

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100224\
 Data File : VN084266.D
 Acq On : 02 Oct 2024 15:45
 Operator : JC\MD
 Sample : P4226-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 03 02:00:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

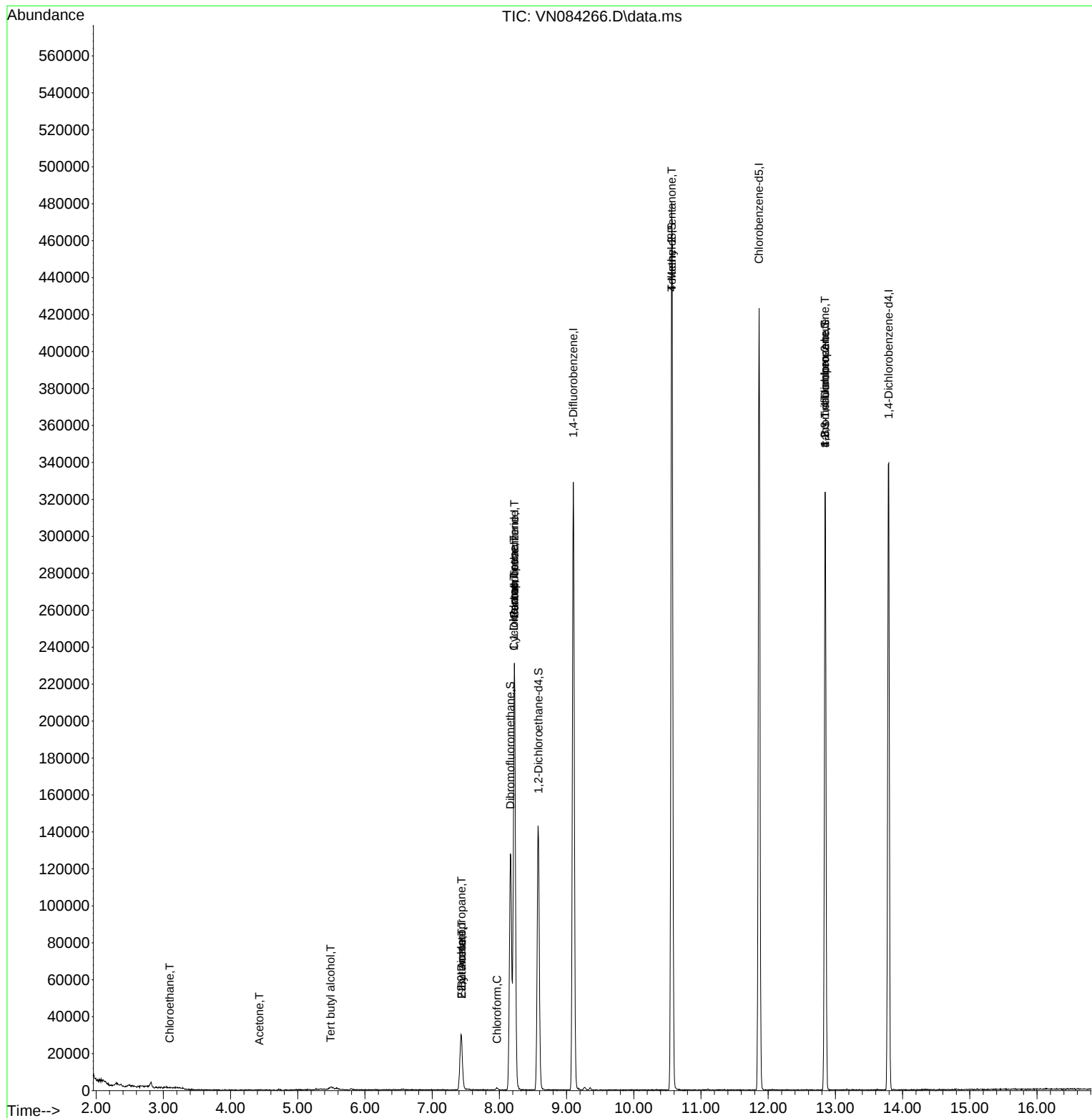
Internal Standards						
1) Pentafluorobenzene	8.224	168	159564	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	280767	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	231296	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	93841	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	118615	50.137	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.280%	
35) Dibromofluoromethane	8.165	113	92360	49.898	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.800%	
50) Toluene-d8	10.565	98	332393	48.810	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.620%	
62) 4-Bromofluorobenzene	12.847	95	112467	45.332	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 90.660%	
Target Compounds						
					Qvalue	
6) Chloroethane	3.095	64	340	0.227	ug/l #	45
11) Tert butyl alcohol	5.488	59	1246	3.194	ug/l #	73
16) Acetone	4.430	43	262	0.258	ug/l #	44
25) 2-Butanone	7.441	43	1383	0.999	ug/l #	48
26) 2,2-Dichloropropane	7.435	77	2104	0.647	ug/l #	54
30) Chloroform	7.965	83	1266	0.338	ug/l #	83
31) Cyclohexane	8.218	56	4025	1.149	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	14970	5.568	ug/l #	51
37) Ethyl Acetate	7.441	43	1383	0.501	ug/l #	25
38) Carbon Tetrachloride	8.224	117	18512	6.277	ug/l #	15
51) 4-Methyl-2-Pentanone	10.565	43	1564	0.596	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	59508	31.062	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	59508	74.469	ug/l #	11

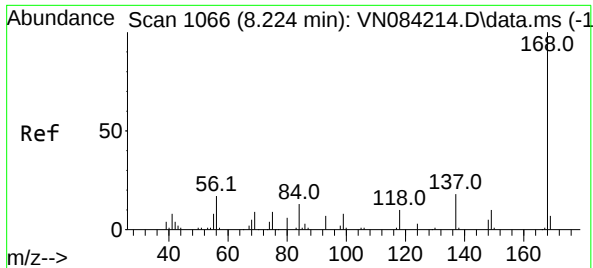
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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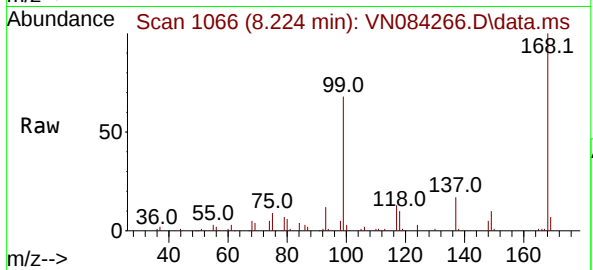
Quant Time: Oct 03 02:00:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
Response via : Initial Calibration



