

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102524\
 Data File : VN084520.D
 Acq On : 25 Oct 2024 16:50
 Operator : JC\MD
 Sample : P4528-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 241023062-05-TRIP-BLANK

Quant Time: Oct 26 06:40:58 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)

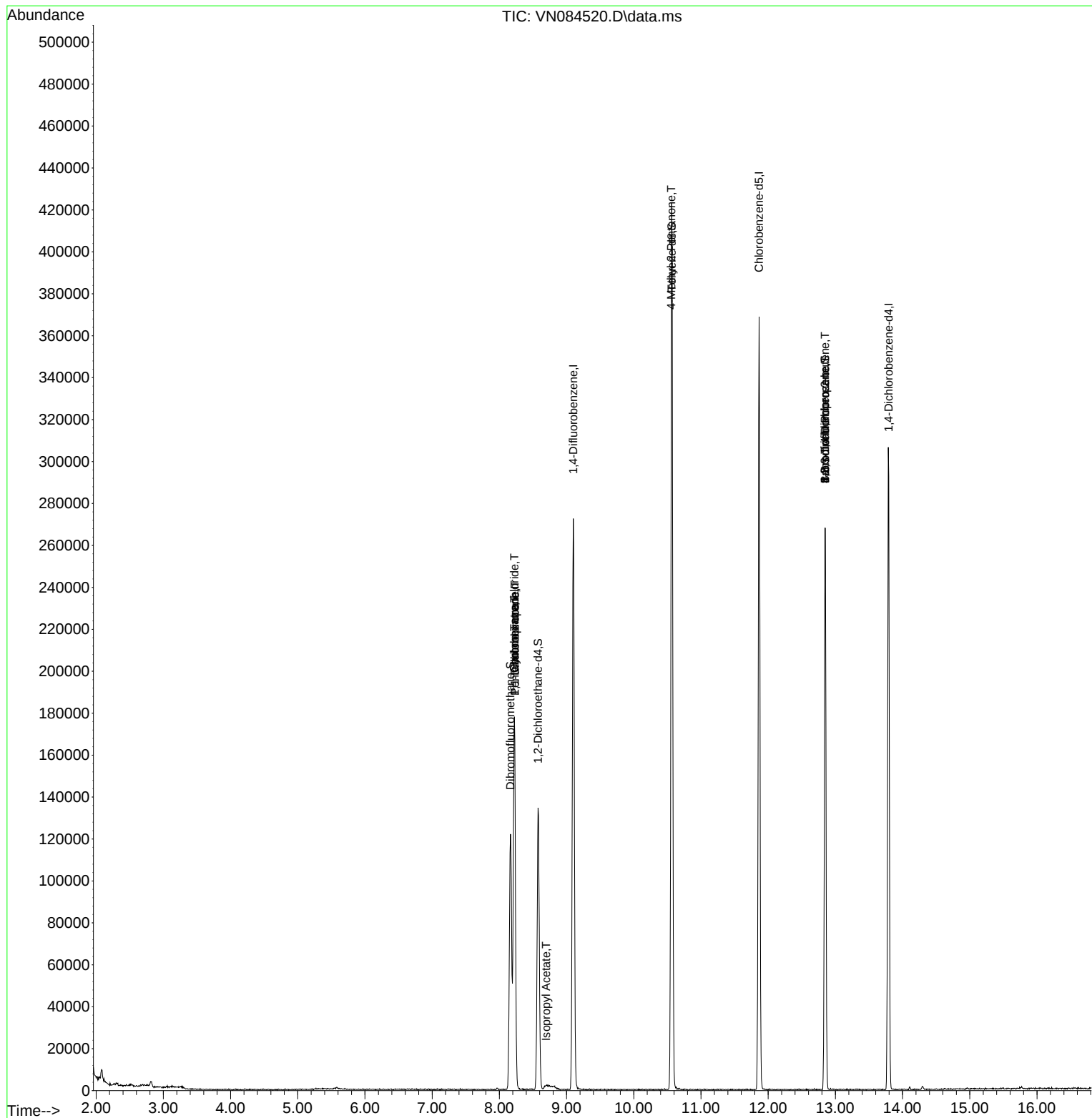
Internal Standards						
1) Pentafluorobenzene	8.230	168	125033	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	236367	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	203498	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	80554	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	111771	60.291	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 120.580%			
35) Dibromofluoromethane	8.165	113	90099	57.820	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 115.640%			
50) Toluene-d8	10.565	98	287511	50.149	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.300%			
62) 4-Bromofluorobenzene	12.847	95	95020	45.494	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 90.980%			
Target Compounds						Qvalue
31) Cyclohexane	8.224	56	2882	1.050	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	10979	4.851	ug/l #	50
38) Carbon Tetrachloride	8.224	117	14516	5.846	ug/l #	17
43) Isopropyl Acetate	8.694	43	2339	0.514	ug/l #	56
51) 4-Methyl-2-Pentanone	10.559	43	1017	0.460	ug/l #	1
71) Bromoform	12.847	173	664	0.580	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	46906	28.522	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	46906	68.381	ug/l #	11

