

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102124\
 Data File : VN084430.D
 Acq On : 21 Oct 2024 12:36
 Operator : JC\MD
 Sample : VN1021WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBL01

Quant Time: Oct 22 07:53:41 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

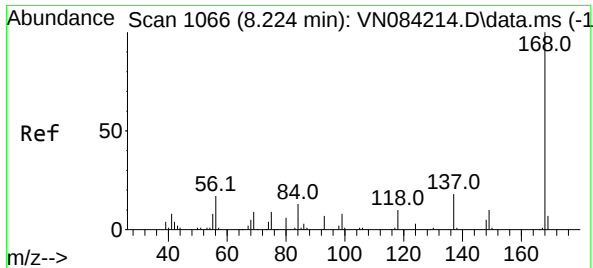
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	167468	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	295479	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	254088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	99954	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	120667	48.597	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.200%
35) Dibromofluoromethane	8.165	113	99495	51.076	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.160%
50) Toluene-d8	10.565	98	349958	48.830	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.660%
62) 4-Bromofluorobenzene	12.847	95	116683	44.690	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	89.380%
Target Compounds						
					Qvalue	
31) Cyclohexane	8.218	56	3994	1.086	ug/l #	25
36) 1,1-Dichloropropene	8.224	75	14827	5.240	ug/l #	51
38) Carbon Tetrachloride	8.224	117	18180	5.857	ug/l #	16
51) 4-Methyl-2-Pentanone	10.571	43	1443	0.522	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	59652	29.233	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	59652	70.084	ug/l #	11

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

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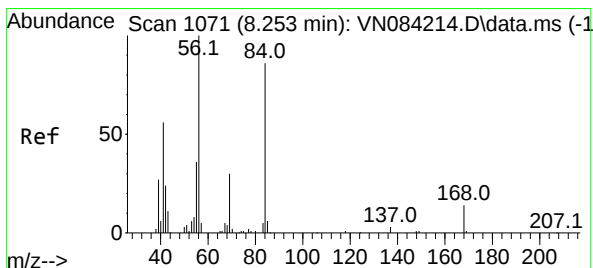
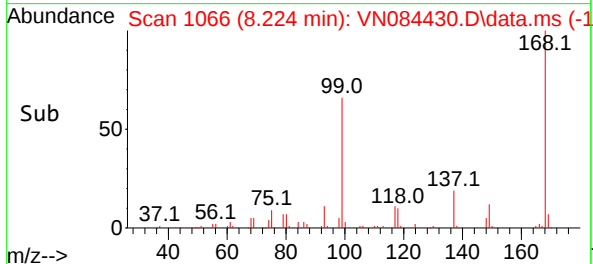
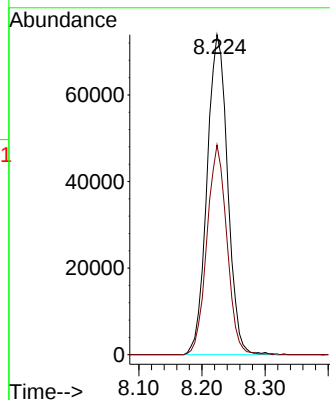
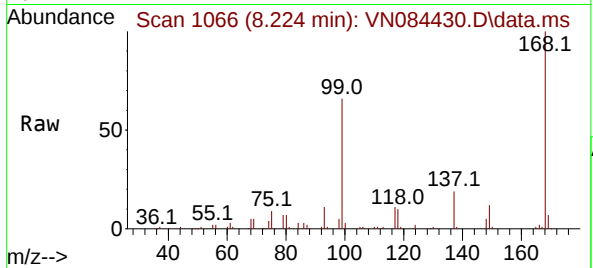




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN084430.D
Acq: 21 Oct 2024 12:36

