

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102424\
 Data File : VN084500.D
 Acq On : 24 Oct 2024 19:57
 Operator : JC\MD
 Sample : P4488-10 400X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 25 02:07:07 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)

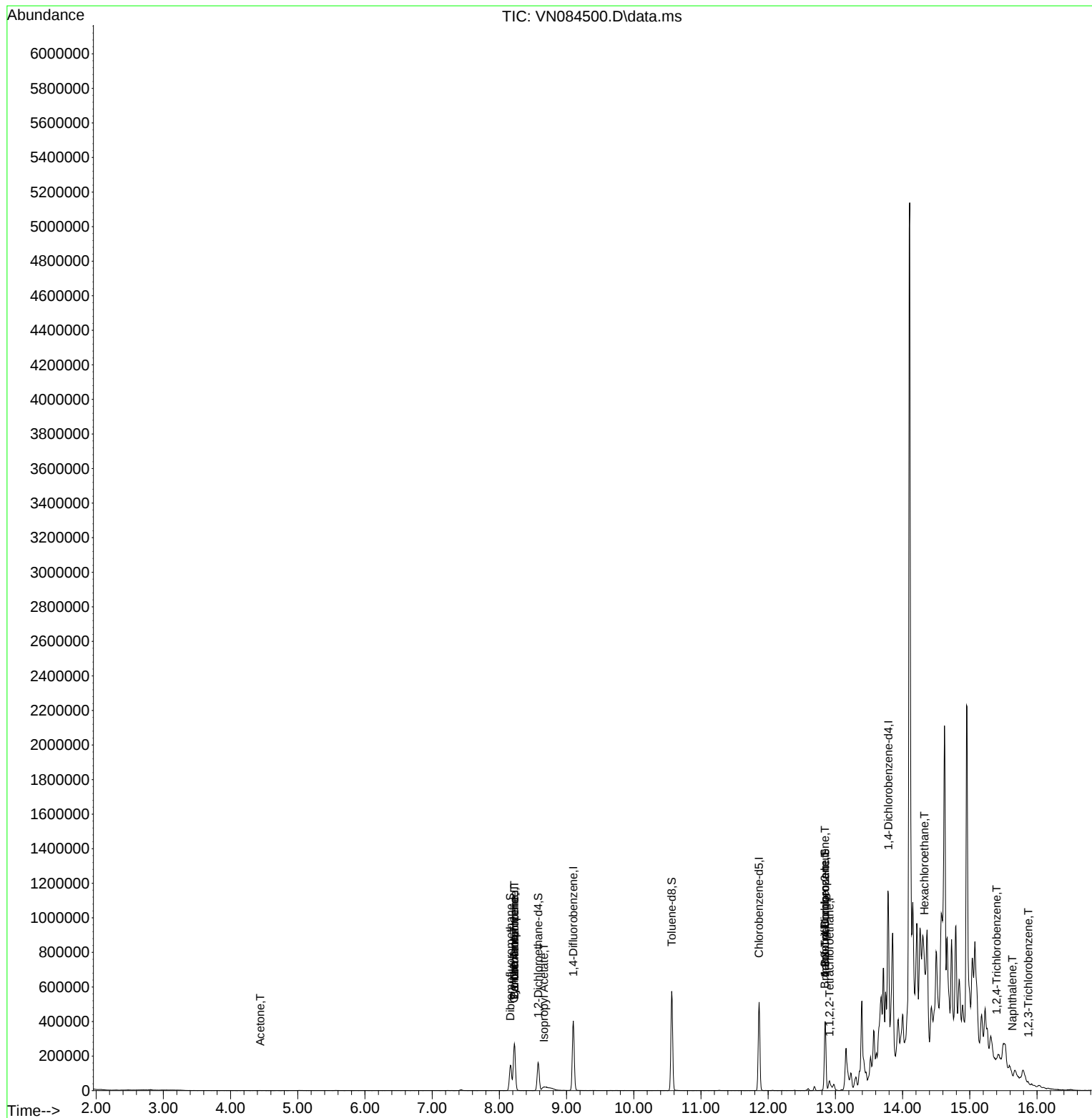
Internal Standards						
1) Pentafluorobenzene	8.224	168	188992	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	340252	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	287711	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	145404	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	134982	48.171	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.340%
35) Dibromofluoromethane	8.165	113	107652	47.991	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.980%
50) Toluene-d8	10.565	98	397640	48.182	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.360%
62) 4-Bromofluorobenzene	12.847	95	139596	46.430	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.860%
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	571	0.474	ug/l #	60
31) Cyclohexane	8.218	56	4380	1.055	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	16769	5.147	ug/l #	50
38) Carbon Tetrachloride	8.224	117	21267	5.950	ug/l #	15
43) Isopropyl Acetate	8.665	43	20967	3.202	ug/l #	56
71) Bromoform	12.841	173	551	0.341	ug/l #	30
75) 1,1,2,2-Tetrachloroethane	12.912	83	5757	1.726	ug/l #	42
76) 1,2,3-Trichloropropane	12.847	75	73679	24.821	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	73679	59.506	ug/l #	11
90) Hexachloroethane	14.323	117	477	0.265	ug/l #	15
93) 1,2,4-Trichlorobenzene	15.400	180	735	0.303	ug/l #	13
95) Naphthalene	15.635	128	9140	1.137	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.870	180	1075	0.443	ug/l #	16

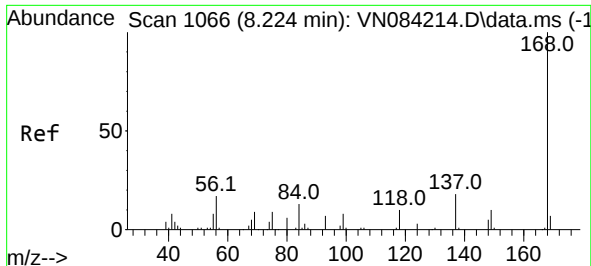
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102424\
Data File : VN084500.D
Acq On : 24 Oct 2024 19:57
Operator : JC\MD
Sample : P4488-10 400X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

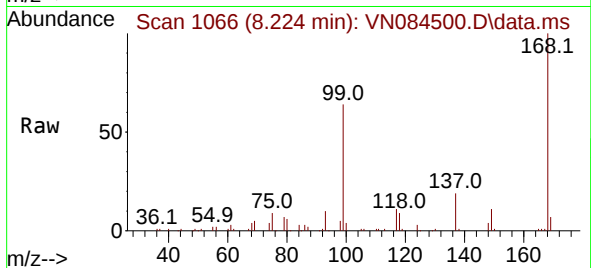
Quant Time: Oct 25 02:07:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
Response via : Initial Calibration