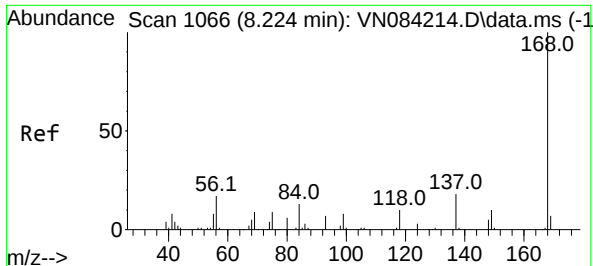
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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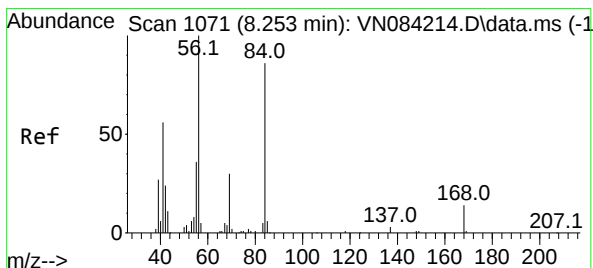
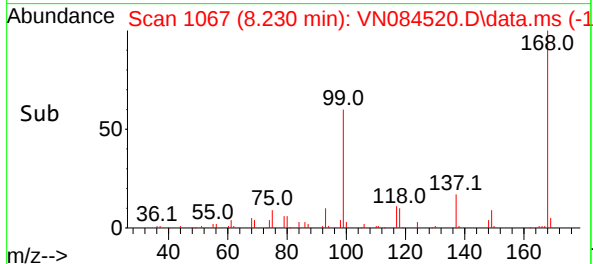
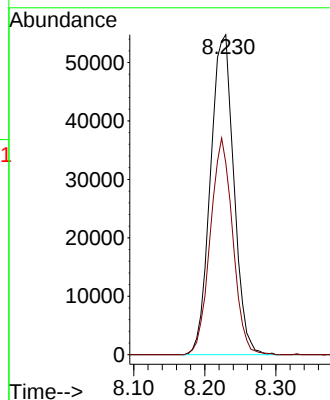
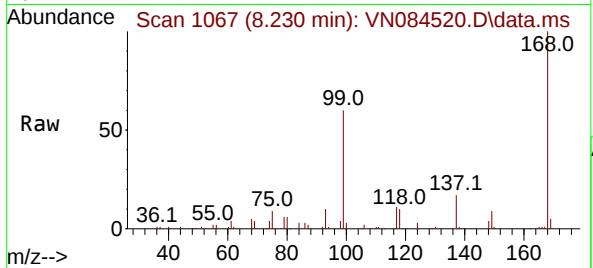




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN084520.D
Acq: 25 Oct 2024 16:50

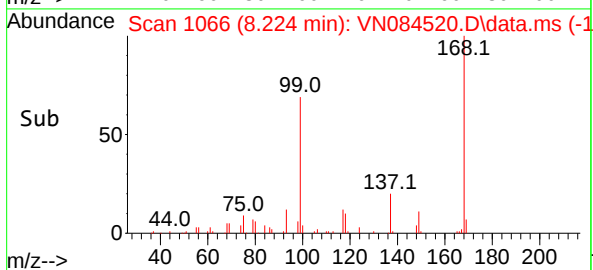
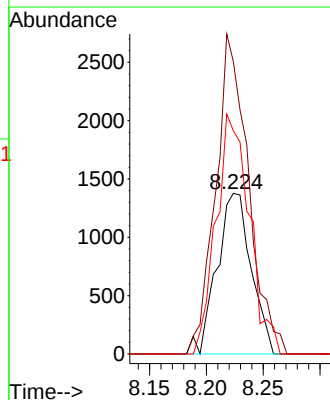
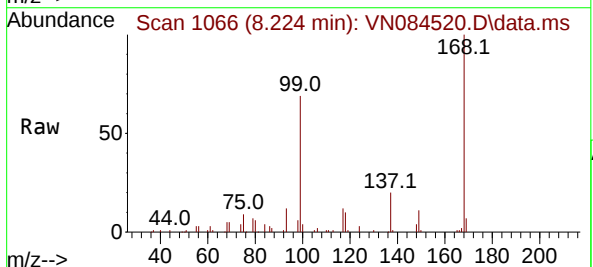
Instrument :
MSVOA_N
ClientSampleId :
241023062-05-TRIP-BLANK

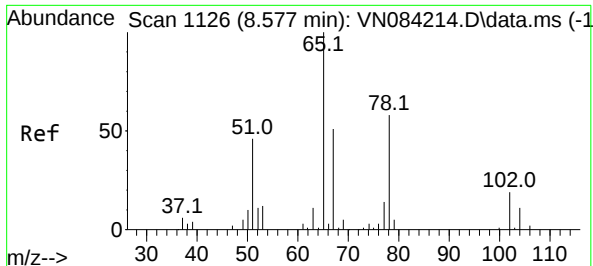
Tgt Ion:168 Resp: 125033
Ion Ratio Lower Upper
168 100
99 59.9 54.2 81.2



#31
Cyclohexane
Concen: 1.050 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084520.D
Acq: 25 Oct 2024 16:50

Tgt Ion: 56 Resp: 2882
Ion Ratio Lower Upper
56 100
69 182.1 23.8 35.6#
84 138.9 68.8 103.2#





#33

1,2-Dichloroethane-d4

Concen: 60.291 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN084520.D

Acq: 25 Oct 2024 16:50

Instrument :

