

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102224\
 Data File : VN084452.D
 Acq On : 22 Oct 2024 13:38
 Operator : JC\MD
 Sample : VN1022WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1022WBL01

Quant Time: Oct 23 01:26:49 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)

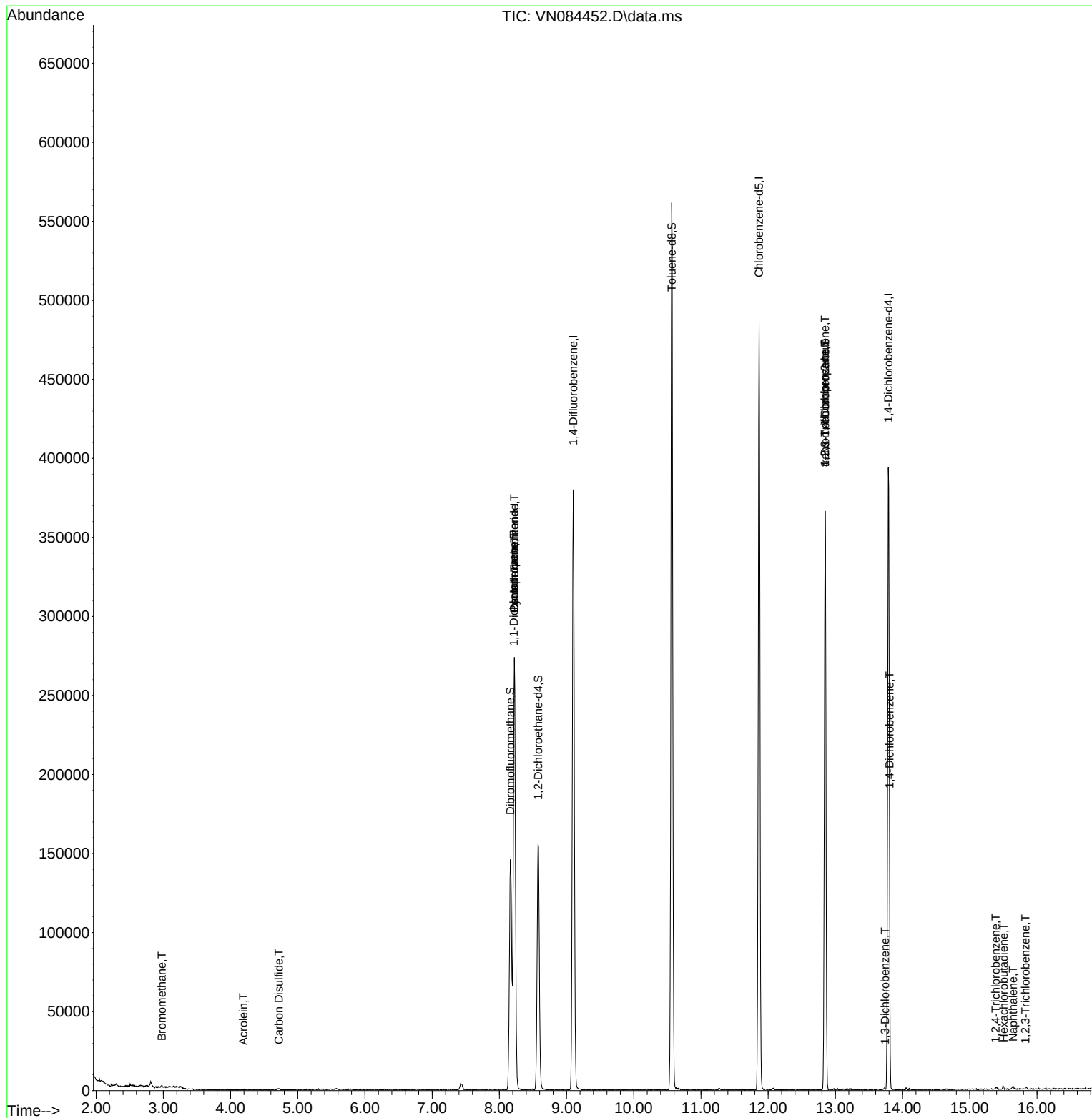
Internal Standards						
1) Pentafluorobenzene	8.224	168	195991	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	325943	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	276681	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	106919	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	132772	45.690	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.380%
35) Dibromofluoromethane	8.165	113	107332	49.949	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.900%
50) Toluene-d8	10.565	98	389764	49.301	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.600%
62) 4-Bromofluorobenzene	12.847	95	129594	44.996	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	90.000%
Target Compounds						
					Qvalue	
5) Bromomethane	2.977	94	794	0.469	ug/l #	66
13) Acrolein	4.189	56	197	0.358	ug/l #	14
17) Carbon Disulfide	4.718	76	1678	0.240	ug/l #	75
31) Cyclohexane	8.224	56	4316	1.003	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	16671	5.341	ug/l #	49
38) Carbon Tetrachloride	8.224	117	21388	6.247	ug/l #	15
76) 1,2,3-Trichloropropane	12.847	75	67834	31.077	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	67834	74.505	ug/l #	11
87) 1,3-Dichlorobenzene	13.741	146	774	0.210	ug/l #	67
88) 1,4-Dichlorobenzene	13.806	146	1077	0.289	ug/l #	14
93) 1,2,4-Trichlorobenzene	15.388	180	670	0.376	ug/l #	75
94) Hexachlorobutadiene	15.506	225	553	0.622	ug/l	74
95) Naphthalene	15.647	128	2698	0.456	ug/l #	81
96) 1,2,3-Trichlorobenzene	15.829	180	701	0.393	ug/l #	82

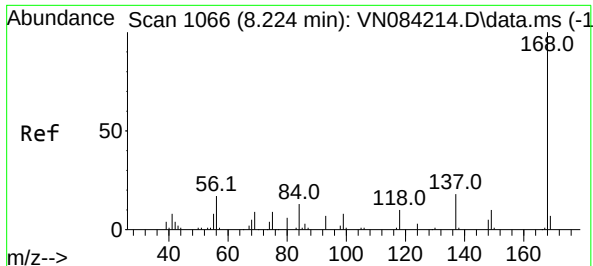
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102224\
Data File : VN084452.D
Acq On : 22 Oct 2024 13:38
Operator : JC\MD
Sample : VN1022WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBL01

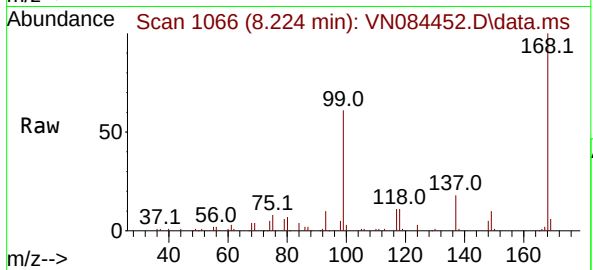
Quant Time: Oct 23 01:26:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
Response via : Initial Calibration



