

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110624\
 Data File : VN084708.D
 Acq On : 06 Nov 2024 14:02
 Operator : JC\MD
 Sample : P4710-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 07 00:18:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

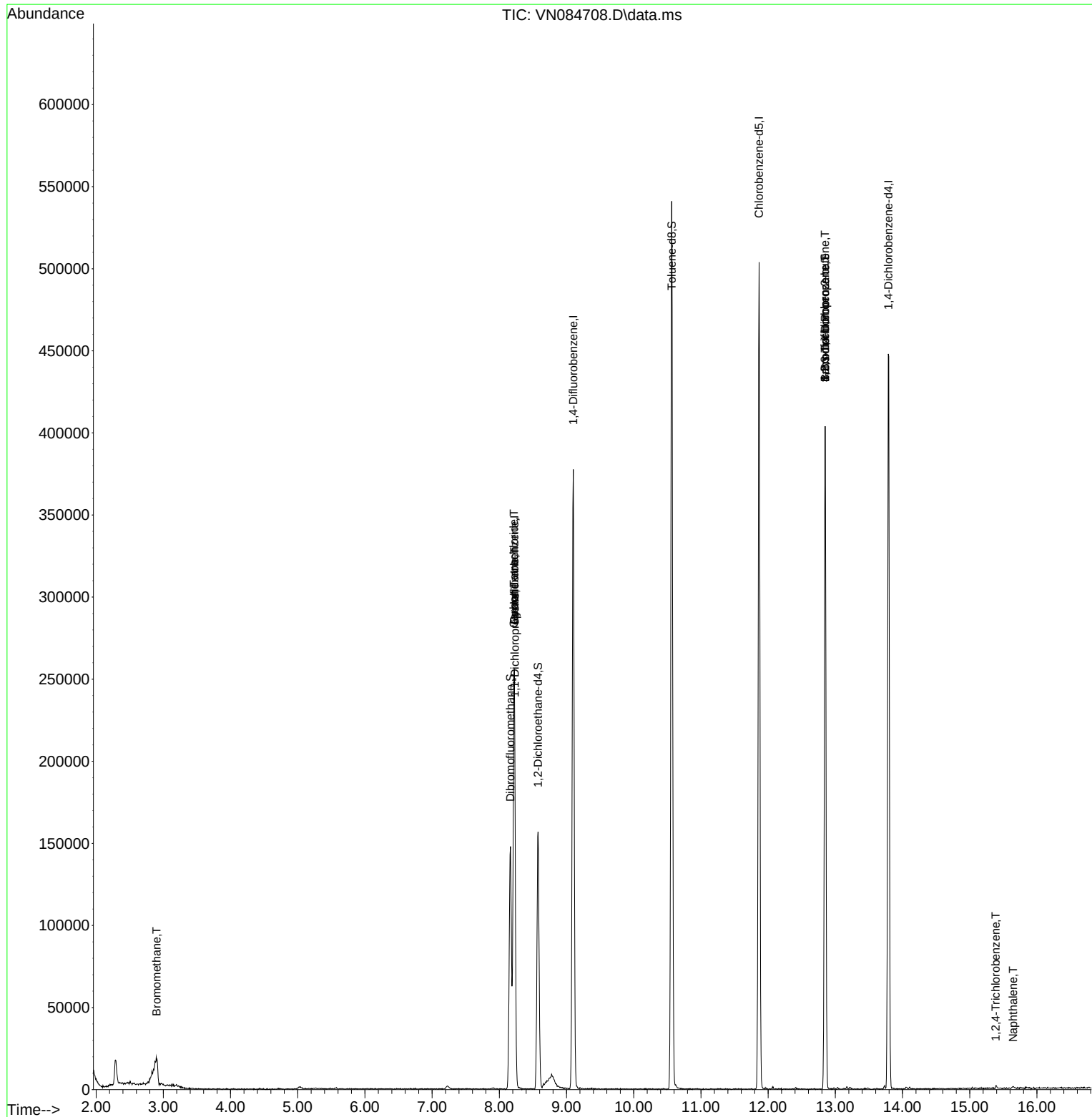
Internal Standards						
1) Pentafluorobenzene	8.224	168	186121	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	325049	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	285775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	125045	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	129290	48.095	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.200%		
35) Dibromofluoromethane	8.165	113	106074	48.211	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.420%		
50) Toluene-d8	10.565	98	373742	46.114	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.220%		
62) 4-Bromofluorobenzene	12.847	95	140830	46.494	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	92.980%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.354	50	558	Below Cal	#	41
5) Bromomethane	2.901	94	308	0.253 ug/l	#	77
6) Chloroethane	3.142	64	204	Below Cal	#	45
16) Acetone	4.436	43	605	Below Cal	#	87
18) Methyl Acetate	5.018	43	3327	Below Cal	#	70
31) Cyclohexane	8.224	56	3853	1.038 ug/l	#	1
36) 1,1-Dichloropropene	8.230	75	15252	4.998 ug/l	#	51
38) Carbon Tetrachloride	8.218	117	19642	5.759 ug/l	#	16
43) Isopropyl Acetate	8.712	43	2406	Below Cal	#	56
71) Bromoform	12.847	173	924	0.552 ug/l	#	1
76) 1,2,3-Trichloropropane	12.847	75	73323	29.334 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.847	75	73323	69.592 ug/l	#	11
88) 1,4-Dichlorobenzene	13.735	146	672	Below Cal		91
93) 1,2,4-Trichlorobenzene	15.388	180	594	0.246 ug/l	#	77
95) Naphthalene	15.647	128	1686	0.233 ug/l	#	79

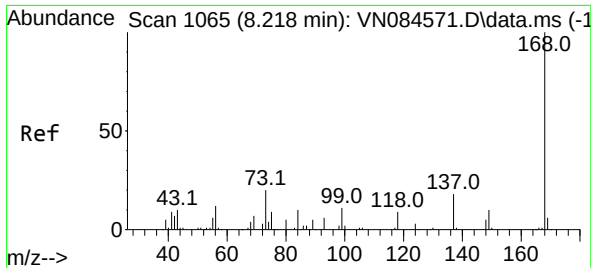
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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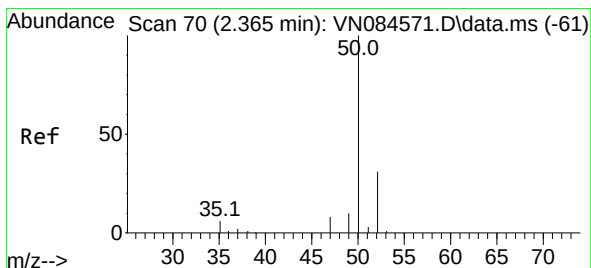
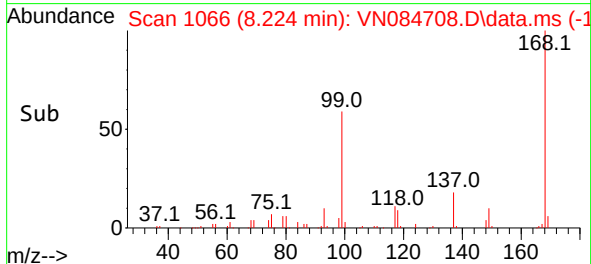
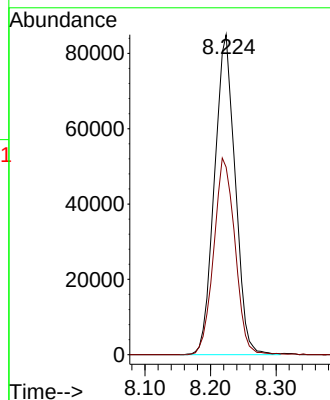
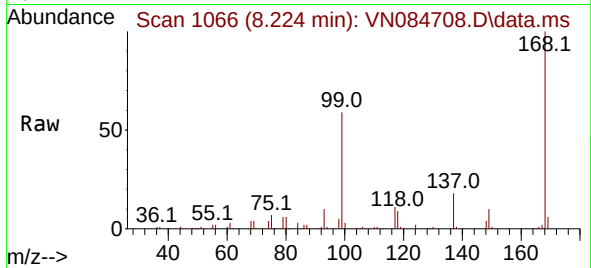