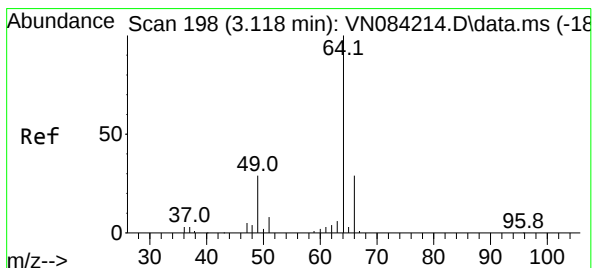
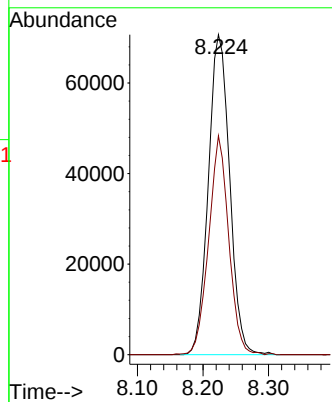
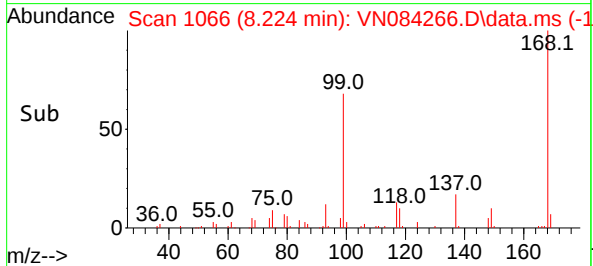


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084266.D
Acq: 02 Oct 2024 15:45

Instrument :
MSVOA_N
ClientSampleId :

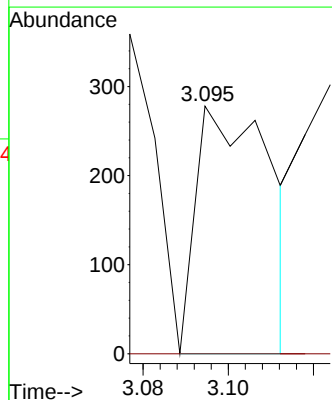
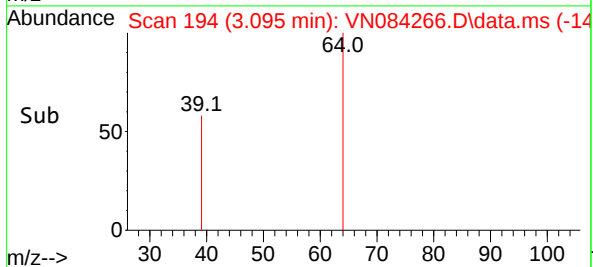
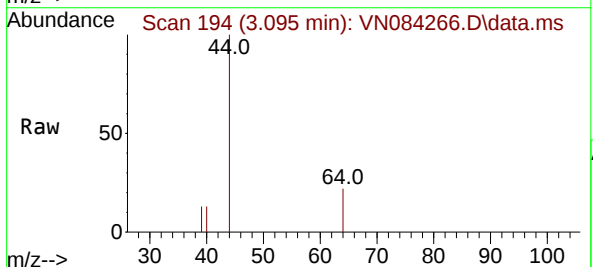


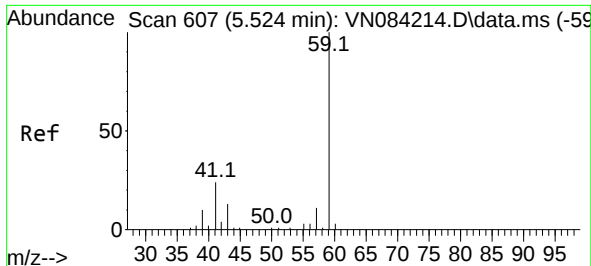
Tgt Ion:168 Resp: 159564
Ion Ratio Lower Upper
168 100
99 68.4 54.2 81.2



#6
Chloroethane
Concen: 0.227 ug/l
RT: 3.095 min Scan# 194
Delta R.T. -0.024 min
Lab File: VN084266.D
Acq: 02 Oct 2024 15:45

Tgt Ion: 64 Resp: 340
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#

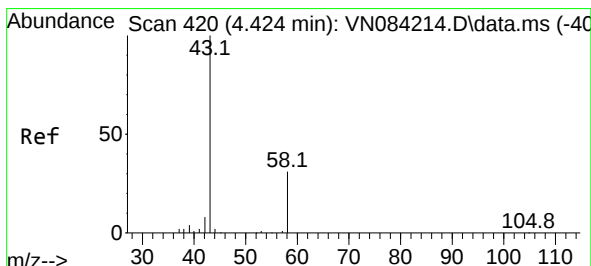
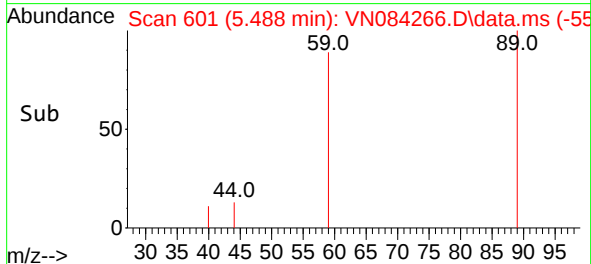
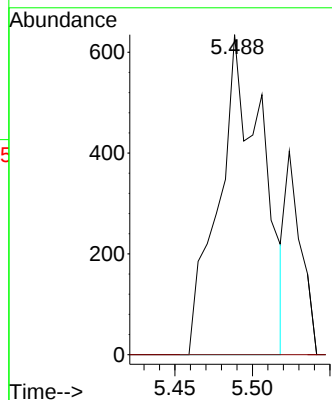
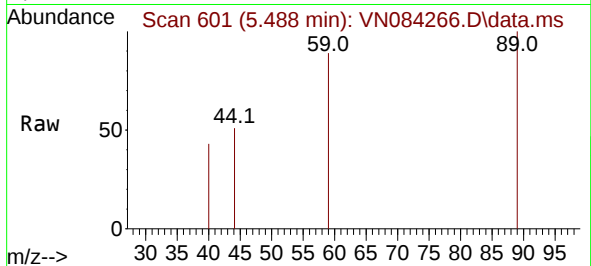




#11
Tert butyl alcohol
Concen: 3.194 ug/l
RT: 5.488 min Scan# 607
Delta R.T. -0.035 min
Lab File: VN084266.D
Acq: 02 Oct 2024 15:45

