

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100324\
 Data File : VN084301.D
 Acq On : 03 Oct 2024 16:15
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Oct 04 01:38:02 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)

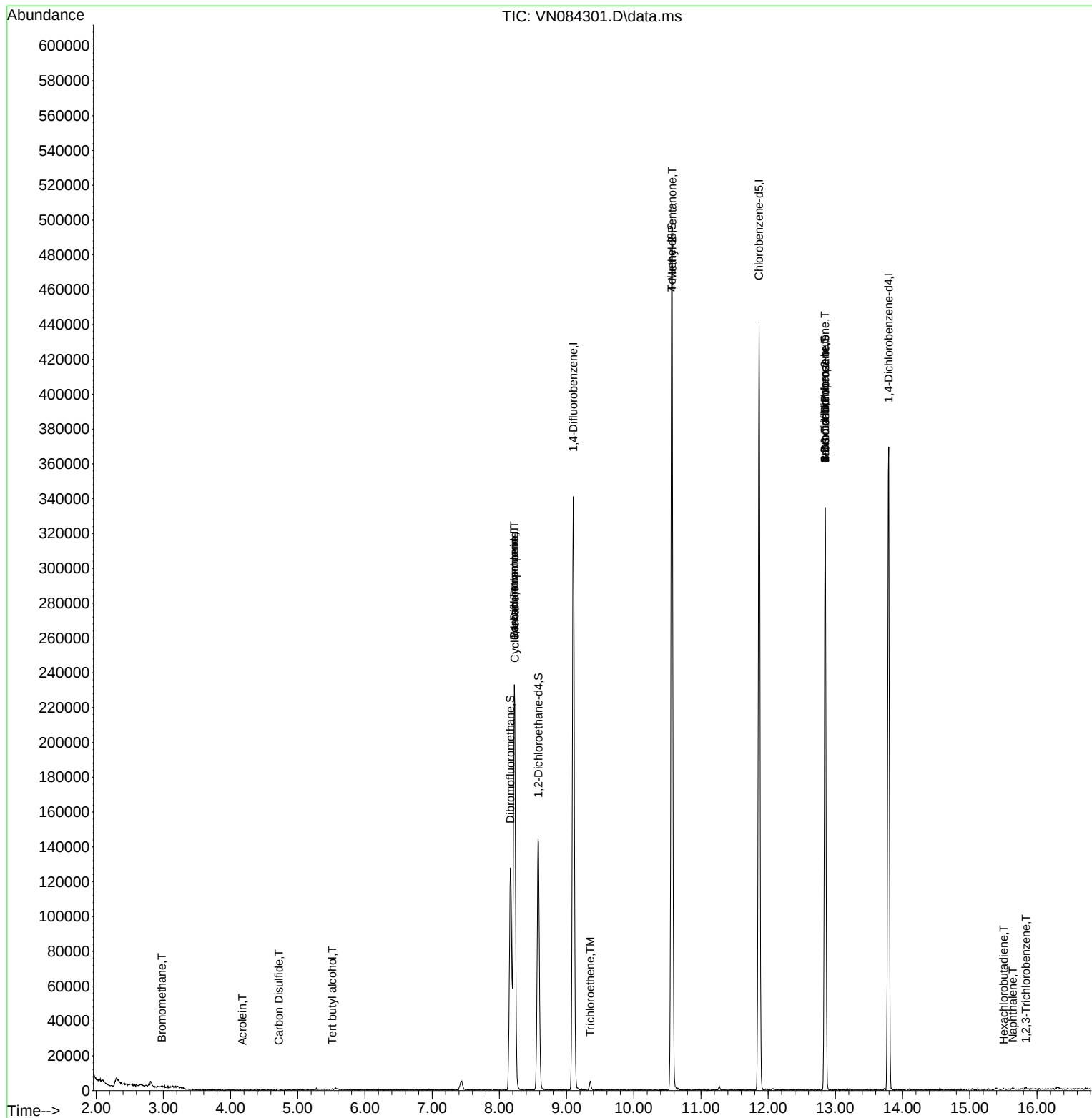
Internal Standards						
1) Pentafluorobenzene	8.224	168	161697	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	286872	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	244629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	96293	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	121774	50.793	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 101.580%		
35) Dibromofluoromethane	8.165	113	96170	50.850	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.700%		
50) Toluene-d8	10.565	98	348023	50.017	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 100.040%		
62) 4-Bromofluorobenzene	12.847	95	116045	45.779	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 91.560%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.977	94	372	0.267	ug/l	85
11) Tert butyl alcohol	5.512	59	132	0.334	ug/l #	73
13) Acrolein	4.177	56	120	0.264	ug/l #	14
17) Carbon Disulfide	4.718	76	1318	0.229	ug/l #	75
31) Cyclohexane	8.230	56	3943	1.110	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	15201	5.533	ug/l #	49
38) Carbon Tetrachloride	8.224	117	18068	5.996	ug/l #	15
44) Trichloroethene	9.353	130	1756	0.878	ug/l	87
51) 4-Methyl-2-Pentanone	10.571	43	1605	0.598	ug/l #	1
71) Bromoform	12.847	173	576	0.419	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	61579	31.324	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	61579	75.099	ug/l #	11
94) Hexachlorobutadiene	15.506	225	208	0.260	ug/l #	18
95) Naphthalene	15.641	128	1431	0.269	ug/l #	76
96) 1,2,3-Trichlorobenzene	15.835	180	391	0.243	ug/l	89

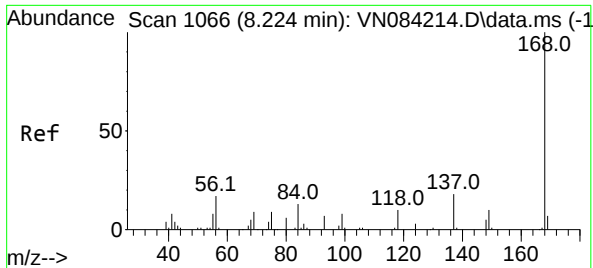
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