MSVOA_N

ClientSampleId :

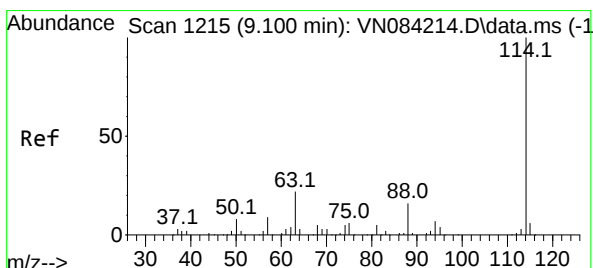
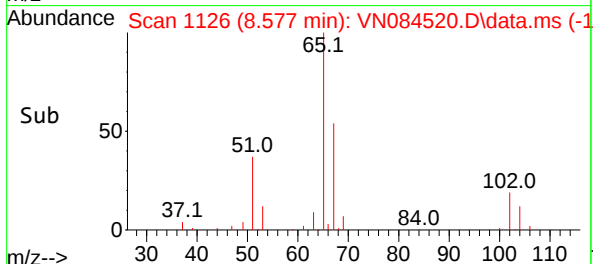
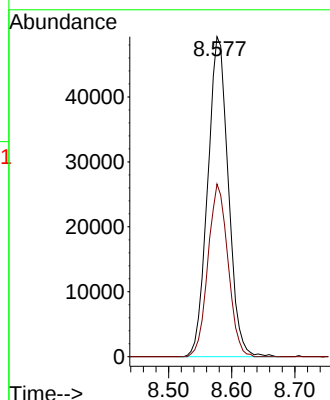
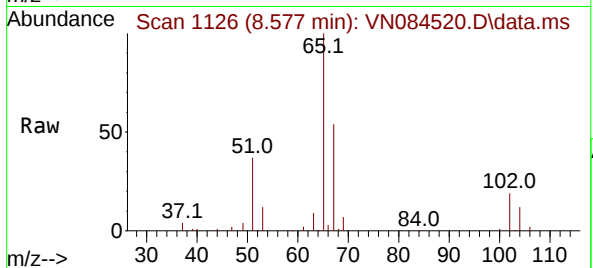
241023062-05-TRIP-BLANK

Tgt Ion: 65 Resp: 111771

Ion Ratio Lower Upper

65 100

67 52.3 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: VN084520.D

Acq: 25 Oct 2024 16:50

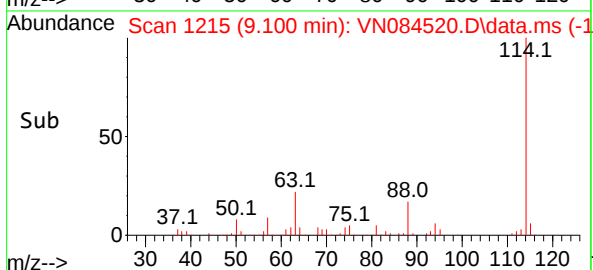
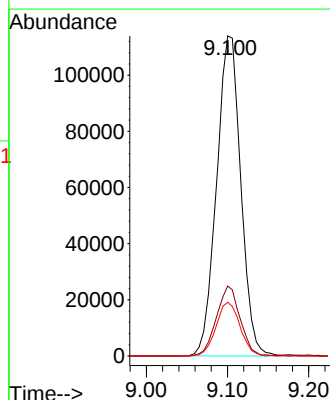
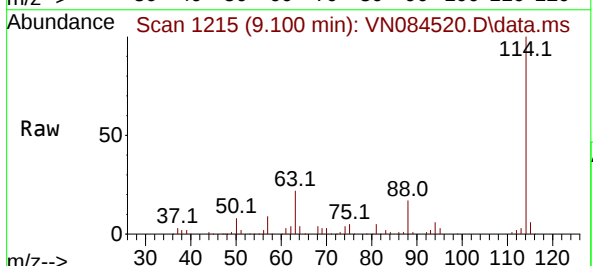
Tgt Ion: 114 Resp: 236367

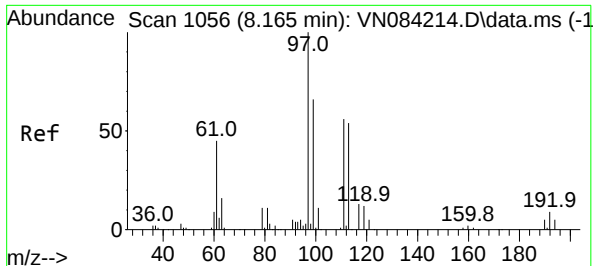
Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.8

88 16.8 0.0 31.6





#35

Dibromofluoromethane

Concen: 57.820 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084520.D

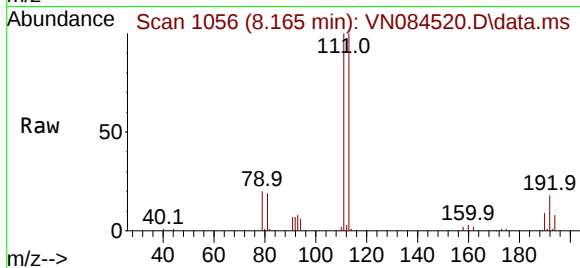
Acq: 25 Oct 2024 16:50

Instrument :