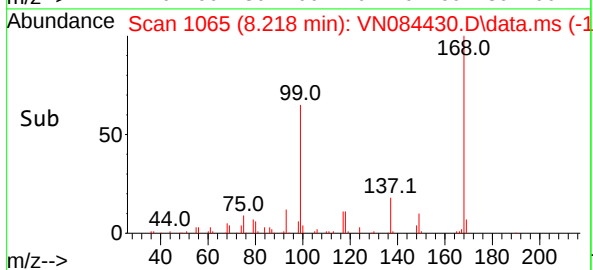
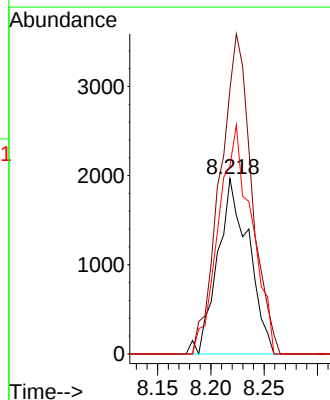
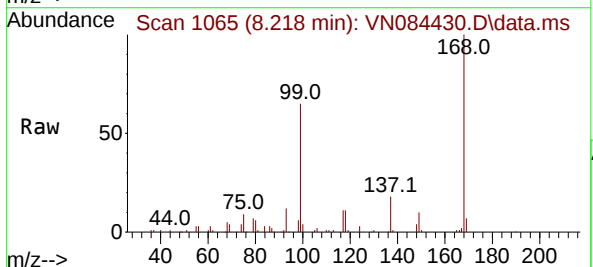
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBL01

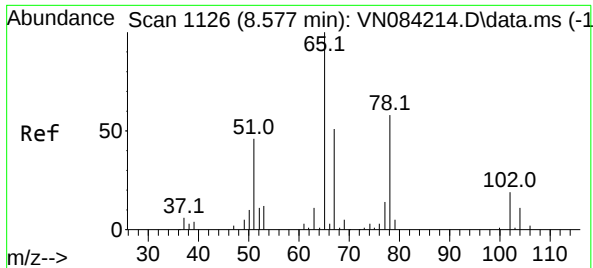
Tgt Ion:168 Resp: 167468
Ion Ratio Lower Upper
168 100
99 65.6 54.2 81.2



#31
Cyclohexane
Concen: 1.086 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN084430.D
Acq: 21 Oct 2024 12:36

Tgt Ion: 56 Resp: 3994
Ion Ratio Lower Upper
56 100
69 151.0 23.8 35.6#
84 107.1 68.8 103.2#

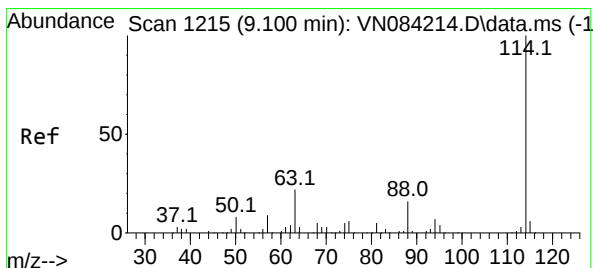
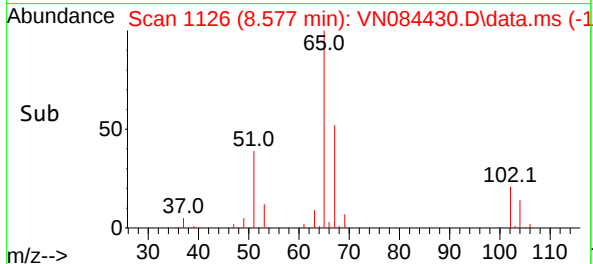
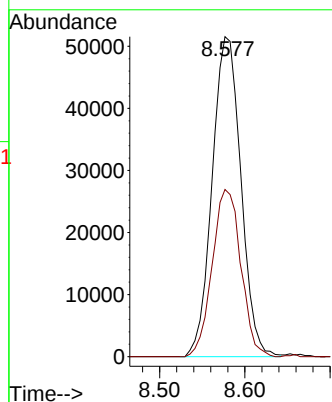
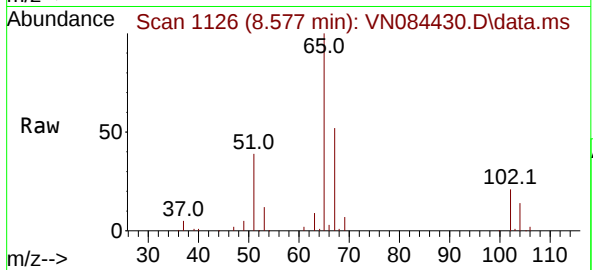