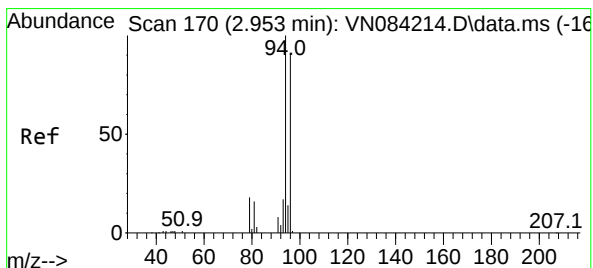
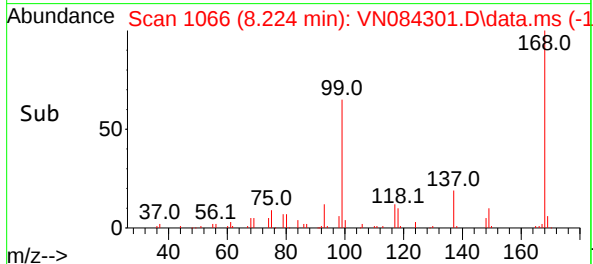
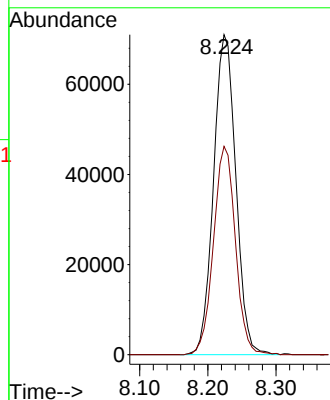
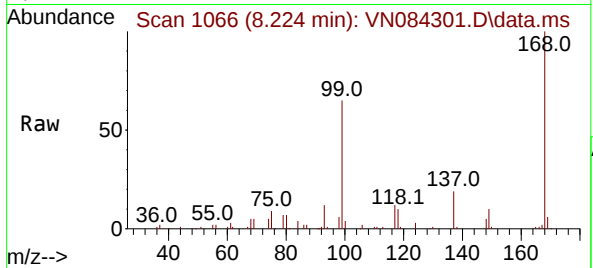




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084301.D
Acq: 03 Oct 2024 16:15

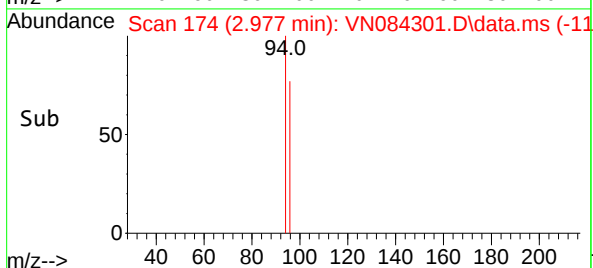
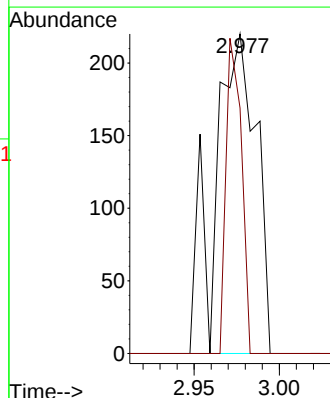
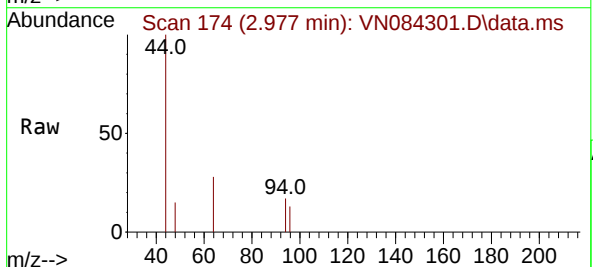
Instrument :
MSVOA_N
ClientSampleId :
IBLK

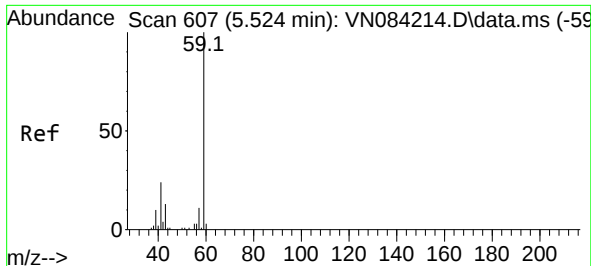
Tgt Ion:168 Resp: 161697
Ion Ratio Lower Upper
168 100
99 65.1 54.2 81.2



#5
Bromomethane
Concen: 0.267 ug/l
RT: 2.977 min Scan# 174
Delta R.T. 0.023 min
Lab File: VN084301.D
Acq: 03 Oct 2024 16:15

Tgt Ion: 94 Resp: 372
Ion Ratio Lower Upper
94 100
96 76.8 72.9 109.3

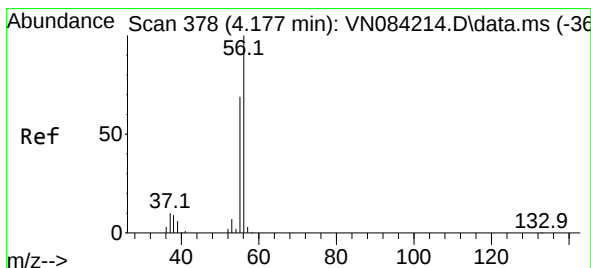
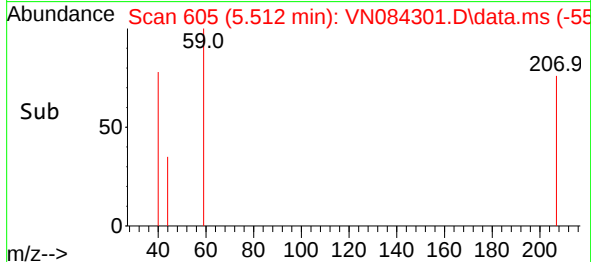
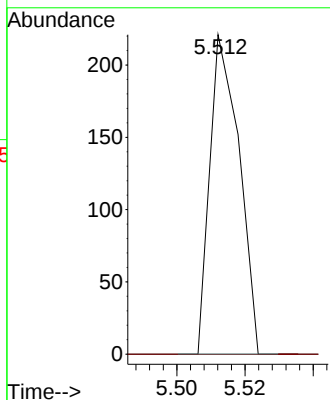
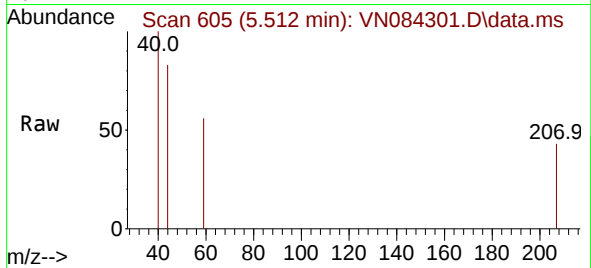




#11
Tert butyl alcohol
Concen: 0.334 ug/l
RT: 5.512 min Scan# 607
Delta R.T. -0.012 min
Lab File: VN084301.D
Acq: 03 Oct 2024 16:15

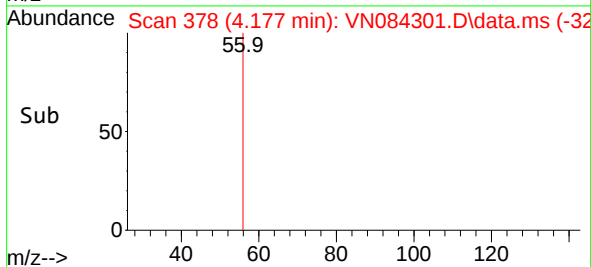
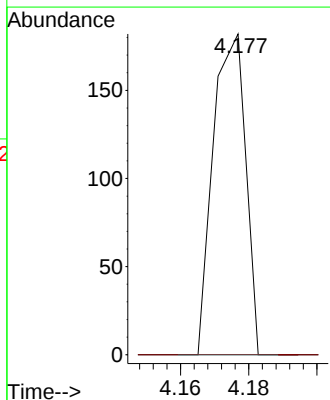
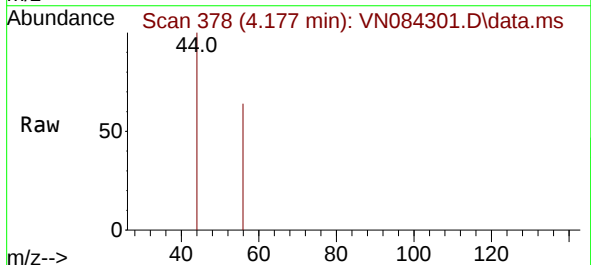
Instrument :
MSVOA_N
ClientSampleId :
IBLK