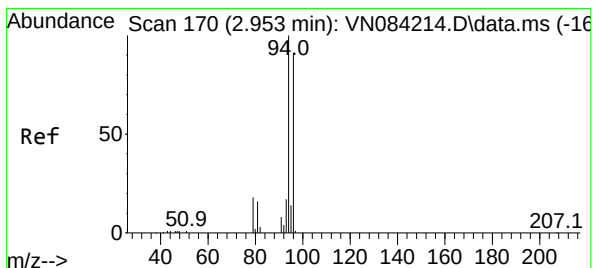
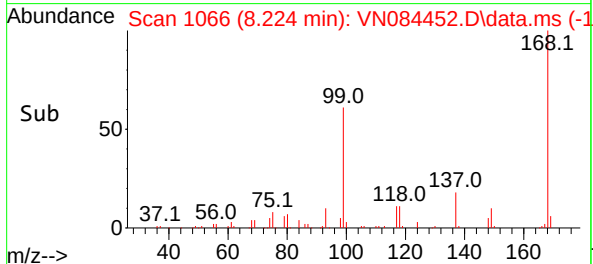
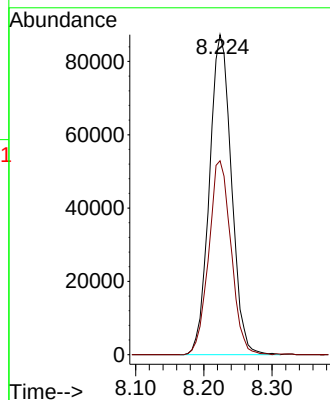


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084452.D
Acq: 22 Oct 2024 13:38

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBL01

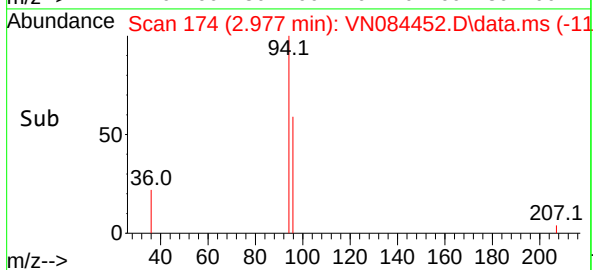
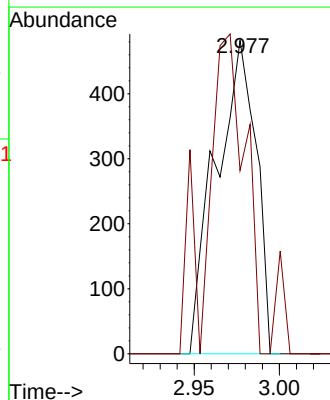
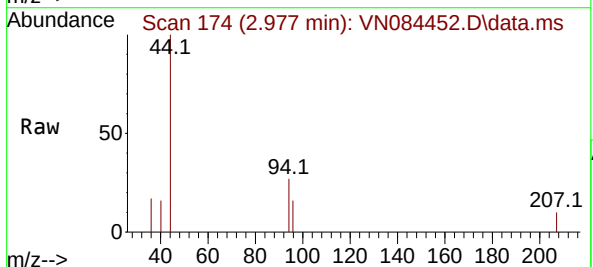


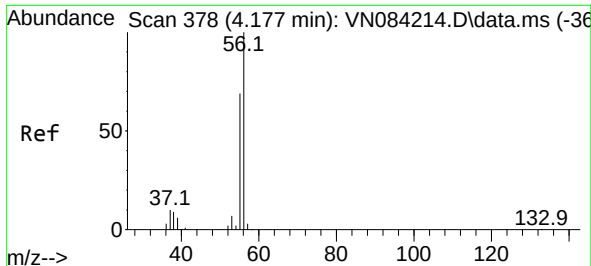
Tgt Ion:168 Resp: 195991
Ion Ratio Lower Upper
168 100
99 60.6 54.2 81.2



#5
Bromomethane
Concen: 0.469 ug/l
RT: 2.977 min Scan# 174
Delta R.T. 0.023 min
Lab File: VN084452.D
Acq: 22 Oct 2024 13:38

Tgt Ion: 94 Resp: 794
Ion Ratio Lower Upper
94 100
96 58.5 72.9 109.3#





#13

Acrolein

Concen: 0.358 ug/l

RT: 4.189 min Scan# 31

Delta R.T. 0.012 min

Lab File: VN084452.D

Acq: 22 Oct 2024 13:38

Instrument :

MSVOA_N

ClientSampleId :

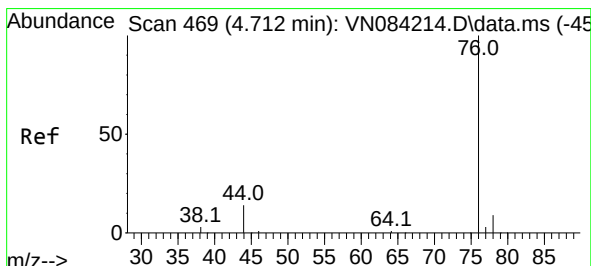
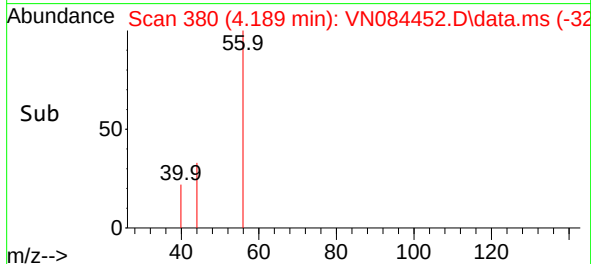
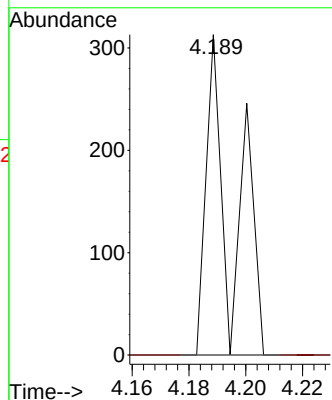
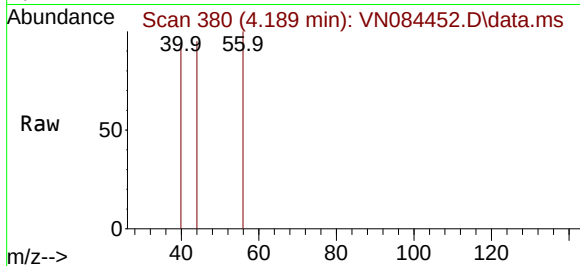
VN1022WBL01

