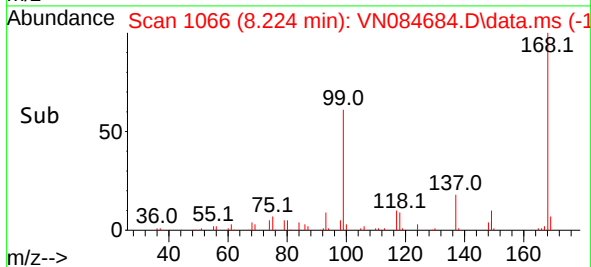
Tgt Ion: 43 Resp: 3131
Ion Ratio Lower Upper
43 100
74 19.0 19.2 28.8#

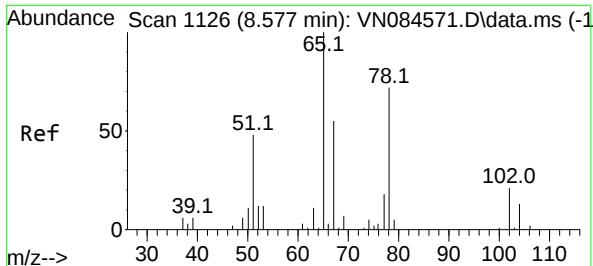


#31
Cyclohexane
Concen: 1.137 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084684.D
Acq: 05 Nov 2024 13:47



Tgt Ion: 56 Resp: 4234
Ion Ratio Lower Upper
56 100
69 155.8 23.8 35.6#
84 165.1 68.8 103.2#





#33

1,2-Dichloroethane-d4

Concen: 47.731 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN084684.D

Acq: 05 Nov 2024 13:47

Instrument :

MSVOA_N

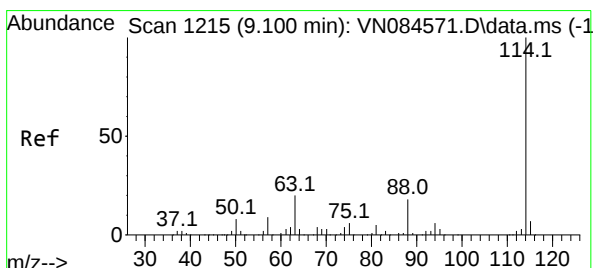
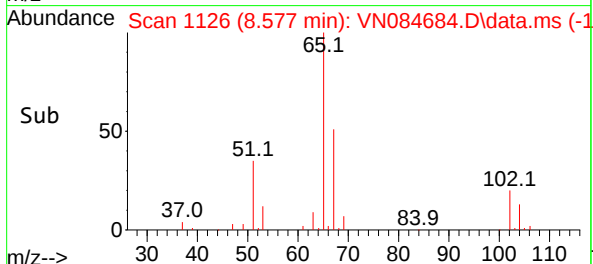
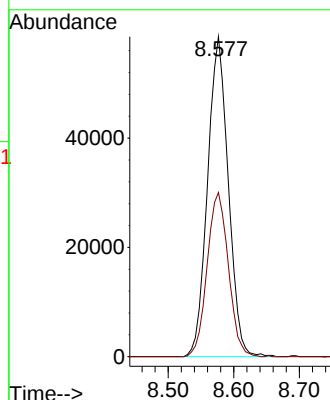
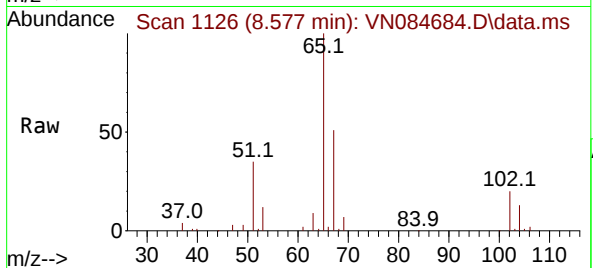
ClientSampleId :

Tgt Ion: 65 Resp: 128728

Ion Ratio Lower Upper

65 100

67 52.5 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN084684.D

Acq: 05 Nov 2024 13:47

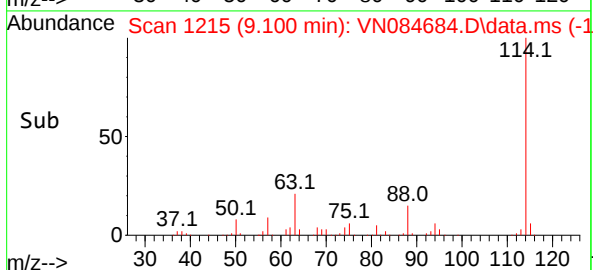
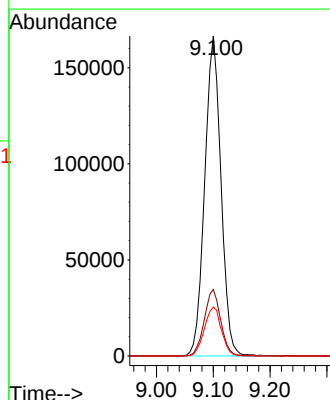
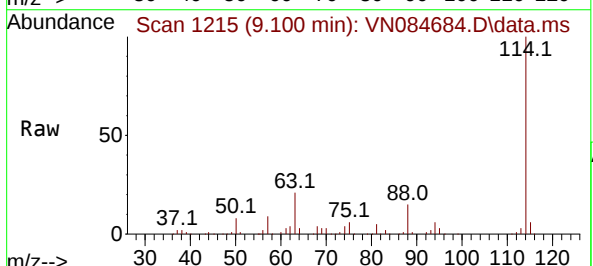
Tgt Ion: 114 Resp: 330478