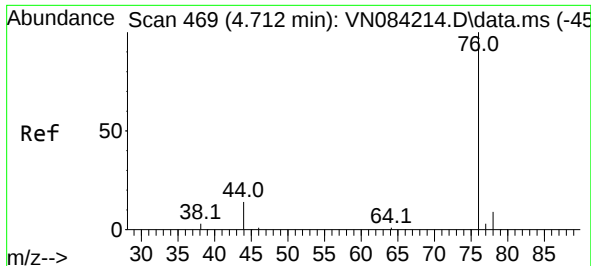
Tgt Ion: 59 Resp: 132
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#13
Acrolein
Concen: 0.264 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN084301.D
Acq: 03 Oct 2024 16:15

Tgt Ion: 56 Resp: 120
Ion Ratio Lower Upper
56 100
55 0.0 57.2 85.8#





#17

Carbon Disulfide

Concen: 0.229 ug/l

RT: 4.718 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN084301.D

Acq: 03 Oct 2024 16:15

Instrument :

MSVOA_N

ClientSampleId :

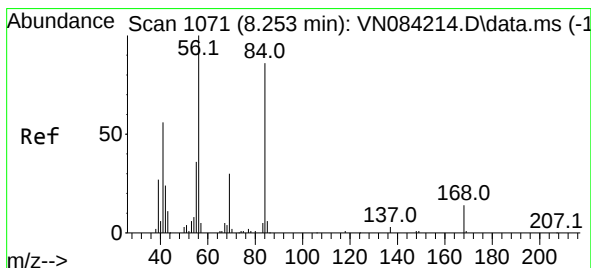
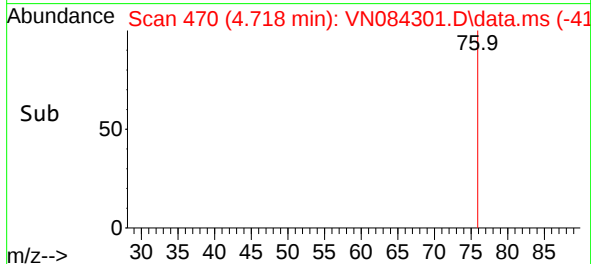
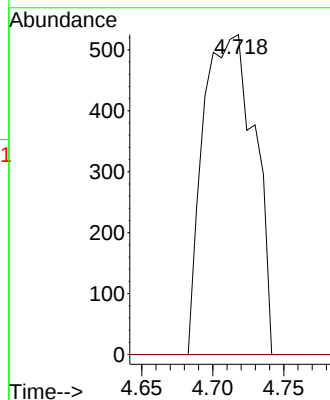
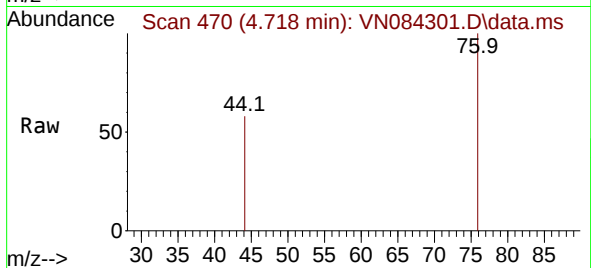
IBLK

Tgt Ion: 76 Resp: 1318

Ion Ratio Lower Upper

76 100

78 0.0 7.3 10.9#



#31

Cyclohexane

Concen: 1.110 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.024 min

Lab File: VN084301.D

Acq: 03 Oct 2024 16:15

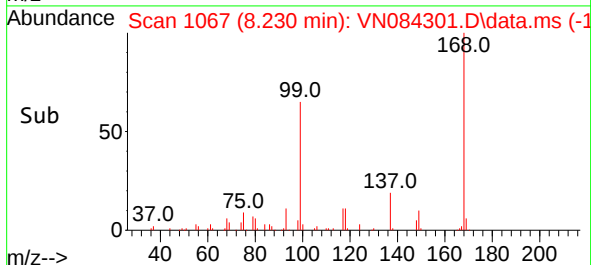
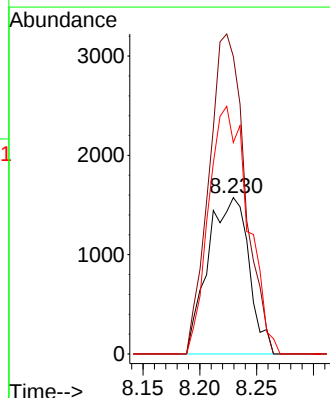
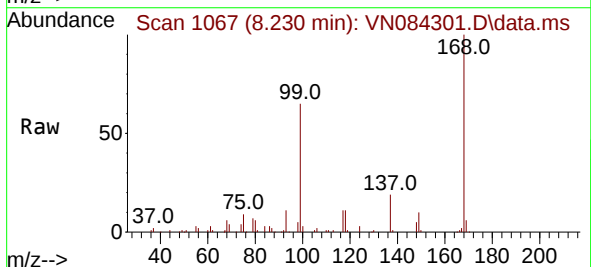
Tgt Ion: 56 Resp: 3943

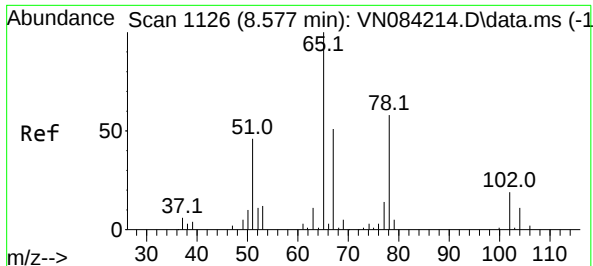
Ion Ratio Lower Upper

56 100

69 190.5 23.8 35.6#

84 135.4 68.8 103.2#





#33

1,2-Dichloroethane-d4

Concen: 50.793 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN084301.D

Acq: 03 Oct 2024 16:15

Instrument :

MSVOA_N

ClientSampleId :