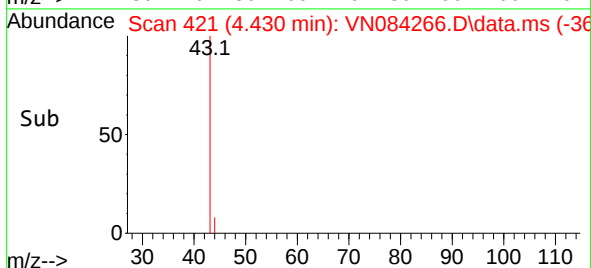
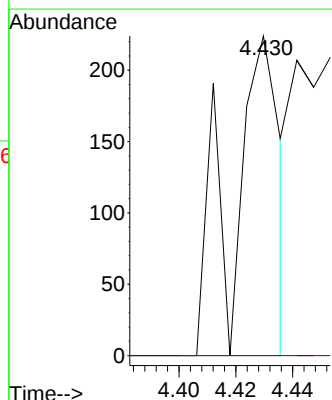
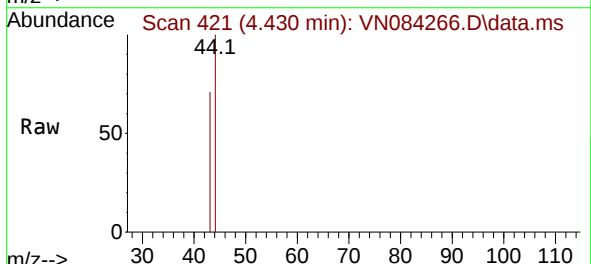
Instrument :
MSVOA_N
ClientSampleId :

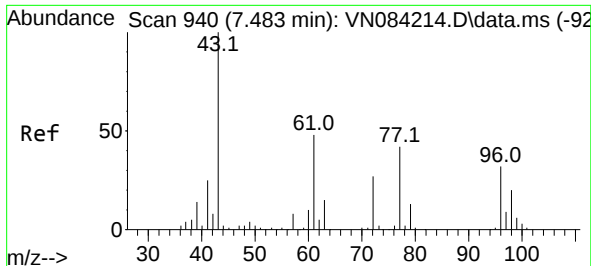
Tgt Ion: 59 Resp: 1246
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: 0.258 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN084266.D
Acq: 02 Oct 2024 15:45

Tgt Ion: 43 Resp: 262
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#

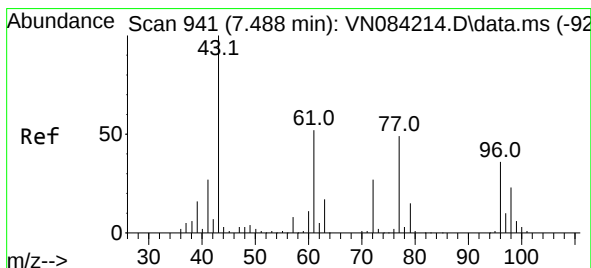
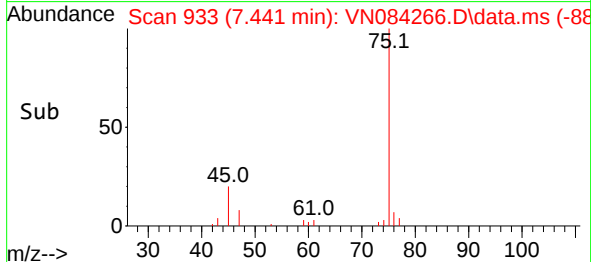
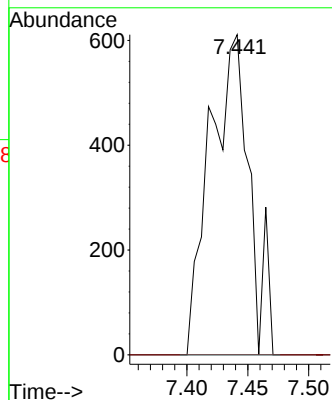
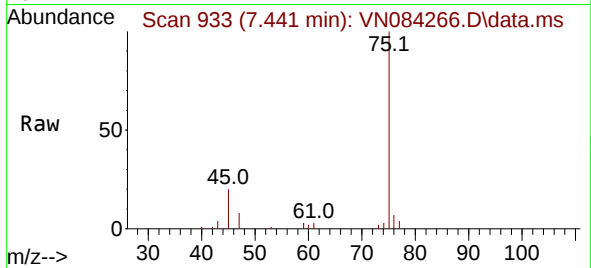




#25
2-Butanone
Concen: 0.999 ug/l
RT: 7.441 min Scan# 91
Delta R.T. -0.041 min
Lab File: VN084266.D
Acq: 02 Oct 2024 15:45

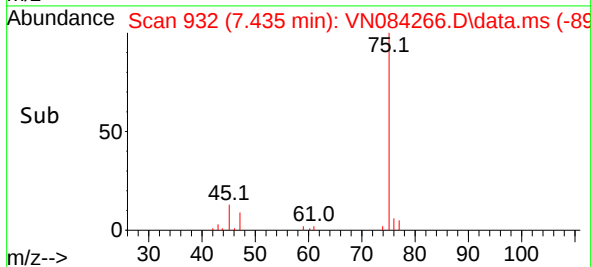
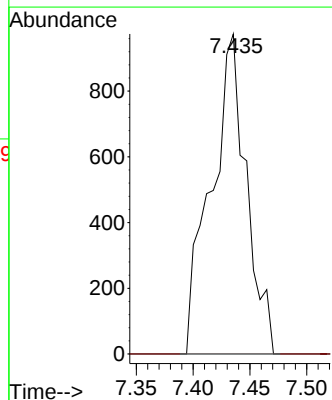
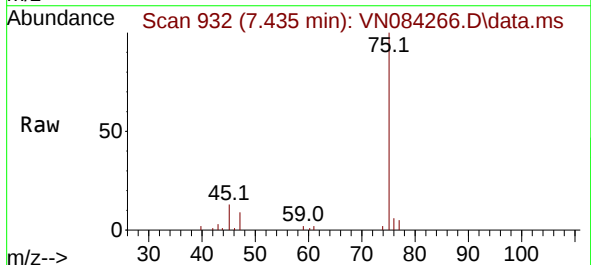
Instrument :
MSVOA_N
ClientSampleId :

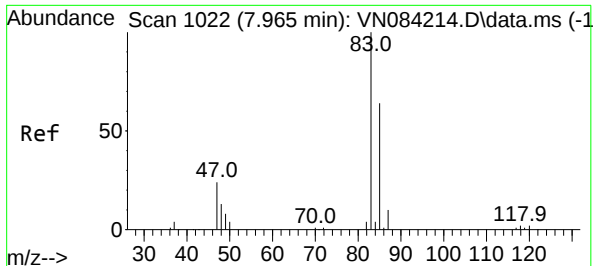
Tgt Ion: 43 Resp: 1383
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.2#



#26
2,2-Dichloropropane
Concen: 0.647 ug/l
RT: 7.435 min Scan# 932
Delta R.T. -0.053 min
Lab File: VN084266.D
Acq: 02 Oct 2024 15:45

Tgt Ion: 77 Resp: 2104
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#





#30

Chloroform

Concen: 0.338 ug/l

RT: 7.965 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VN084266.D

Acq: 02 Oct 2024 15:45

Instrument :