Tgt Ion: 56 Resp: 197

Ion Ratio Lower Upper

56 100

55 0.0 57.2 85.8#



#17

Carbon Disulfide

Concen: 0.240 ug/l

RT: 4.718 min Scan# 470

Delta R.T. 0.006 min

Lab File: VN084452.D

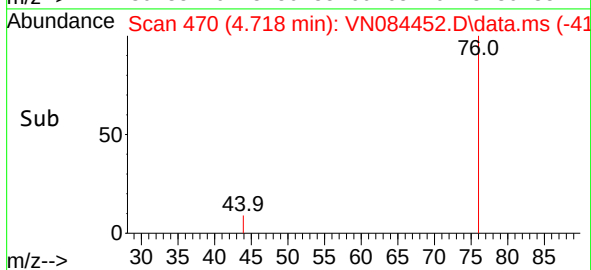
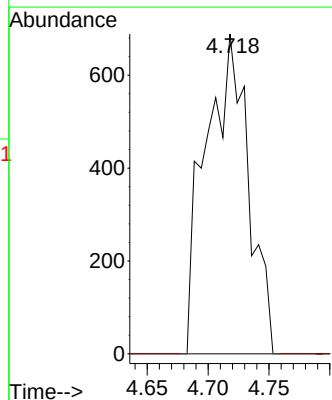
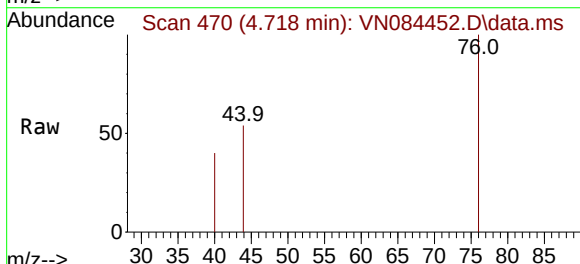
Acq: 22 Oct 2024 13:38

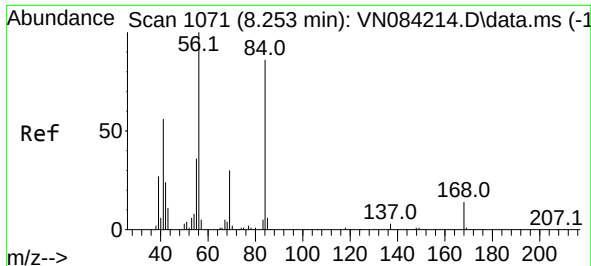
Tgt Ion: 76 Resp: 1678

Ion Ratio Lower Upper

76 100

78 0.0 7.3 10.9#

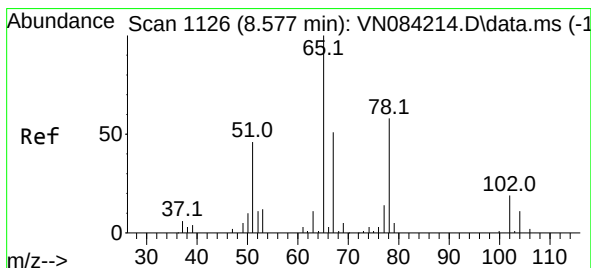
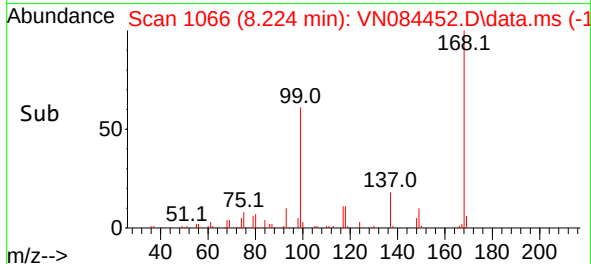
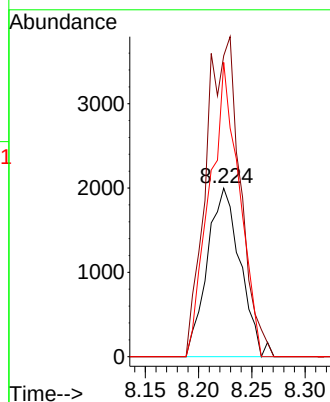
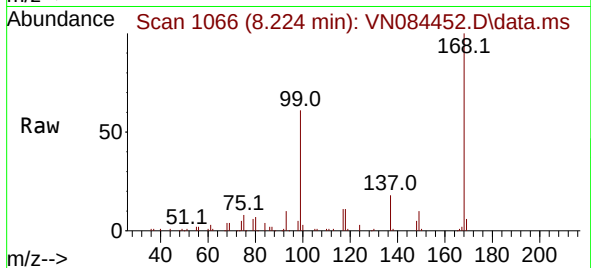




#31
Cyclohexane
Concen: 1.003 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084452.D
Acq: 22 Oct 2024 13:38

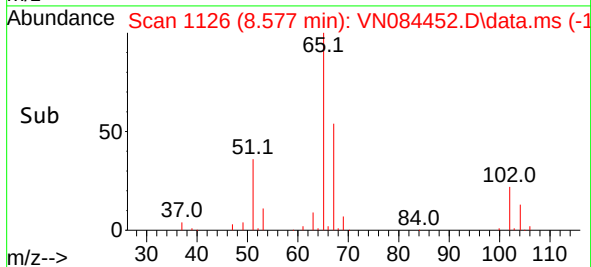
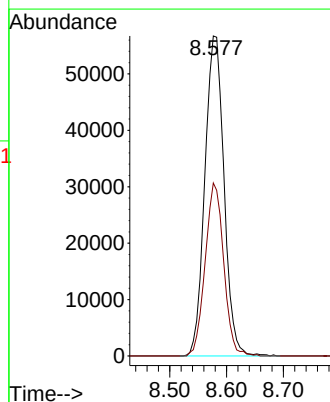
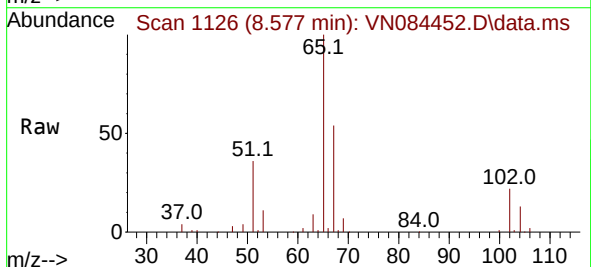
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBL01

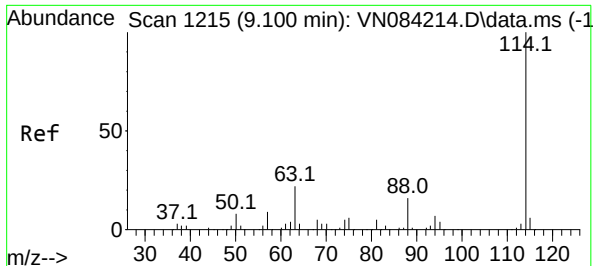
Tgt Ion: 56 Resp: 4316
Ion Ratio Lower Upper
56 100
69 178.5 23.8 35.6#
84 174.5 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 45.690 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084452.D
Acq: 22 Oct 2024 13:38

Tgt Ion: 65 Resp: 132772
Ion Ratio Lower Upper
65 100
67 52.2 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN084452.D