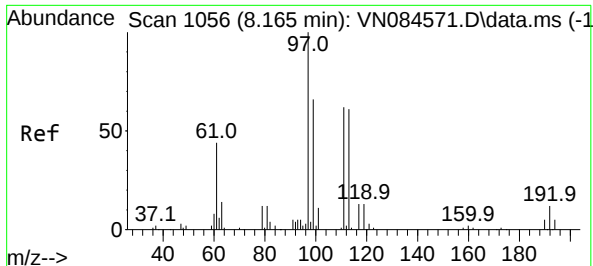
Ion Ratio Lower Upper

114 100

63 20.7 0.0 43.8

88 15.3 0.0 31.6





#35

Dibromofluoromethane

Concen: 47.346 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

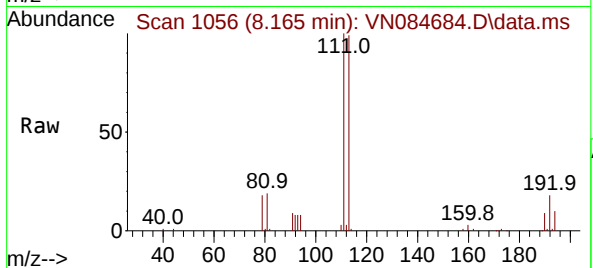
Lab File: VN084684.D

Acq: 05 Nov 2024 13:47

Instrument :

MSVOA_N

ClientSampleId :



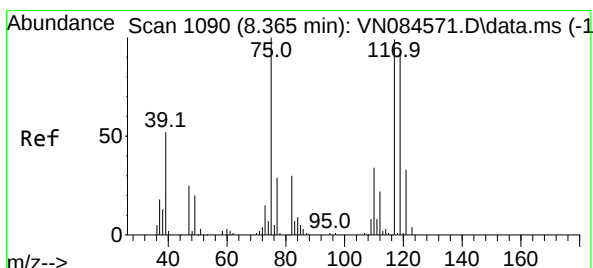
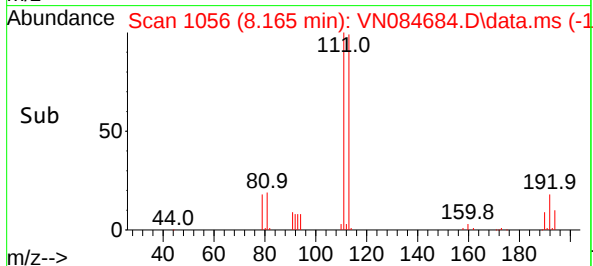
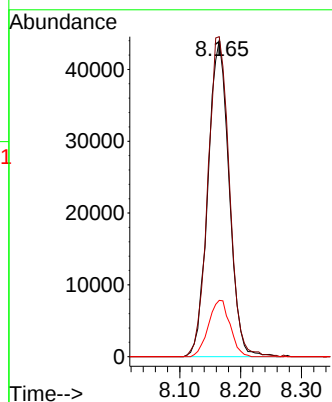
Tgt Ion:113 Resp: 105911

Ion Ratio Lower Upper

113 100

111 103.1 83.3 124.9

192 18.2 13.5 20.3



#36

1,1-Dichloropropene

Concen: 4.927 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN084684.D

Acq: 05 Nov 2024 13:47

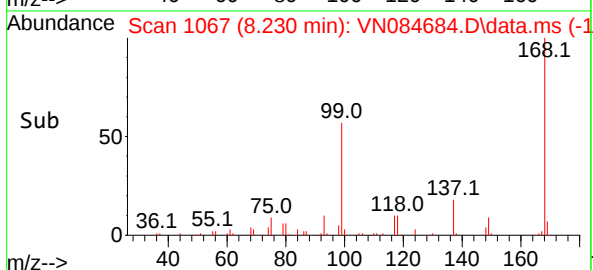
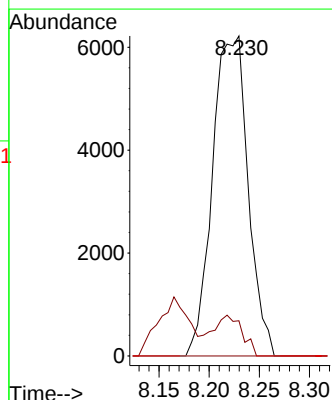
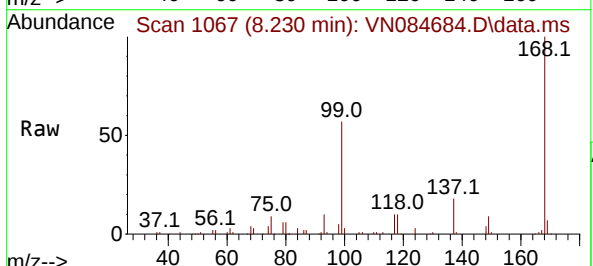
Tgt Ion: 75 Resp: 15286

