

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111324\
 Data File : VN084831.D
 Acq On : 13 Nov 2024 17:11
 Operator : JC\MD
 Sample : P4780-04RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 14 00:39:14 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)

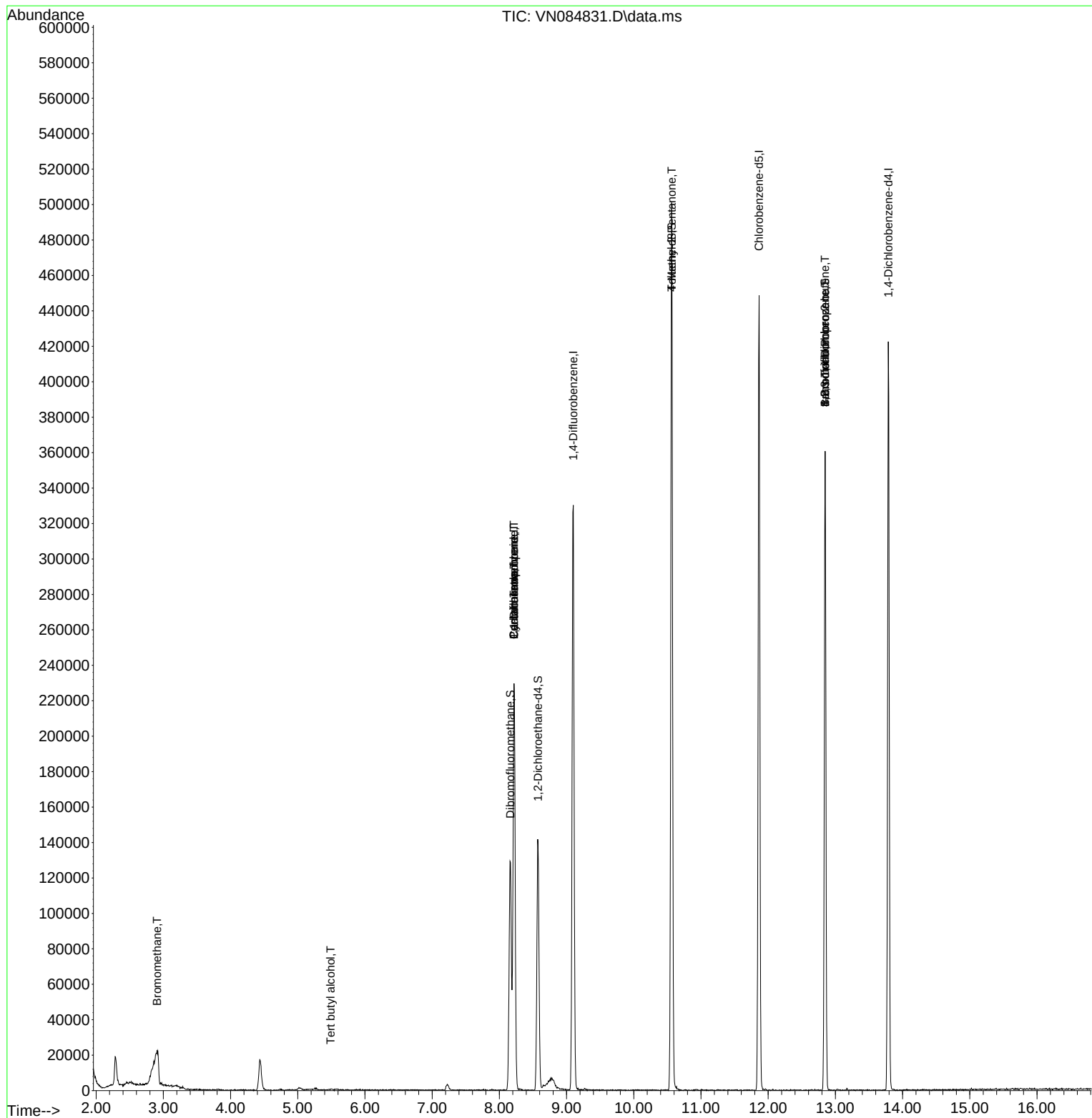
Internal Standards						
1) Pentafluorobenzene	8.218	168	166310	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	292444	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	256779	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	115326	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	118467	49.319	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.640%		
35) Dibromofluoromethane	8.165	113	95395	48.192	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.380%		
50) Toluene-d8	10.565	98	340825	46.741	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.480%		
62) 4-Bromofluorobenzene	12.847	95	124990	45.865	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	91.720%		
Target Compounds						Qvalue
3) Chloromethane	2.359	50	713	Below Cal		93
5) Bromomethane	2.906	94	297	0.273 ug/l #		4
6) Chloroethane	3.053	64	293	Below Cal #		45
11) Tert butyl alcohol	5.488	59	133	0.419 ug/l #		73
16) Acetone	4.430	43	855	Below Cal #		44
18) Methyl Acetate	5.024	43	2433	Below Cal #		67
31) Cyclohexane	8.218	56	3099	0.934 ug/l #		1
36) 1,1-Dichloropropene	8.218	75	13184	4.802 ug/l #		50
38) Carbon Tetrachloride	8.218	117	18032	5.876 ug/l #		15
43) Isopropyl Acetate	8.677	43	2643	Below Cal #		56
51) 4-Methyl-2-Pentanone	10.565	43	1587	0.668 ug/l #		1
71) Bromoform	12.847	173	695	0.462 ug/l #		1
76) 1,2,3-Trichloropropane	12.847	75	64349	27.913 ug/l #		1
81) trans-1,4-Dichloro-2-b...	12.847	75	64349	66.222 ug/l #		11
88) 1,4-Dichlorobenzene	13.817	146	54	Below Cal #		24

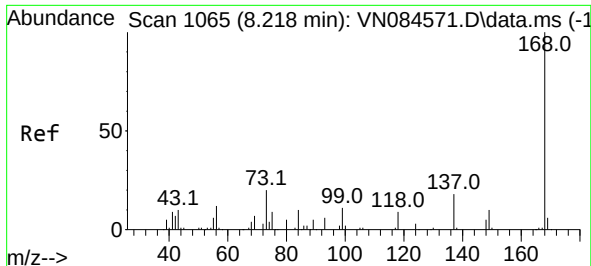
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111324\
Data File : VN084831.D
Acq On : 13 Nov 2024 17:11
Operator : JC\MD
Sample : P4780-04RE
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Nov 14 00:39:14 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