Acq: 22 Oct 2024 13:38

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBL01

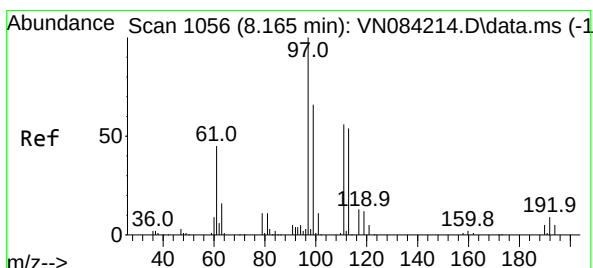
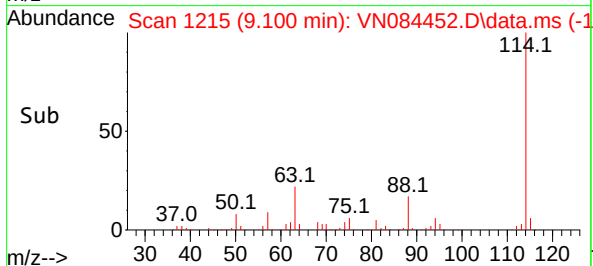
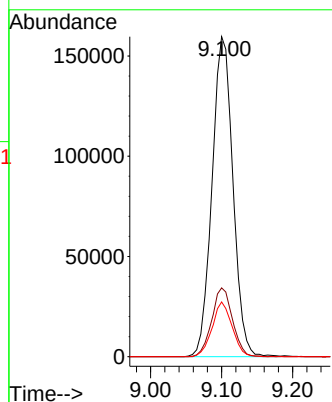
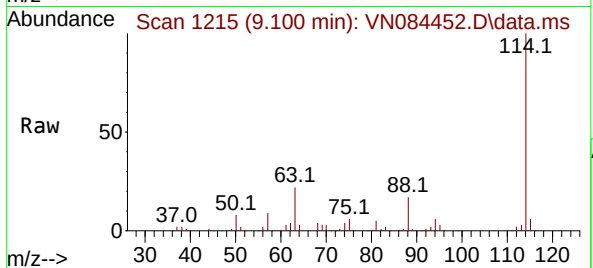
Tgt Ion:114 Resp: 325943

Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.8

88 17.1 0.0 31.6



#35

Dibromofluoromethane

Concen: 49.949 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084452.D

Acq: 22 Oct 2024 13:38

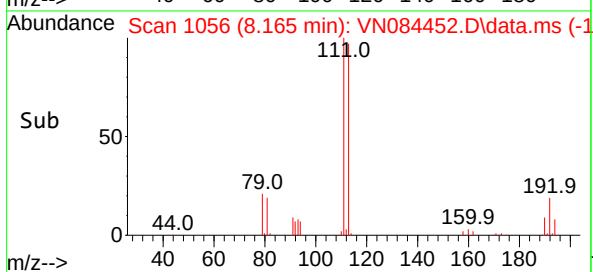
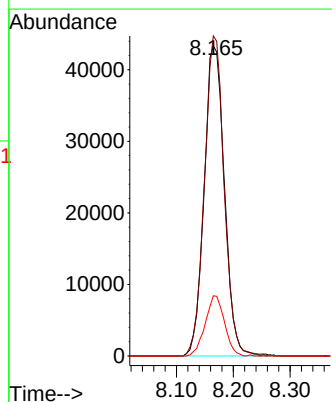
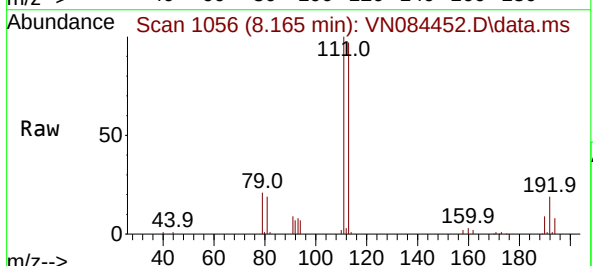
Tgt Ion:113 Resp: 107332

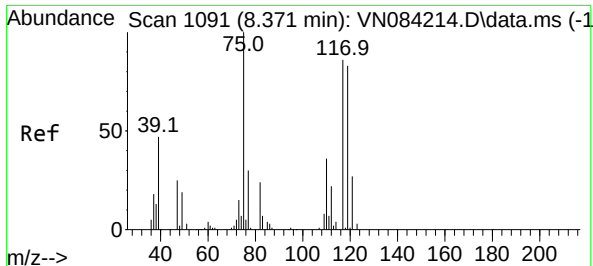
Ion Ratio Lower Upper

113 100

111 100.4 83.3 124.9

192 18.4 13.5 20.3





#36

1,1-Dichloropropene

Concen: 5.341 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN084452.D

Acq: 22 Oct 2024 13:38

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBL01

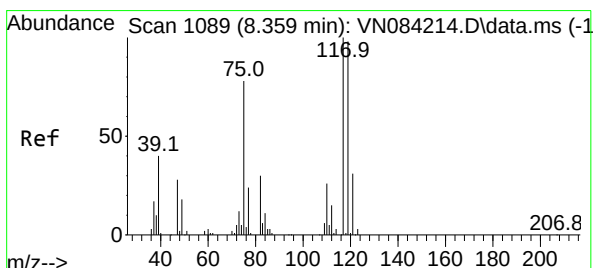
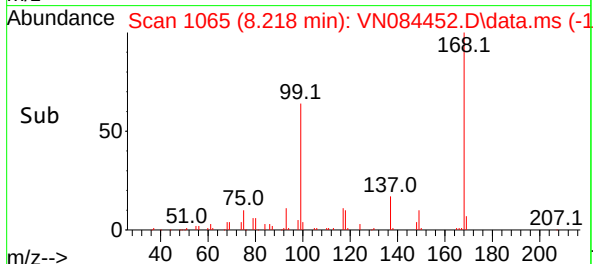
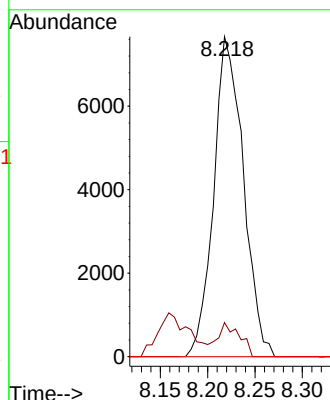
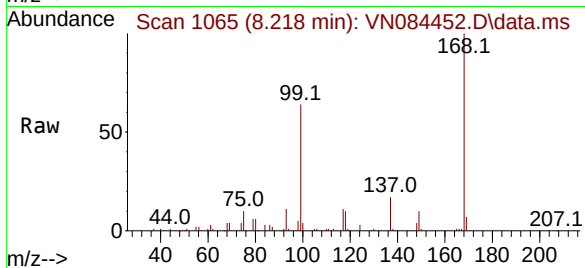
Tgt Ion: 75 Resp: 16671

Ion Ratio Lower Upper

75 100

110 7.9 16.9 50.7#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.247 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN084452.D