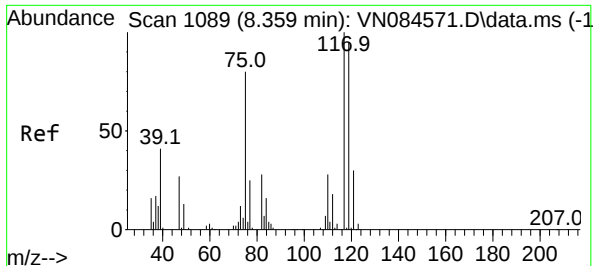
Ion Ratio Lower Upper

75 100

110 10.2 16.9 50.7#

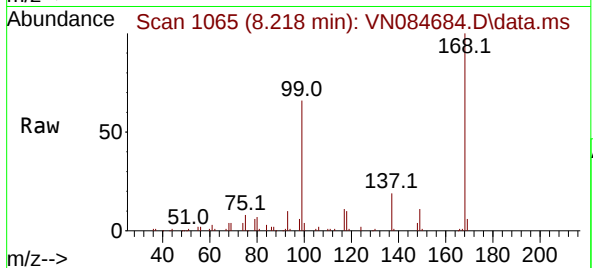
77 0.0 24.7 37.1#



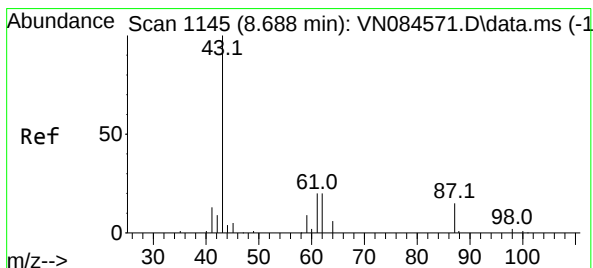
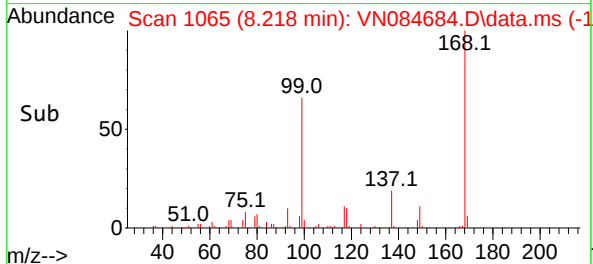
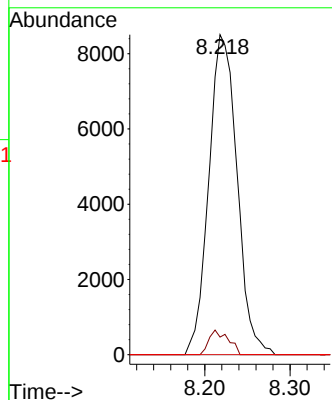


#38
Carbon Tetrachloride
Concen: 5.654 ug/l
RT: 8.218 min Scan# 1150
Delta R.T. -0.141 min
Lab File: VN084684.D
Acq: 05 Nov 2024 13:47

Instrument :
MSVOA_N
ClientSampleId :

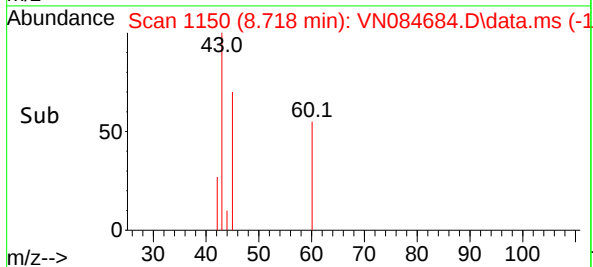
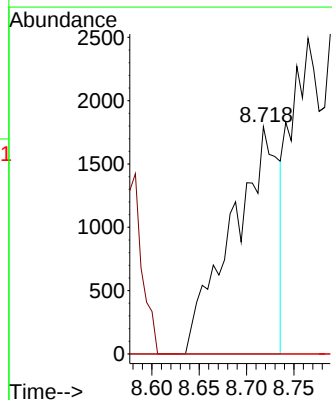
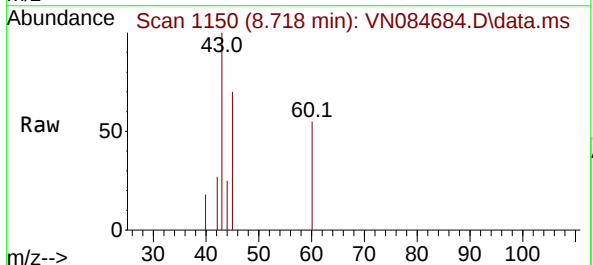


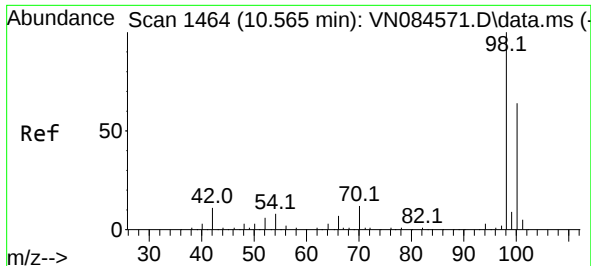
Tgt Ion:117 Resp: 19607
Ion Ratio Lower Upper
117 100
119 5.5 78.7 118.1#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 0.217 ug/l
RT: 8.718 min Scan# 1150
Delta R.T. 0.030 min
Lab File: VN084684.D
Acq: 05 Nov 2024 13:47