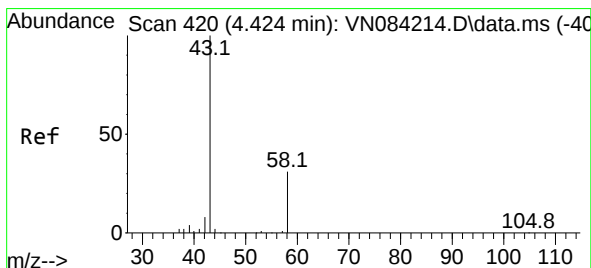
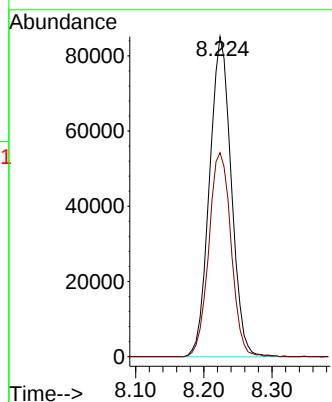
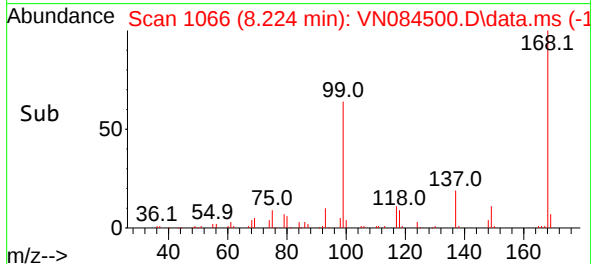


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084500.D
Acq: 24 Oct 2024 19:57

Instrument :
MSVOA_N
ClientSampleId :

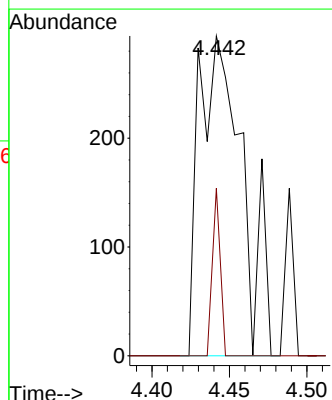
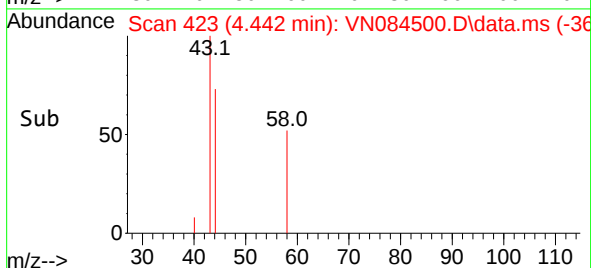
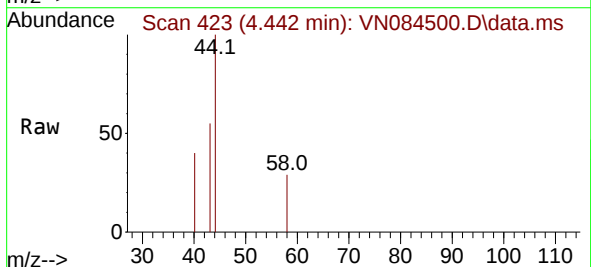


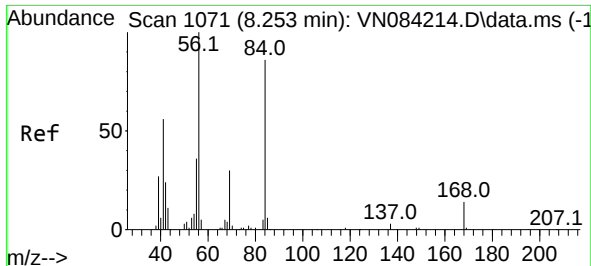
Tgt Ion:168 Resp: 188992
Ion Ratio Lower Upper
168 100
99 63.8 54.2 81.2



#16
Acetone
Concen: 0.474 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN084500.D
Acq: 24 Oct 2024 19:57

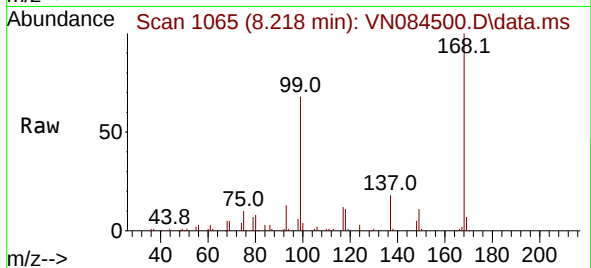
Tgt Ion: 43 Resp: 571
Ion Ratio Lower Upper
43 100
58 52.4 24.4 36.6#



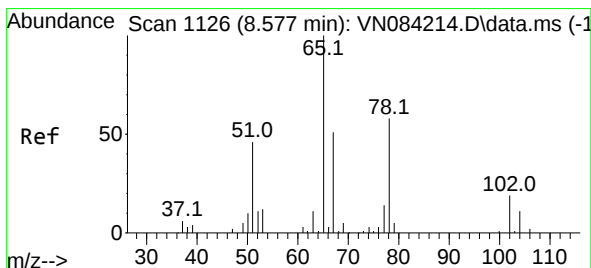
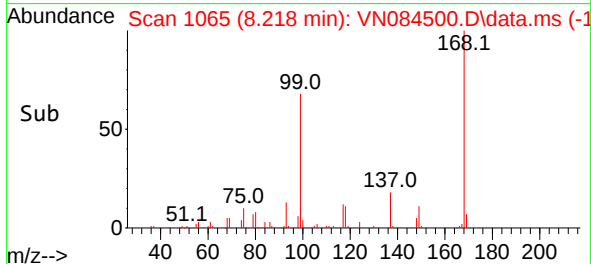
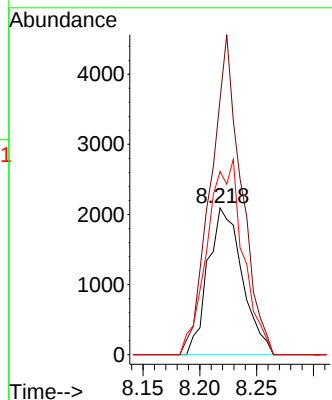


#31
Cyclohexane
Concen: 1.055 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN084500.D
Acq: 24 Oct 2024 19:57

Instrument :
MSVOA_N
ClientSampleId :