Acq: 22 Oct 2024 13:38

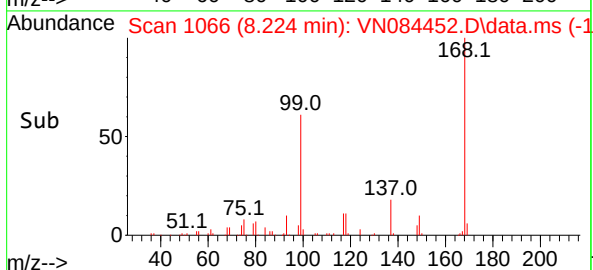
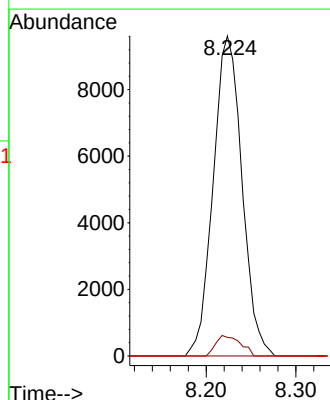
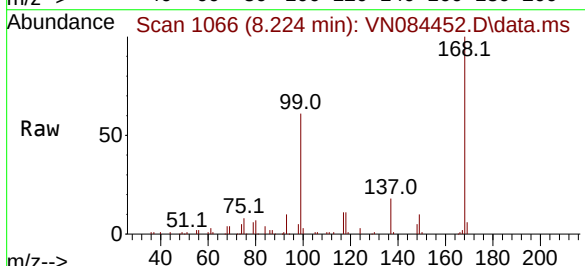
Tgt Ion: 117 Resp: 21388

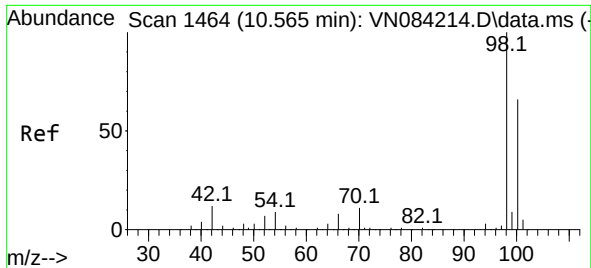
Ion Ratio Lower Upper

117 100

119 5.8 78.7 118.1#

121 0.0 24.4 36.6#

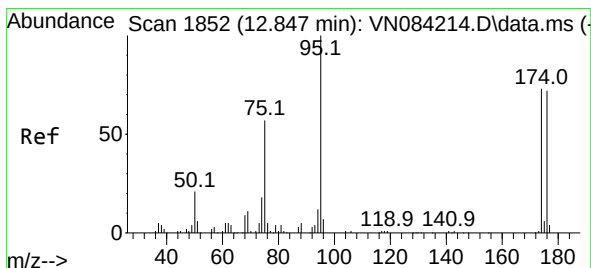
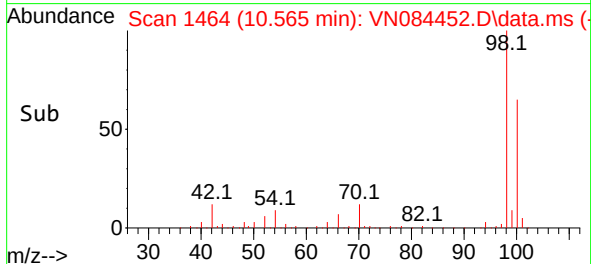
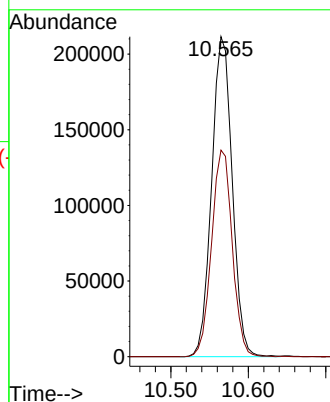
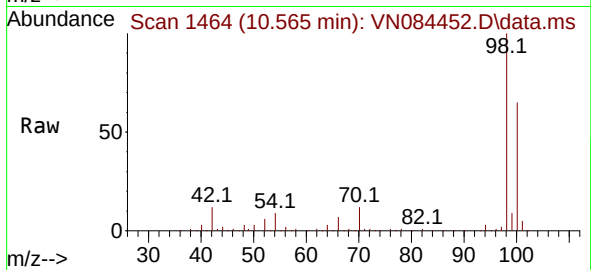




#50
Toluene-d8
Concen: 49.301 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084452.D
Acq: 22 Oct 2024 13:38

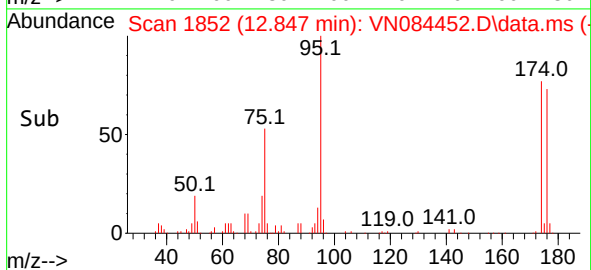
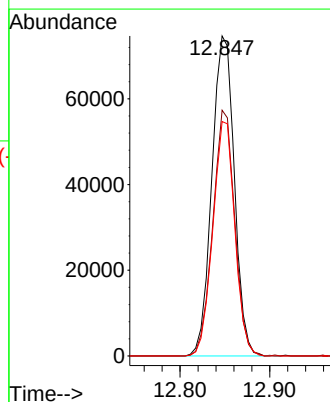
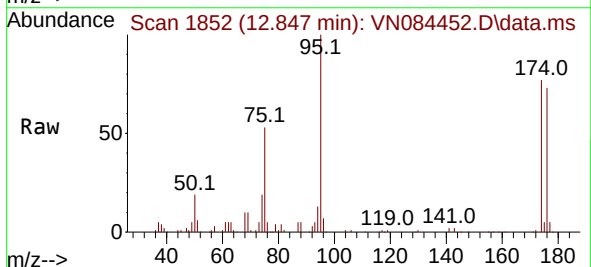
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBL01

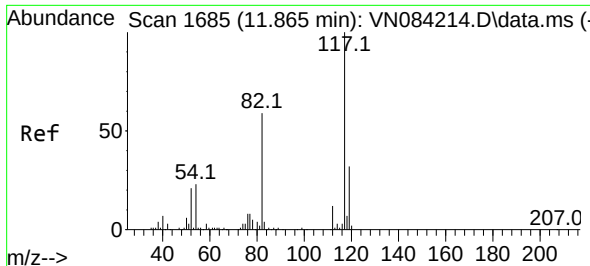
Tgt Ion: 98 Resp: 389764
Ion Ratio Lower Upper
98 100
100 64.8 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 44.996 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084452.D
Acq: 22 Oct 2024 13:38

Tgt Ion: 95 Resp: 129594
Ion Ratio Lower Upper
95 100
174 75.1 0.0 145.2
176 71.8 0.0 140.0