Tgt Ion: 43 Resp: 6124
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.3 15.5#

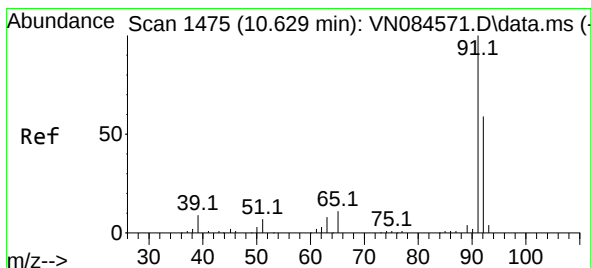
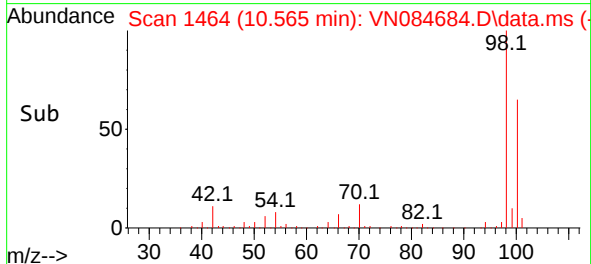
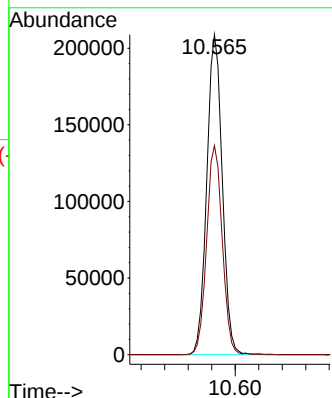
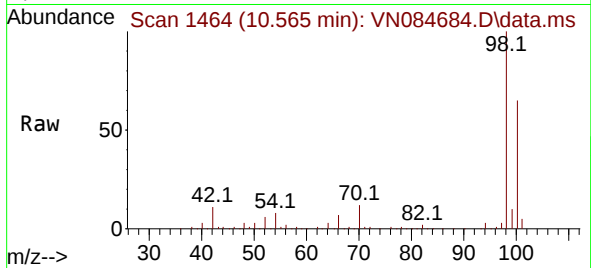




#50
Toluene-d8
Concen: 46.430 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084684.D
Acq: 05 Nov 2024 13:47

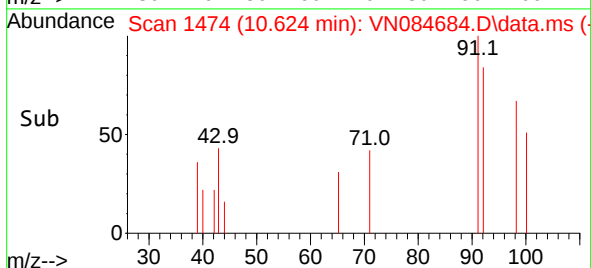
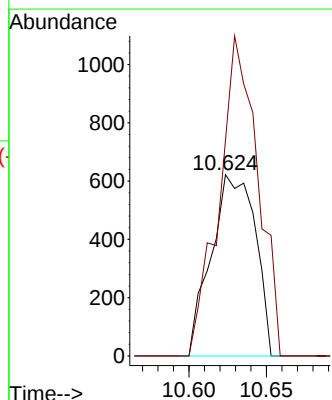
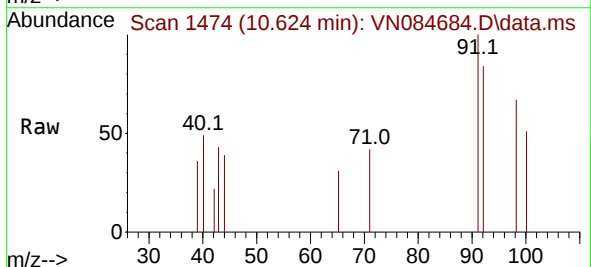
Instrument :
MSVOA_N
ClientSampleId :

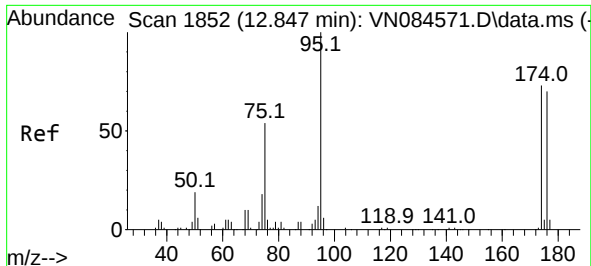
Tgt Ion: 98 Resp: 382587
Ion Ratio Lower Upper
98 100
100 65.9 52.7 79.1



#52
Toluene
Concen: 0.211 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN084684.D
Acq: 05 Nov 2024 13:47

Tgt Ion: 92 Resp: 1230
Ion Ratio Lower Upper
92 100
91 154.6 137.3 205.9





#62

4-Bromofluorobenzene

Concen: 50.668 ug/l

RT: 12.847 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084684.D

Acq: 05 Nov 2024 13:47

Instrument :

MSVOA_N

ClientSampleId :