#33
 1,2-Dichloroethane-d4
 Concen: 48.597 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN084430.D
 Acq: 21 Oct 2024 12:36

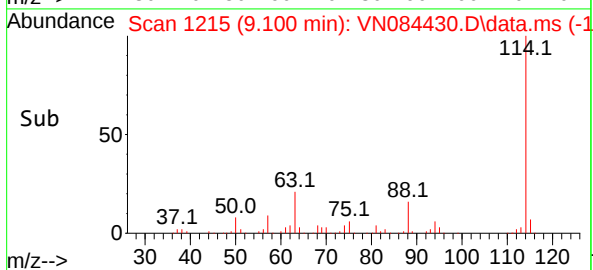
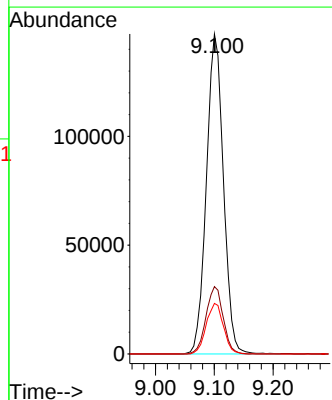
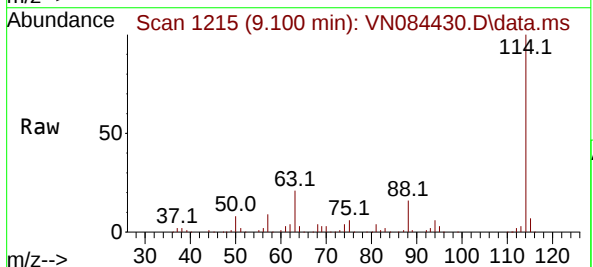
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBL01

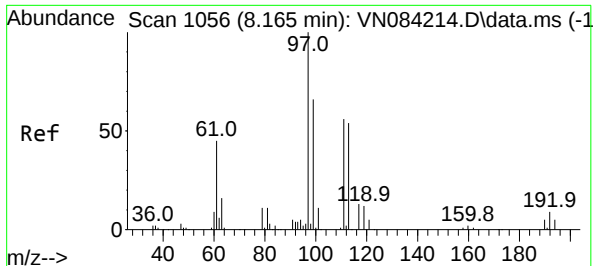
Tgt Ion: 65 Resp: 120667
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084430.D
 Acq: 21 Oct 2024 12:36

Tgt Ion: 114 Resp: 295479
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 43.8
 88 15.8 0.0 31.6





#35

Dibromofluoromethane

Concen: 51.076 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084430.D

Acq: 21 Oct 2024 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBL01

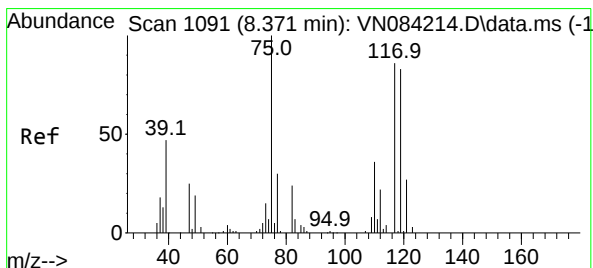
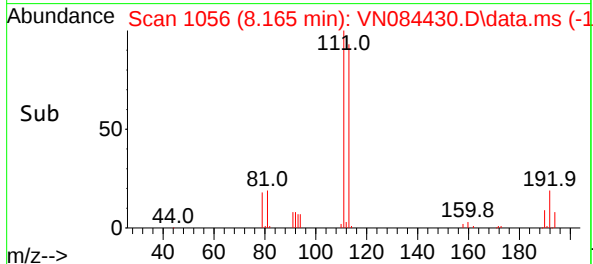
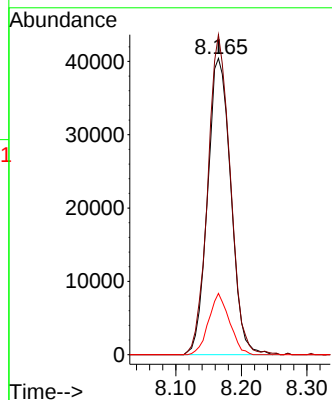
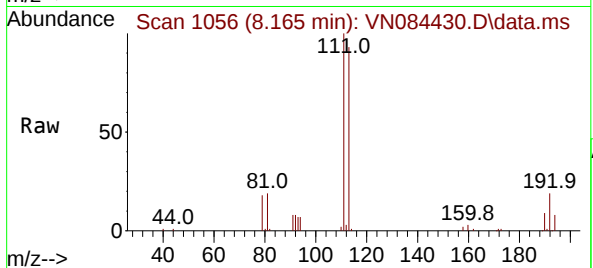
Tgt Ion:113 Resp: 99495