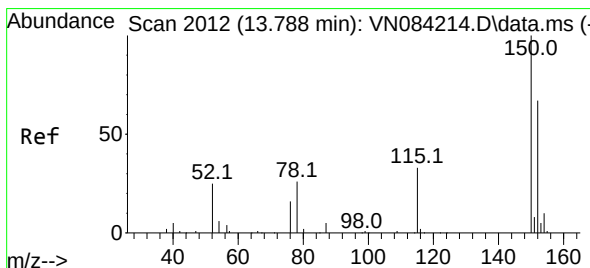
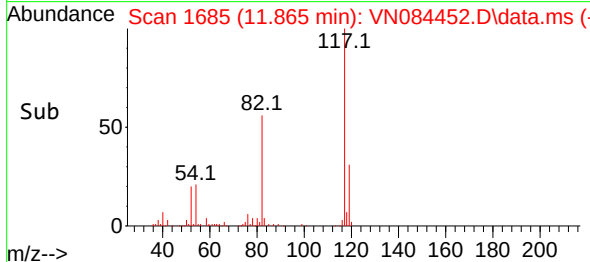
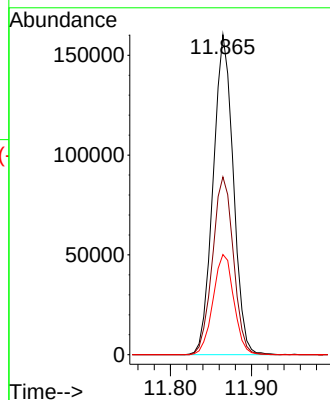
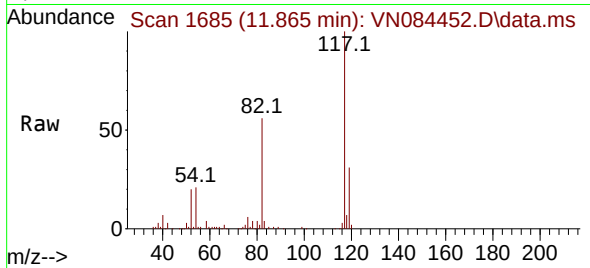




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN084452.D
Acq: 22 Oct 2024 13:38

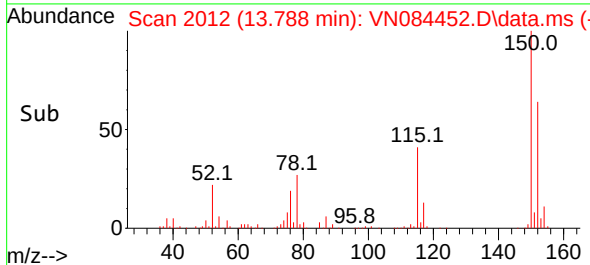
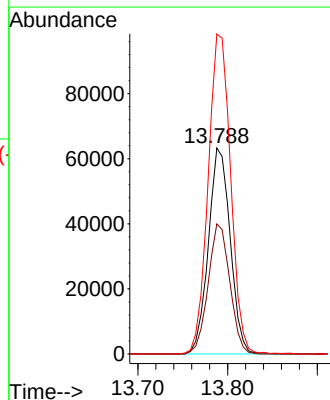
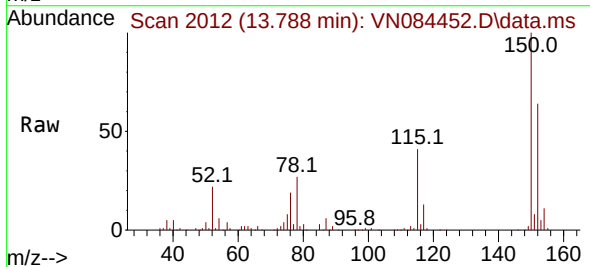
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBL01

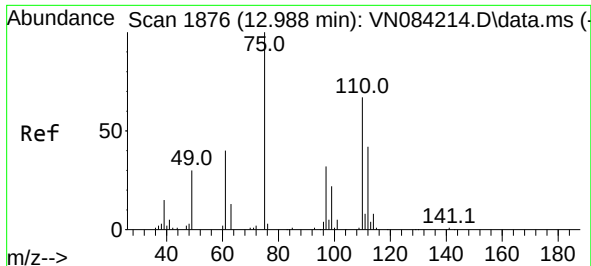
Tgt Ion:117 Resp: 276681
Ion Ratio Lower Upper
117 100
82 55.5 47.2 70.8
119 31.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN084452.D
Acq: 22 Oct 2024 13:38

Tgt Ion:152 Resp: 106919
Ion Ratio Lower Upper
152 100
115 62.5 31.3 93.9
150 160.2 0.0 349.8

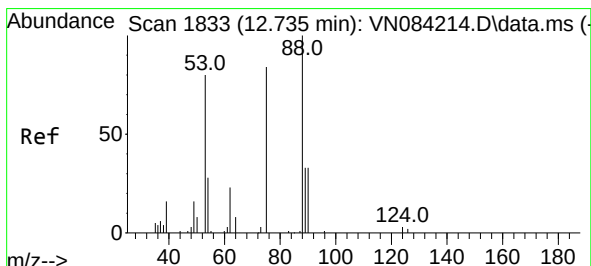
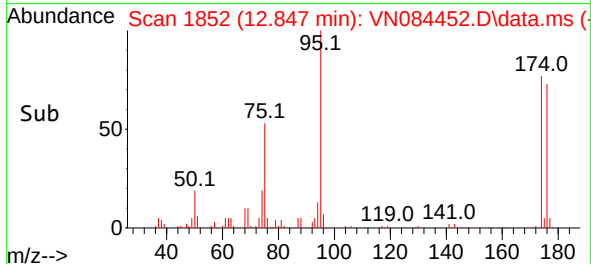
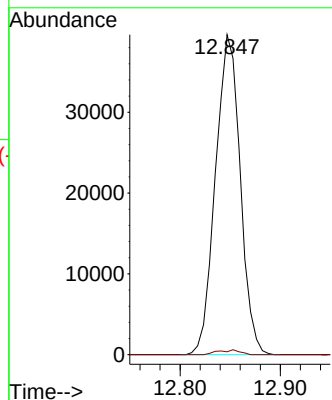
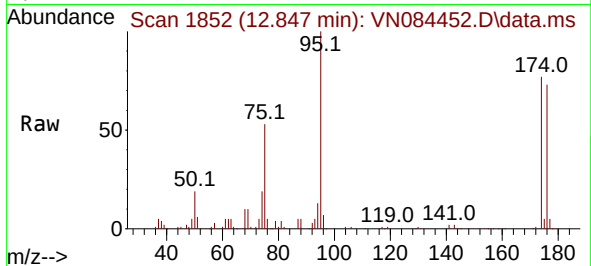




#76
1,2,3-Trichloropropane
Concen: 31.077 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084452.D
Acq: 22 Oct 2024 13:38