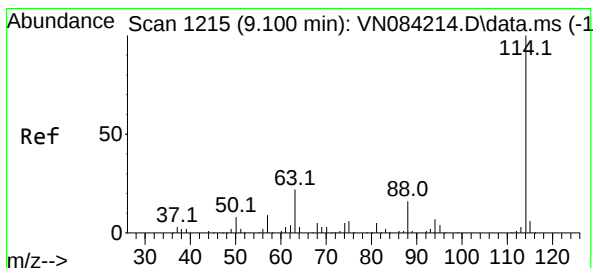
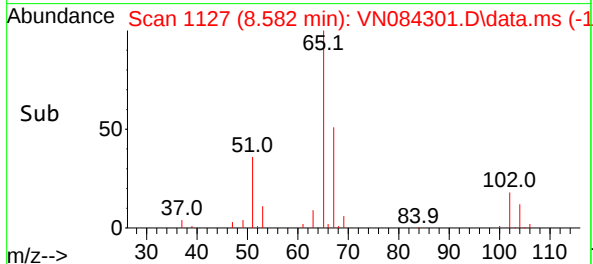
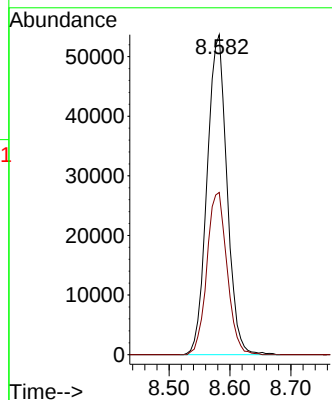
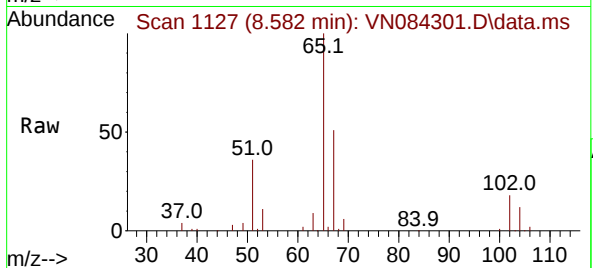
IBLK

Tgt Ion: 65 Resp: 121774

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# 1215

Delta R.T. -0.000 min

Lab File: VN084301.D

Acq: 03 Oct 2024 16:15

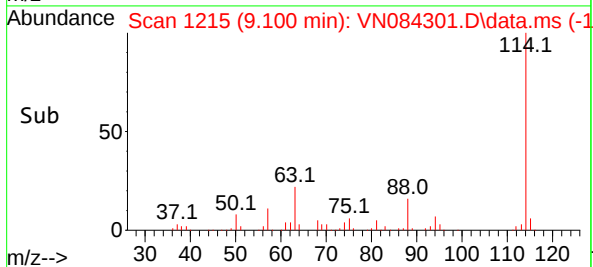
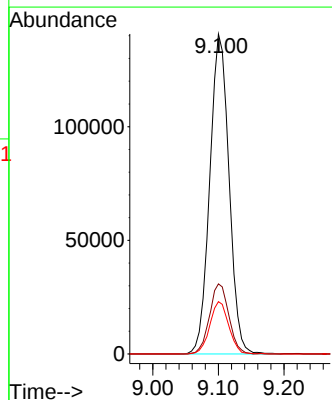
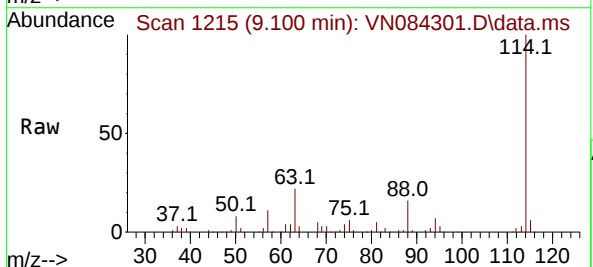
Tgt Ion: 114 Resp: 286872

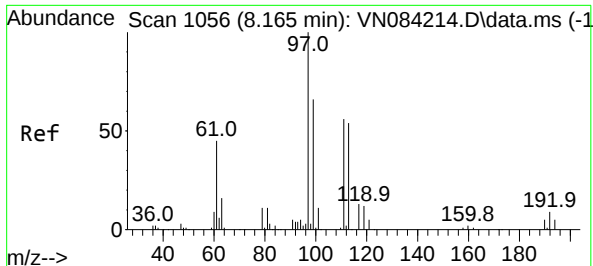
Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.8

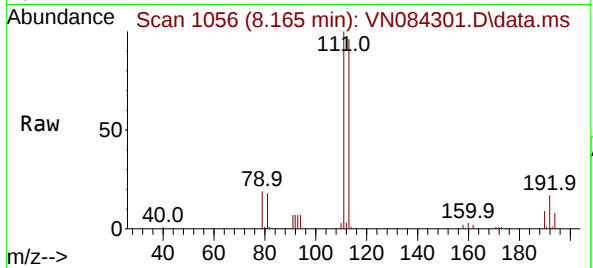
88 16.3 0.0 31.6



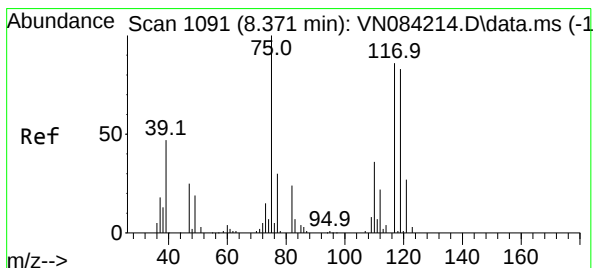
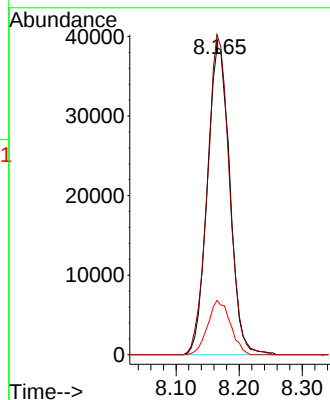
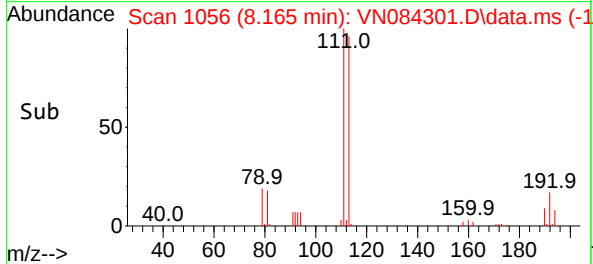


#35
Dibromofluoromethane
Concen: 50.850 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN084301.D
Acq: 03 Oct 2024 16:15