MSVOA_N

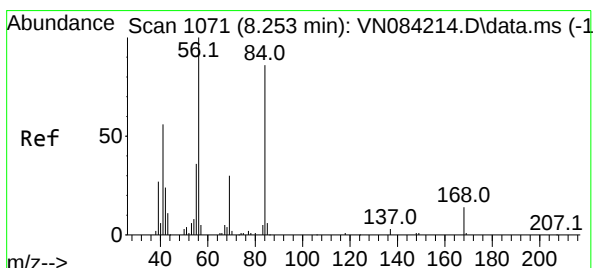
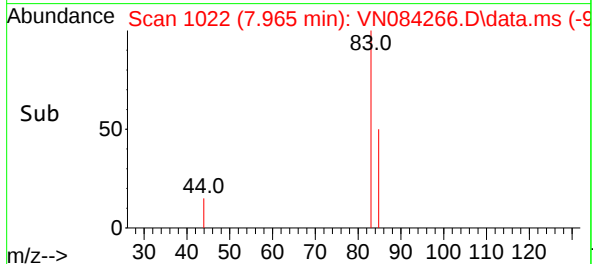
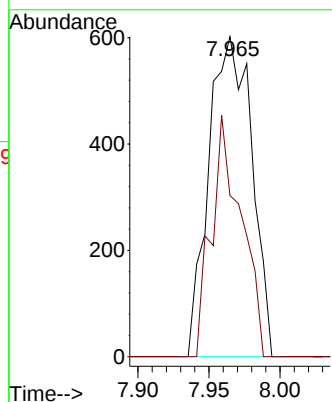
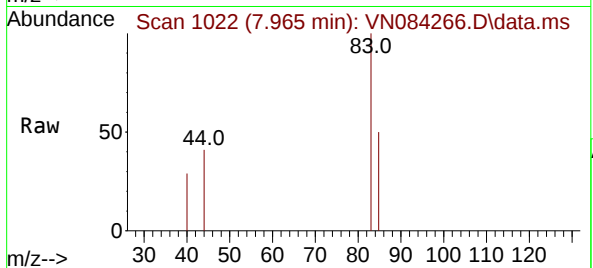
ClientSampleId :

Tgt Ion: 83 Resp: 1266

Ion Ratio Lower Upper

83 100

85 50.3 51.0 76.4#



#31

Cyclohexane

Concen: 1.149 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.035 min

Lab File: VN084266.D

Acq: 02 Oct 2024 15:45

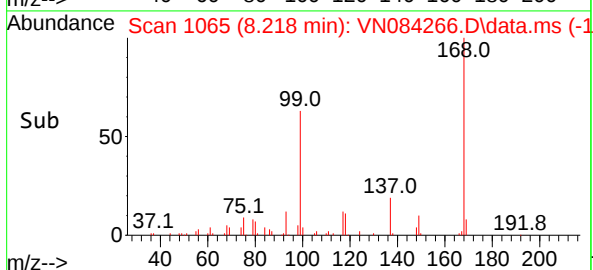
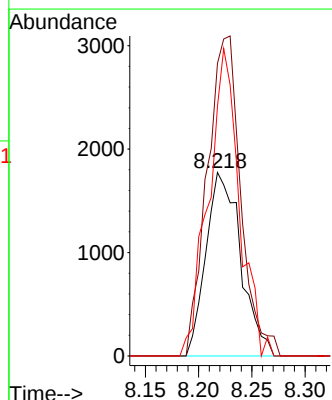
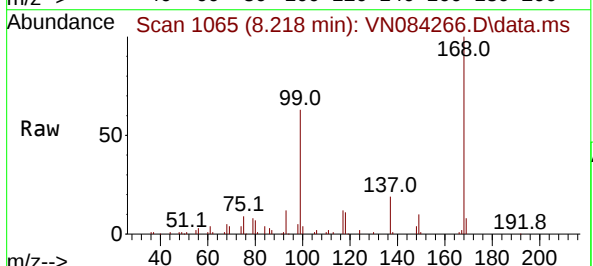
Tgt Ion: 56 Resp: 4025

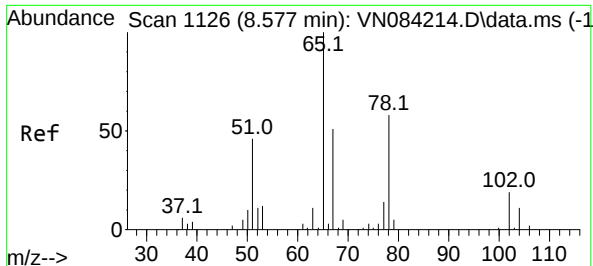
Ion Ratio Lower Upper

56 100

69 159.5 23.8 35.6#

84 136.1 68.8 103.2#





#33

1,2-Dichloroethane-d4

Concen: 50.137 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN084266.D

Acq: 02 Oct 2024 15:45

Instrument :

MSVOA_N

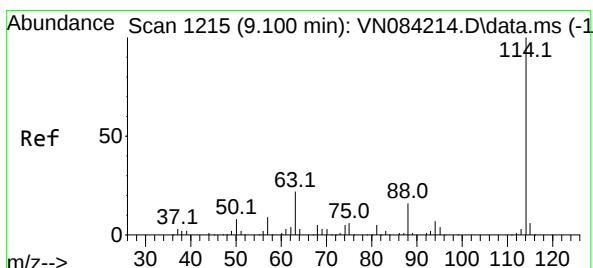
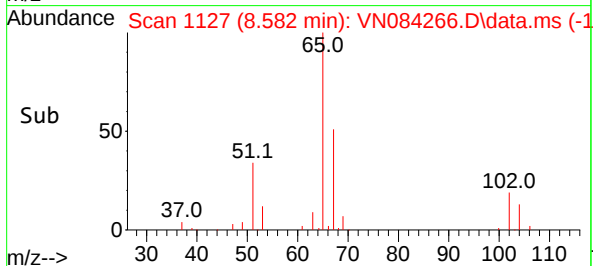
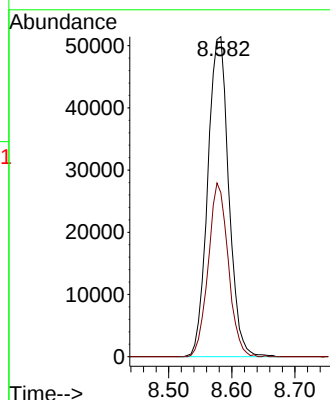
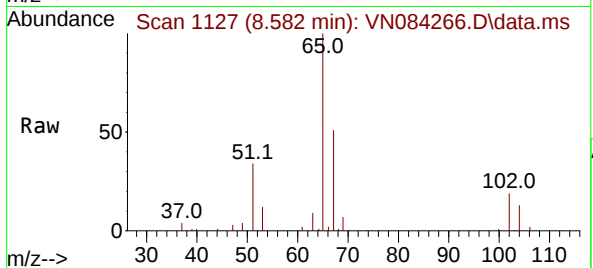
ClientSampleId :