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN084708.D
Acq: 06 Nov 2024 14:02

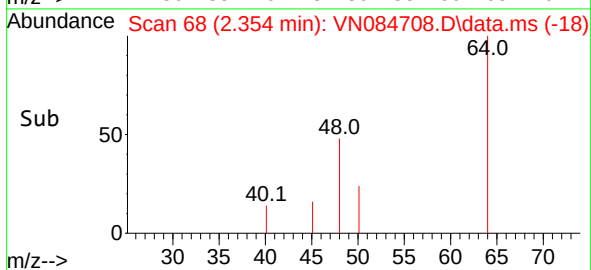
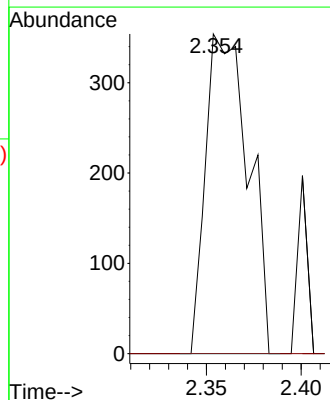
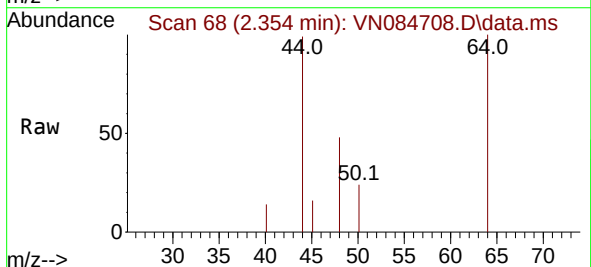
Instrument :
MSVOA_N
ClientSampleId :

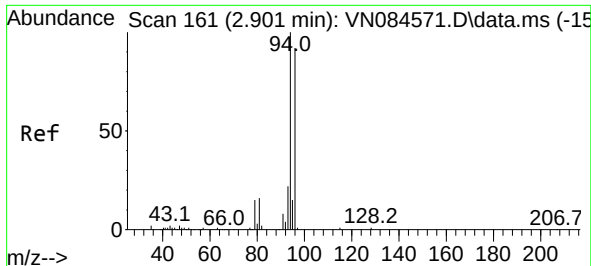
Tgt Ion:168 Resp: 186121
Ion Ratio Lower Upper
168 100
99 58.6 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.354 min Scan# 68
Delta R.T. -0.005 min
Lab File: VN084708.D
Acq: 06 Nov 2024 14:02

Tgt Ion: 50 Resp: 558
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

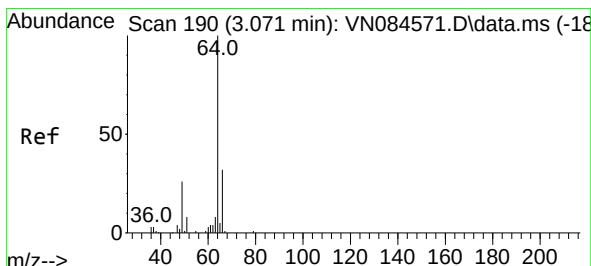
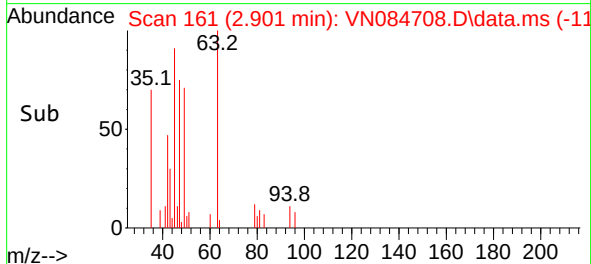
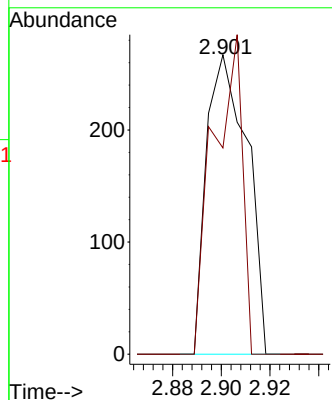
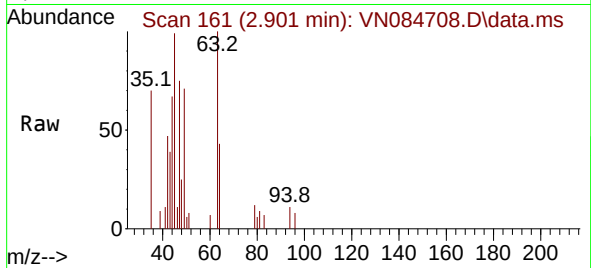




#5
Bromomethane
Concen: 0.253 ug/l
RT: 2.901 min Scan# 11
Delta R.T. -0.052 min
Lab File: VN084708.D
Acq: 06 Nov 2024 14:02

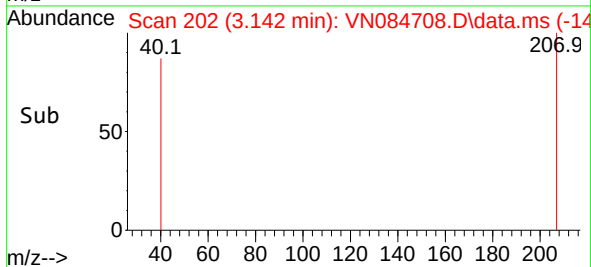
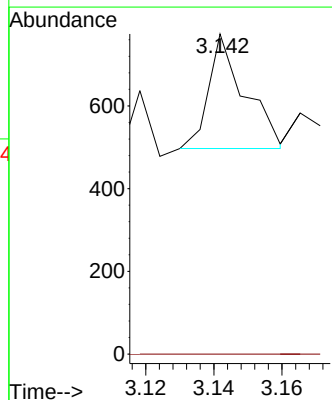
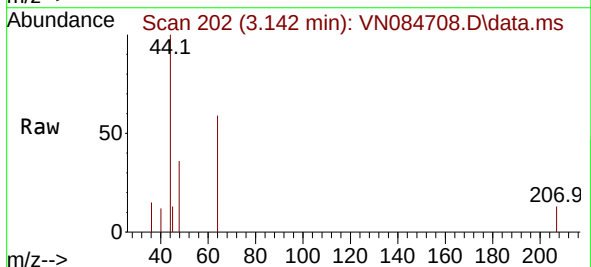
Instrument :
MSVOA_N
ClientSampleId :