Ion Ratio Lower Upper

113 100

111 104.6 83.3 124.9

192 18.5 13.5 20.3



#36

1,1-Dichloropropene

Concen: 5.240 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084430.D

Acq: 21 Oct 2024 12:36

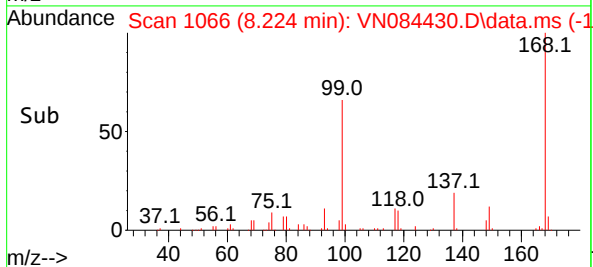
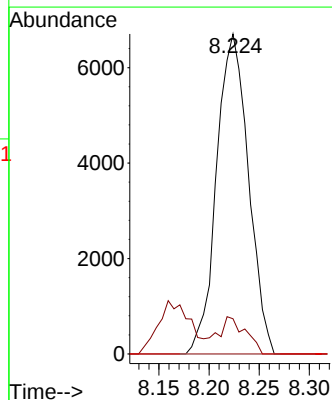
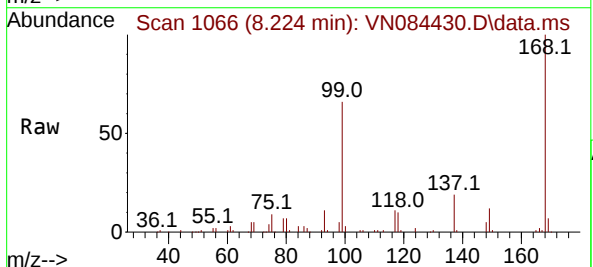
Tgt Ion: 75 Resp: 14827