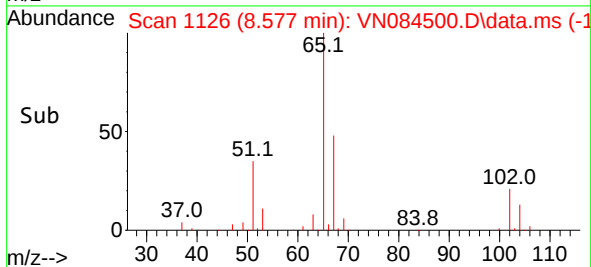
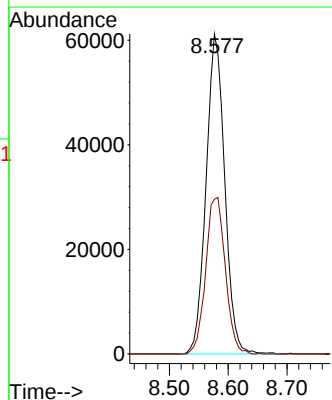
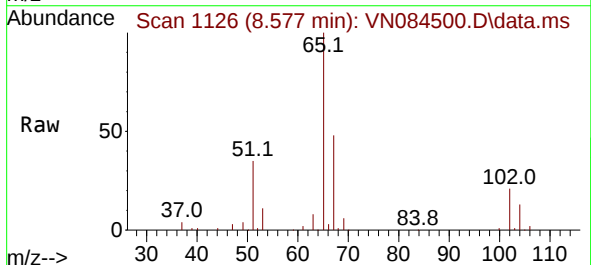


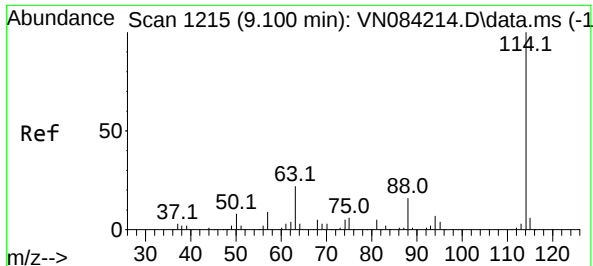
Tgt Ion: 56 Resp: 4380
Ion Ratio Lower Upper
56 100
69 174.0 23.8 35.6#
84 124.8 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 48.171 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084500.D
Acq: 24 Oct 2024 19:57

Tgt Ion: 65 Resp: 134982
Ion Ratio Lower Upper
65 100
67 51.4 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN084500.D

Acq: 24 Oct 2024 19:57

Instrument :

MSVOA_N

ClientSampleId :

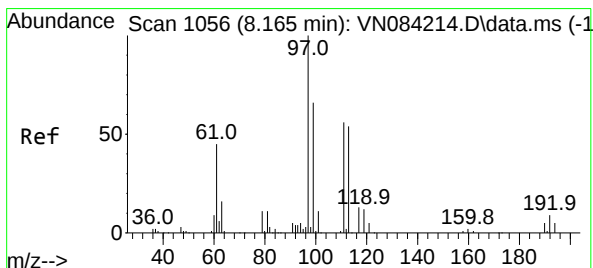
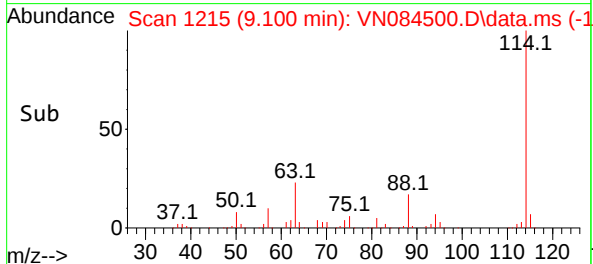
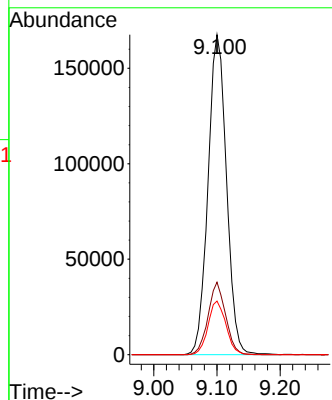
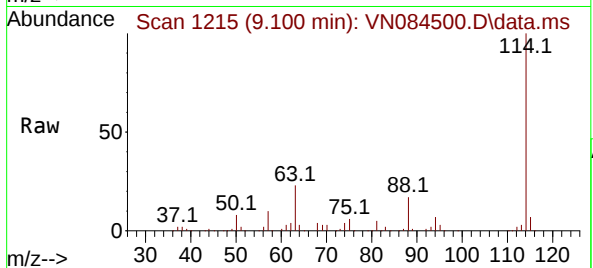
Tgt Ion:114 Resp: 340252

Ion Ratio Lower Upper

114 100

63 22.6 0.0 43.8

88 16.7 0.0 31.6



#35

Dibromofluoromethane

Concen: 47.991 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084500.D

Acq: 24 Oct 2024 19:57

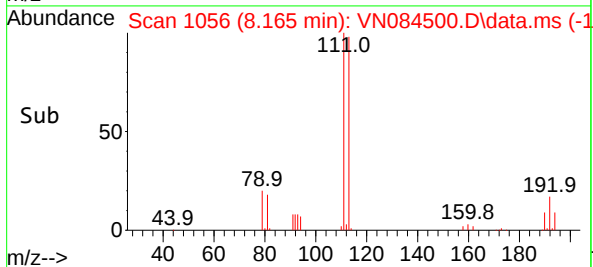
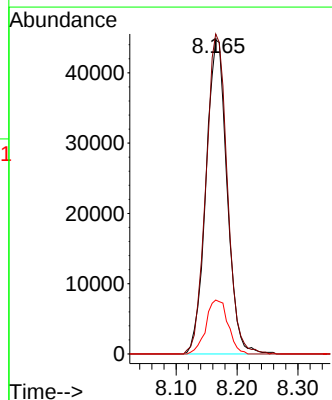
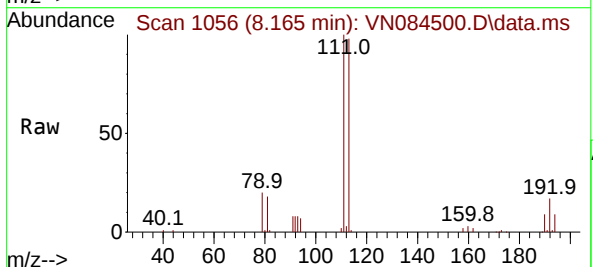
Tgt Ion:113 Resp: 107652