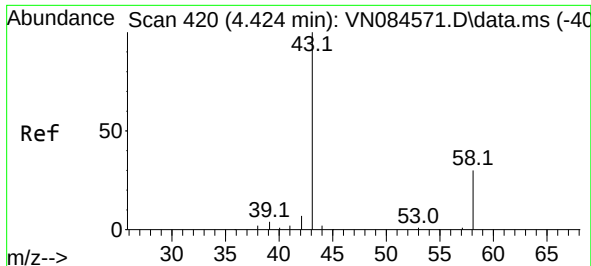
Tgt Ion: 94 Resp: 308
Ion Ratio Lower Upper
94 100
96 68.9 72.9 109.3#



#6
Chloroethane
Concen: Below Cal
RT: 3.142 min Scan# 202
Delta R.T. 0.024 min
Lab File: VN084708.D
Acq: 06 Nov 2024 14:02

Tgt Ion: 64 Resp: 204
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#

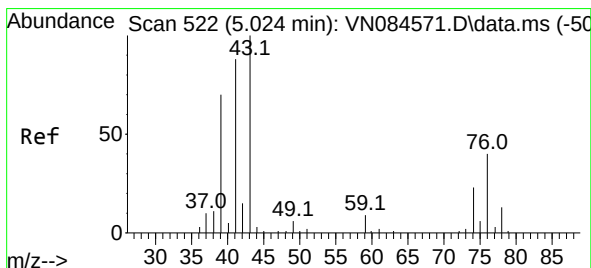
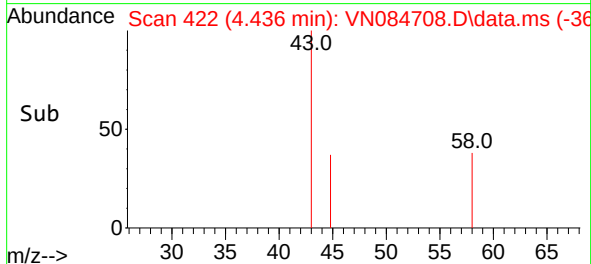
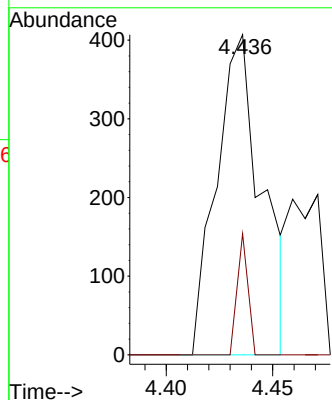
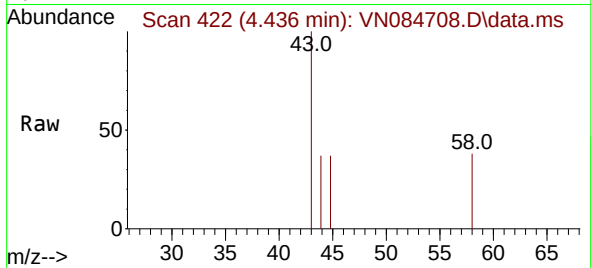




#16
Acetone
Concen: Below Cal
RT: 4.436 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN084708.D
Acq: 06 Nov 2024 14:02

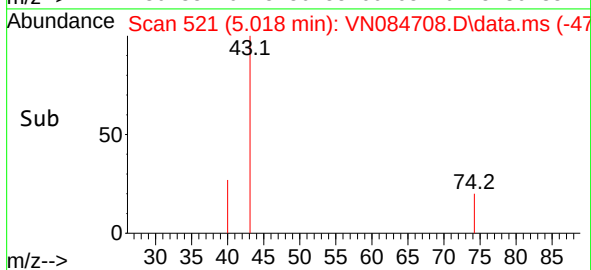
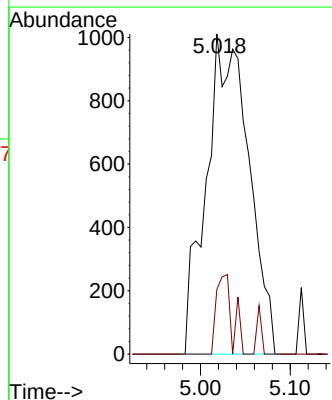
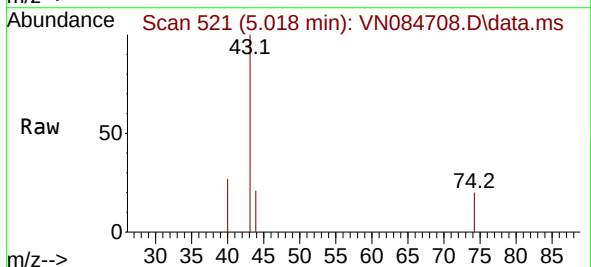
Instrument :
MSVOA_N
ClientSampleId :

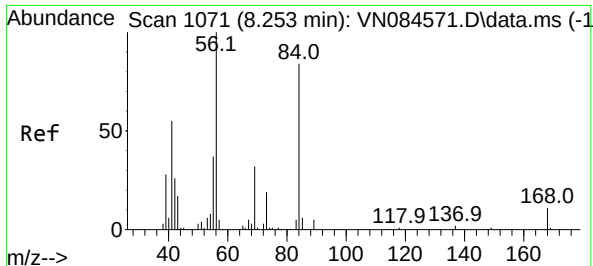
Tgt Ion: 43 Resp: 605
Ion Ratio Lower Upper
43 100
58 37.8 24.4 36.6#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN084708.D
Acq: 06 Nov 2024 14:02

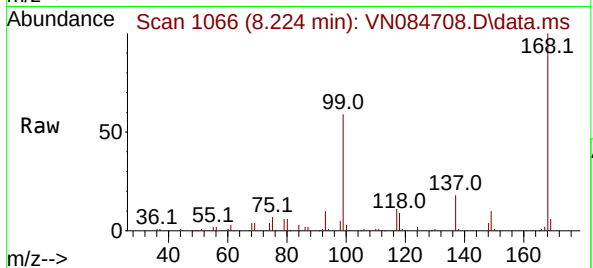
Tgt Ion: 43 Resp: 3327
Ion Ratio Lower Upper
43 100
74 9.3 19.2 28.8#



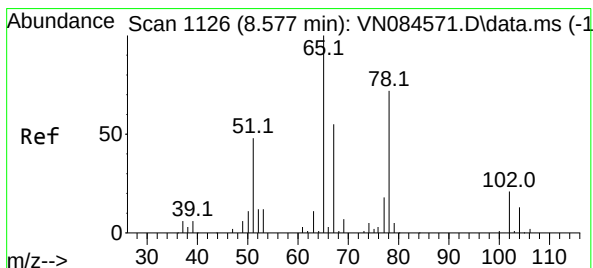
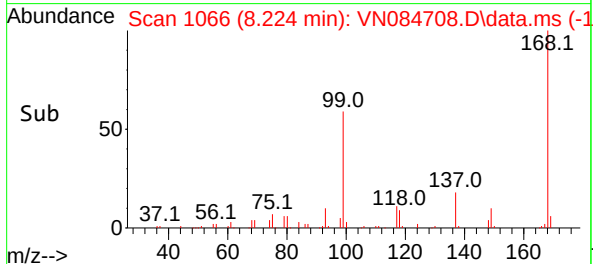
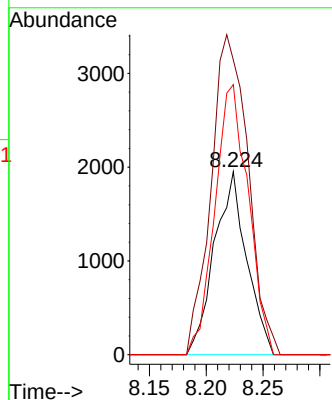