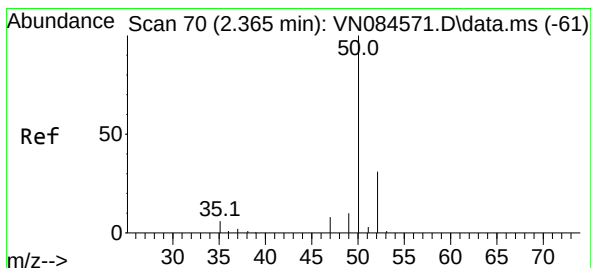
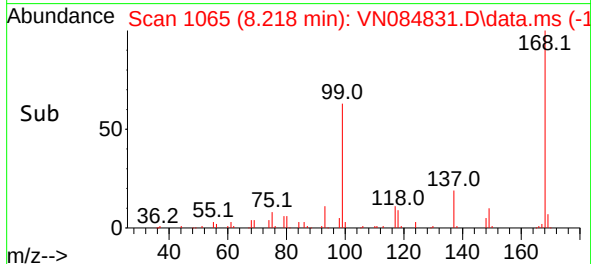
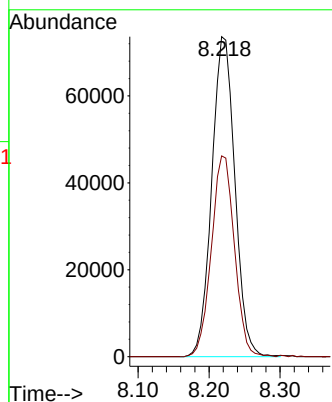
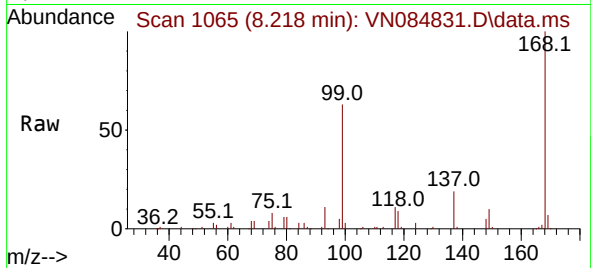




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084831.D
Acq: 13 Nov 2024 17:11

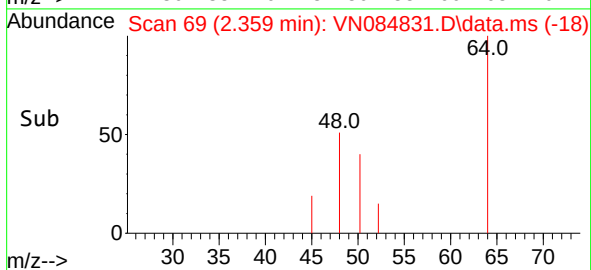
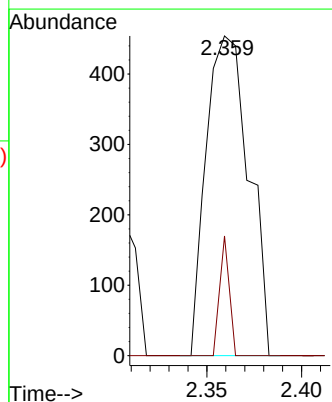
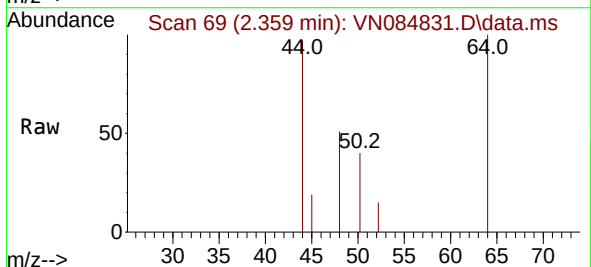
Instrument :
MSVOA_N
ClientSampleId :

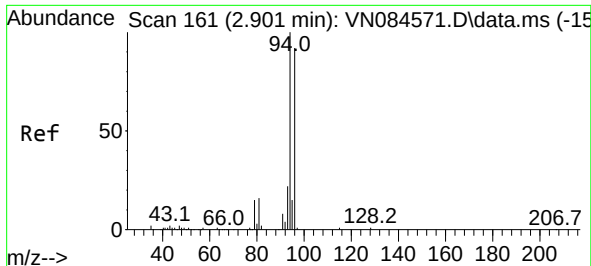
Tgt Ion:168 Resp: 166310
Ion Ratio Lower Upper
168 100
99 62.7 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084831.D
Acq: 13 Nov 2024 17:11

Tgt Ion: 50 Resp: 713
Ion Ratio Lower Upper
50 100
52 37.4 26.8 40.2

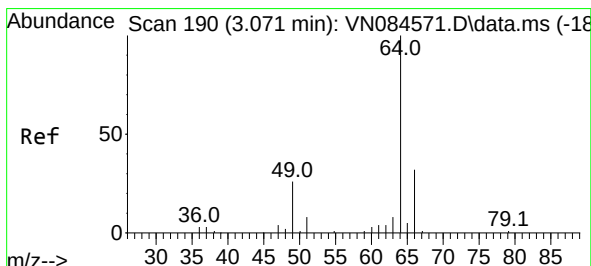
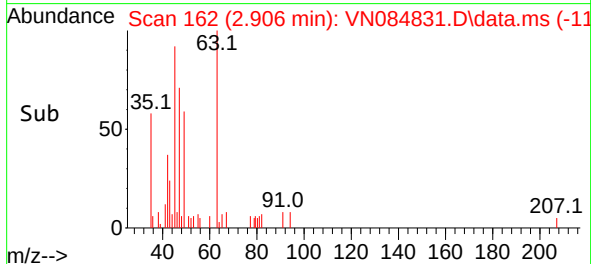
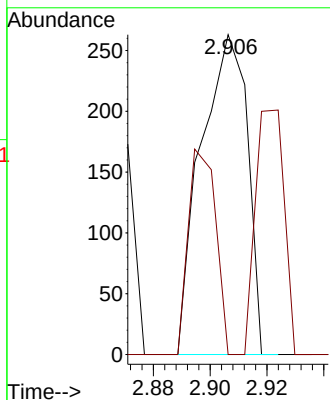
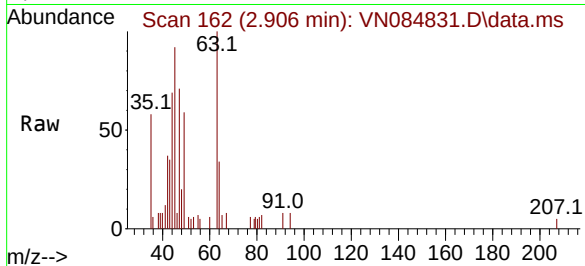




#5
Bromomethane
Concen: 0.273 ug/l
RT: 2.906 min Scan# 11
Delta R.T. -0.047 min
Lab File: VN084831.D
Acq: 13 Nov 2024 17:11

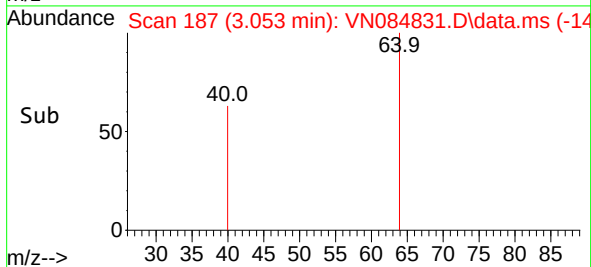
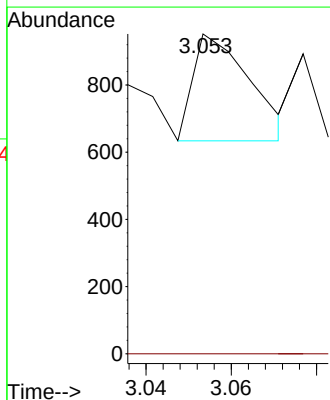
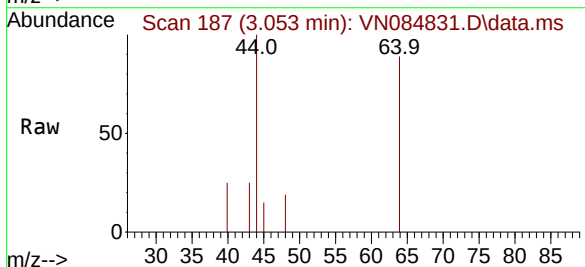
Instrument :
MSVOA_N
ClientSampleId :