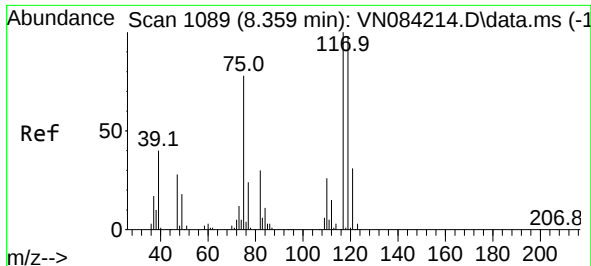
Ion Ratio Lower Upper

75 100

110 9.4 16.9 50.7#

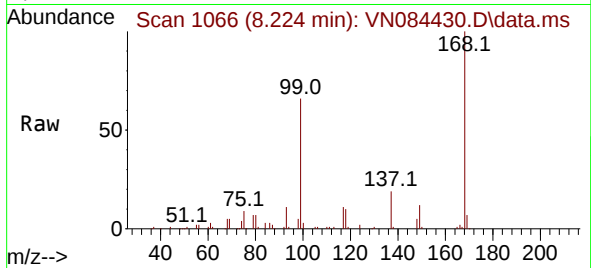
77 0.0 24.7 37.1#



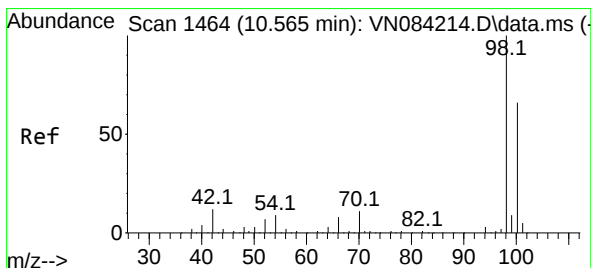
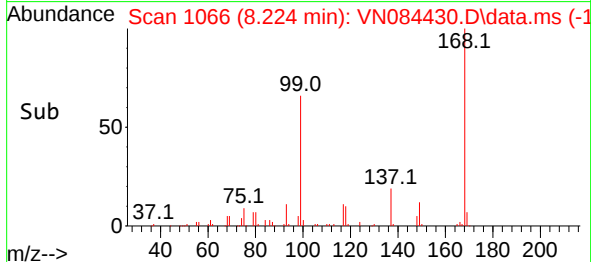
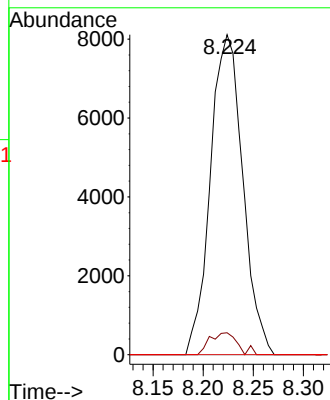


#38
Carbon Tetrachloride
Concen: 5.857 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN084430.D
Acq: 21 Oct 2024 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBL01

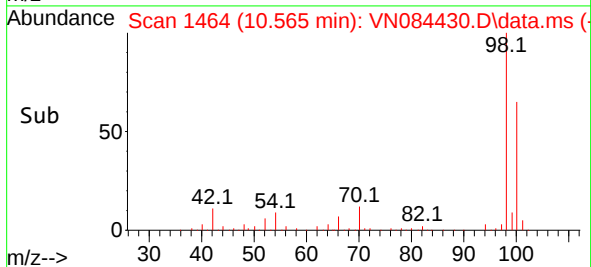
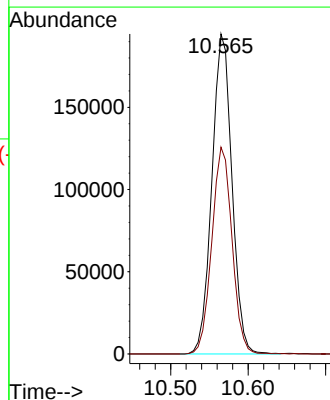
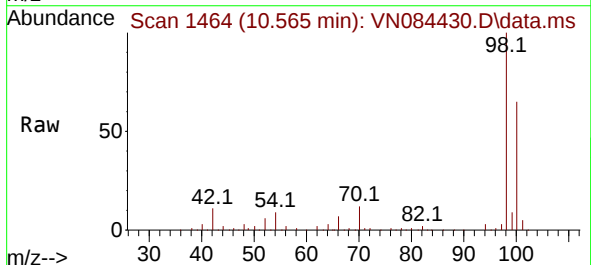


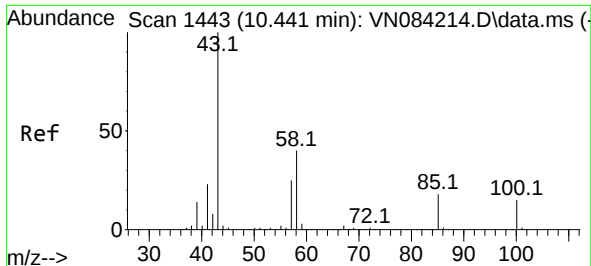
Tgt Ion:117 Resp: 18180
Ion Ratio Lower Upper
117 100
119 6.9 78.7 118.1#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.830 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084430.D
Acq: 21 Oct 2024 12:36