#31
Cyclohexane
Concen: 1.038 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084708.D
Acq: 06 Nov 2024 14:02

Instrument :
MSVOA_N
ClientSampleId :

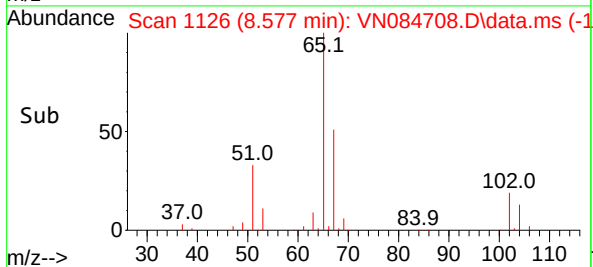
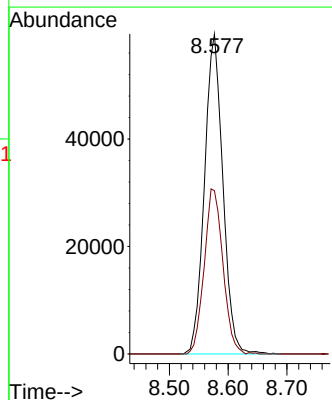
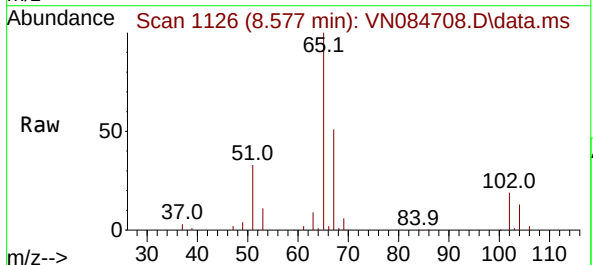


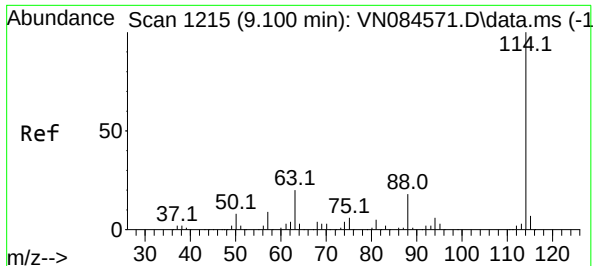
Tgt Ion: 56 Resp: 3853
Ion Ratio Lower Upper
56 100
69 161.1 23.8 35.6#
84 147.5 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 48.095 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084708.D
Acq: 06 Nov 2024 14:02

Tgt Ion: 65 Resp: 129290
Ion Ratio Lower Upper
65 100
67 52.7 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: VN084708.D

Acq: 06 Nov 2024 14:02

Instrument :

MSVOA_N

ClientSampleId :

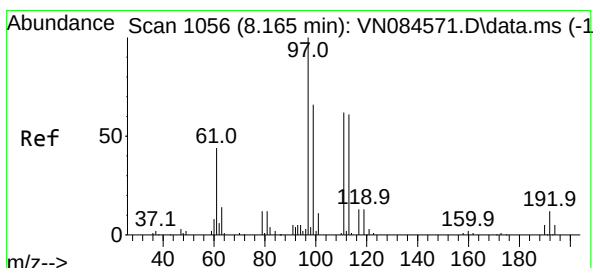
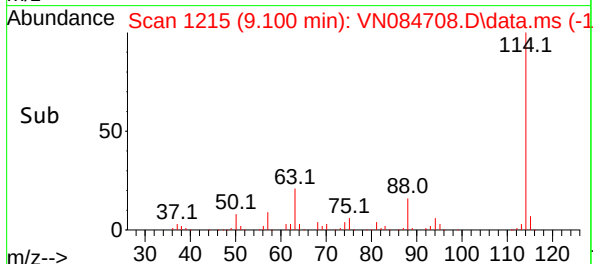
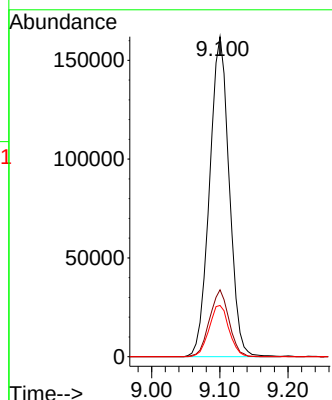
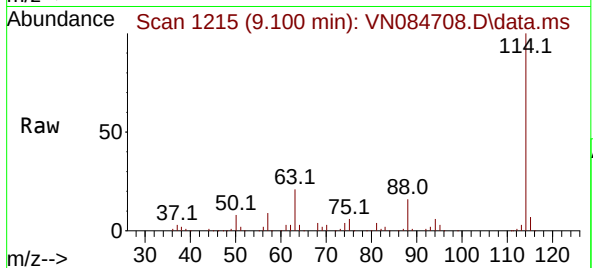
Tgt Ion:114 Resp: 325049

Ion Ratio Lower Upper

114 100

63 20.9 0.0 43.8

88 16.0 0.0 31.6



#35

Dibromofluoromethane

Concen: 48.211 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084708.D

Acq: 06 Nov 2024 14:02

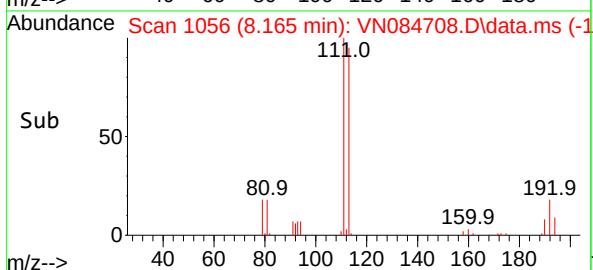
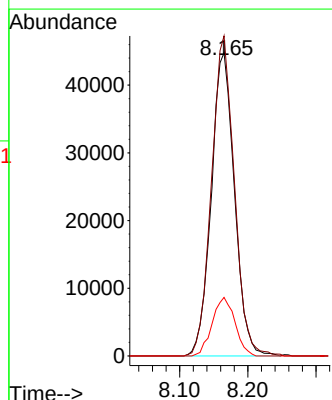
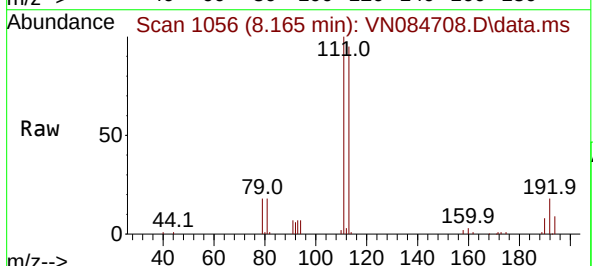
Tgt Ion:113 Resp: 106074

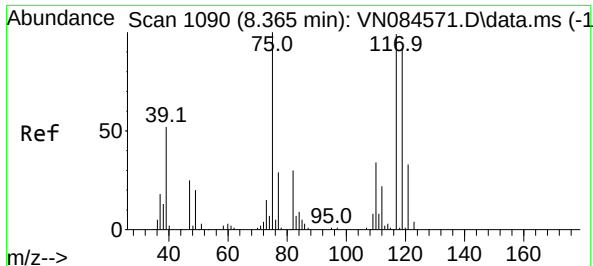
Ion Ratio Lower Upper

113 100

111 103.8 83.3 124.9

192 19.0 13.5 20.3





#36

1,1-Dichloropropene

Concen: 4.998 ug/l

RT: 8.230 min Scan# 1065

Delta R.T. -0.141 min

Lab File: VN084708.D

Acq: 06 Nov 2024 14:02

Instrument :