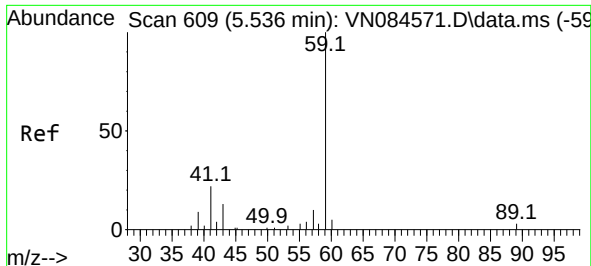
Tgt Ion: 94 Resp: 297
Ion Ratio Lower Upper
94 100
96 0.0 72.9 109.3#



#6
Chloroethane
Concen: Below Cal
RT: 3.053 min Scan# 187
Delta R.T. -0.065 min
Lab File: VN084831.D
Acq: 13 Nov 2024 17:11

Tgt Ion: 64 Resp: 293
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#

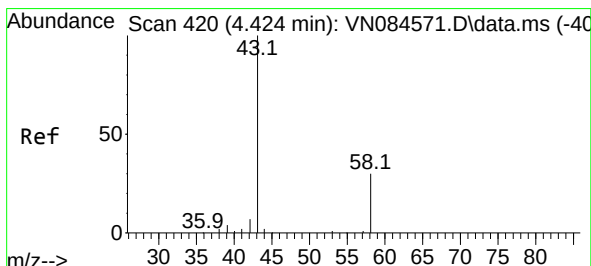
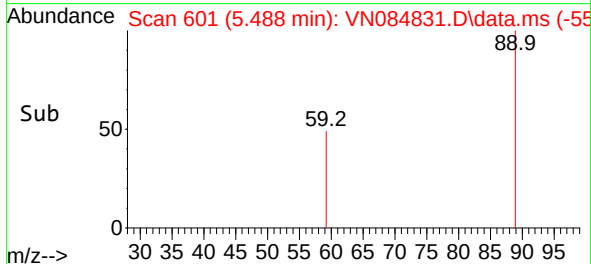
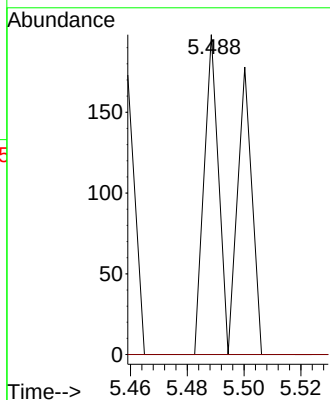
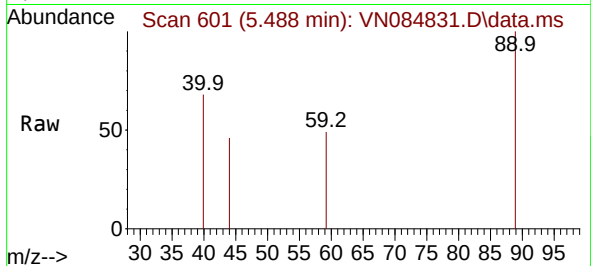




#11
Tert butyl alcohol
Concen: 0.419 ug/l
RT: 5.488 min Scan# 609
Delta R.T. -0.035 min
Lab File: VN084831.D
Acq: 13 Nov 2024 17:11

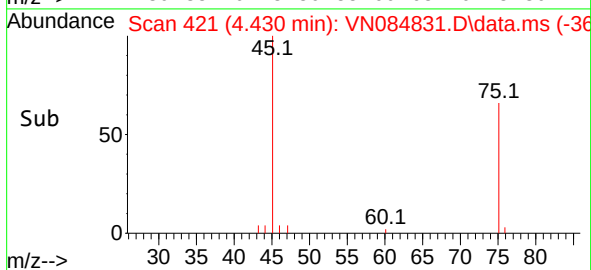
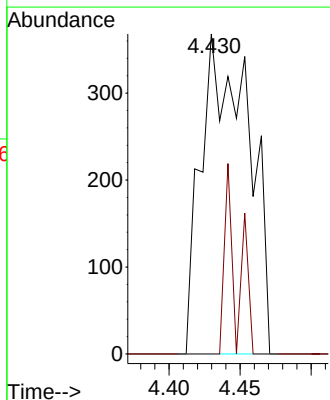
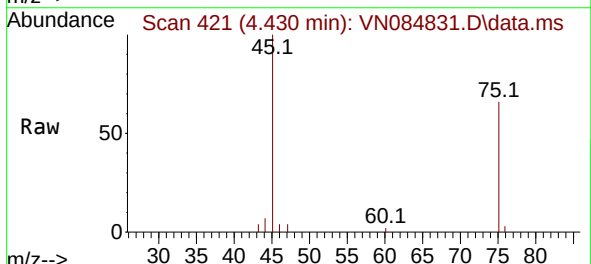
Instrument :
MSVOA_N
ClientSampleId :

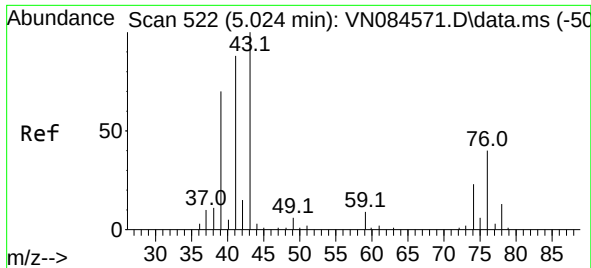
Tgt Ion: 59 Resp: 133
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: Below Cal
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN084831.D
Acq: 13 Nov 2024 17:11

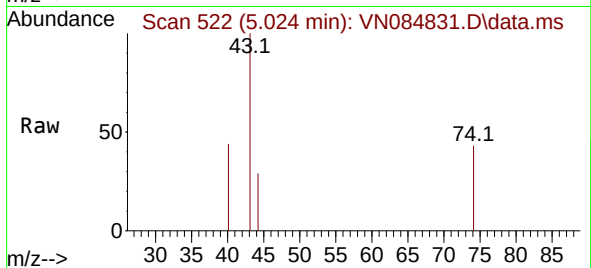
Tgt Ion: 43 Resp: 855
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#



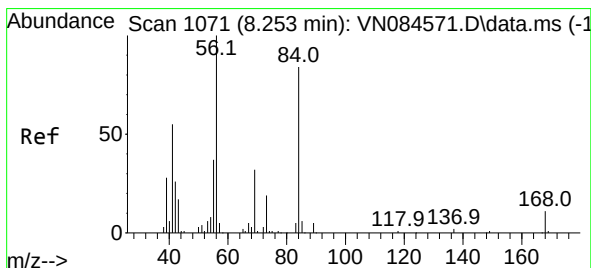
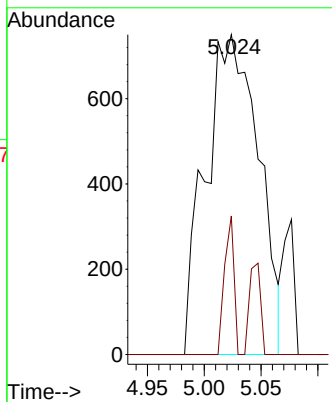
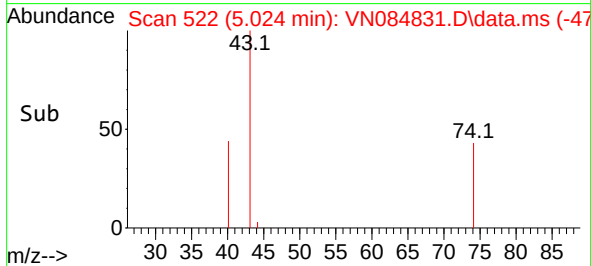