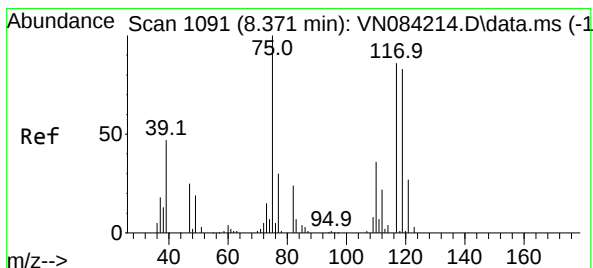
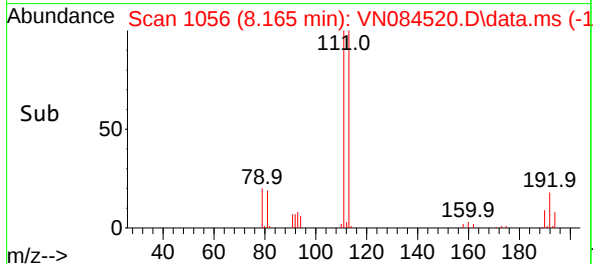
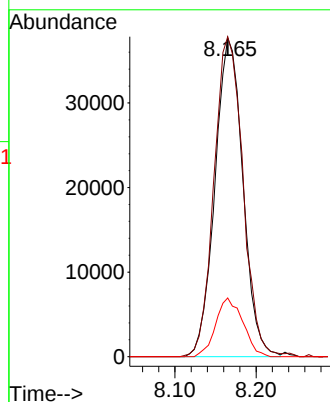
MSVOA_N

ClientSampleId :

241023062-05-TRIP-BLANK



Tgt Ion:	113	Resp:	90099
Ion	Ratio	Lower	Upper
113	100		
111	103.8	83.3	124.9
192	17.9	13.5	20.3



#36

1,1-Dichloropropene

Concen: 4.851 ug/l

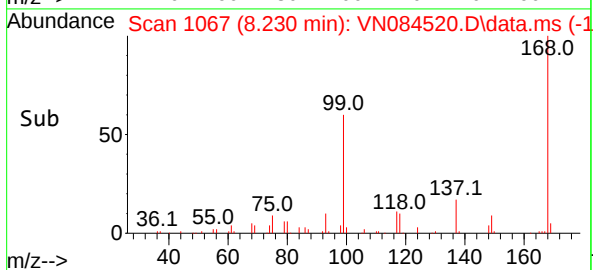
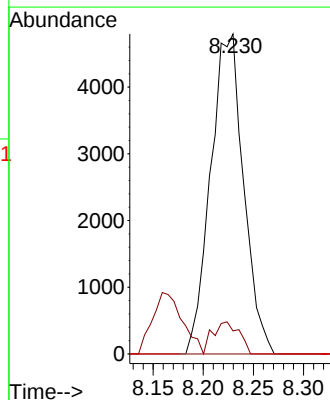
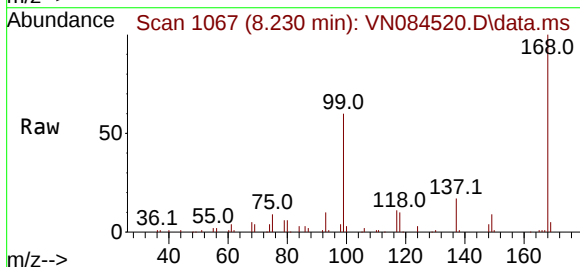
RT: 8.230 min Scan# 1067

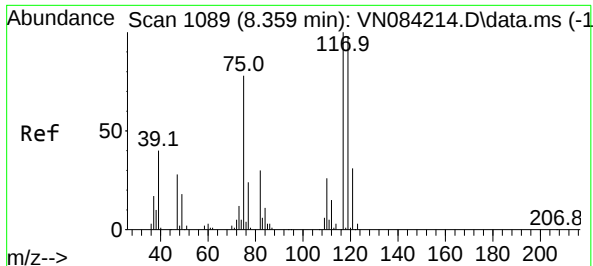
Delta R.T. -0.141 min

Lab File: VN084520.D

Acq: 25 Oct 2024 16:50

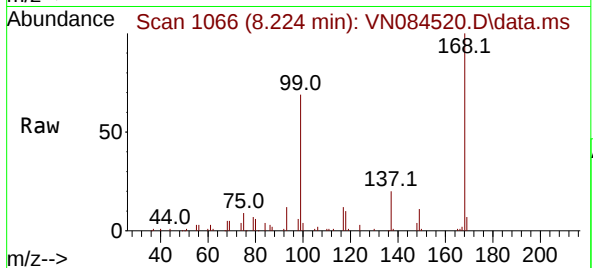
Tgt Ion:	75	Resp:	10979
Ion	Ratio	Lower	Upper
75	100		
110	8.0	16.9	50.7#
77	0.0	24.7	37.1#