MSVOA_N

ClientSampleId :

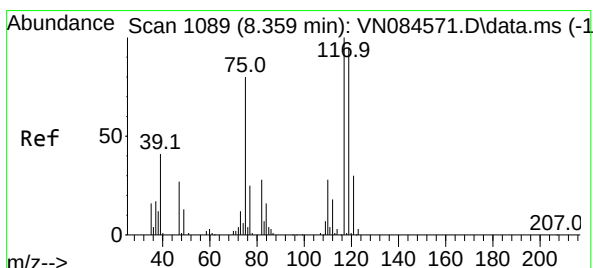
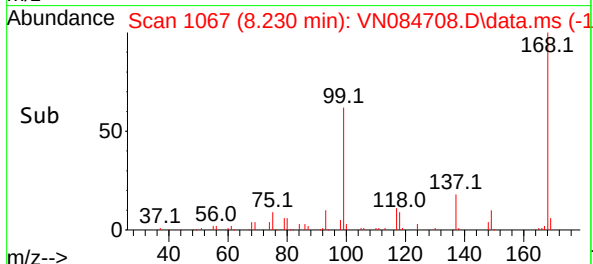
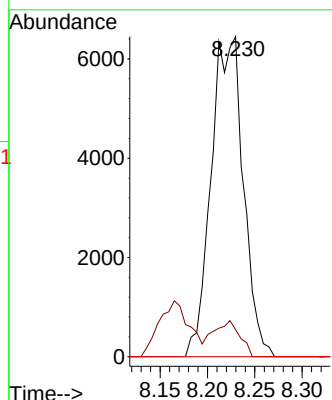
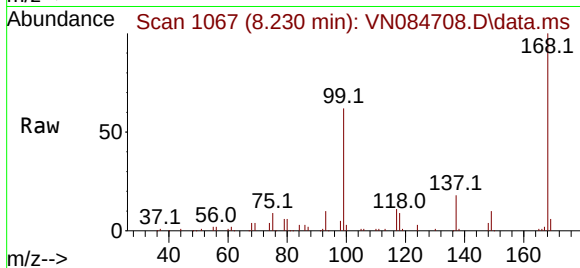
Tgt Ion: 75 Resp: 15252

Ion Ratio Lower Upper

75 100

110 9.4 16.9 50.7#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.759 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.141 min

Lab File: VN084708.D

Acq: 06 Nov 2024 14:02

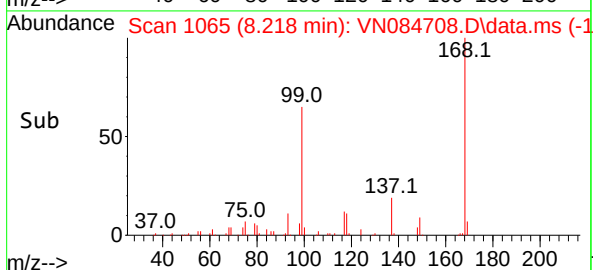
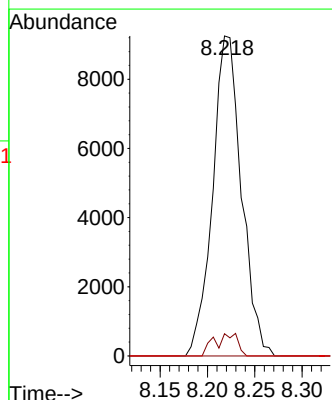
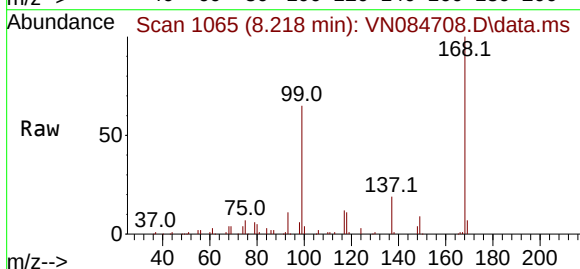
Tgt Ion: 117 Resp: 19642

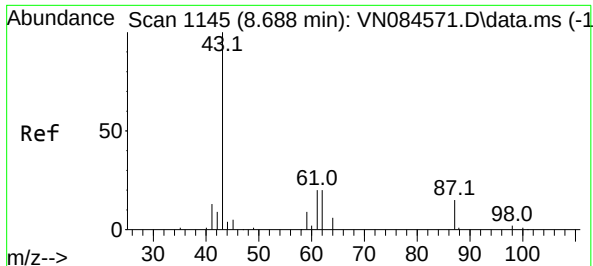
Ion Ratio Lower Upper

117 100

119 6.9 78.7 118.1#

121 0.0 24.4 36.6#

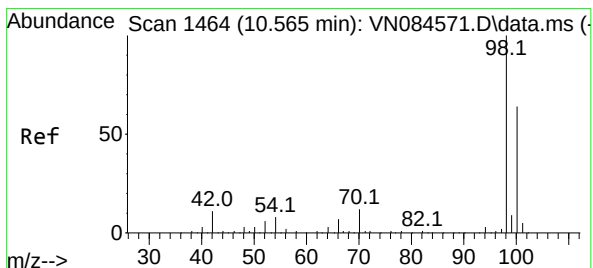
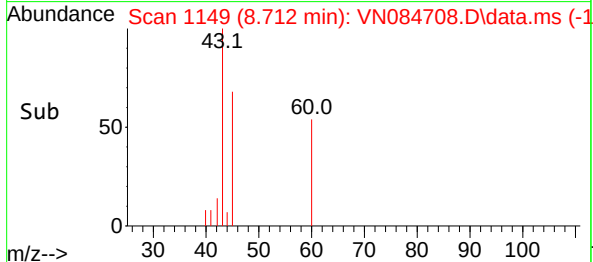
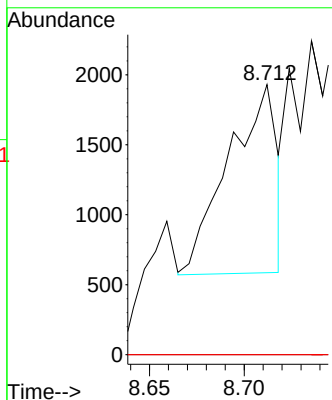
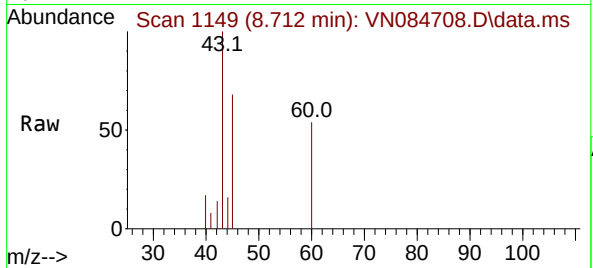




#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.712 min Scan# 1149
Delta R.T. 0.024 min
Lab File: VN084708.D
Acq: 06 Nov 2024 14:02