#18
Methyl Acetate
Concen: Below Cal
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN084831.D
Acq: 13 Nov 2024 17:11

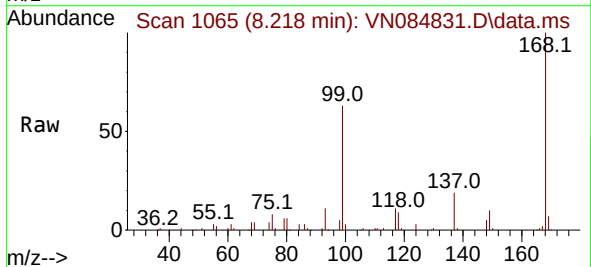
Instrument :
MSVOA_N
ClientSampleId :



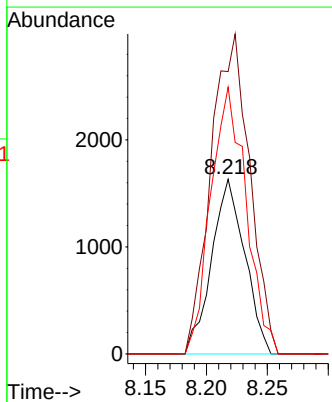
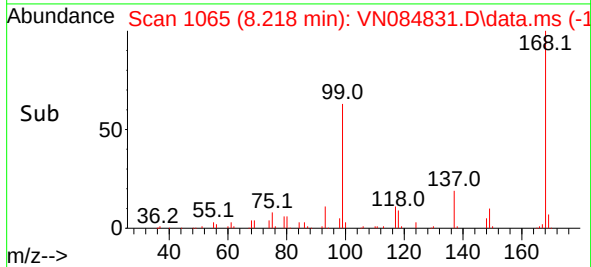
Tgt Ion: 43 Resp: 2433
Ion Ratio Lower Upper
43 100
74 7.8 19.2 28.8#

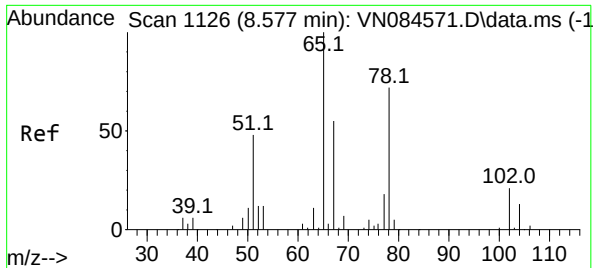


#31
Cyclohexane
Concen: 0.934 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN084831.D
Acq: 13 Nov 2024 17:11



Tgt Ion: 56 Resp: 3099
Ion Ratio Lower Upper
56 100
69 161.6 23.8 35.6#
84 152.7 68.8 103.2#





#33

1,2-Dichloroethane-d4

Concen: 49.319 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN084831.D

Acq: 13 Nov 2024 17:11

Instrument :

MSVOA_N

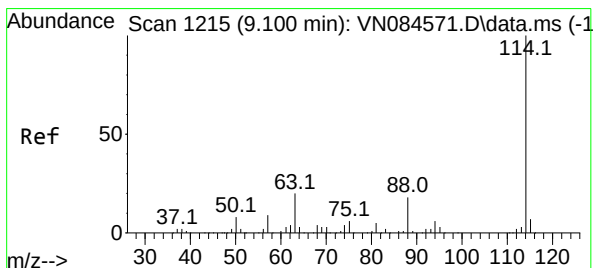
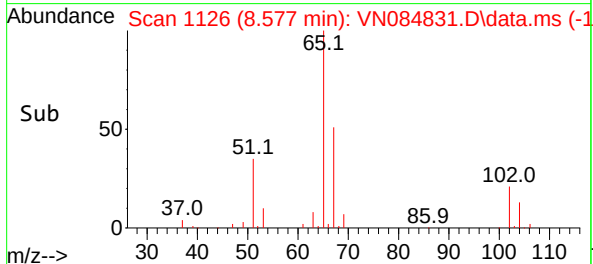
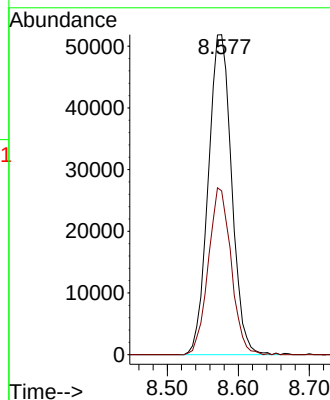
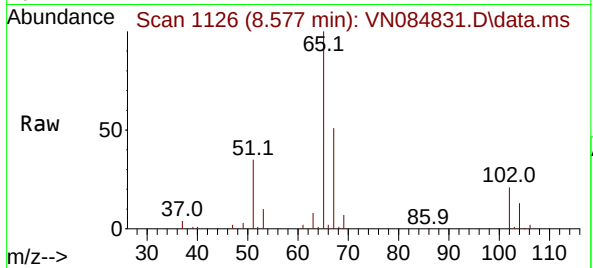
ClientSampleId :

Tgt Ion: 65 Resp: 118467

Ion Ratio Lower Upper

65 100

67 51.0 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: VN084831.D

Acq: 13 Nov 2024 17:11

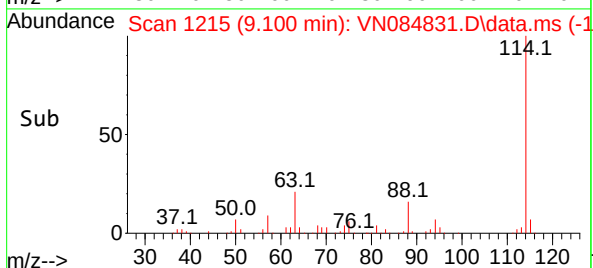
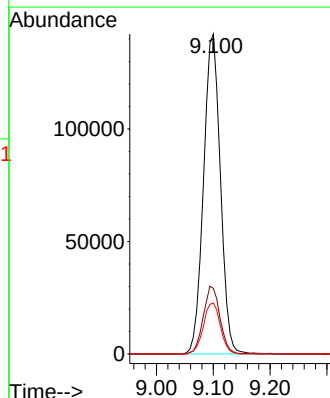
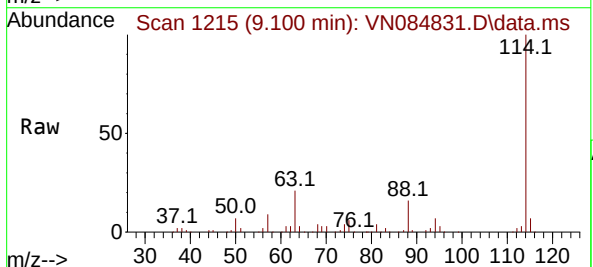
Tgt Ion: 114 Resp: 292444