Tgt Ion: 98 Resp: 349958
Ion Ratio Lower Upper
98 100
100 65.2 52.7 79.1

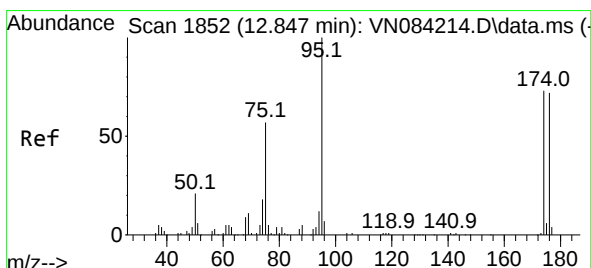
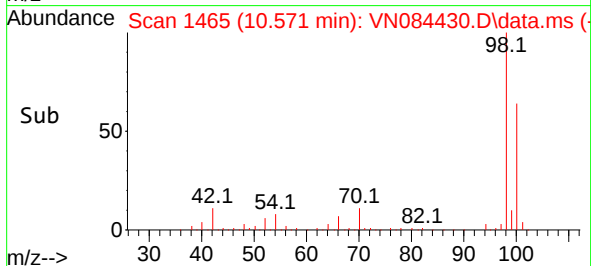
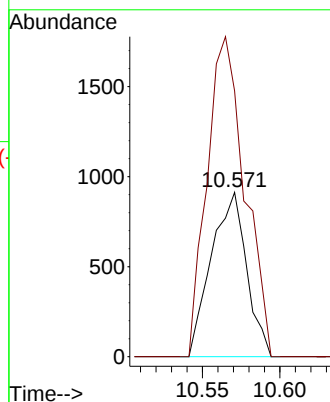
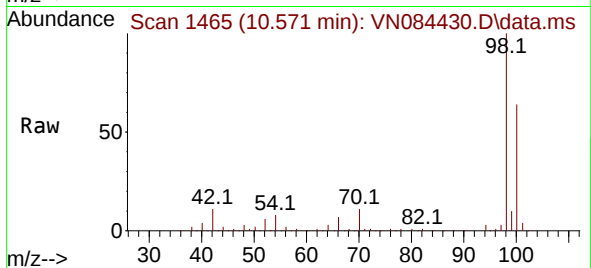




#51
4-Methyl-2-Pentanone
Concen: 0.522 ug/l
RT: 10.571 min Scan# 1443
Delta R.T. 0.130 min
Lab File: VN084430.D
Acq: 21 Oct 2024 12:36

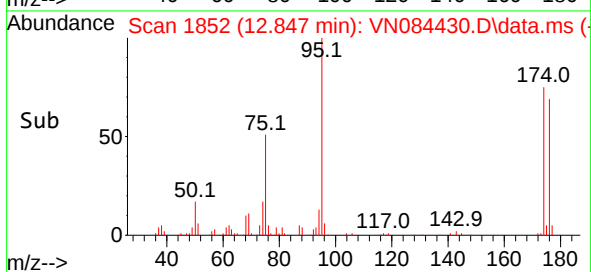
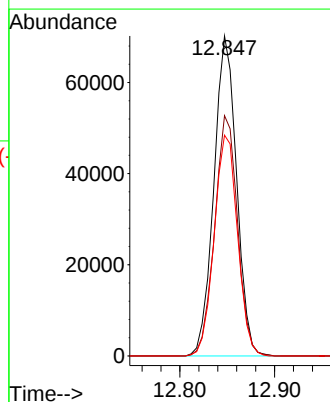
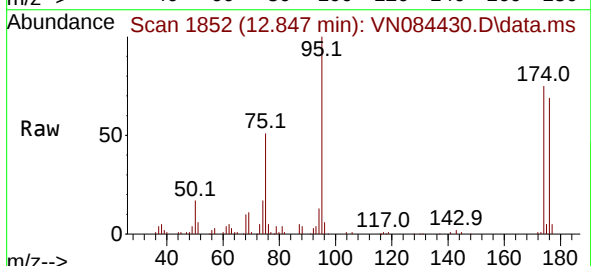
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBL01