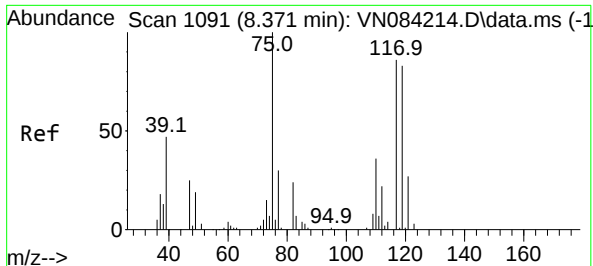
Ion Ratio Lower Upper

113 100

111 102.8 83.3 124.9

192 17.9 13.5 20.3





#36

1,1-Dichloropropene

Concen: 5.147 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

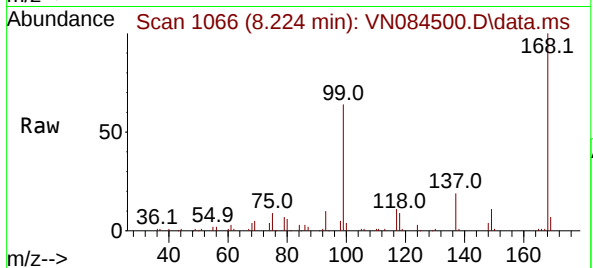
Lab File: VN084500.D

Acq: 24 Oct 2024 19:57

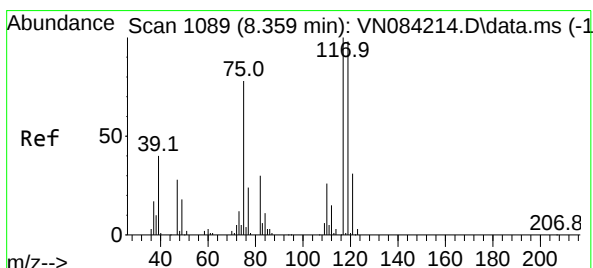
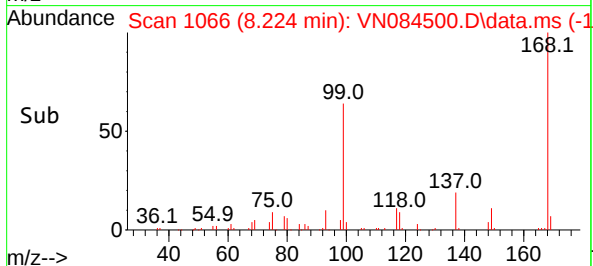
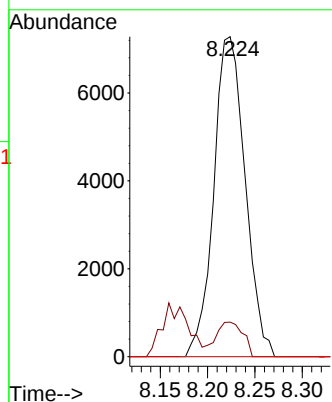
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	16769
Ion Ratio	Lower	Upper	
75	100		
110	9.0	16.9	50.7#
77	0.0	24.7	37.1#



#38

Carbon Tetrachloride

Concen: 5.950 ug/l

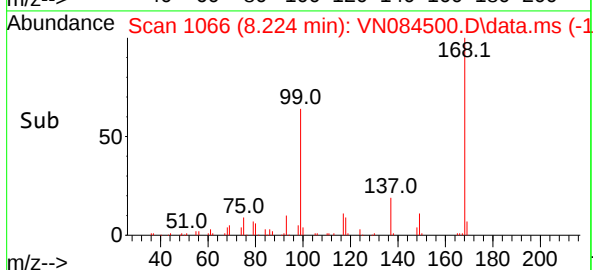
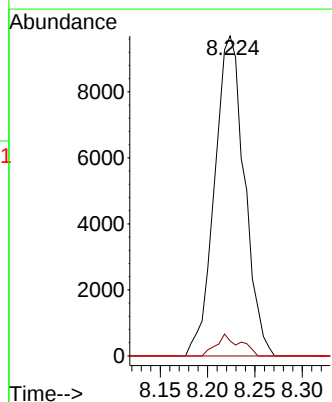
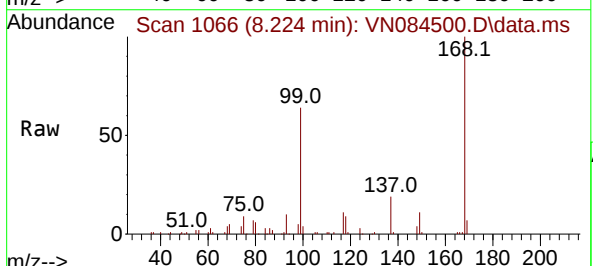
RT: 8.224 min Scan# 1066

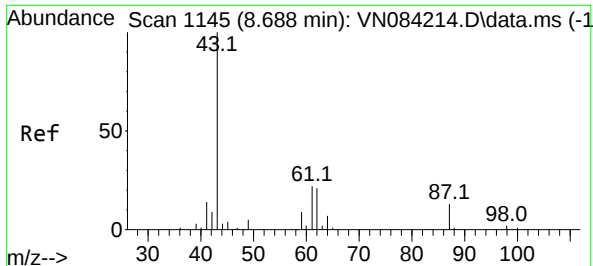
Delta R.T. -0.135 min

Lab File: VN084500.D

Acq: 24 Oct 2024 19:57

Tgt Ion:	117	Resp:	21267
Ion Ratio	Lower	Upper	
117	100		
119	4.7	78.7	118.1#
121	0.0	24.4	36.6#

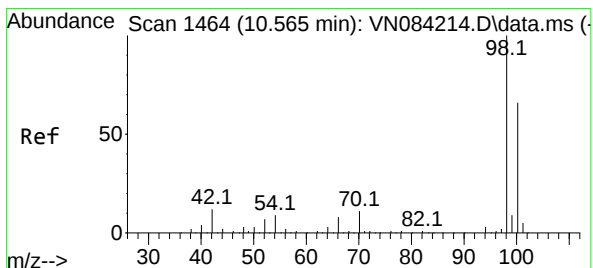
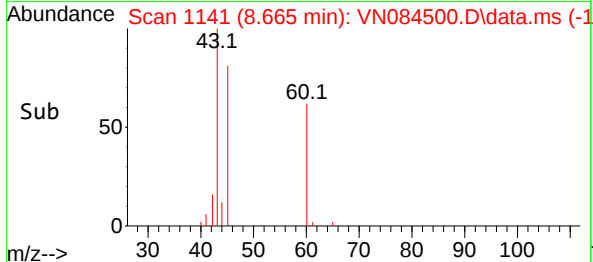
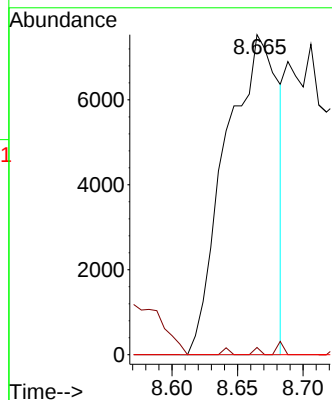
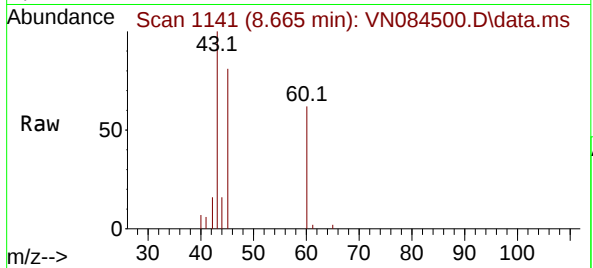




#43
Isopropyl Acetate
Concen: 3.202 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.024 min
Lab File: VN084500.D
Acq: 24 Oct 2024 19:57