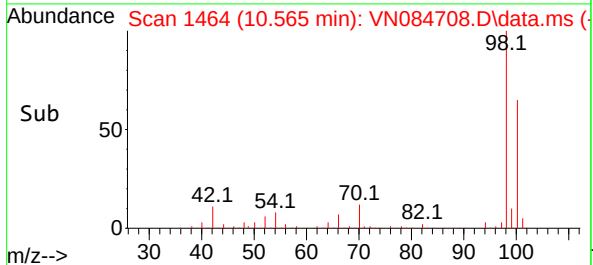
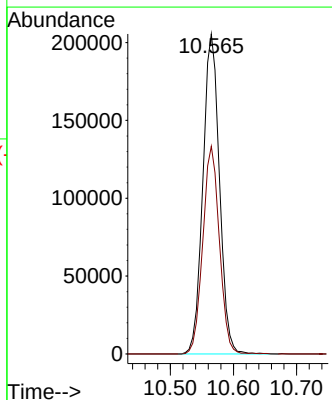
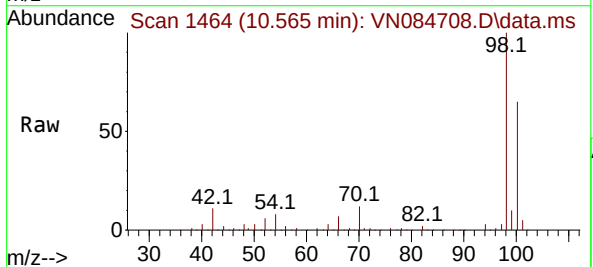
Instrument :
MSVOA_N
ClientSampleId :

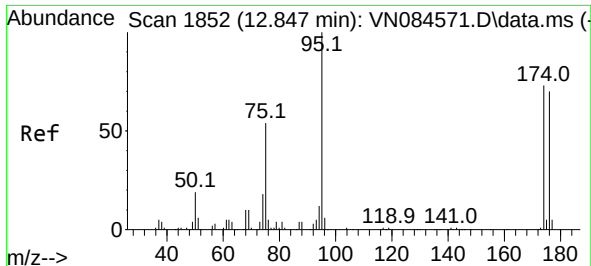
Tgt Ion: 43 Resp: 2406
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.3 15.5#



#50
Toluene-d8
Concen: 46.114 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084708.D
Acq: 06 Nov 2024 14:02

Tgt Ion: 98 Resp: 373742
Ion Ratio Lower Upper
98 100
100 65.0 52.7 79.1

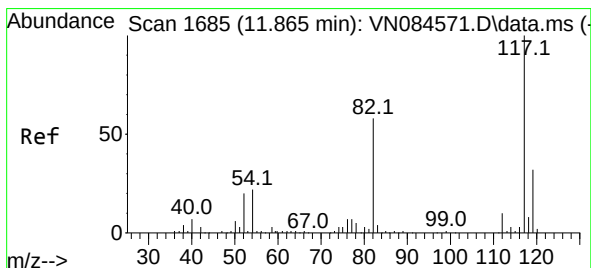
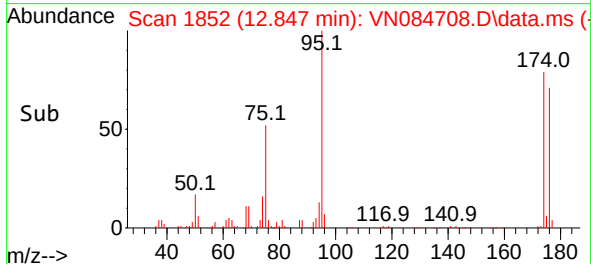
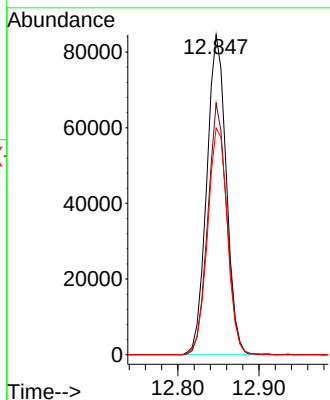
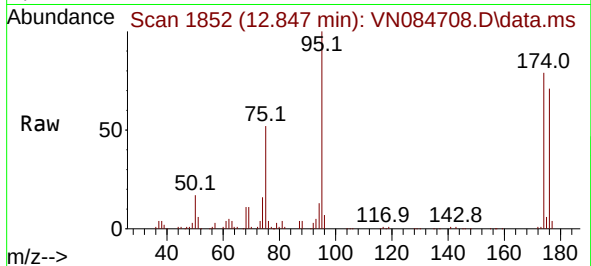




#62
4-Bromofluorobenzene
Concen: 46.494 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084708.D
Acq: 06 Nov 2024 14:02

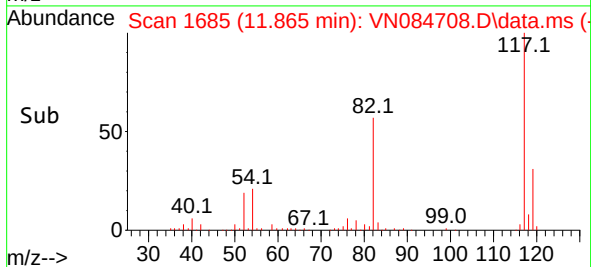
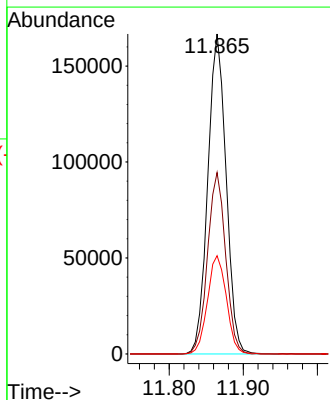
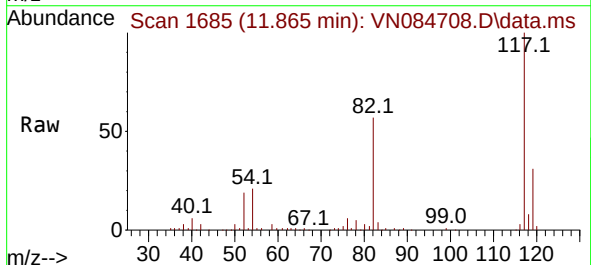
Instrument :
MSVOA_N
ClientSampleId :

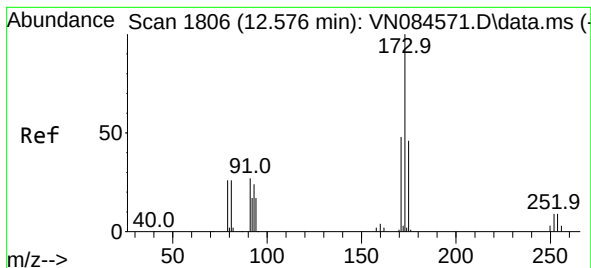
Tgt Ion: 95 Resp: 140830
Ion Ratio Lower Upper
95 100
174 76.8 0.0 145.2
176 72.3 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084708.D
Acq: 06 Nov 2024 14:02

Tgt Ion: 117 Resp: 285775
Ion Ratio Lower Upper
117 100
82 56.7 47.2 70.8
119 30.7 25.4 38.0