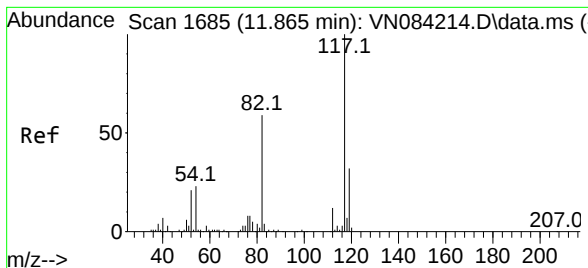
Tgt Ion: 43 Resp: 1443
Ion Ratio Lower Upper
43 100
58 208.3 31.6 47.4#



#62
4-Bromofluorobenzene
Concen: 44.690 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084430.D
Acq: 21 Oct 2024 12:36

Tgt Ion: 95 Resp: 116683
Ion Ratio Lower Upper
95 100
174 75.9 0.0 145.2
176 71.0 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: VN084430.D

Acq: 21 Oct 2024 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBL01

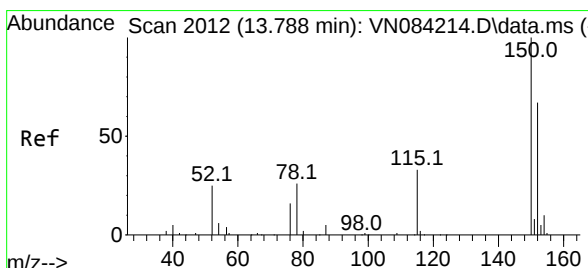
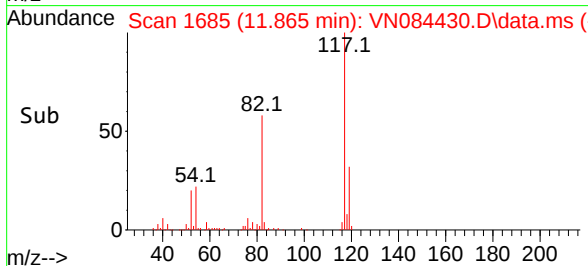
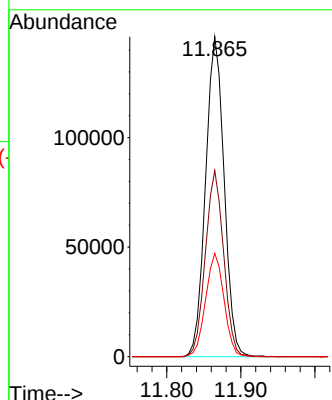
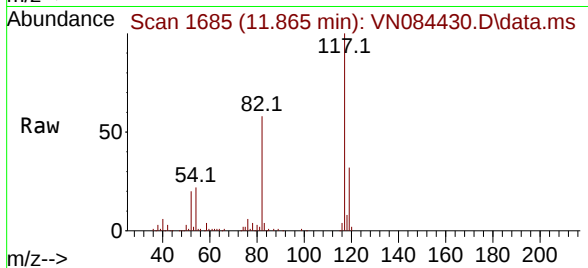
Tgt Ion:117 Resp: 254088