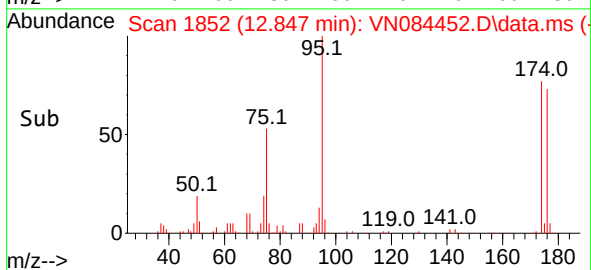
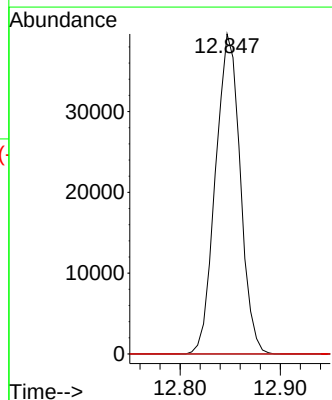
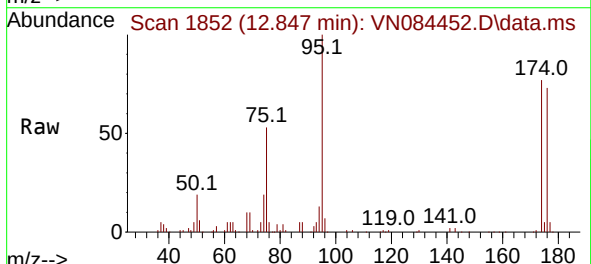
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBL01

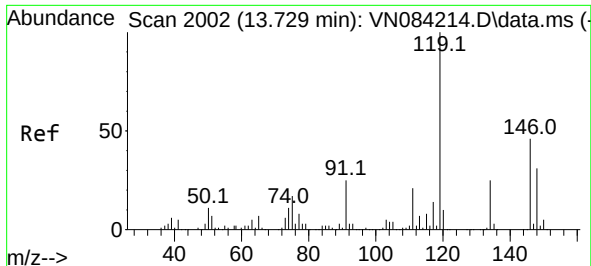
Tgt Ion: 75 Resp: 67834
Ion Ratio Lower Upper
75 100
77 1.4 96.9 290.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.505 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084452.D
Acq: 22 Oct 2024 13:38

Tgt Ion: 75 Resp: 67834
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#

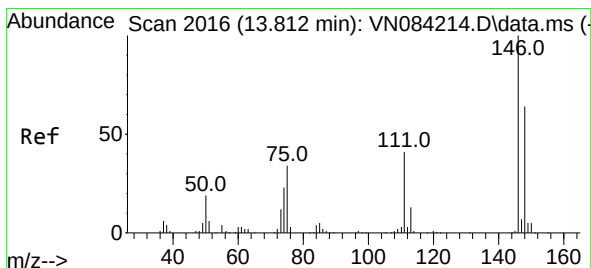
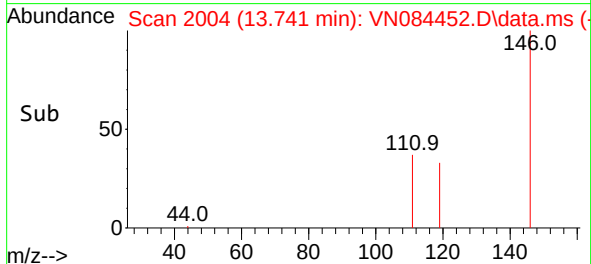
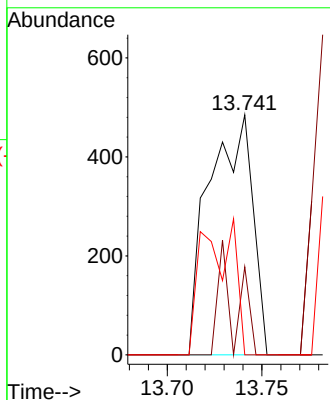
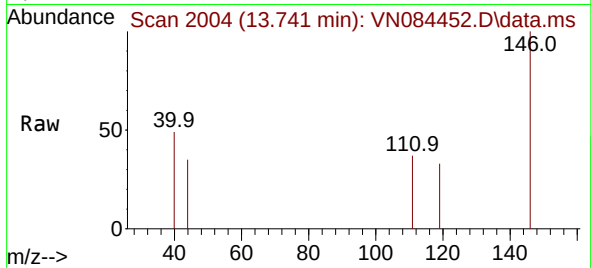




#87
1,3-Dichlorobenzene
Concen: 0.210 ug/l
RT: 13.741 min Scan# 2015
Delta R.T. 0.012 min
Lab File: VN084452.D
Acq: 22 Oct 2024 13:38

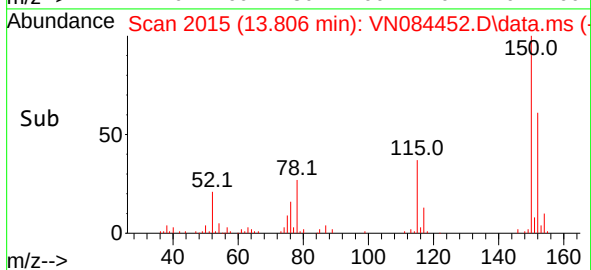
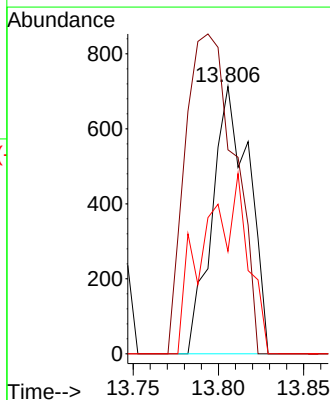
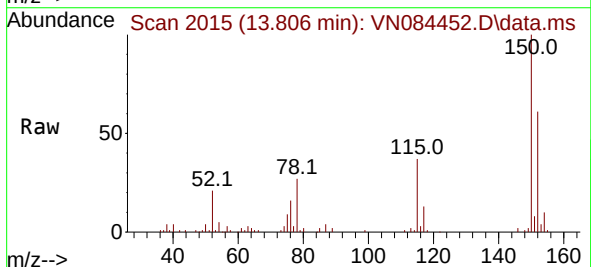
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBL01

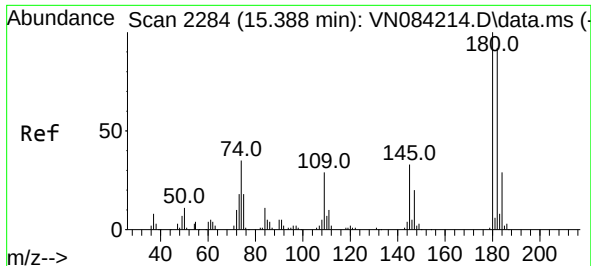
Tgt Ion:146 Resp: 774
Ion Ratio Lower Upper
146 100
111 18.7 21.8 65.3#
148 41.2 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 0.289 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN084452.D
Acq: 22 Oct 2024 13:38

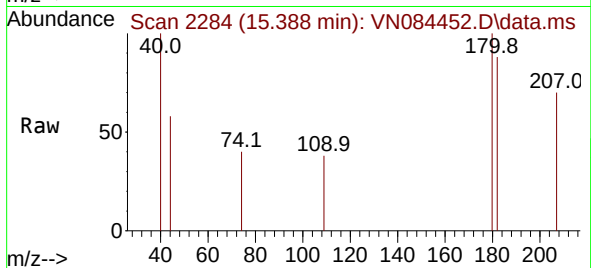
Tgt Ion:146 Resp: 1077
Ion Ratio Lower Upper
146 100
111 159.6 21.2 63.6#
148 79.9 31.9 95.9