#71

Bromoform

Concen: 0.552 ug/l

RT: 12.847 min Scan# 1806

Delta R.T. 0.271 min

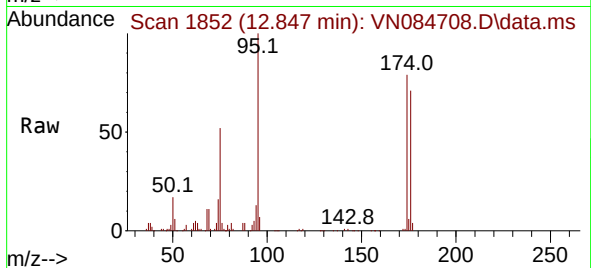
Lab File: VN084708.D

Acq: 06 Nov 2024 14:02

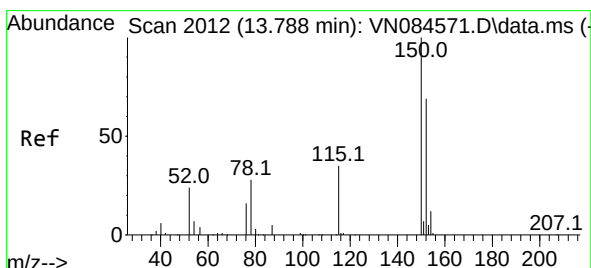
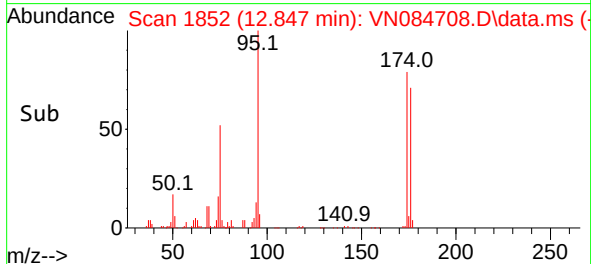
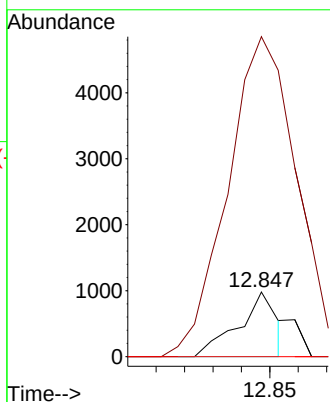
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	173	Resp:	924
Ion Ratio	Lower	Upper	
173	100		
175	688.7	23.5	70.6#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

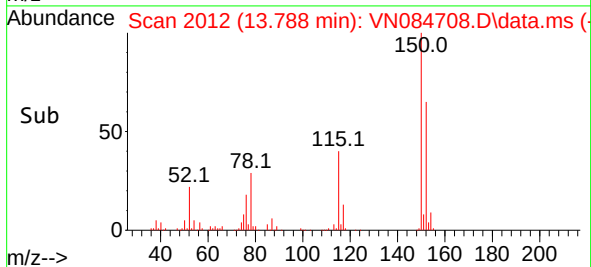
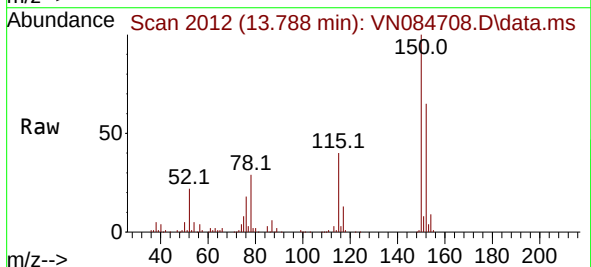
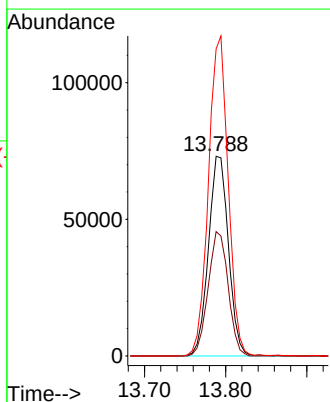
RT: 13.788 min Scan# 1202

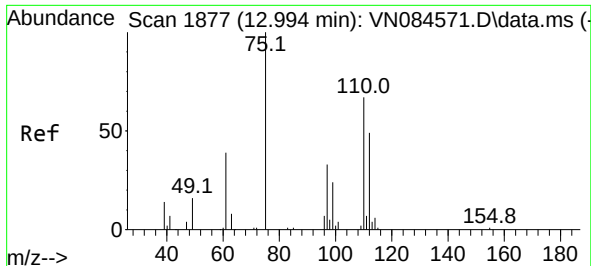
Delta R.T. 0.000 min

Lab File: VN084708.D

Acq: 06 Nov 2024 14:02

Tgt Ion:	152	Resp:	125045
Ion Ratio	Lower	Upper	
152	100		
115	62.1	31.3	93.9
150	157.8	0.0	349.8

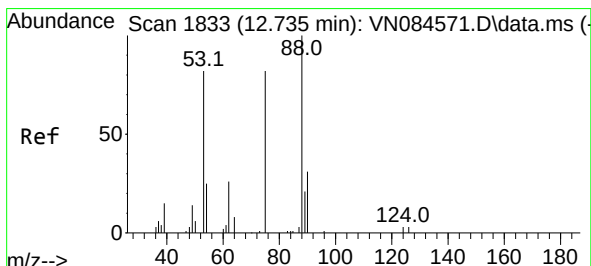
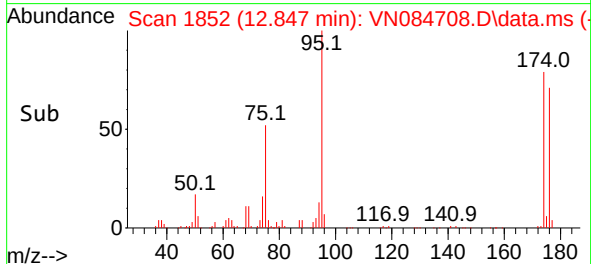
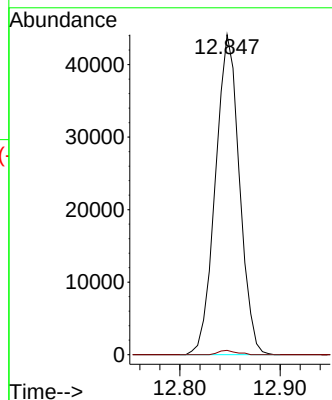
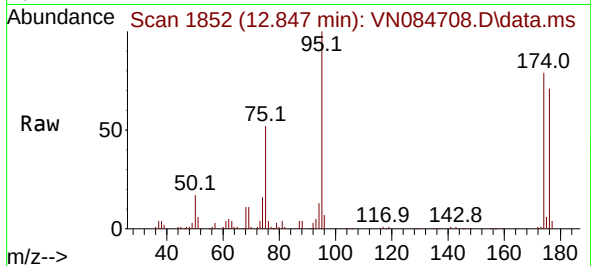




#76
1,2,3-Trichloropropane
Concen: 29.334 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084708.D
Acq: 06 Nov 2024 14:02

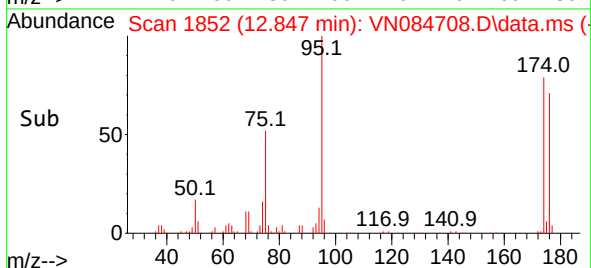
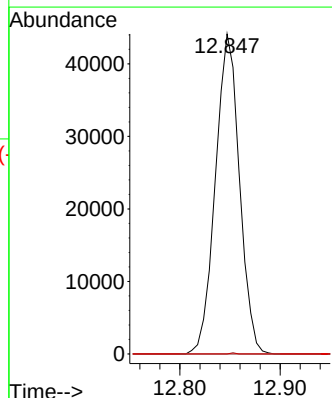
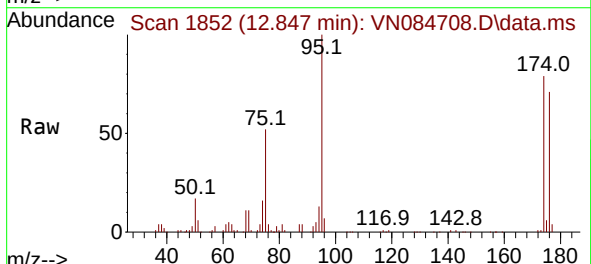
Instrument :
MSVOA_N
ClientSampleId :