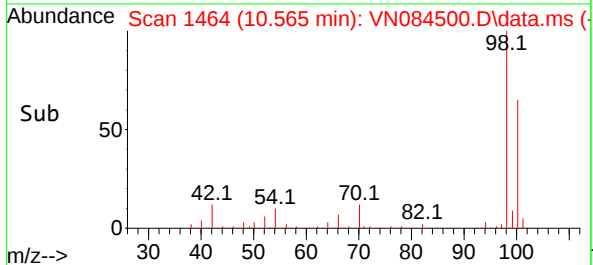
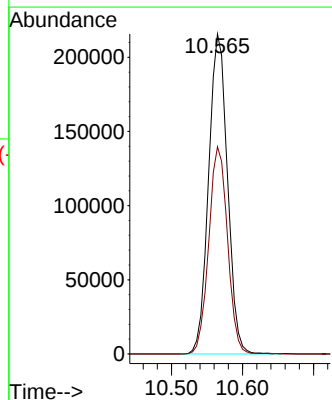
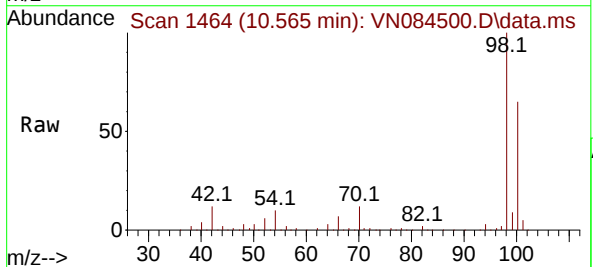
Instrument :
MSVOA_N
ClientSampleId :

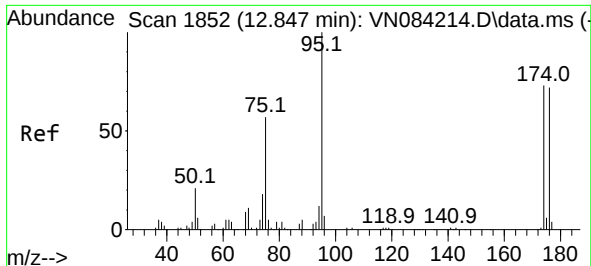
Tgt Ion: 43 Resp: 20967
Ion Ratio Lower Upper
43 100
61 0.5 20.4 30.6#
87 0.0 10.3 15.5#



#50
Toluene-d8
Concen: 48.182 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084500.D
Acq: 24 Oct 2024 19:57

Tgt Ion: 98 Resp: 397640
Ion Ratio Lower Upper
98 100
100 64.4 52.7 79.1

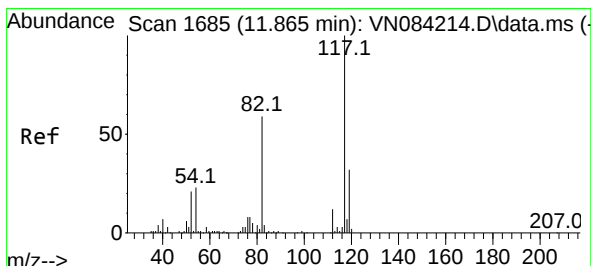
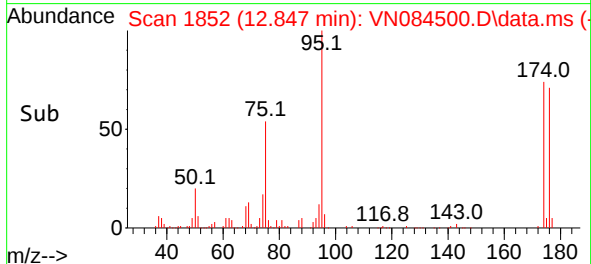
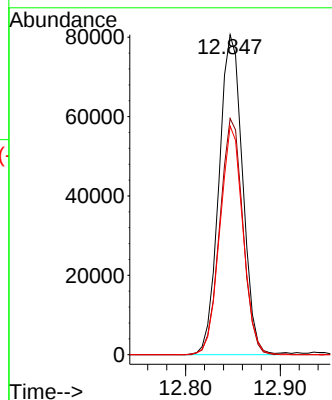
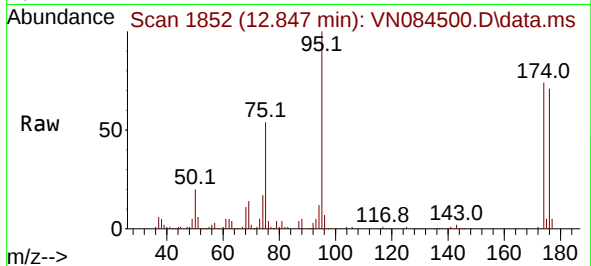




#62
4-Bromofluorobenzene
Concen: 46.430 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084500.D
Acq: 24 Oct 2024 19:57

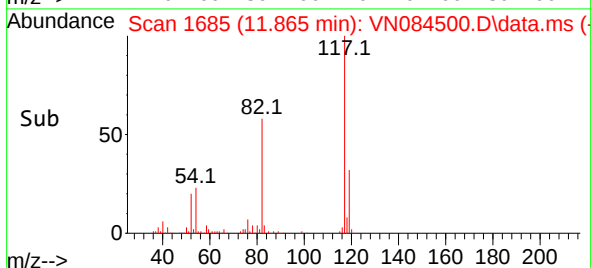
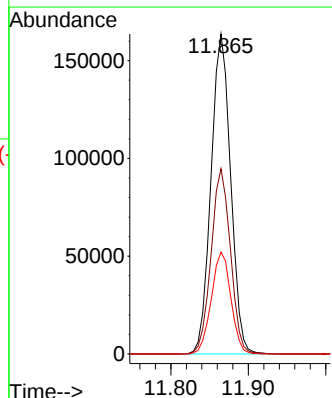
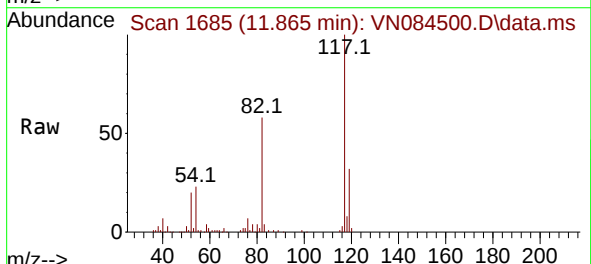
Instrument :
MSVOA_N
ClientSampleId :

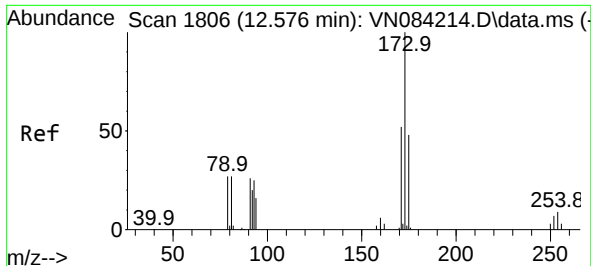
Tgt Ion: 95 Resp: 139596
Ion Ratio Lower Upper
95 100
174 72.1 0.0 145.2
176 69.8 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084500.D
Acq: 24 Oct 2024 19:57