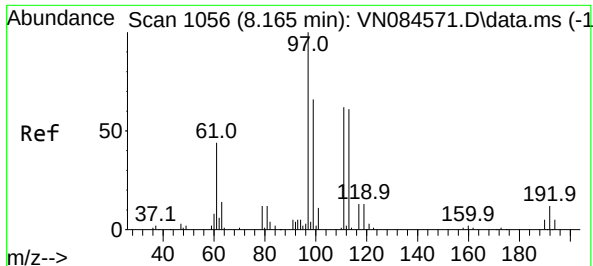
Ion Ratio Lower Upper

114 100

63 20.5 0.0 43.8

88 16.0 0.0 31.6





#35

Dibromofluoromethane

Concen: 48.192 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

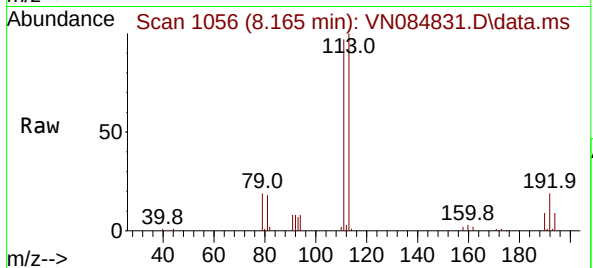
Lab File: VN084831.D

Acq: 13 Nov 2024 17:11

Instrument :

MSVOA_N

ClientSampleId :



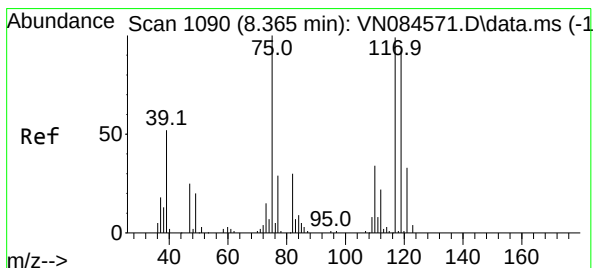
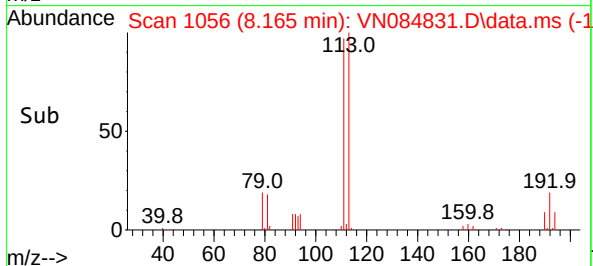
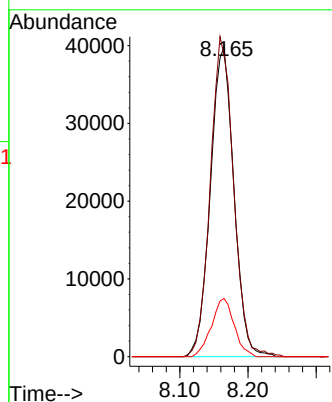
Tgt Ion:113 Resp: 95395

Ion Ratio Lower Upper

113 100

111 102.4 83.3 124.9

192 18.2 13.5 20.3



#36

1,1-Dichloropropene

Concen: 4.802 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN084831.D

Acq: 13 Nov 2024 17:11

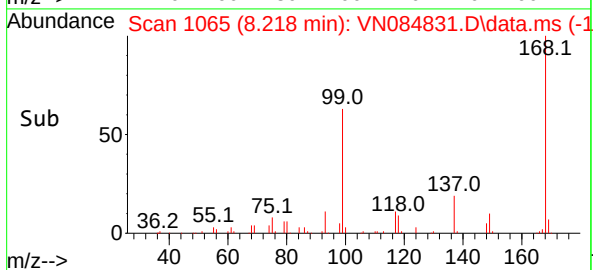
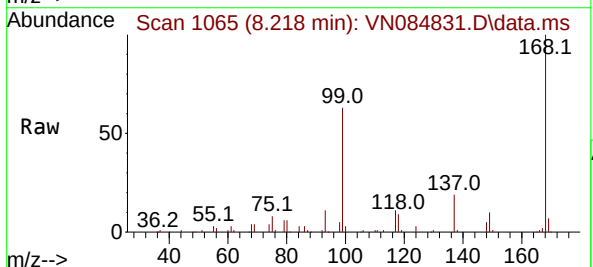
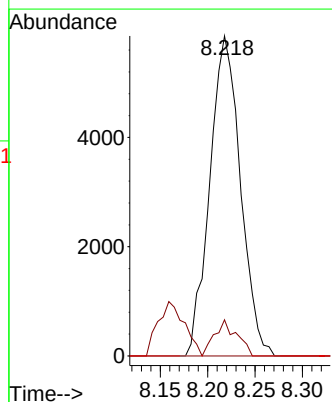
Tgt Ion: 75 Resp: 13184

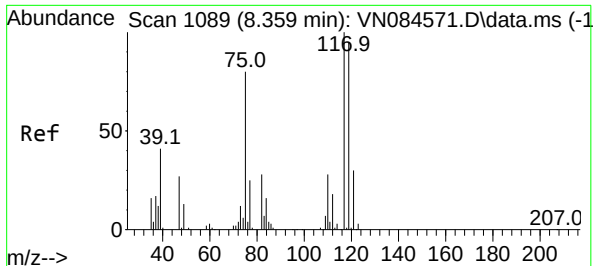
Ion Ratio Lower Upper

75 100

110 8.1 16.9 50.7#

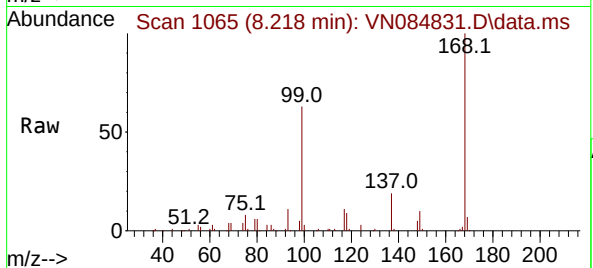
77 0.0 24.7 37.1#



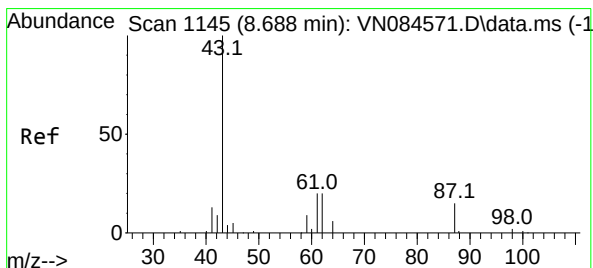
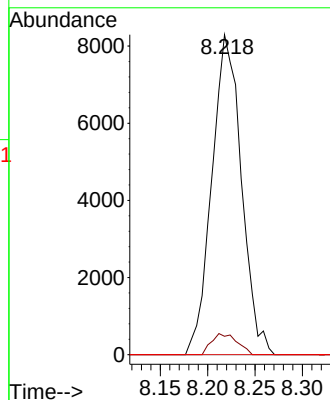
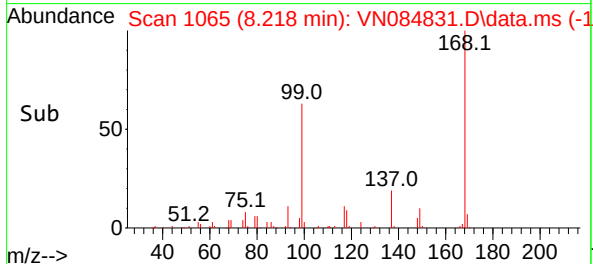


#38
Carbon Tetrachloride
Concen: 5.876 ug/l
RT: 8.218 min Scan# 110
Delta R.T. -0.141 min
Lab File: VN084831.D
Acq: 13 Nov 2024 17:11

Instrument :
MSVOA_N
ClientSampleId :