Instrument :
MSVOA_N
ClientSampleId :
IBLK

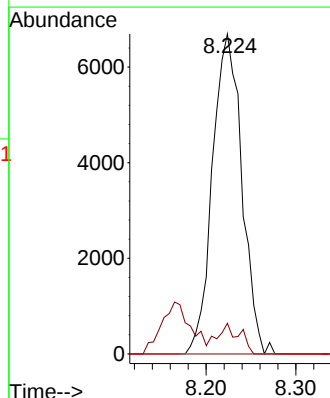
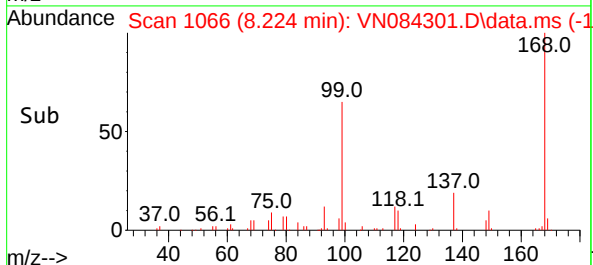
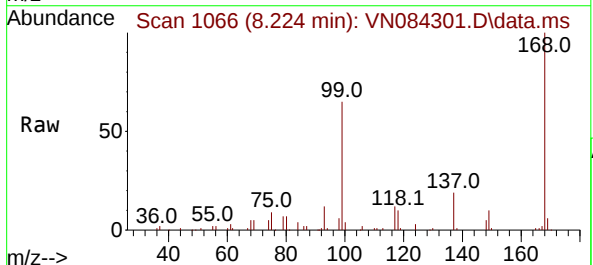


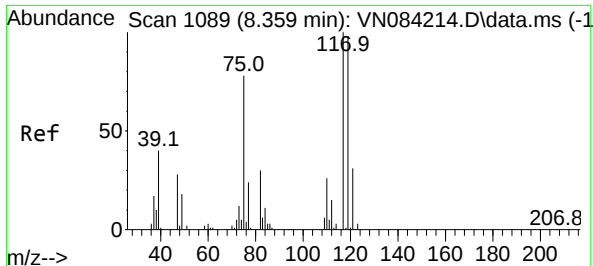
Tgt Ion:113 Resp: 96170
Ion Ratio Lower Upper
113 100
111 101.2 83.3 124.9
192 17.6 13.5 20.3



#36
1,1-Dichloropropene
Concen: 5.533 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN084301.D
Acq: 03 Oct 2024 16:15

Tgt Ion: 75 Resp: 15201
Ion Ratio Lower Upper
75 100
110 7.3 16.9 50.7#
77 0.0 24.7 37.1#

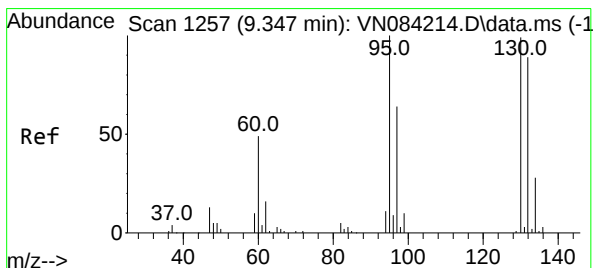
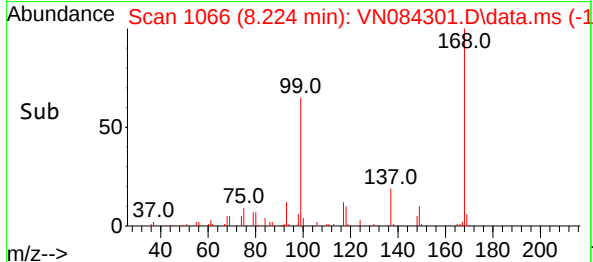
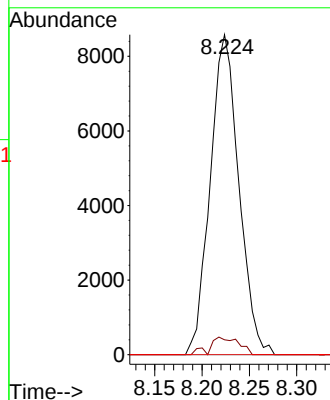
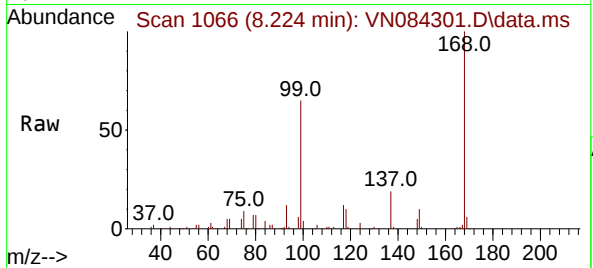




#38
Carbon Tetrachloride
Concen: 5.996 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN084301.D
Acq: 03 Oct 2024 16:15

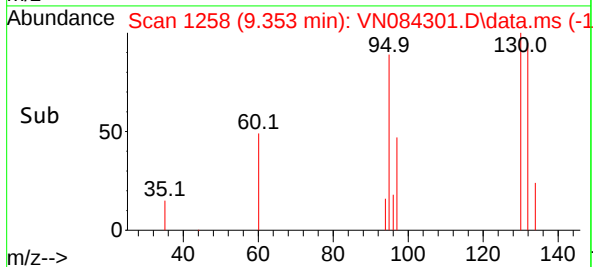
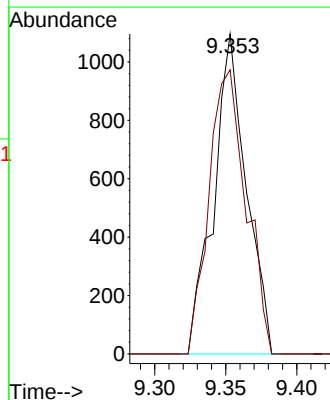
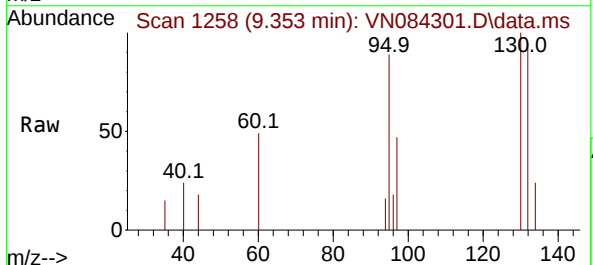
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IBLK

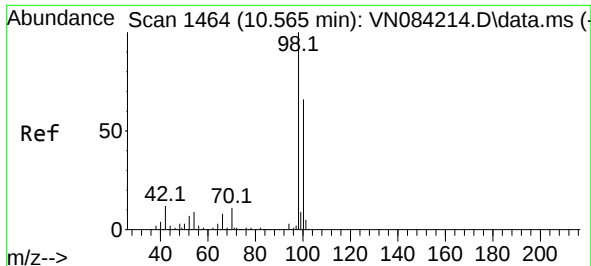
Tgt Ion:117 Resp: 18068
Ion Ratio Lower Upper
117 100
119 4.6 78.7 118.1#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.878 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN084301.D
Acq: 03 Oct 2024 16:15