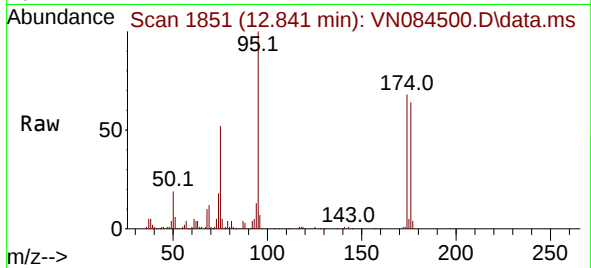
Tgt Ion: 117 Resp: 287711
Ion Ratio Lower Upper
117 100
82 57.9 47.2 70.8
119 31.9 25.4 38.0



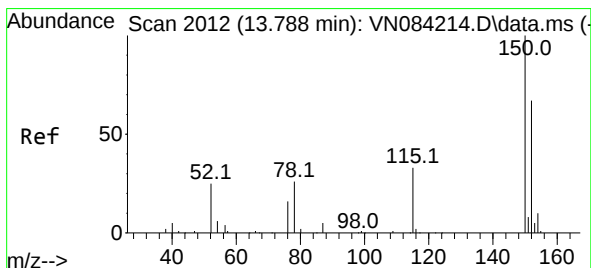
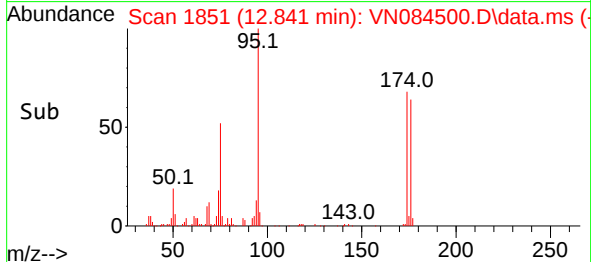
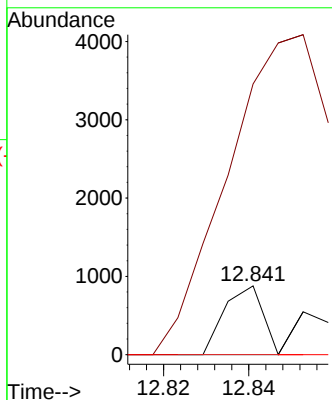


#71
Bromoform
Concen: 0.341 ug/l
RT: 12.841 min Scan# 11
Delta R.T. 0.265 min
Lab File: VN084500.D
Acq: 24 Oct 2024 19:57

Instrument :
MSVOA_N
ClientSampleId :

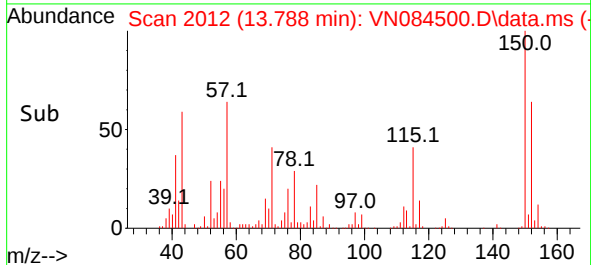
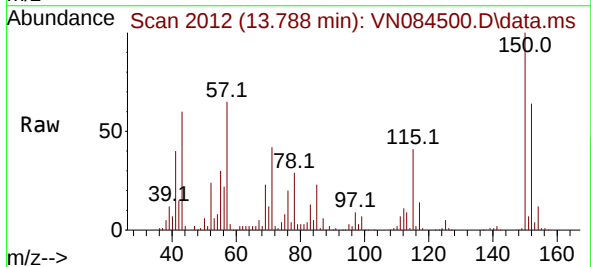
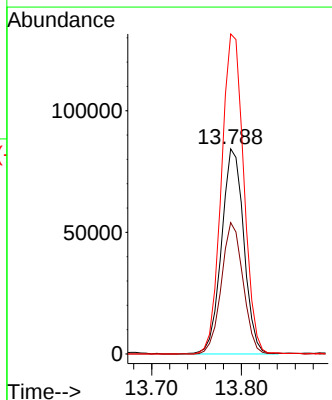


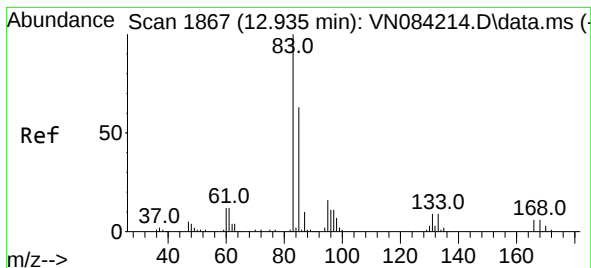
Tgt Ion:173 Resp: 551
Ion Ratio Lower Upper
173 100
175 0.0 23.5 70.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN084500.D
Acq: 24 Oct 2024 19:57

Tgt Ion:152 Resp: 145404
Ion Ratio Lower Upper
152 100
115 62.4 31.3 93.9
150 156.5 0.0 349.8

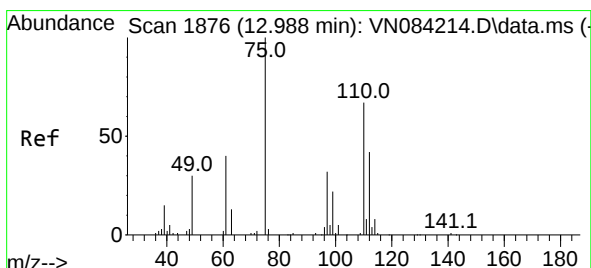
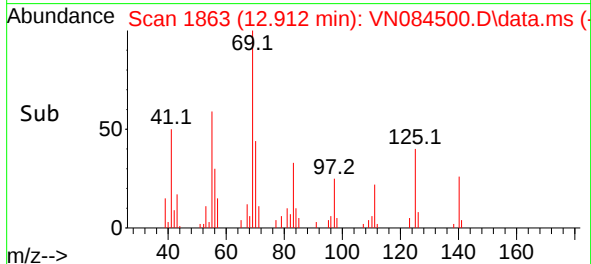
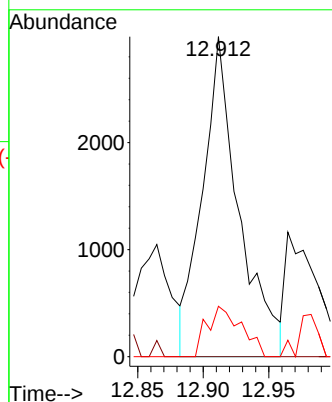
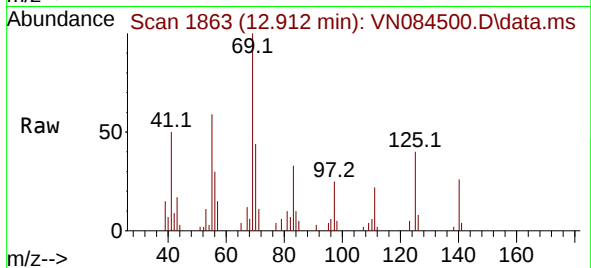