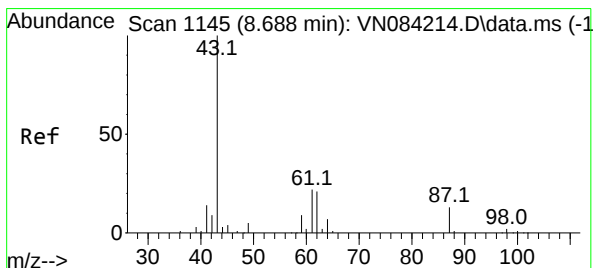
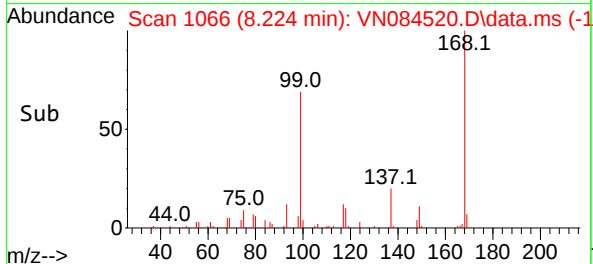
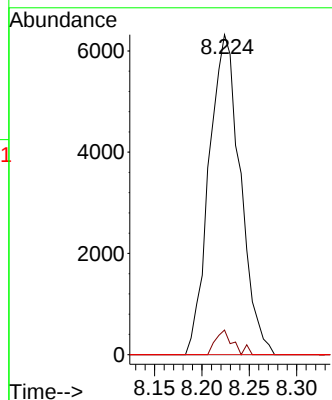


#38
Carbon Tetrachloride
Concen: 5.846 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN084520.D
Acq: 25 Oct 2024 16:50

Instrument :
MSVOA_N
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241023062-05-TRIP-BLANK

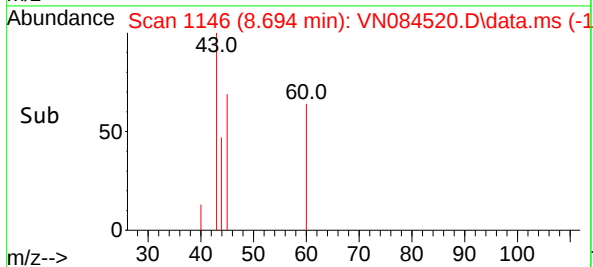
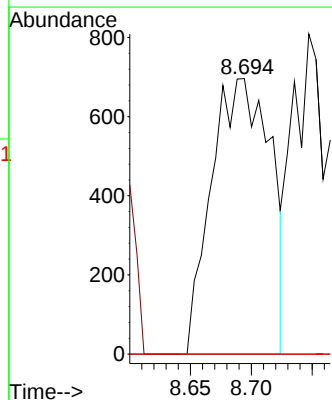
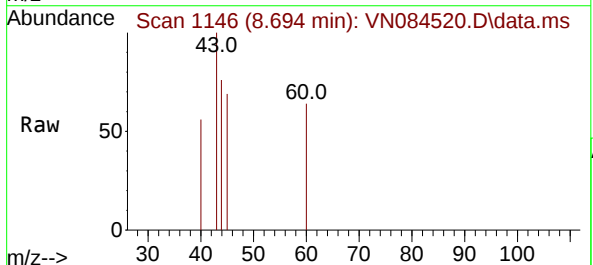


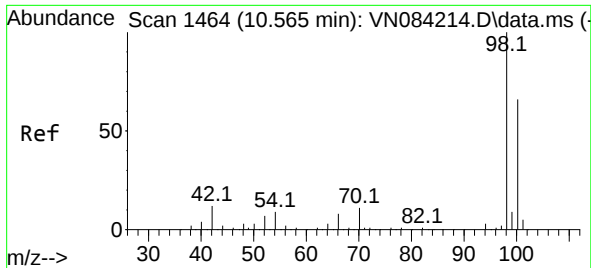
Tgt Ion:117 Resp: 14516
Ion Ratio Lower Upper
117 100
119 7.7 78.7 118.1#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 0.514 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN084520.D
Acq: 25 Oct 2024 16:50

Tgt Ion: 43 Resp: 2339
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.3 15.5#

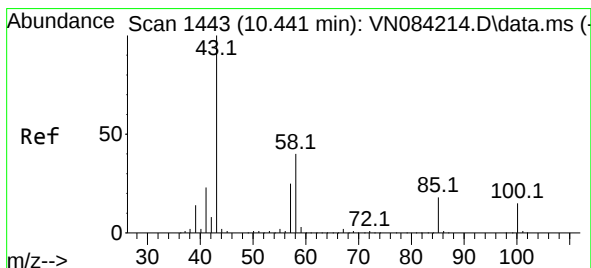
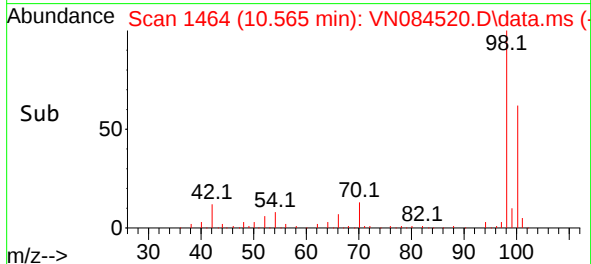
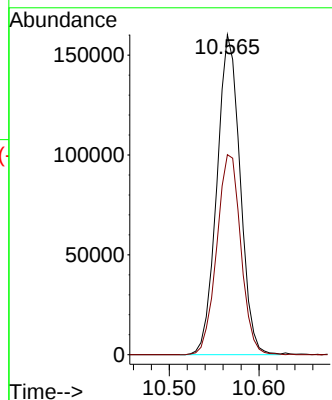
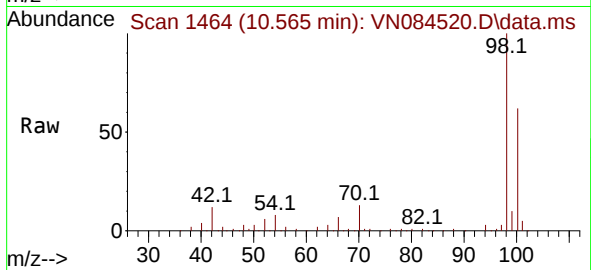