Tgt Ion:130 Resp: 1756
Ion Ratio Lower Upper
130 100
95 88.8 0.0 203.0

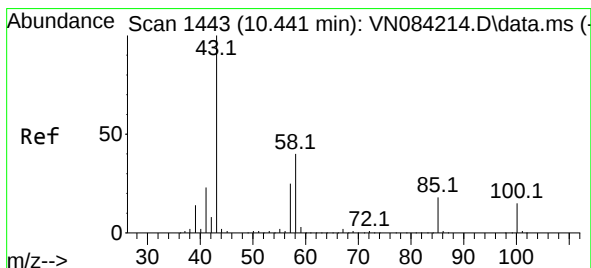
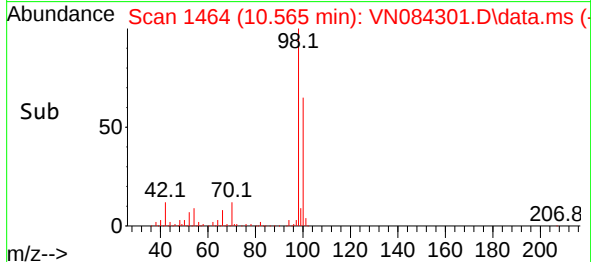
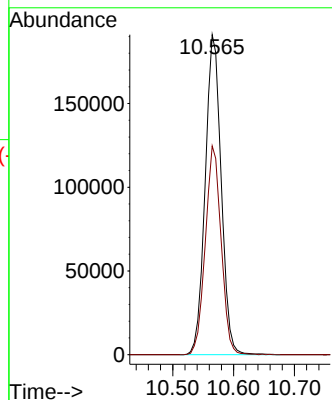
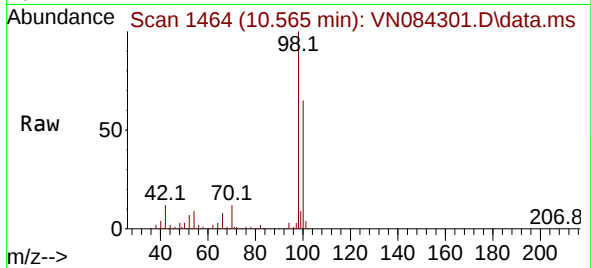




#50
Toluene-d8
Concen: 50.017 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084301.D
Acq: 03 Oct 2024 16:15

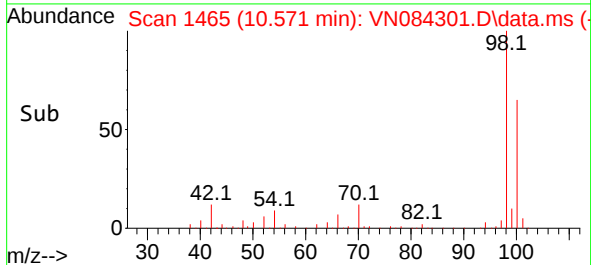
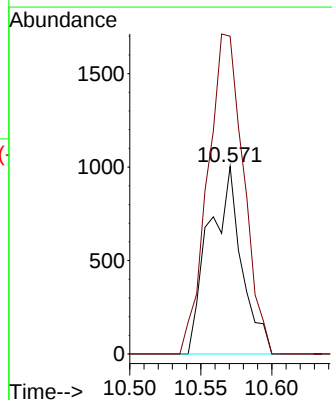
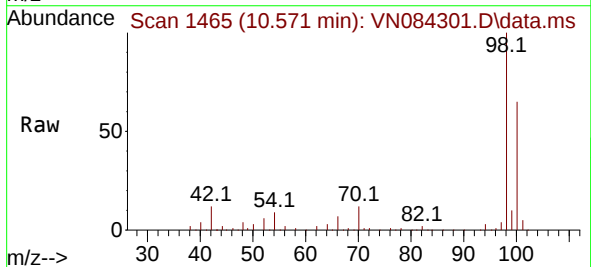
Instrument :
MSVOA_N
ClientSampleId :
IBLK

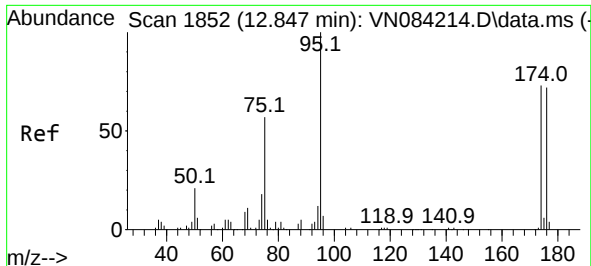
Tgt Ion: 98 Resp: 348023
Ion Ratio Lower Upper
98 100
100 64.6 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.598 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.129 min
Lab File: VN084301.D
Acq: 03 Oct 2024 16:15

Tgt Ion: 43 Resp: 1605
Ion Ratio Lower Upper
43 100
58 187.4 31.6 47.4#

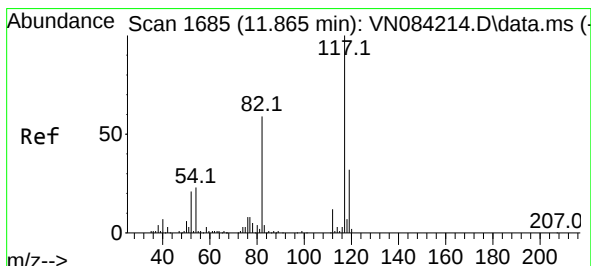
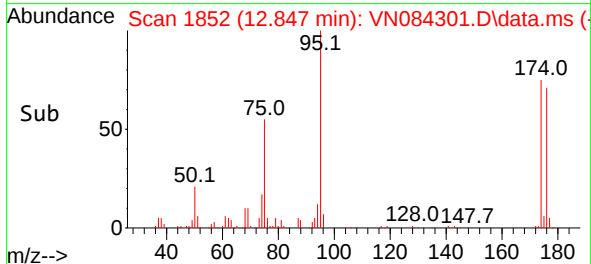
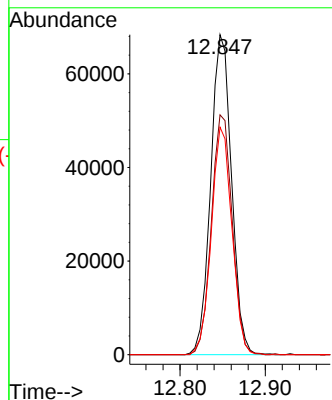
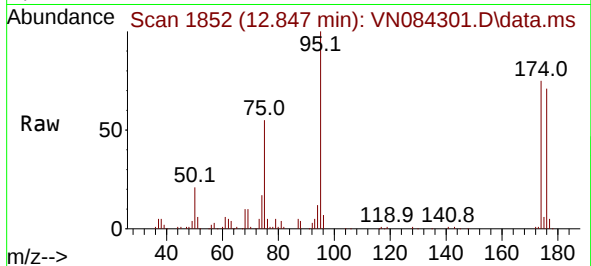




#62
4-Bromofluorobenzene
Concen: 45.779 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084301.D
Acq: 03 Oct 2024 16:15