Tgt Ion: 65 Resp: 118615

Ion Ratio Lower Upper

65 100

67 51.7 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: VN084266.D

Acq: 02 Oct 2024 15:45

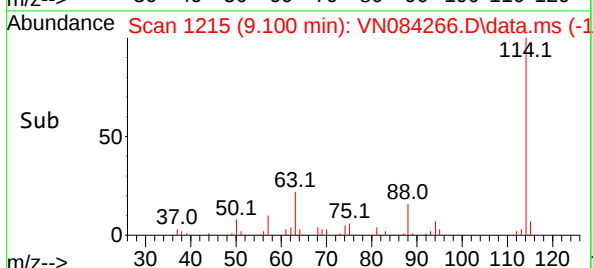
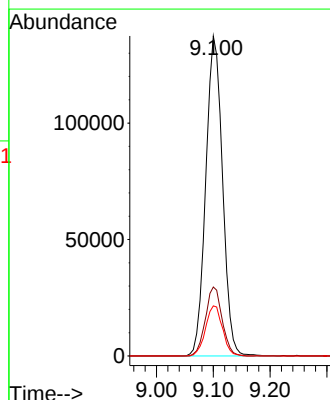
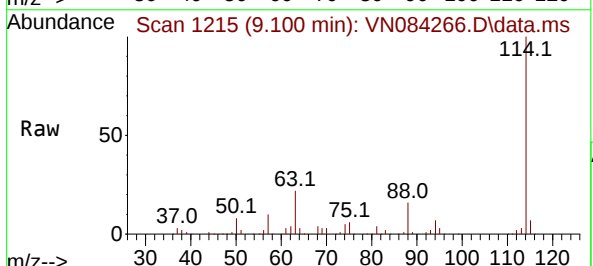
Tgt Ion: 114 Resp: 280767

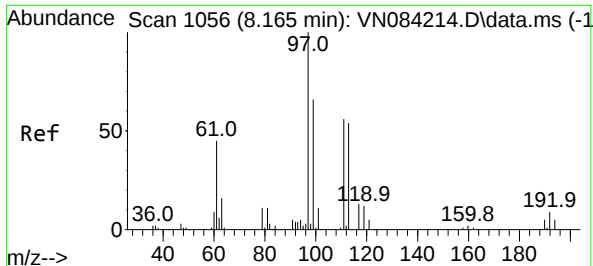
Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.8

88 15.7 0.0 31.6





#35

Dibromofluoromethane

Concen: 49.898 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

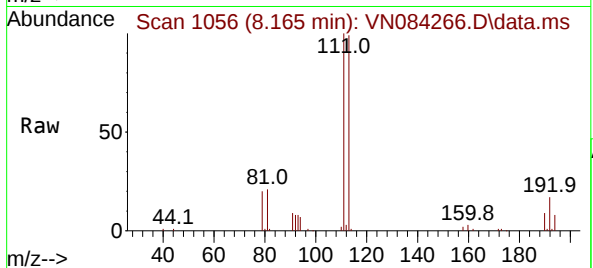
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Acq: 02 Oct 2024 15:45

Instrument :

MSVOA_N

ClientSampleId :



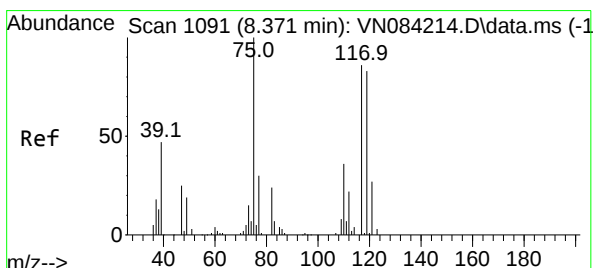
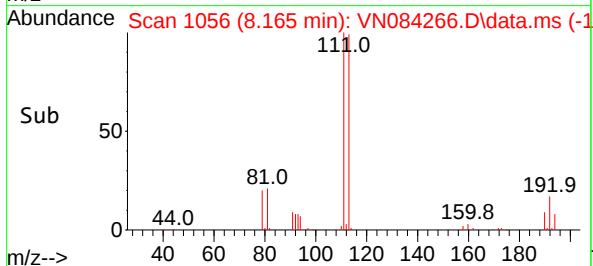
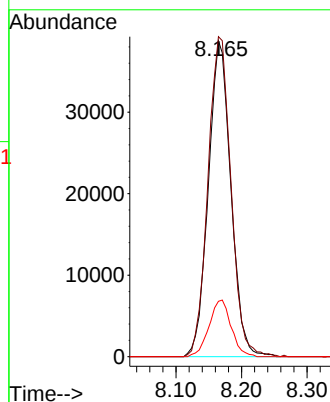
Tgt Ion:113 Resp: 92360

Ion Ratio Lower Upper

113 100

111 103.4 83.3 124.9

192 17.7 13.5 20.3



#36

1,1-Dichloropropene

Concen: 5.568 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN084266.D

Acq: 02 Oct 2024 15:45

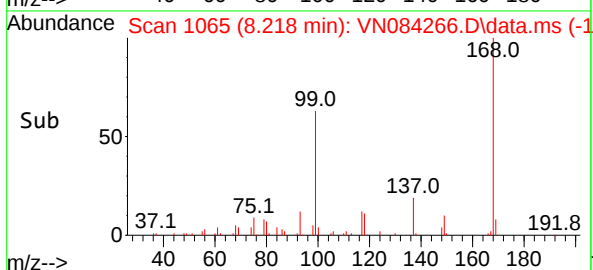
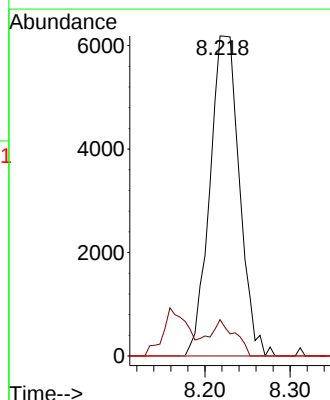
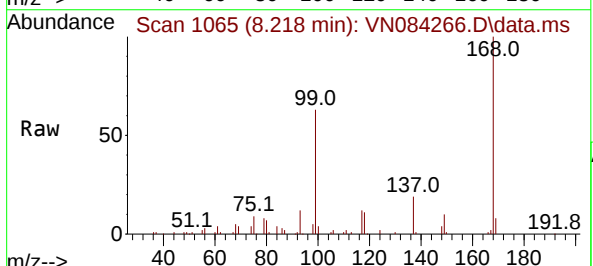
Tgt Ion: 75 Resp: 14970