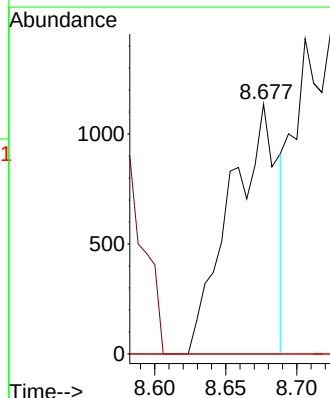
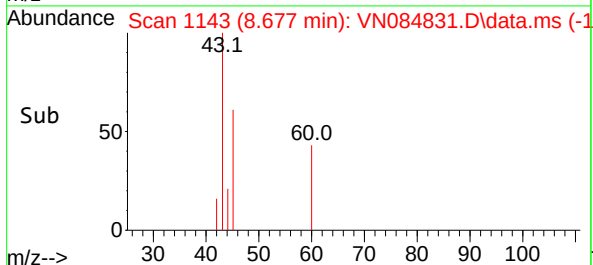
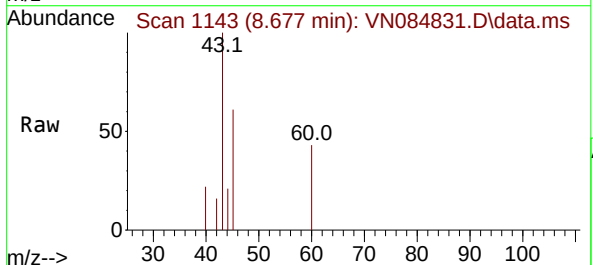


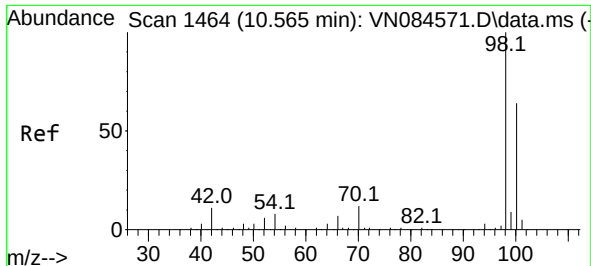
Tgt Ion:117 Resp: 18032
Ion Ratio Lower Upper
117 100
119 5.7 78.7 118.1#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.677 min Scan# 1143
Delta R.T. -0.011 min
Lab File: VN084831.D
Acq: 13 Nov 2024 17:11

Tgt Ion: 43 Resp: 2643
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.3 15.5#

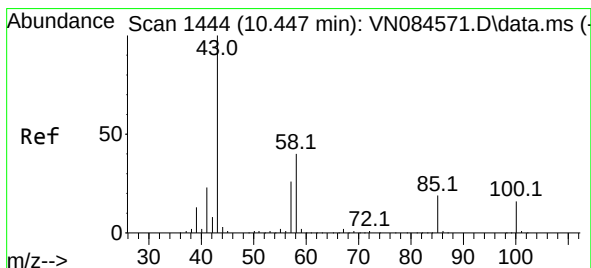
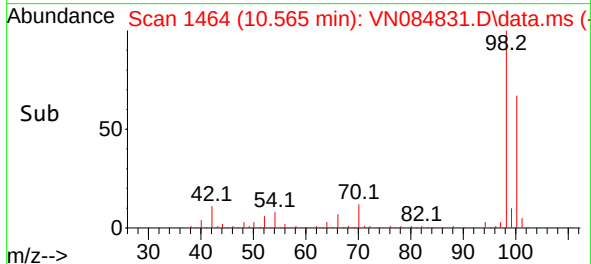
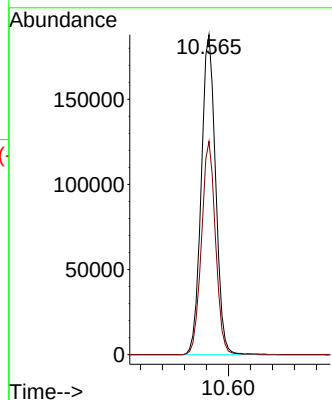
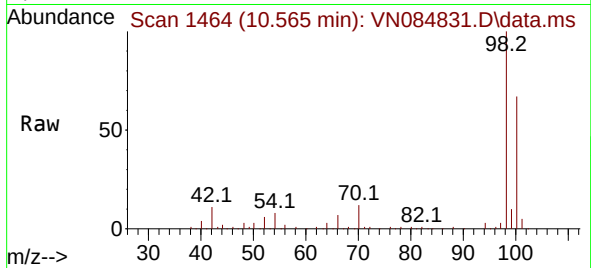




#50
Toluene-d8
Concen: 46.741 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084831.D
Acq: 13 Nov 2024 17:11

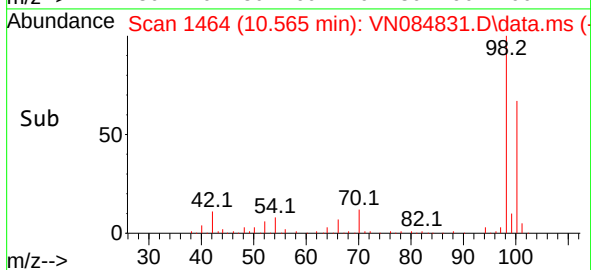
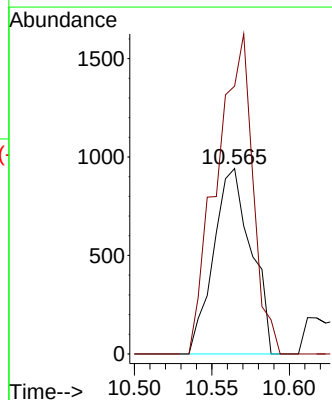
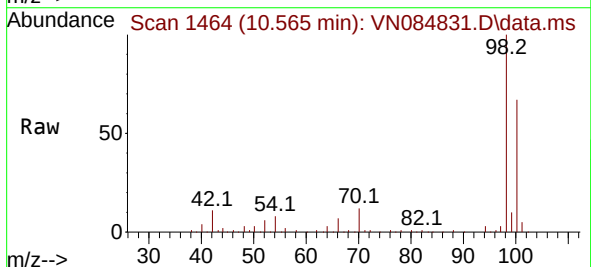
Instrument :
MSVOA_N
ClientSampleId :

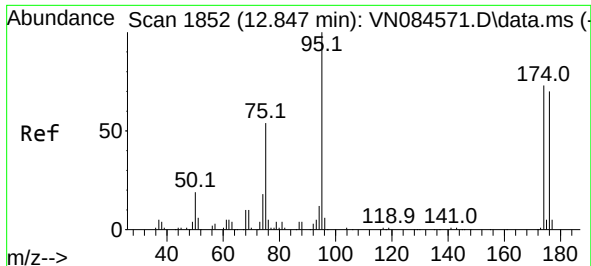
Tgt Ion: 98 Resp: 340825
Ion Ratio Lower Upper
98 100
100 65.2 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.668 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.123 min
Lab File: VN084831.D
Acq: 13 Nov 2024 17:11