#50
Toluene-d8
Concen: 50.149 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084520.D
Acq: 25 Oct 2024 16:50

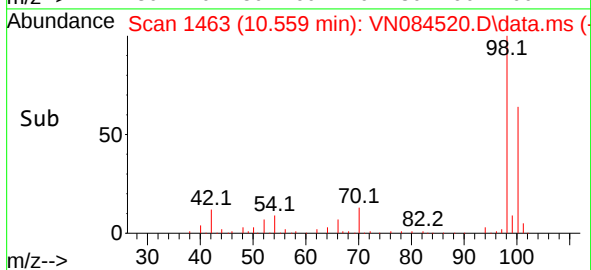
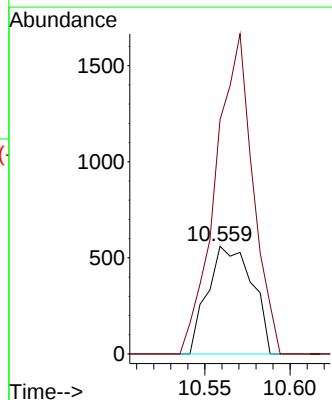
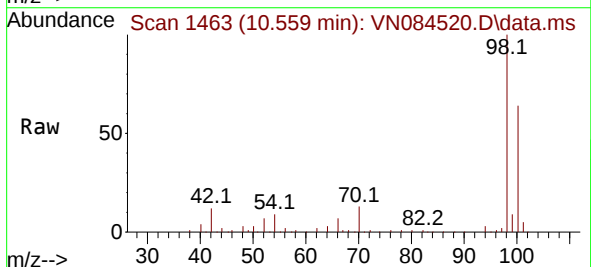
Instrument :
MSVOA_N
ClientSampleId :
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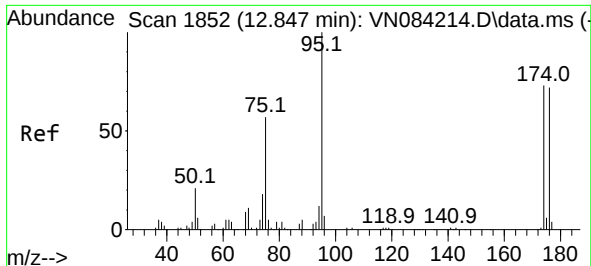
Tgt Ion: 98 Resp: 287511
Ion Ratio Lower Upper
98 100
100 64.9 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.460 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. 0.118 min
Lab File: VN084520.D
Acq: 25 Oct 2024 16:50

Tgt Ion: 43 Resp: 1017
Ion Ratio Lower Upper
43 100
58 250.2 31.6 47.4#

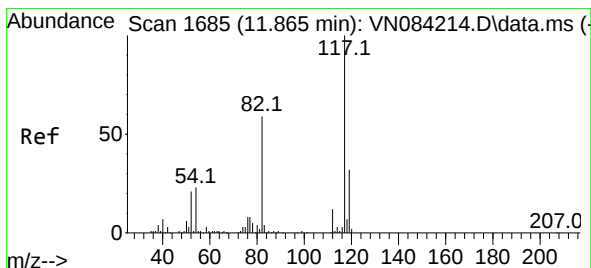
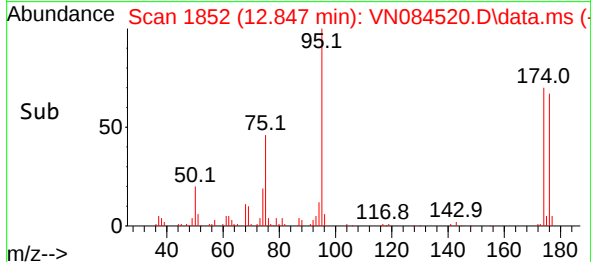
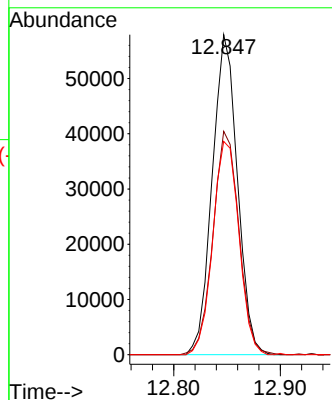
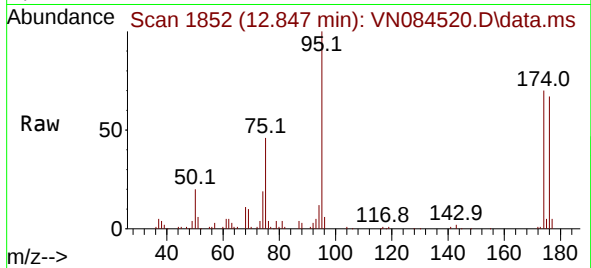