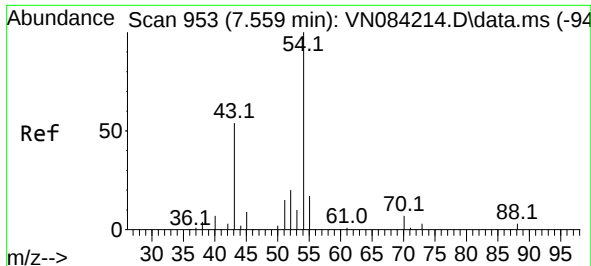
Ion Ratio Lower Upper

75 100

110 9.4 16.9 50.7#

77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 0.501 ug/l

RT: 7.441 min Scan# 91

Delta R.T. -0.118 min

Lab File: VN084266.D

Acq: 02 Oct 2024 15:45

Instrument :

MSVOA_N

ClientSampleId :

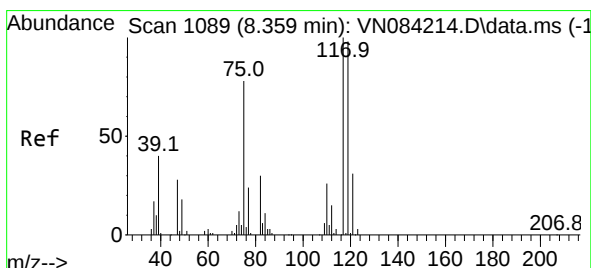
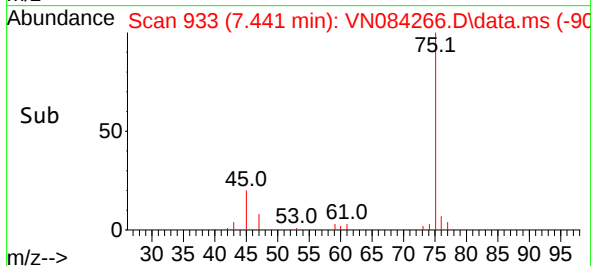
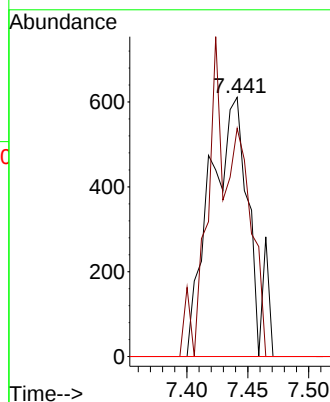
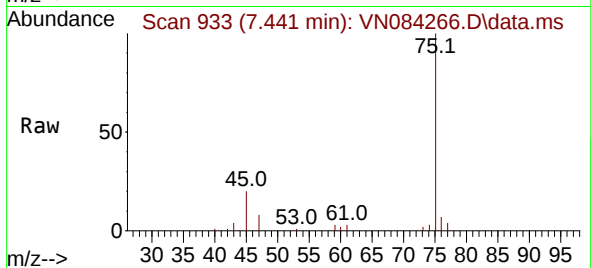
Tgt Ion: 43 Resp: 1383

Ion Ratio Lower Upper

43 100

61 58.9 10.7 16.1#

70 0.0 8.8 13.2#



#38

Carbon Tetrachloride

Concen: 6.277 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN084266.D

Acq: 02 Oct 2024 15:45

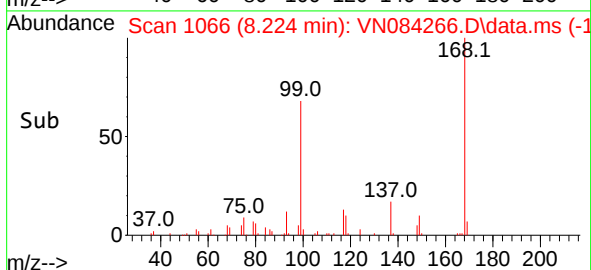
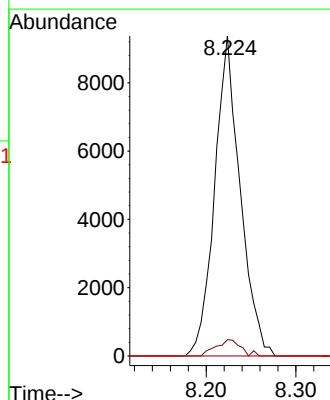
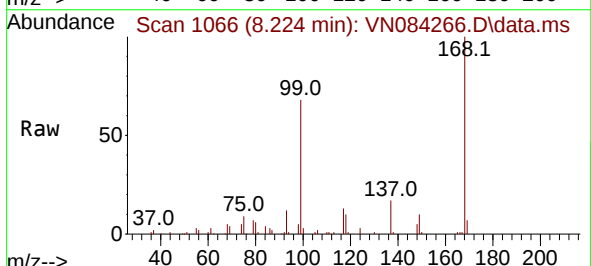
Tgt Ion: 117 Resp: 18512

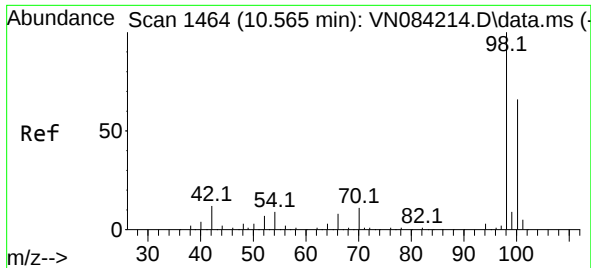
Ion Ratio Lower Upper

117 100

119 5.1 78.7 118.1#

121 0.0 24.4 36.6#

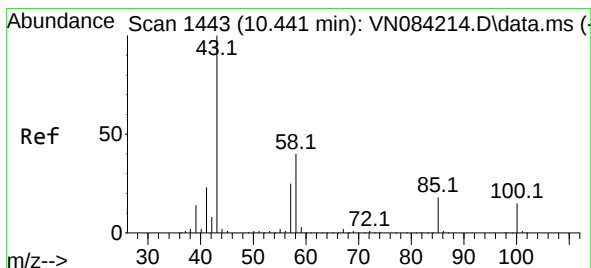
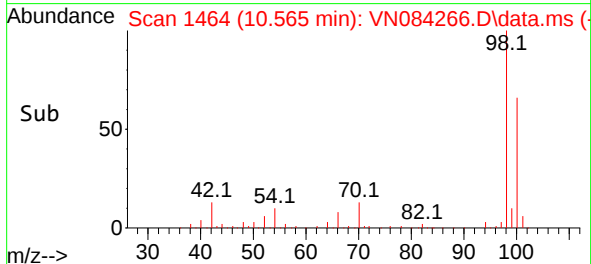
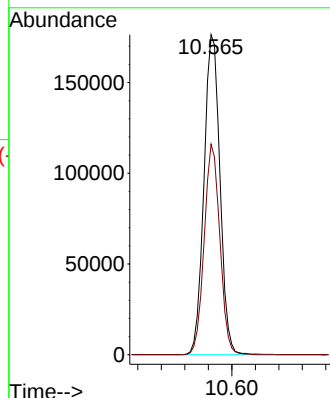
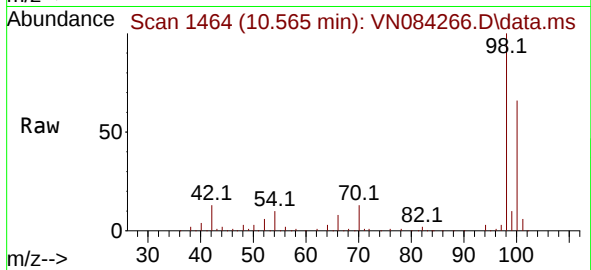