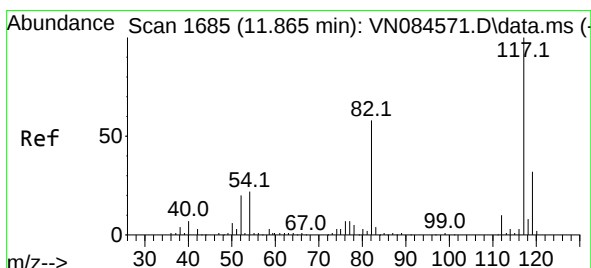
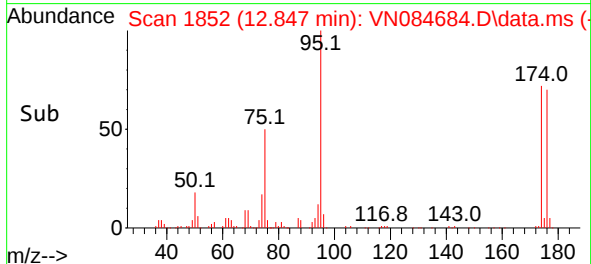
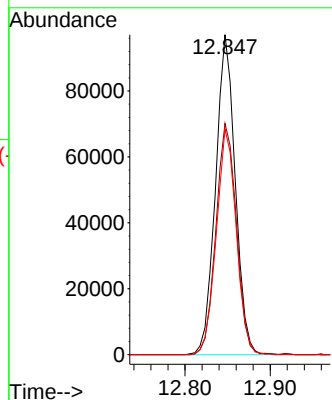
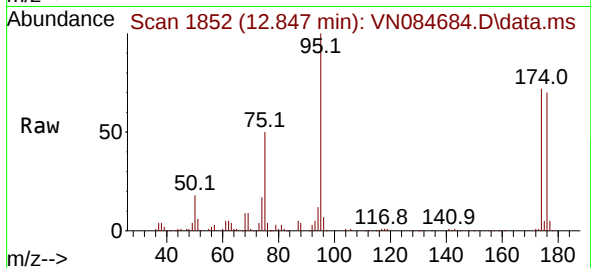
Tgt Ion: 95 Resp: 156037

Ion Ratio Lower Upper

95 100

174 75.1 0.0 145.2

176 71.2 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: VN084684.D

Acq: 05 Nov 2024 13:47

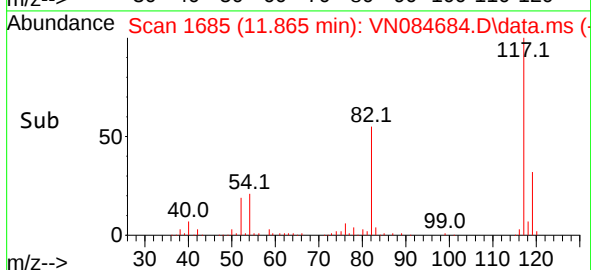
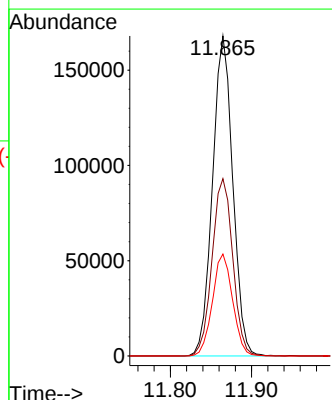
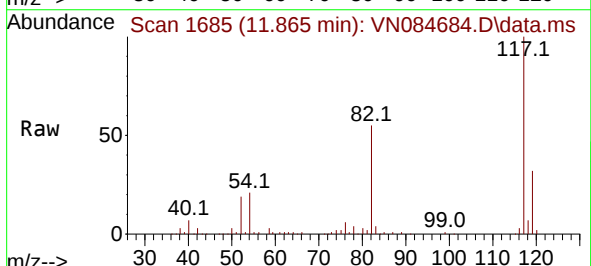
Tgt Ion: 117 Resp: 291050