#75
1,1,2,2-Tetrachloroethane
Concen: 1.726 ug/l
RT: 12.912 min Scan# 1852
Delta R.T. -0.024 min
Lab File: VN084500.D
Acq: 24 Oct 2024 19:57

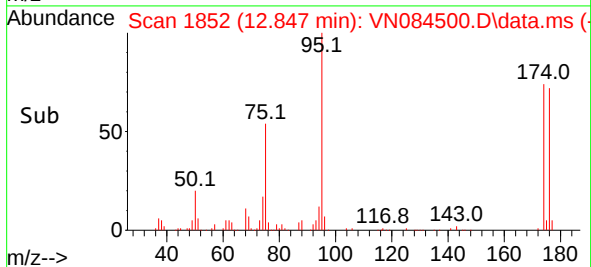
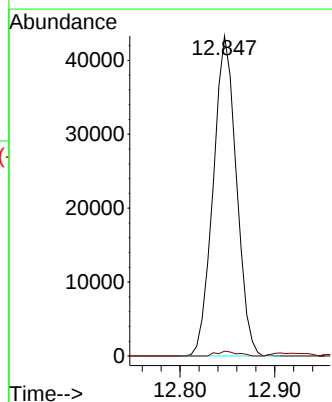
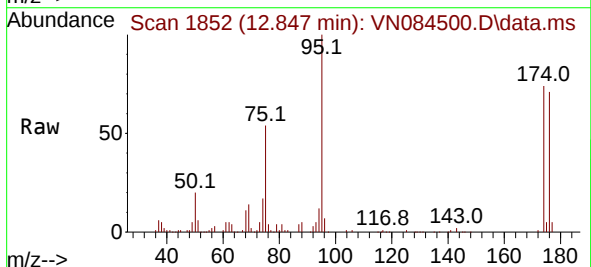
Instrument :
MSVOA_N
ClientSampleId :

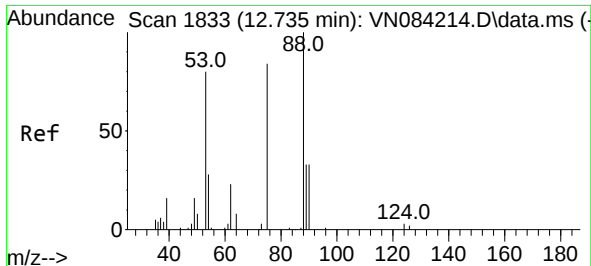
Tgt Ion: 83 Resp: 5757
Ion Ratio Lower Upper
83 100
131 0.0 4.9 14.7#
85 14.9 31.9 95.7#



#76
1,2,3-Trichloropropane
Concen: 24.821 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084500.D
Acq: 24 Oct 2024 19:57

Tgt Ion: 75 Resp: 73679
Ion Ratio Lower Upper
75 100
77 1.3 96.9 290.7#

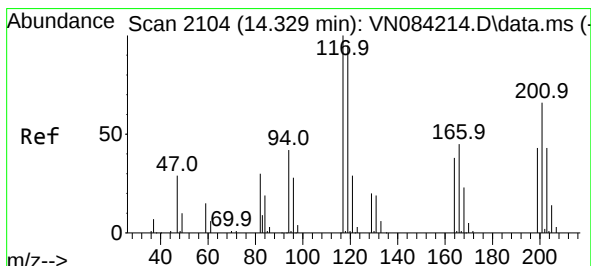
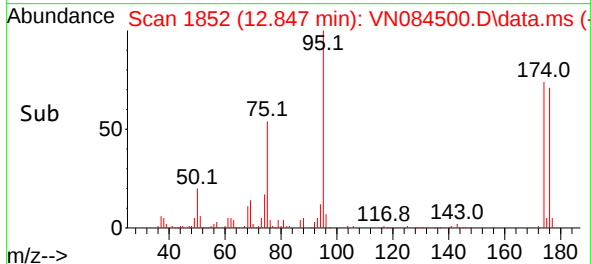
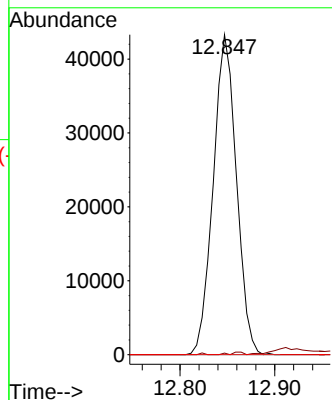
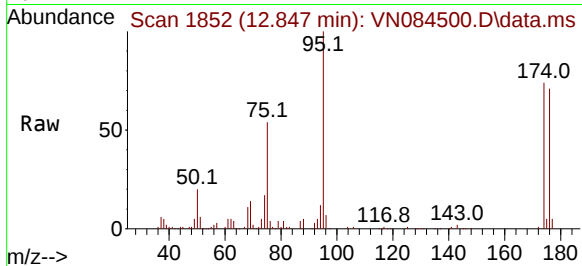




#81
trans-1,4-Dichloro-2-butene
Concen: 59.506 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN084500.D
Acq: 24 Oct 2024 19:57

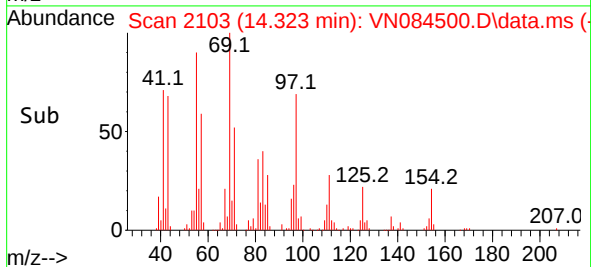
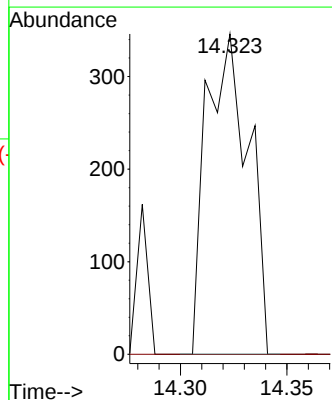
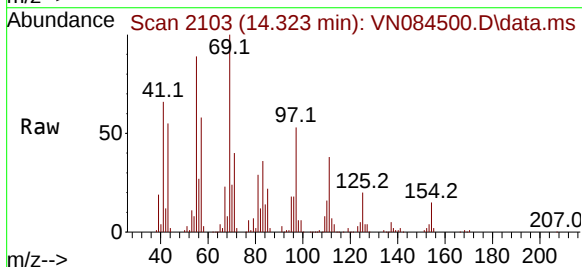
Instrument :
MSVOA_N
ClientSampleId :