#50
Toluene-d8
Concen: 48.810 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084266.D
Acq: 02 Oct 2024 15:45

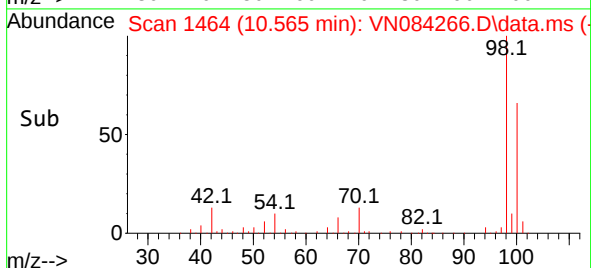
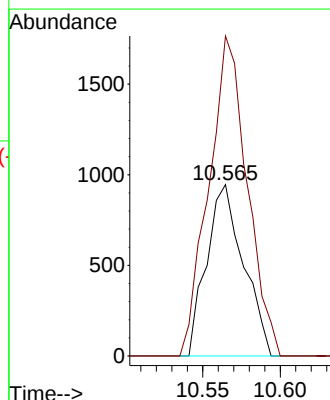
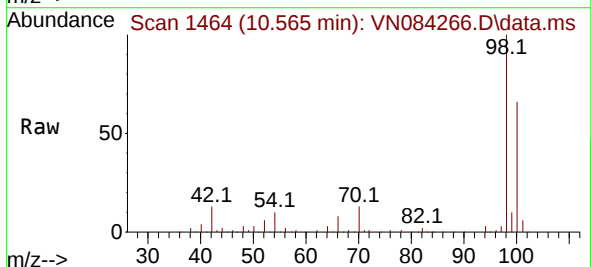
Instrument :
MSVOA_N
ClientSampleId :

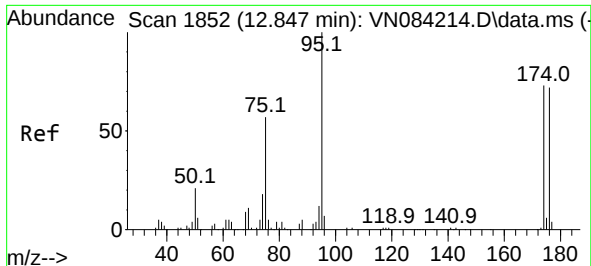
Tgt Ion: 98 Resp: 332393
Ion Ratio Lower Upper
98 100
100 64.5 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.596 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.123 min
Lab File: VN084266.D
Acq: 02 Oct 2024 15:45

Tgt Ion: 43 Resp: 1564
Ion Ratio Lower Upper
43 100
58 194.2 31.6 47.4#

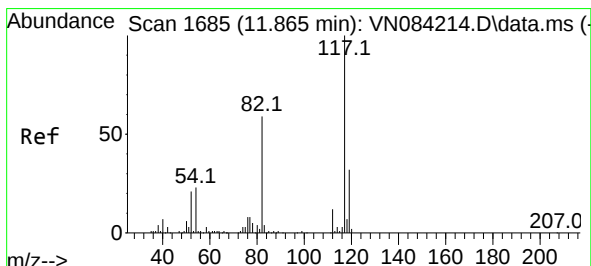
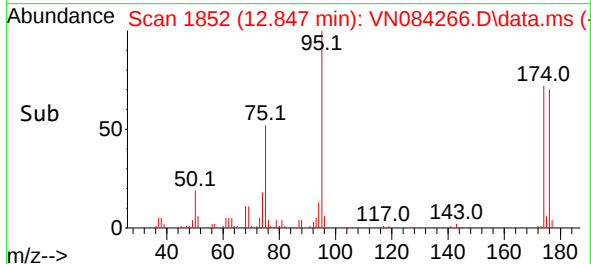
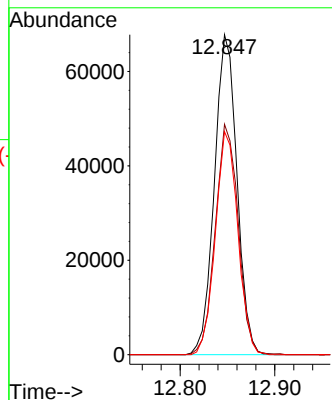
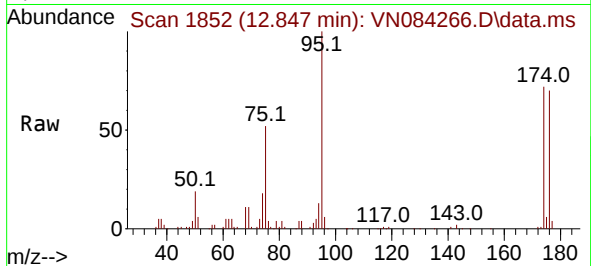




#62
4-Bromofluorobenzene
Concen: 45.332 ug/l
RT: 12.847 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084266.D
Acq: 02 Oct 2024 15:45

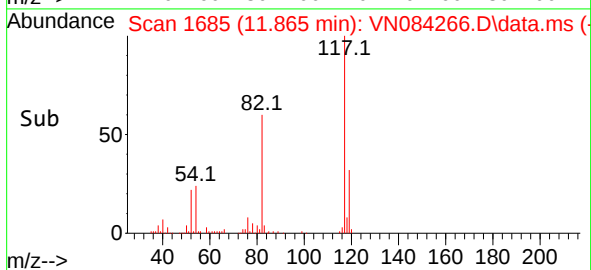
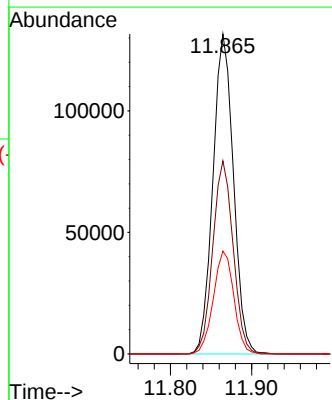
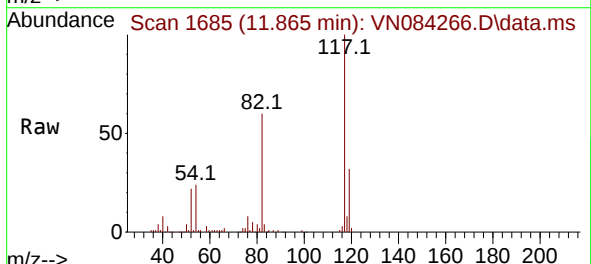
Instrument :
MSVOA_N
ClientSampleId :