Tgt Ion: 43 Resp: 1587
Ion Ratio Lower Upper
43 100
58 166.5 31.6 47.4#

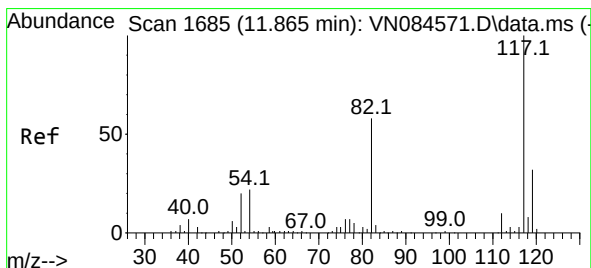
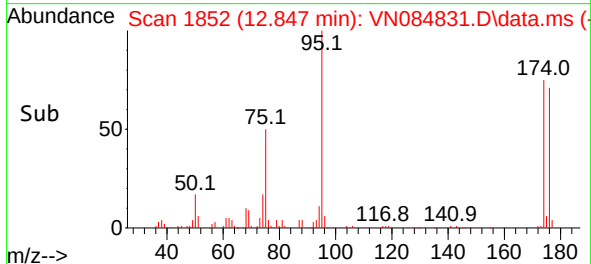
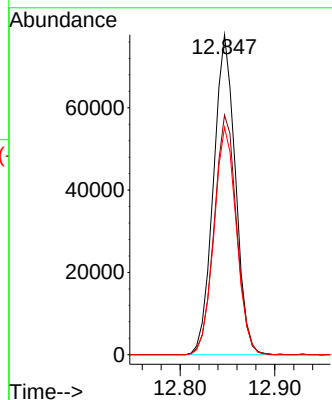
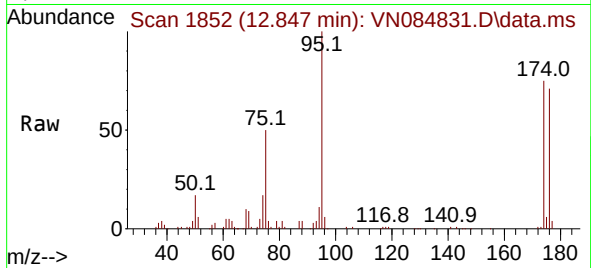




#62
4-Bromofluorobenzene
Concen: 45.865 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084831.D
Acq: 13 Nov 2024 17:11

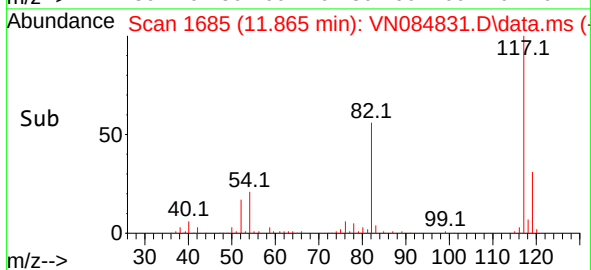
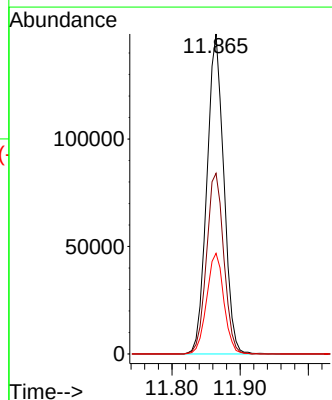
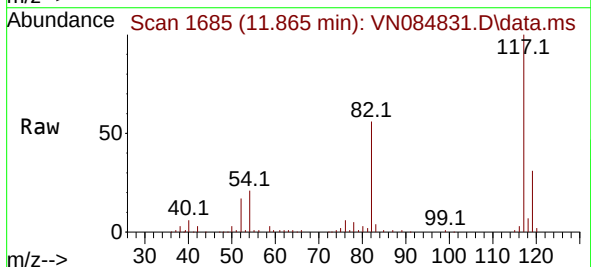
Instrument :
MSVOA_N
ClientSampleId :

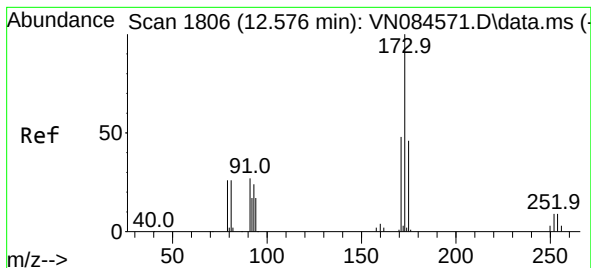
Tgt Ion: 95 Resp: 124990
Ion Ratio Lower Upper
95 100
174 76.8 0.0 145.2
176 72.9 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084831.D
Acq: 13 Nov 2024 17:11

Tgt Ion: 117 Resp: 256779
Ion Ratio Lower Upper
117 100
82 56.5 47.2 70.8
119 31.5 25.4 38.0





#71

Bromoform

Concen: 0.462 ug/l

RT: 12.847 min Scan# 1806

Delta R.T. 0.270 min

Lab File: VN084831.D

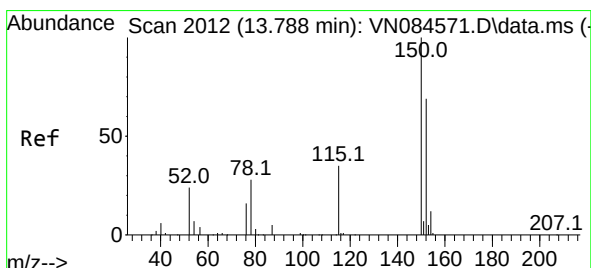
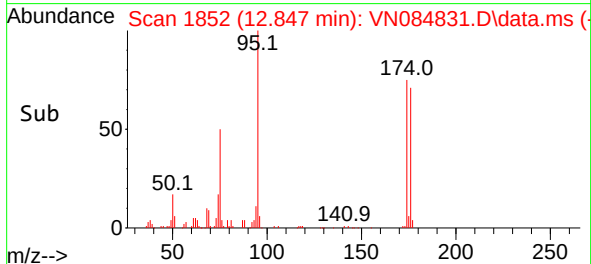
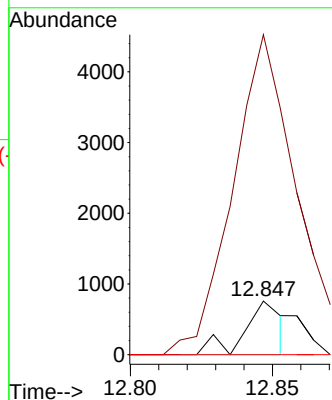
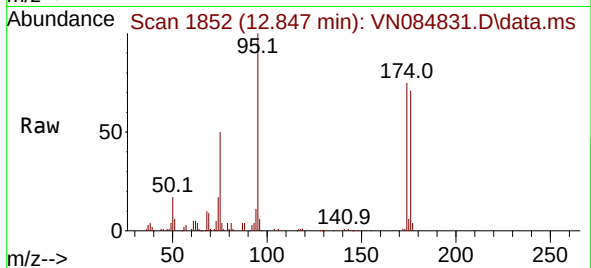
Acq: 13 Nov 2024 17:11

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:173 Resp: 695
 Ion Ratio Lower Upper
 173 100
 175 773.7 23.5 70.6#
 254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