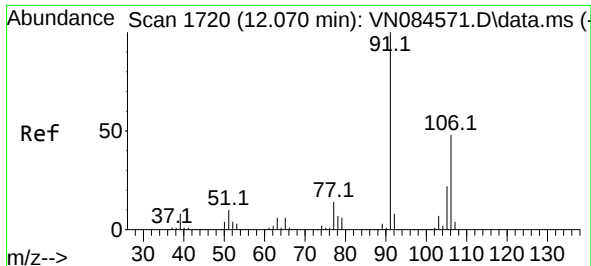
Ion Ratio Lower Upper

117 100

82 55.4 47.2 70.8

119 31.9 25.4 38.0

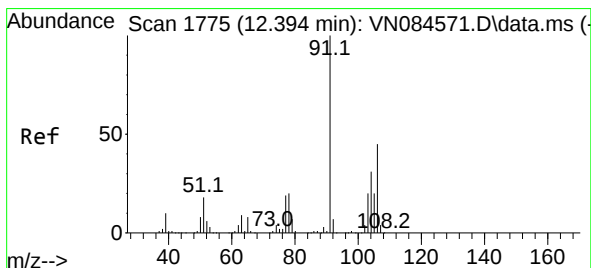
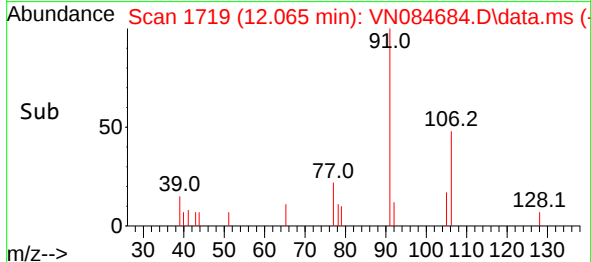
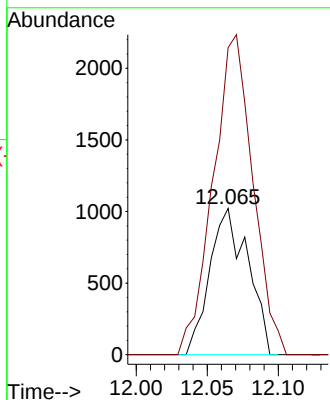
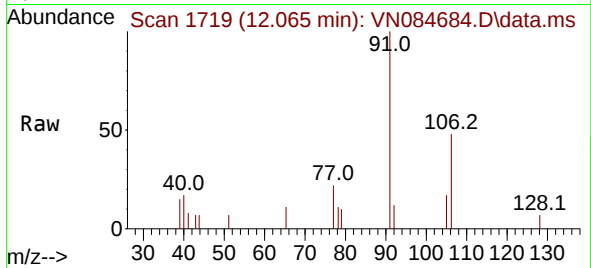




#68
m/p-Xylenes
Concen: 0.465 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN084684.D
Acq: 05 Nov 2024 13:47

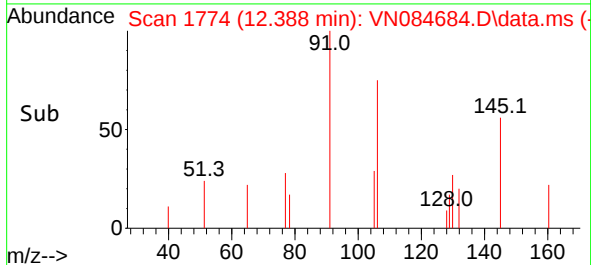
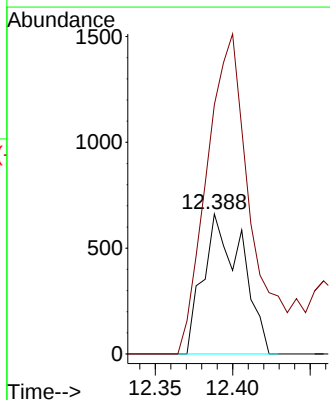
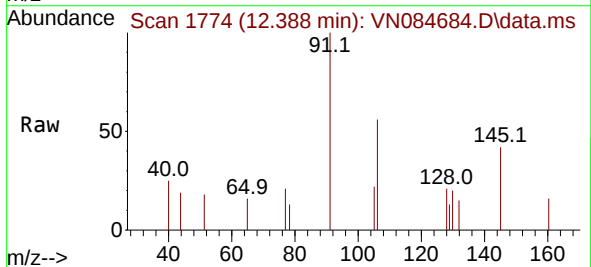
Instrument :
MSVOA_N
ClientSampleId :

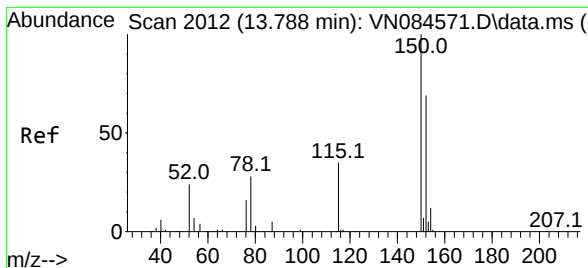
Tgt Ion:106 Resp: 1912
Ion Ratio Lower Upper
106 100
91 227.8 167.1 250.7



#69
o-Xylene
Concen: 0.300 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VN084684.D
Acq: 05 Nov 2024 13:47

Tgt Ion:106 Resp: 1153
Ion Ratio Lower Upper
106 100
91 254.2 110.2 330.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2012

Delta R.T. 0.006 min

Lab File: VN084684.D

Acq: 05 Nov 2024 13:47

Instrument :

MSVOA_N

ClientSampleId :

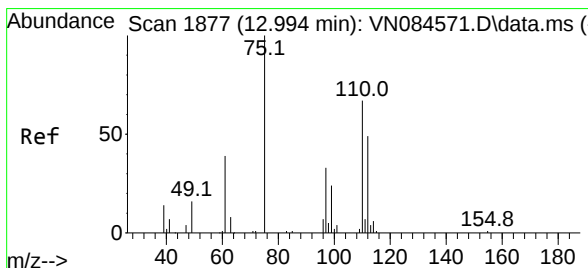
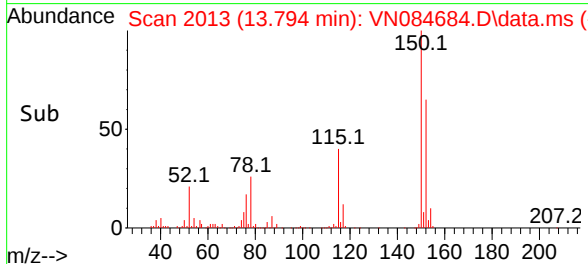
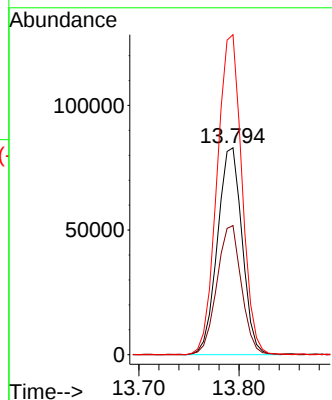
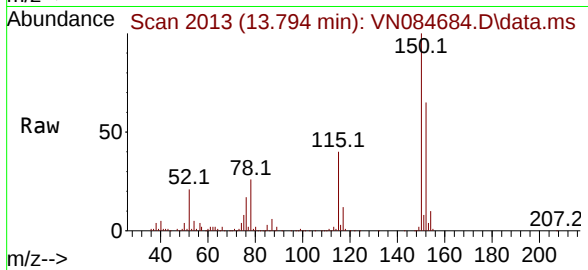
Tgt Ion:152 Resp: 141825