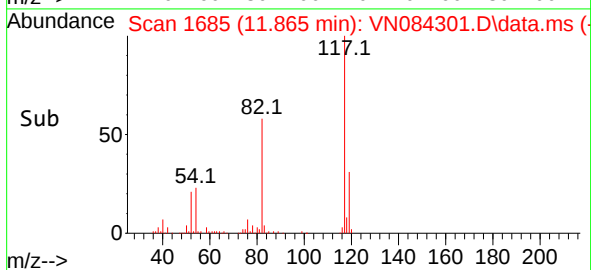
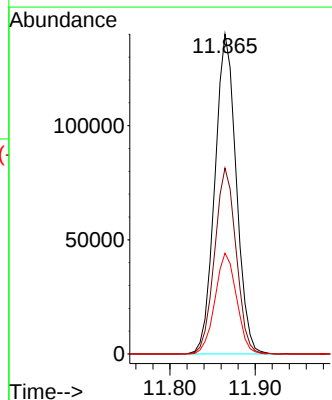
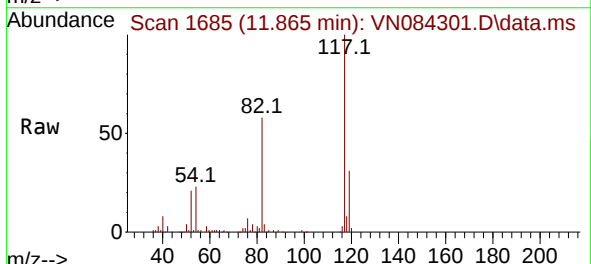
Instrument :
MSVOA_N
ClientSampleId :
IBLK

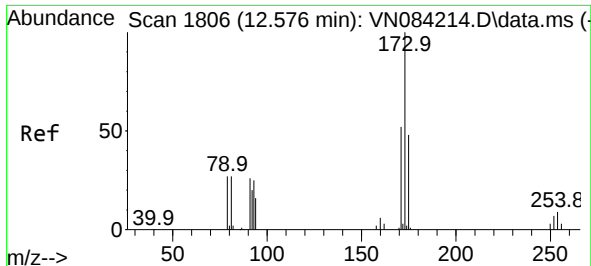
Tgt Ion: 95 Resp: 116045
Ion Ratio Lower Upper
95 100
174 75.0 0.0 145.2
176 70.3 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084301.D
Acq: 03 Oct 2024 16:15

Tgt Ion: 117 Resp: 244629
Ion Ratio Lower Upper
117 100
82 58.1 47.2 70.8
119 31.5 25.4 38.0

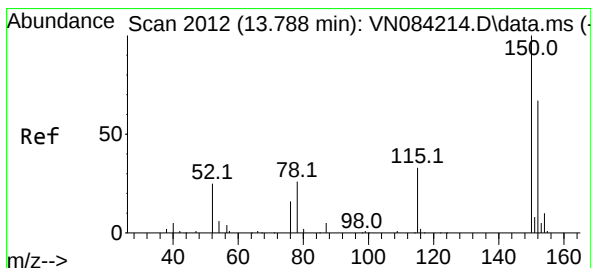
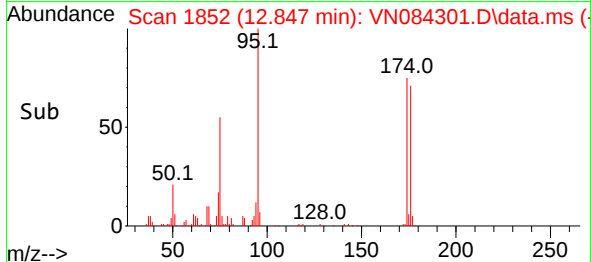
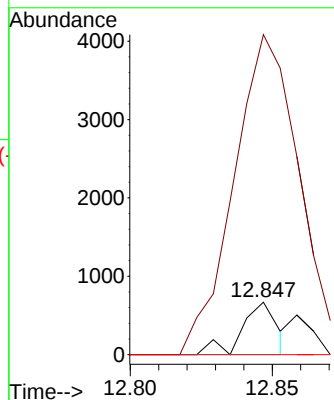
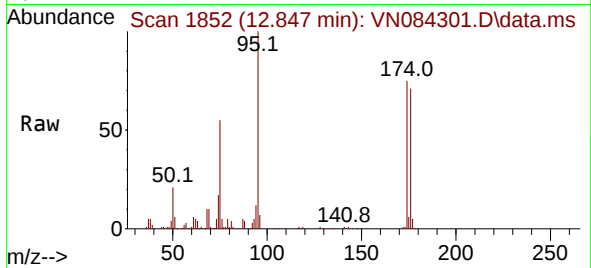




#71
Bromoform
Concen: 0.419 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.271 min
Lab File: VN084301.D
Acq: 03 Oct 2024 16:15

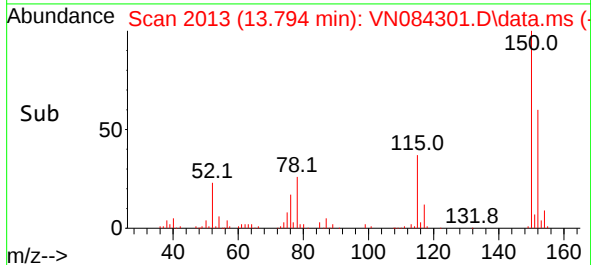
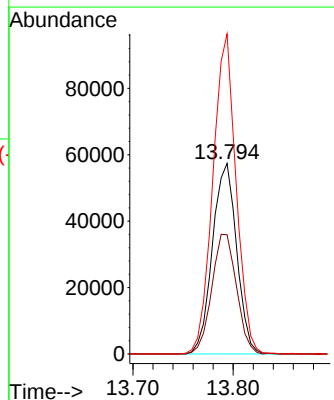
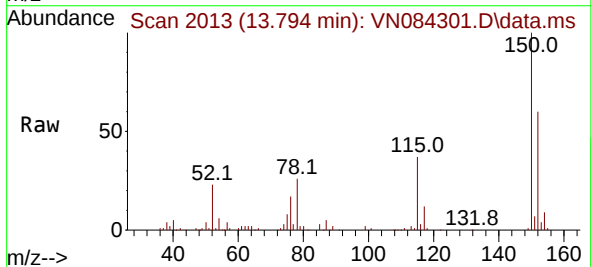
Instrument :
MSVOA_N
ClientSampleId :
IBLK

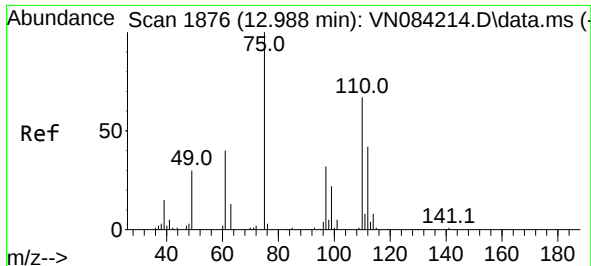
Tgt Ion:173 Resp: 576
Ion Ratio Lower Upper
173 100
175 867.0 23.5 70.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN084301.D
Acq: 03 Oct 2024 16:15

Tgt Ion:152 Resp: 96293
Ion Ratio Lower Upper
152 100
115 64.2 31.3 93.9
150 160.8 0.0 349.8