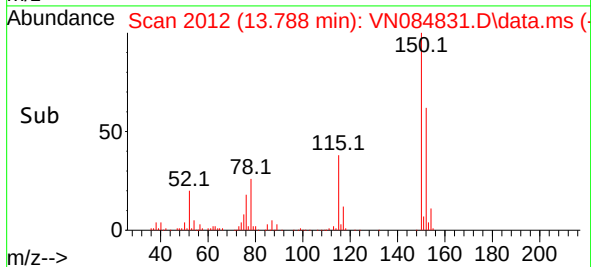
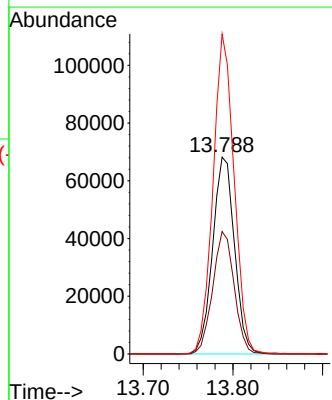
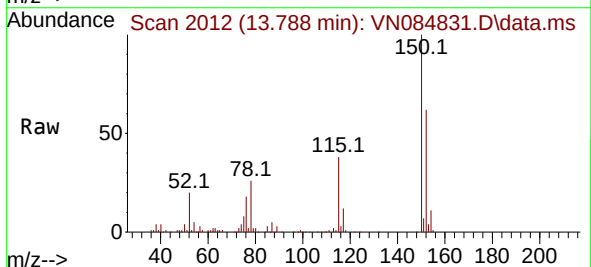
RT: 13.788 min Scan# 2012

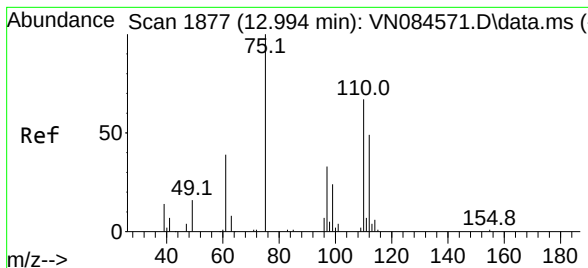
Delta R.T. -0.000 min

Lab File: VN084831.D

Acq: 13 Nov 2024 17:11

Tgt Ion:152 Resp: 115326
 Ion Ratio Lower Upper
 152 100
 115 61.1 31.3 93.9
 150 156.9 0.0 349.8





#76

1,2,3-Trichloropropane

Concen: 27.913 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VN084831.D

Acq: 13 Nov 2024 17:11

Instrument :

MSVOA_N

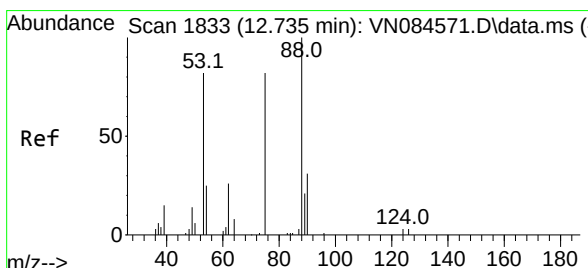
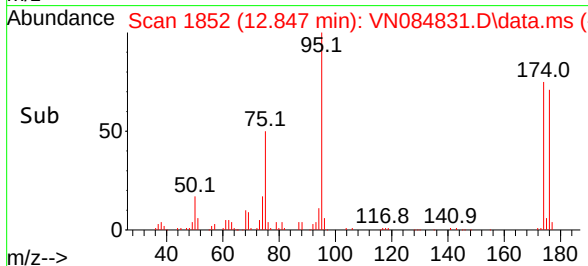
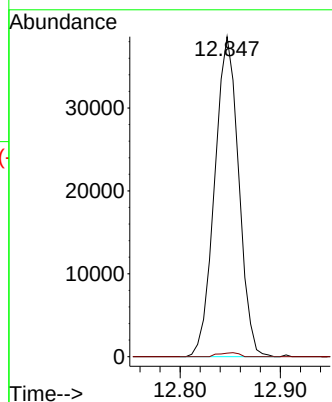
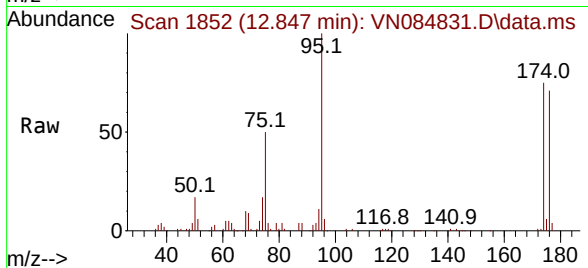
ClientSampleId :

Tgt Ion: 75 Resp: 64349

Ion Ratio Lower Upper

75 100

77 1.0 96.9 290.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 66.222 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN084831.D

Acq: 13 Nov 2024 17:11

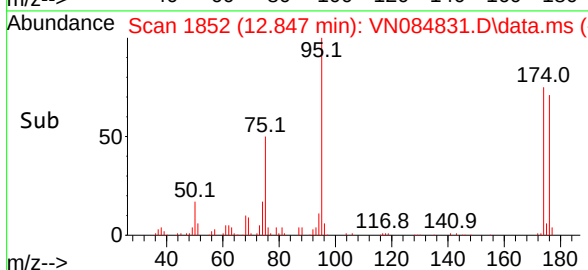
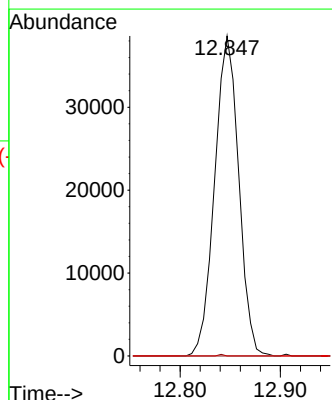
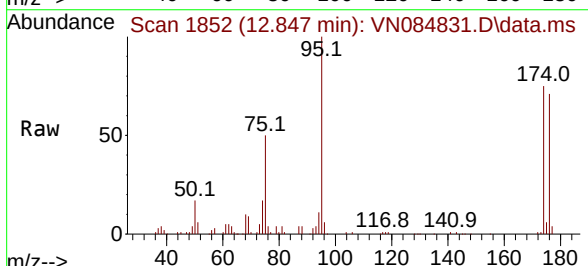
Tgt Ion: 75 Resp: 64349

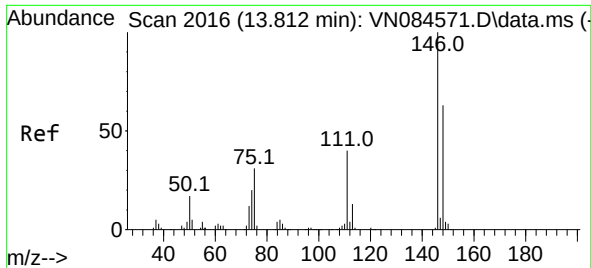
Ion Ratio Lower Upper

75 100

53 0.1 78.0 117.0#

89 0.0 35.5 53.3#





#88

1,4-Dichlorobenzene

Concen: Below Cal

RT: 13.817 min Scan# 20

Delta R.T. 0.005 min

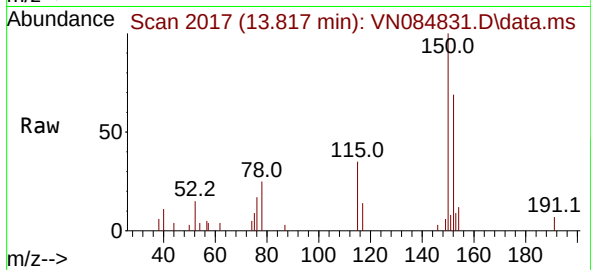
Lab File: VN084831.D

Acq: 13 Nov 2024 17:11

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	146	Resp:	54
Ion	Ratio	Lower	Upper
146	100		
111	0.0	21.2	63.6#
148	0.0	31.9	95.9#