Ion Ratio Lower Upper

152 100

115 62.3 31.3 93.9

150 155.7 0.0 349.8



#76

1,2,3-Trichloropropane

Concen: 28.109 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VN084684.D

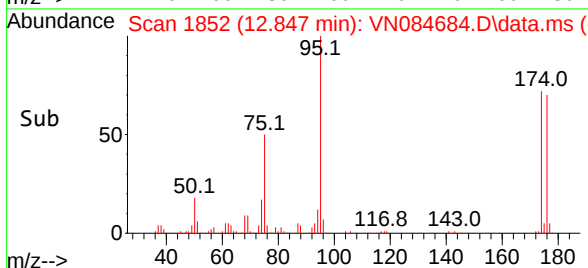
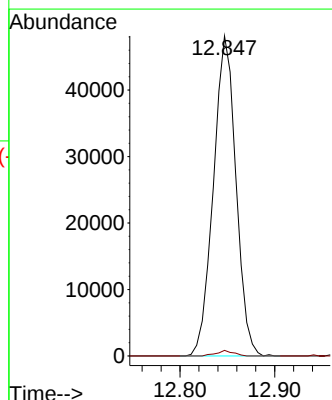
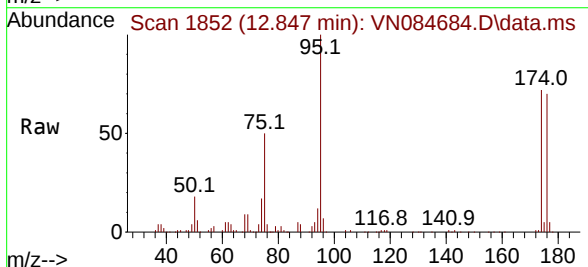
Acq: 05 Nov 2024 13:47

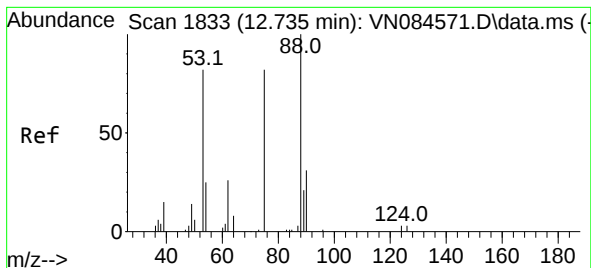
Tgt Ion: 75 Resp: 79689

Ion Ratio Lower Upper

75 100

77 1.3 96.9 290.7#

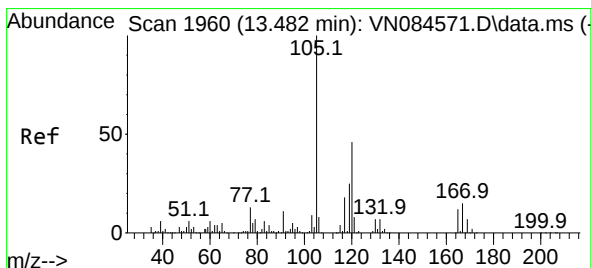
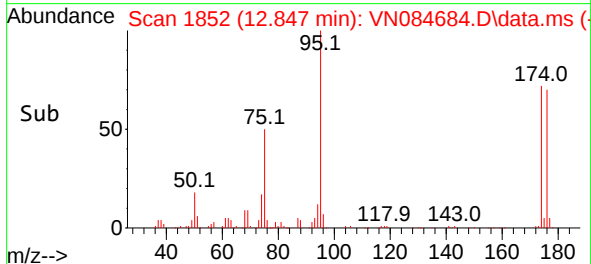
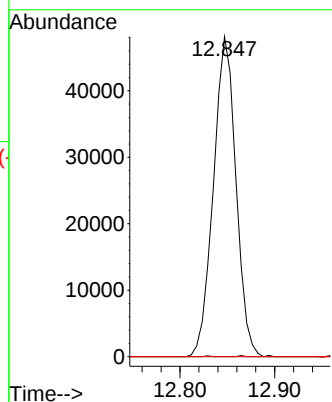
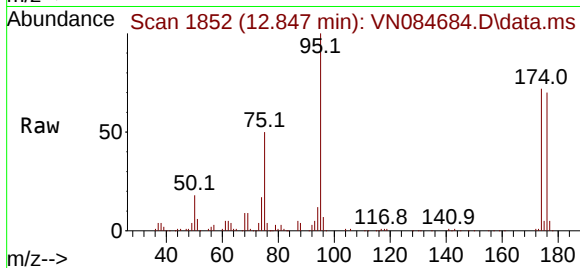