#62
4-Bromofluorobenzene
Concen: 45.494 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084520.D
Acq: 25 Oct 2024 16:50

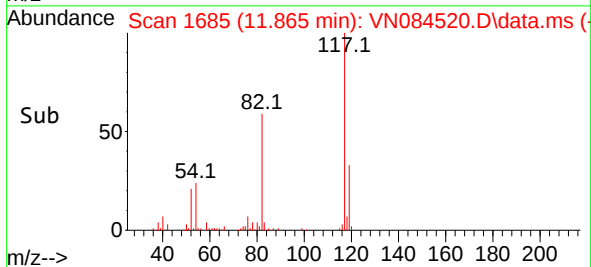
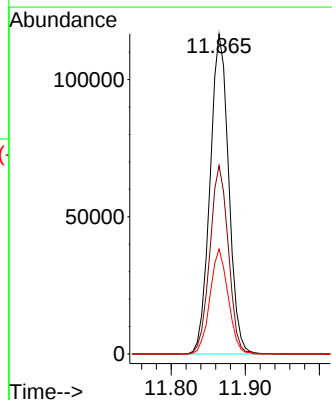
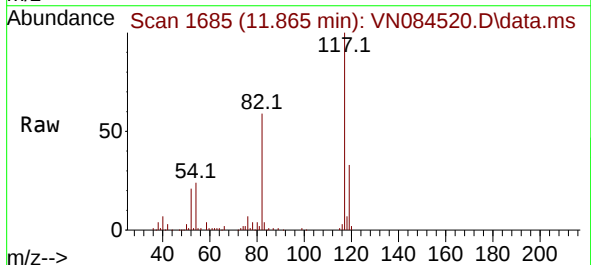
Instrument :
MSVOA_N
ClientSampleId :
241023062-05-TRIP-BLANK

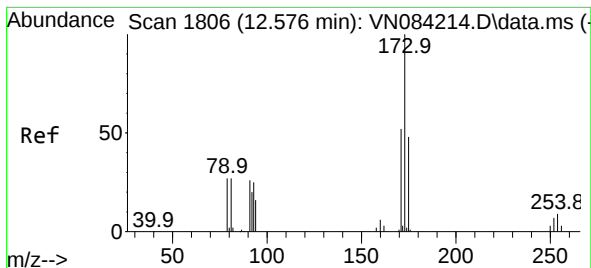
Tgt Ion: 95 Resp: 95020
Ion Ratio Lower Upper
95 100
174 71.9 0.0 145.2
176 69.2 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084520.D
Acq: 25 Oct 2024 16:50

Tgt Ion: 117 Resp: 203498
Ion Ratio Lower Upper
117 100
82 58.8 47.2 70.8
119 32.8 25.4 38.0





#71

Bromoform

Concen: 0.580 ug/l

RT: 12.847 min Scan# 11

Delta R.T. 0.271 min

Lab File: VN084520.D

Acq: 25 Oct 2024 16:50

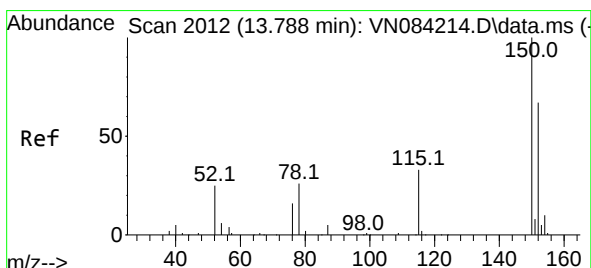
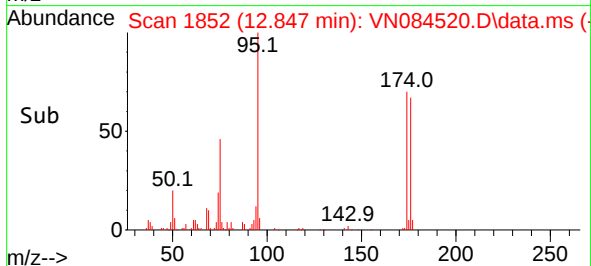
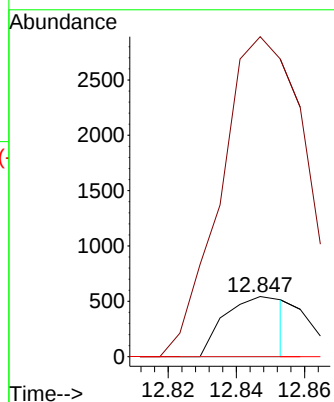
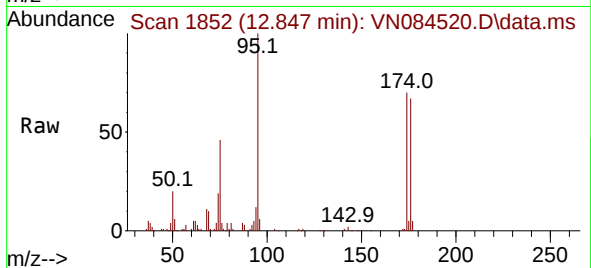
Instrument :

MSVOA_N

ClientSampleId :