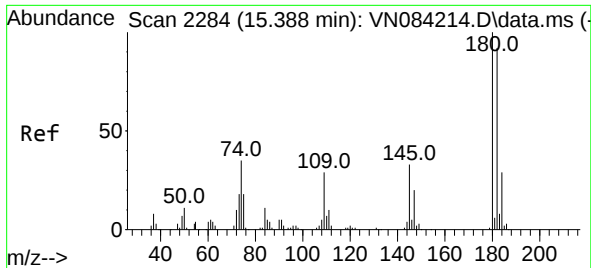
Tgt Ion: 75 Resp: 73679
Ion Ratio Lower Upper
75 100
53 0.4 78.0 117.0#
89 0.0 35.5 53.3#



#90
Hexachloroethane
Concen: 0.265 ug/l
RT: 14.323 min Scan# 2103
Delta R.T. -0.006 min
Lab File: VN084500.D
Acq: 24 Oct 2024 19:57

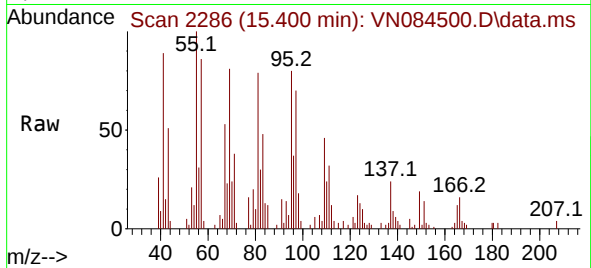
Tgt Ion: 117 Resp: 477
Ion Ratio Lower Upper
117 100
201 0.0 34.4 103.2#



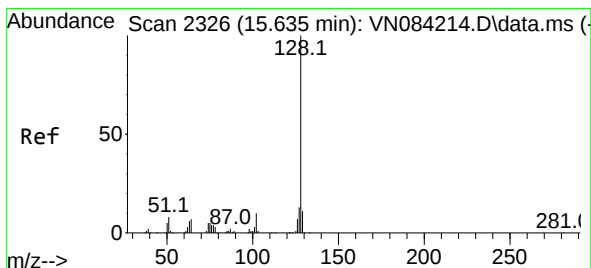
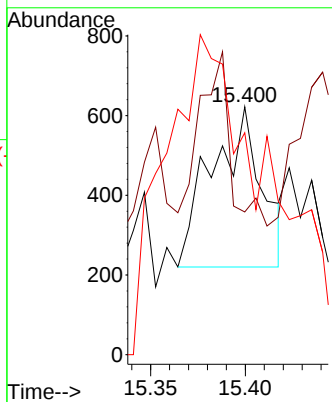
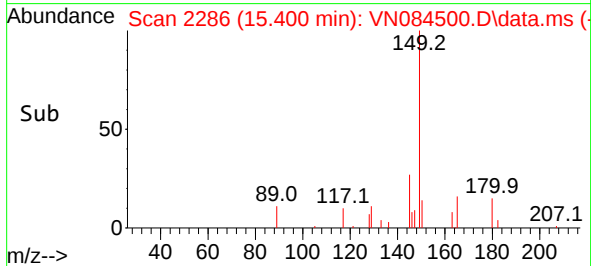


#93
1,2,4-Trichlorobenzene
Concen: 0.303 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.012 min
Lab File: VN084500.D
Acq: 24 Oct 2024 19:57

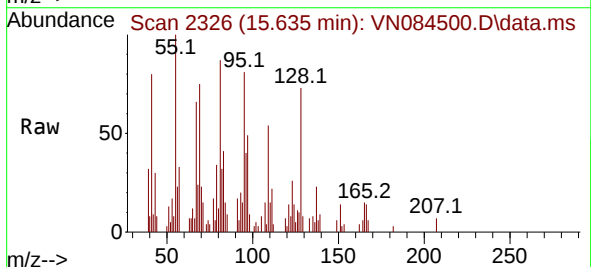
Instrument :
MSVOA_N
ClientSampleId :



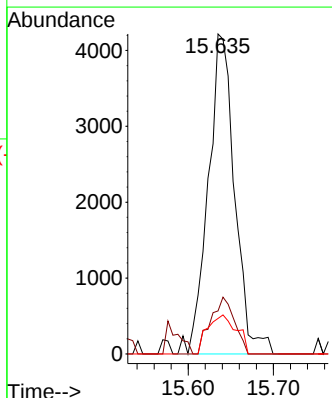
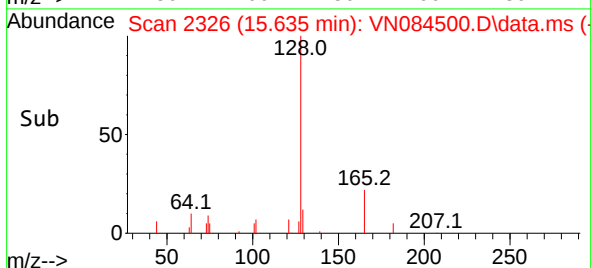
Tgt Ion:180 Resp: 735
Ion Ratio Lower Upper
180 100
182 0.0 47.0 141.0#
145 0.0 16.4 49.4#

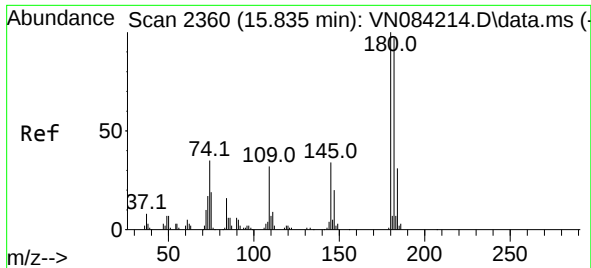


#95
Naphthalene
Concen: 1.137 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN084500.D
Acq: 24 Oct 2024 19:57



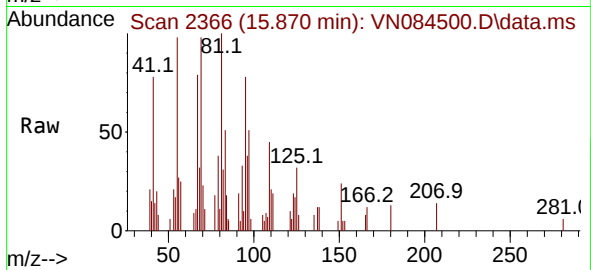
Tgt Ion:128 Resp: 9140
Ion Ratio Lower Upper
128 100
127 15.9 10.5 15.7#
129 13.3 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.443 ug/l
 RT: 15.870 min Scan# 21
 Delta R.T. 0.035 min
 Lab File: VN084500.D
 Acq: 24 Oct 2024 19:57

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	5.0	48.2	144.6#
145	0.0	17.3	51.9#