Ion Ratio Lower Upper

117 100

82 58.2 47.2 70.8

119 32.3 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: VN084430.D

Acq: 21 Oct 2024 12:36

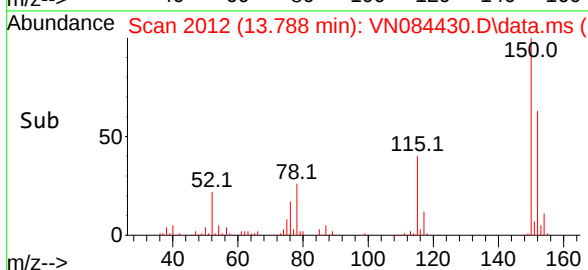
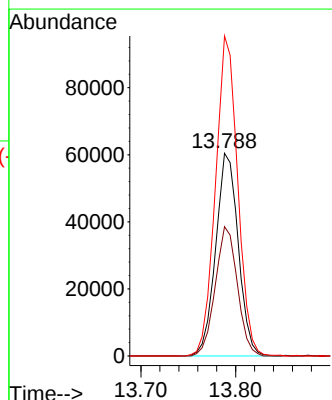
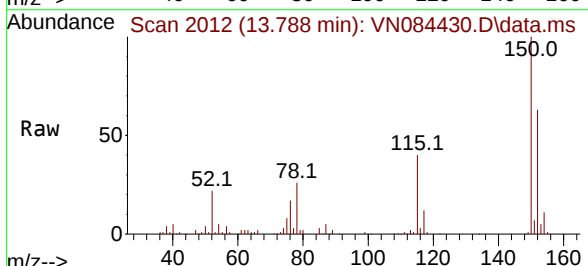
Tgt Ion:152 Resp: 99954

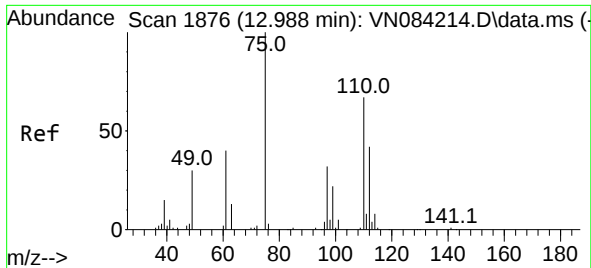
Ion Ratio Lower Upper

152 100

115 62.6 31.3 93.9

150 155.5 0.0 349.8

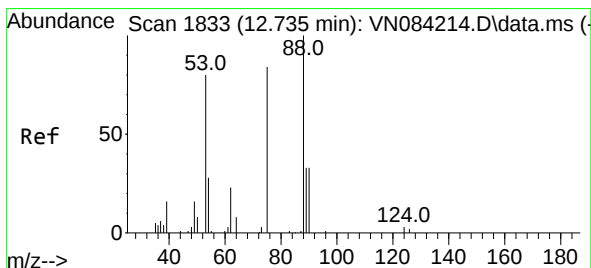
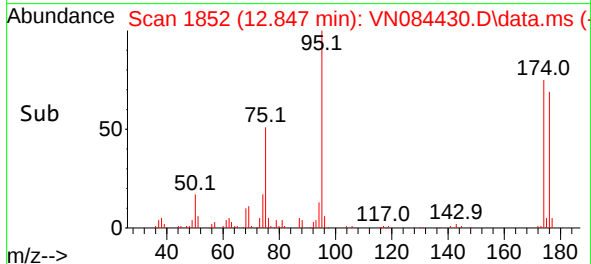
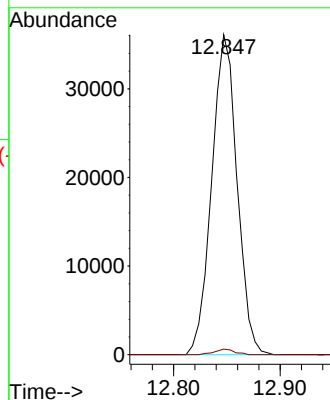
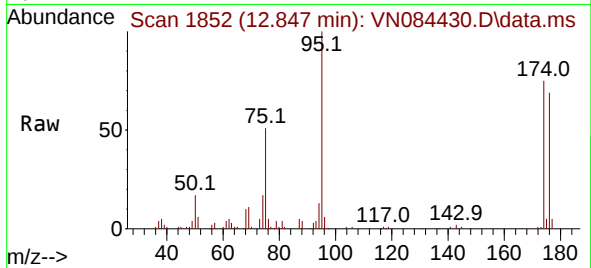




#76
1,2,3-Trichloropropane
Concen: 29.233 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084430.D
Acq: 21 Oct 2024 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBL01

Tgt Ion: 75 Resp: 59652
Ion Ratio Lower Upper
75 100
77 1.4 96.9 290.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.084 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084430.D
Acq: 21 Oct 2024 12:36

Tgt Ion: 75 Resp: 59652
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#