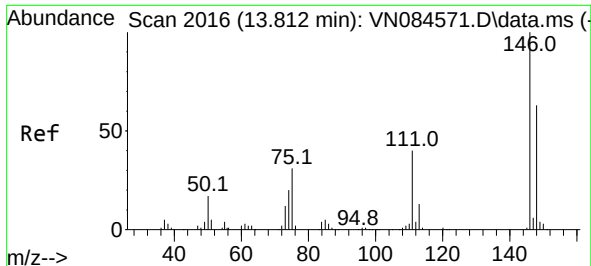
Tgt Ion: 75 Resp: 73323
Ion Ratio Lower Upper
75 100
77 1.0 96.9 290.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.592 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084708.D
Acq: 06 Nov 2024 14:02

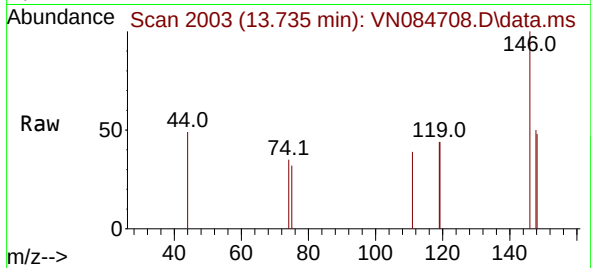
Tgt Ion: 75 Resp: 73323
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 35.5 53.3#



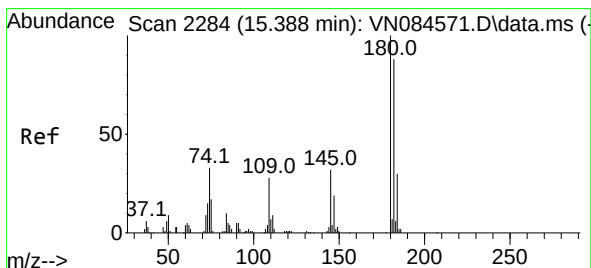
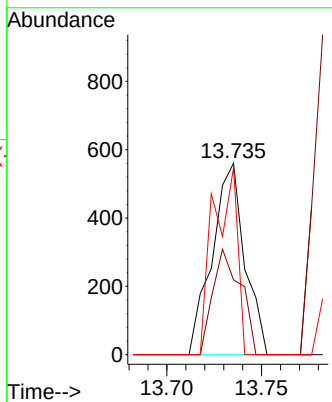
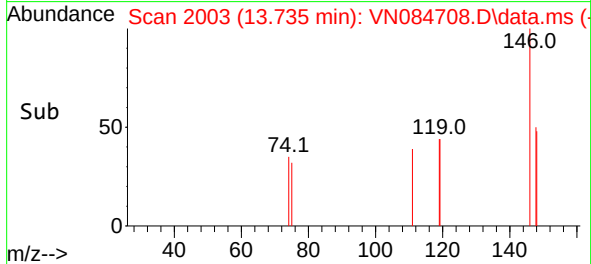


#88
1,4-Dichlorobenzene
Concen: Below Cal
RT: 13.735 min Scan# 2016
Delta R.T. -0.077 min
Lab File: VN084708.D
Acq: 06 Nov 2024 14:02

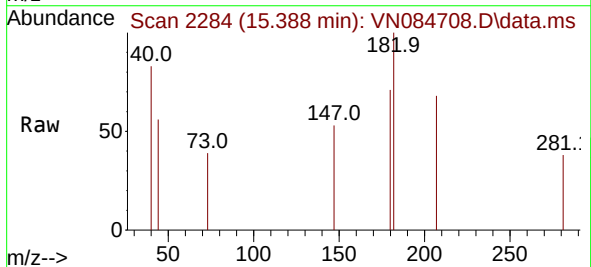
Instrument :
MSVOA_N
ClientSampleId :



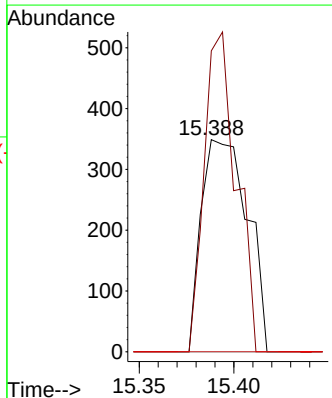
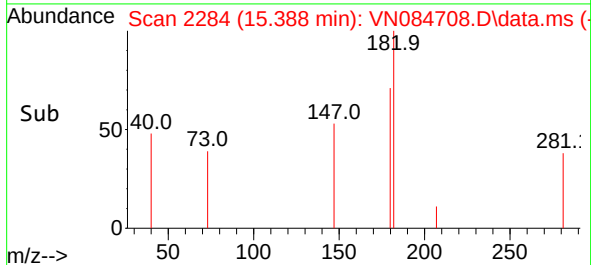
Tgt Ion:146 Resp: 672
Ion Ratio Lower Upper
146 100
111 47.0 21.2 63.6
148 71.7 31.9 95.9

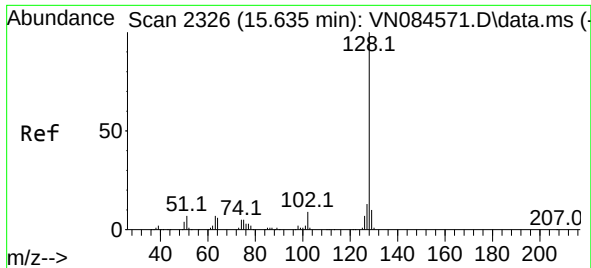


#93
1,2,4-Trichlorobenzene
Concen: 0.246 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. 0.000 min
Lab File: VN084708.D
Acq: 06 Nov 2024 14:02



Tgt Ion:180 Resp: 594
Ion Ratio Lower Upper
180 100
182 104.2 47.0 141.0
145 0.0 16.4 49.4#





#95

Naphthalene

Concen: 0.233 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.012 min MSVOA_N

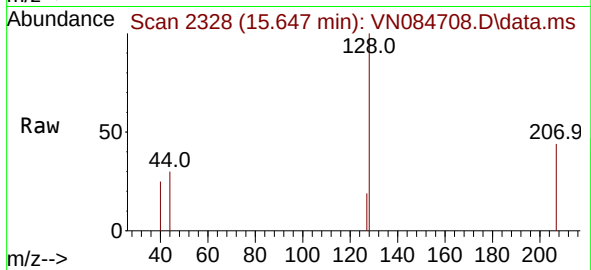
Lab File: VN084708.D

Acq: 06 Nov 2024 14:02

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:128 Resp: 1686

Ion Ratio Lower Upper

128 100

127 7.5 10.5 15.7#

129 0.0 8.7 13.1#