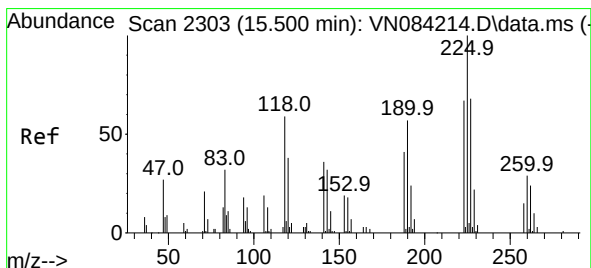
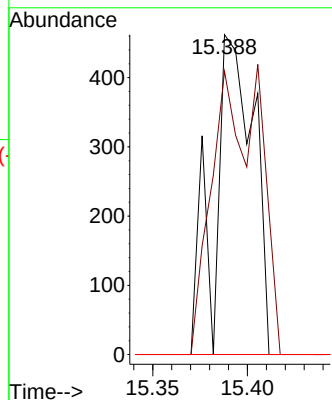
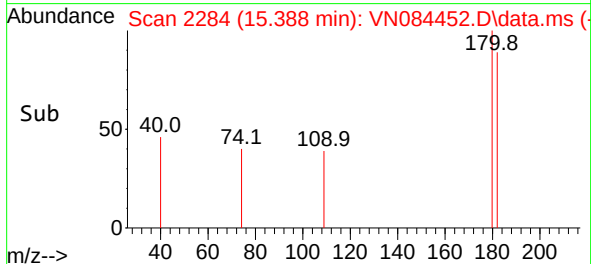


#93
1,2,4-Trichlorobenzene
Concen: 0.376 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN084452.D
Acq: 22 Oct 2024 13:38

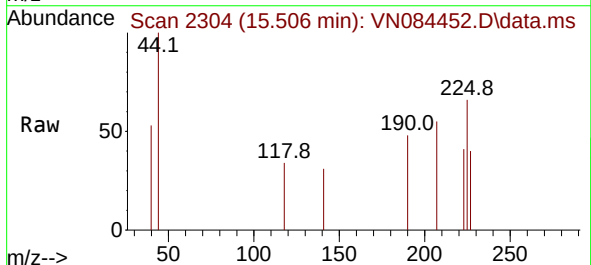
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBL01



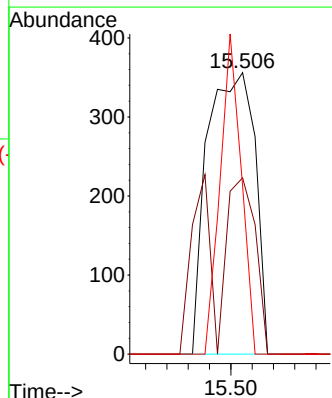
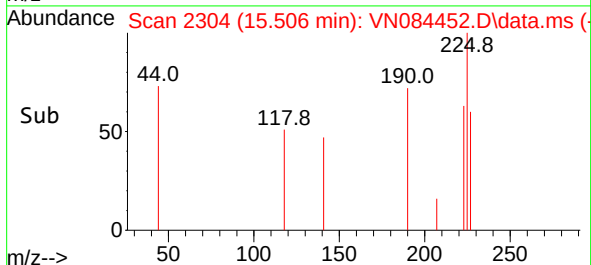
Tgt Ion:180 Resp: 670
Ion Ratio Lower Upper
180 100
182 107.3 47.0 141.0
145 0.0 16.4 49.4#

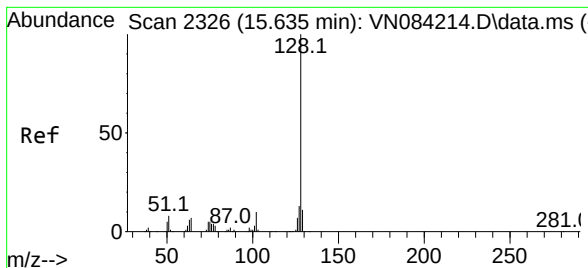


#94
Hexachlorobutadiene
Concen: 0.622 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN084452.D
Acq: 22 Oct 2024 13:38



Tgt Ion:225 Resp: 553
Ion Ratio Lower Upper
225 100
223 37.8 32.4 97.2
227 50.5 32.4 97.0





#95

Naphthalene

Concen: 0.456 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.012 min

Lab File: VN084452.D

Acq: 22 Oct 2024 13:38

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBL01

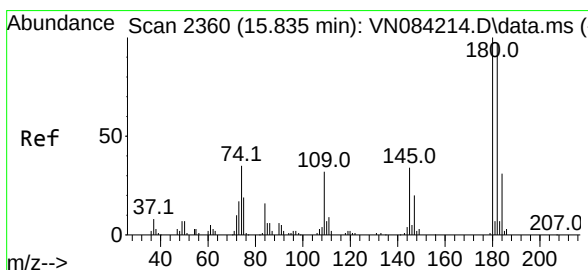
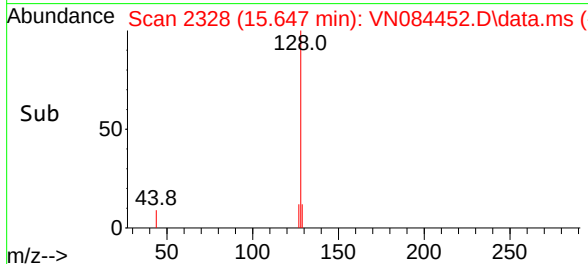
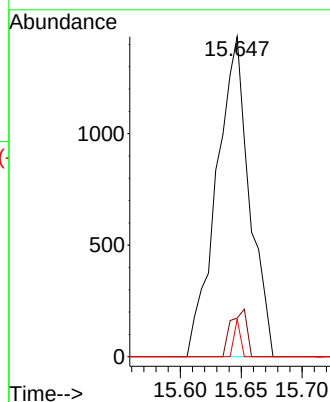
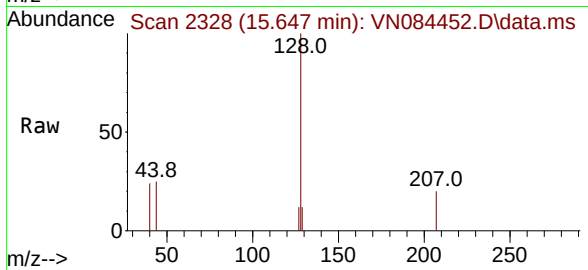
Tgt Ion:128 Resp: 2698

Ion Ratio Lower Upper

128 100

127 7.2 10.5 15.7#

129 2.2 8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 0.393 ug/l

RT: 15.829 min Scan# 2359

Delta R.T. -0.006 min

Lab File: VN084452.D

Acq: 22 Oct 2024 13:38

Tgt Ion:180 Resp: 701

Ion Ratio Lower Upper

180 100

182 87.9 48.2 144.6

145 8.8 17.3 51.9#