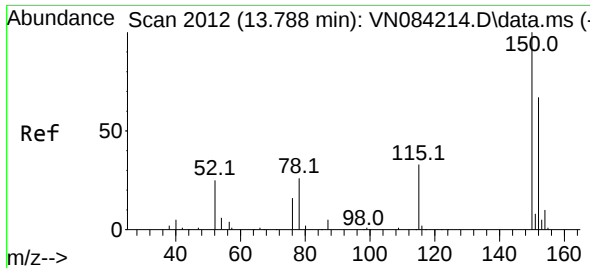
Tgt Ion: 95 Resp: 112467
Ion Ratio Lower Upper
95 100
174 73.1 0.0 145.2
176 69.6 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084266.D
Acq: 02 Oct 2024 15:45

Tgt Ion: 117 Resp: 231296
Ion Ratio Lower Upper
117 100
82 60.3 47.2 70.8
119 32.2 25.4 38.0

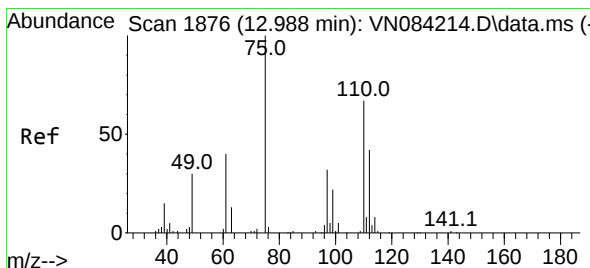
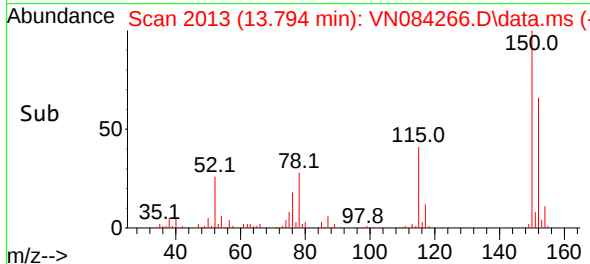
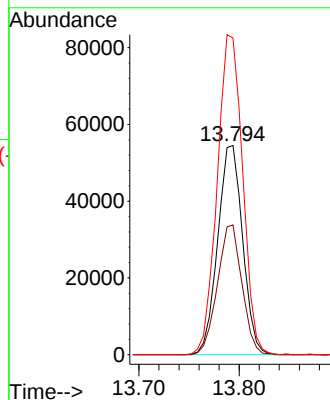
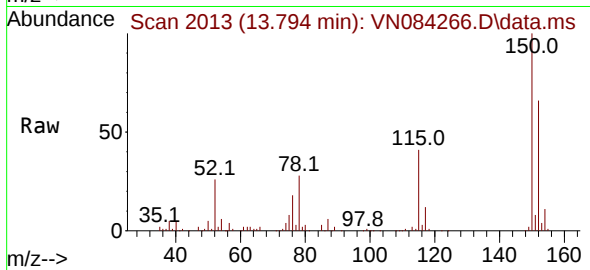




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2012
 Delta R.T. 0.006 min
 Lab File: VN084266.D
 Acq: 02 Oct 2024 15:45

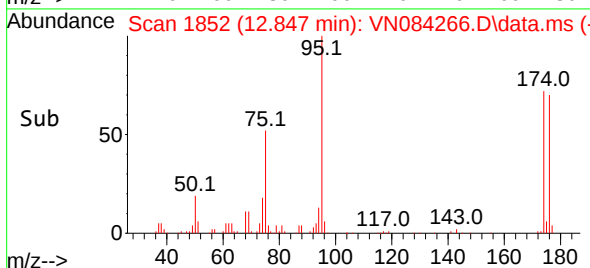
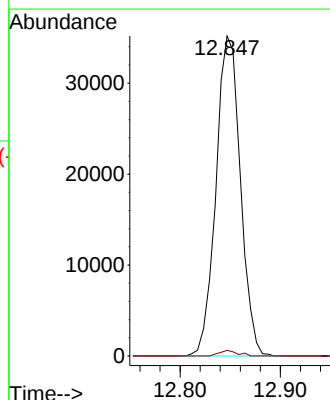
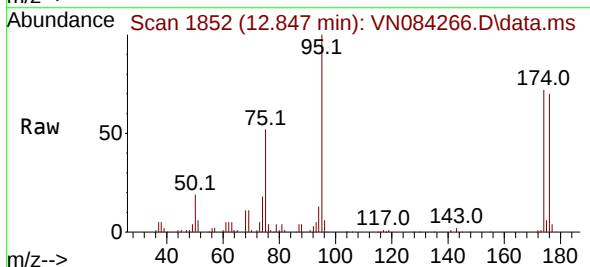
Instrument :
 MSVOA_N
 ClientSampleId :

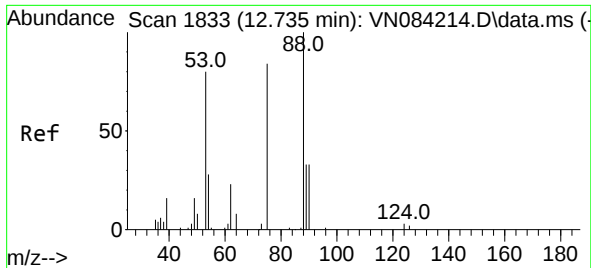
Tgt Ion:152 Resp: 93841
 Ion Ratio Lower Upper
 152 100
 115 61.1 31.3 93.9
 150 156.1 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 31.062 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN084266.D
 Acq: 02 Oct 2024 15:45

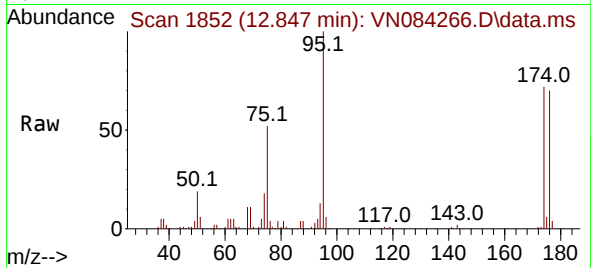
Tgt Ion: 75 Resp: 59508
 Ion Ratio Lower Upper
 75 100
 77 1.3 96.9 290.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 74.469 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN084266.D
Acq: 02 Oct 2024 15:45

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 59508
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#