241023062-05-TRIP-BLANK

Tgt Ion:	173	Resp:	664
Ion Ratio	Lower	Upper	
173	100		
175	567.8	23.5	70.6#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

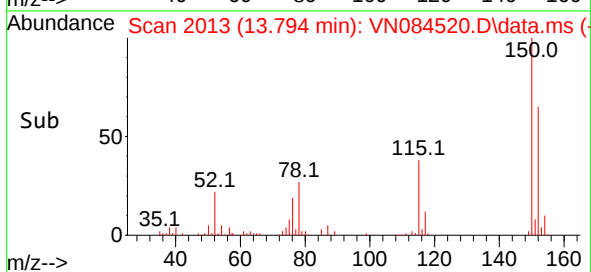
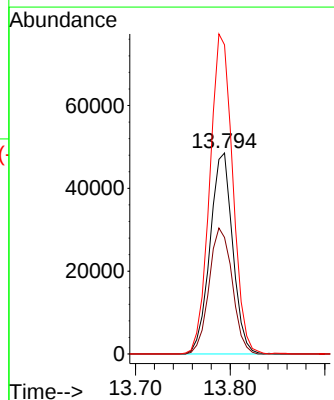
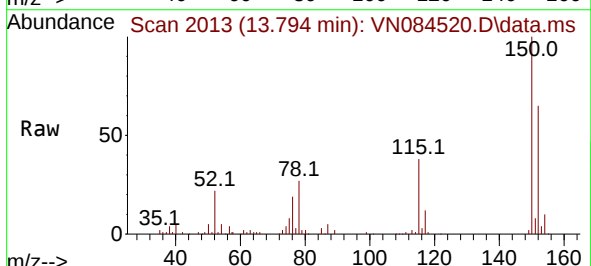
RT: 13.794 min Scan# 2013

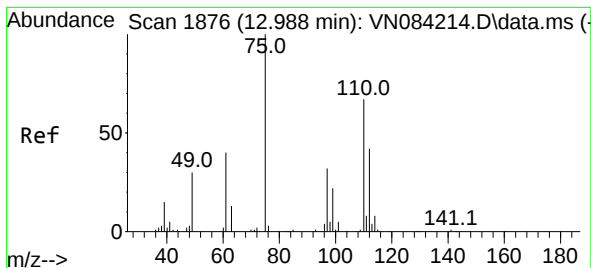
Delta R.T. 0.006 min

Lab File: VN084520.D

Acq: 25 Oct 2024 16:50

Tgt Ion:	152	Resp:	80554
Ion Ratio	Lower	Upper	
152	100		
115	64.0	31.3	93.9
150	161.0	0.0	349.8





#76

1,2,3-Trichloropropane

Concen: 28.522 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VN084520.D

Acq: 25 Oct 2024 16:50

Instrument :

MSVOA_N

ClientSampleId :

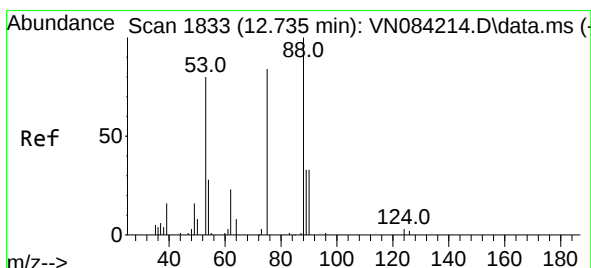
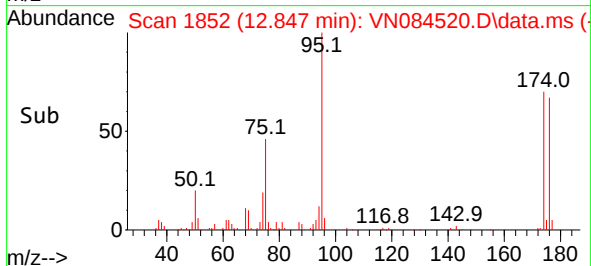
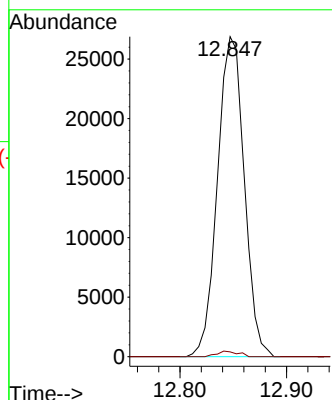
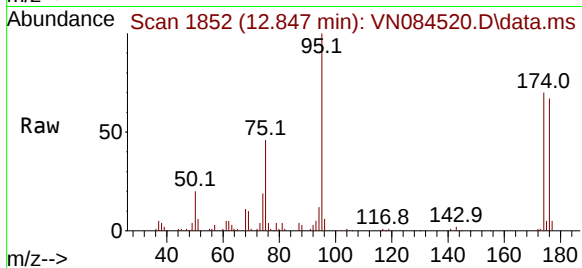
241023062-05-TRIP-BLANK

Tgt Ion: 75 Resp: 46906

Ion Ratio Lower Upper

75 100

77 1.4 96.9 290.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 68.381 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN084520.D

Acq: 25 Oct 2024 16:50

Tgt Ion: 75 Resp: 46906

Ion Ratio Lower Upper

75 100

53 0.0 78.0 117.0#

89 0.2 35.5 53.3#