#81
trans-1,4-Dichloro-2-butene
Concen: 66.685 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084684.D
Acq: 05 Nov 2024 13:47

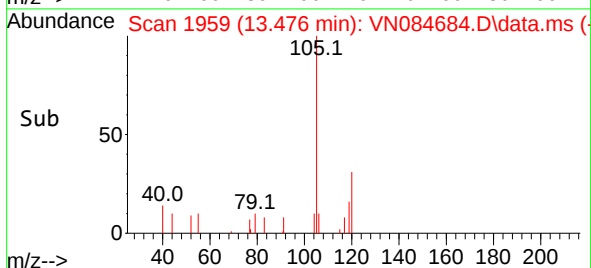
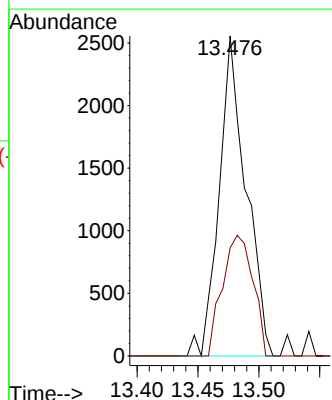
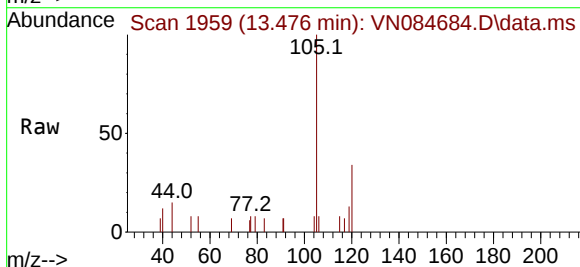
Instrument :
MSVOA_N
ClientSampleId :

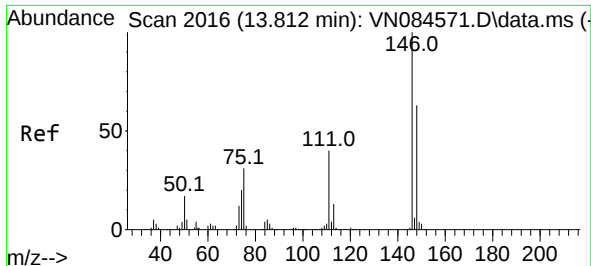
Tgt Ion: 75 Resp: 79689
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 35.5 53.3#



#84
1,2,4-Trimethylbenzene
Concen: 0.461 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VN084684.D
Acq: 05 Nov 2024 13:47

Tgt Ion:105 Resp: 3923
Ion Ratio Lower Upper
105 100
120 42.8 22.3 66.8

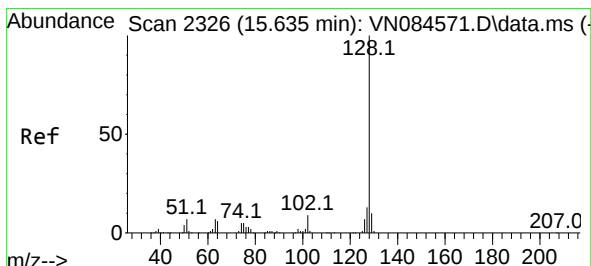
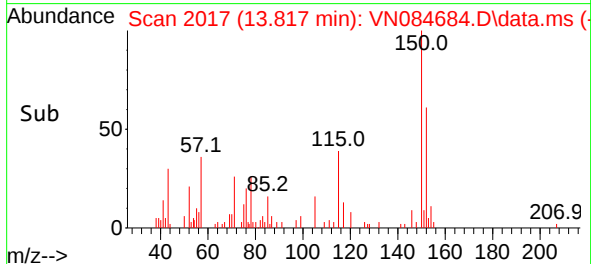
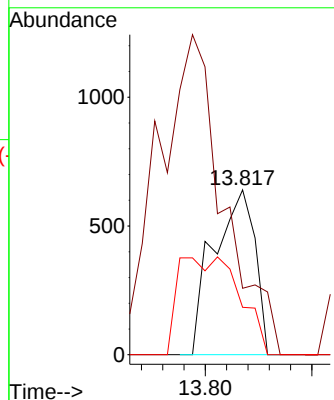
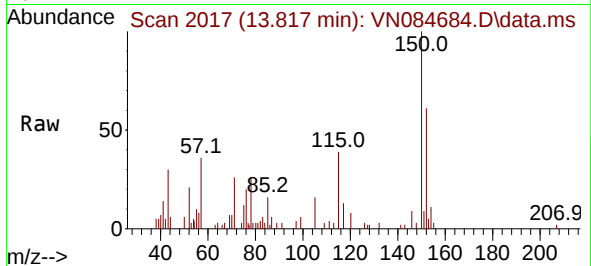




#88
1,4-Dichlorobenzene
Concen: Below Cal
RT: 13.817 min Scan# 2016
Delta R.T. 0.005 min
Lab File: VN084684.D
Acq: 05 Nov 2024 13:47

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:146 Resp: 865
Ion Ratio Lower Upper
146 100
111 0.0 21.2 63.6#
148 0.0 31.9 95.9#



#95
Naphthalene
Concen: 0.490 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN084684.D
Acq: 05 Nov 2024 13:47

Tgt Ion:128 Resp: 4021
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.9 8.7 13.1