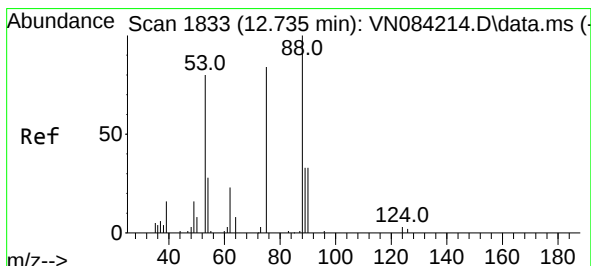
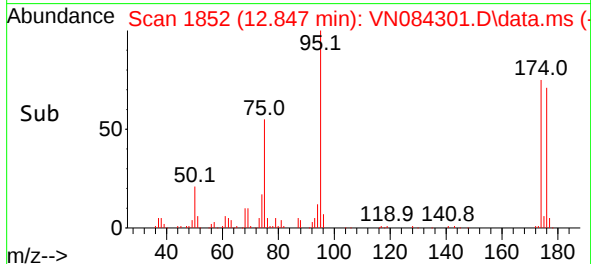
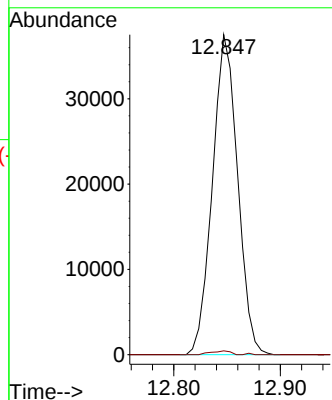
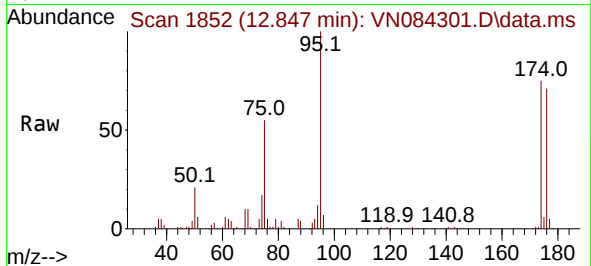




#76
1,2,3-Trichloropropane
Concen: 31.324 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084301.D
Acq: 03 Oct 2024 16:15

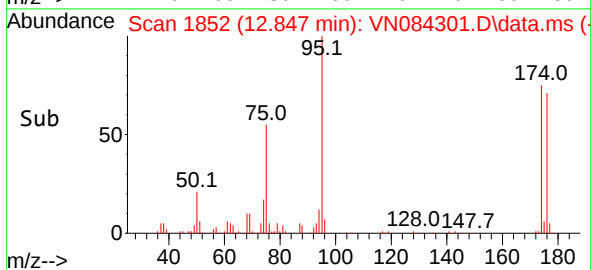
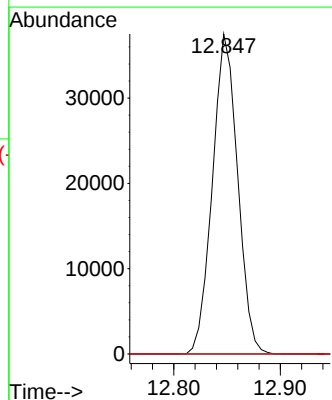
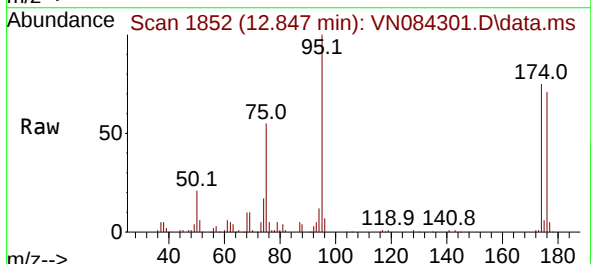
Instrument :
MSVOA_N
ClientSampleId :
IBLK

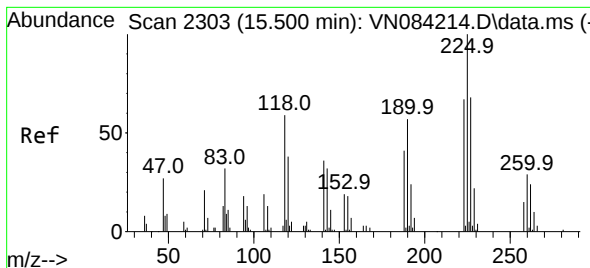
Tgt Ion: 75 Resp: 61579
Ion Ratio Lower Upper
75 100
77 0.9 96.9 290.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.099 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084301.D
Acq: 03 Oct 2024 16:15

Tgt Ion: 75 Resp: 61579
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#





#94

Hexachlorobutadiene

Concen: 0.260 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN084301.D

Acq: 03 Oct 2024 16:15

Instrument :

MSVOA_N

ClientSampleId :

IBLK

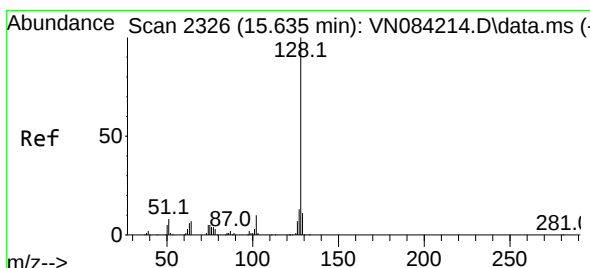
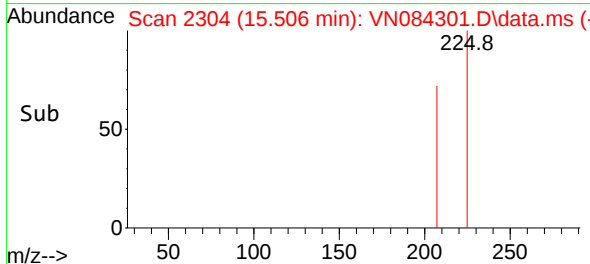
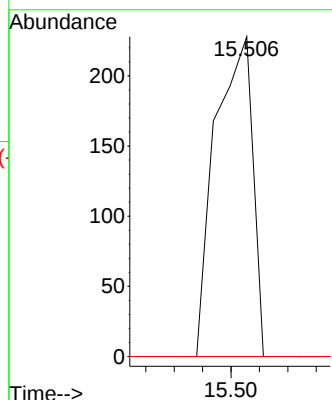
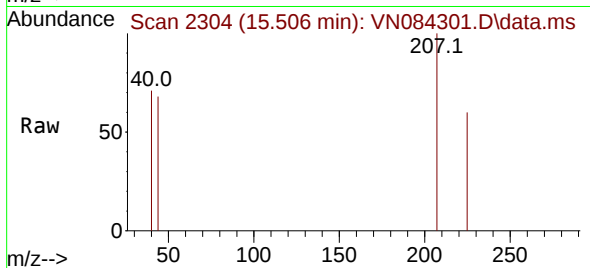
Tgt Ion:225 Resp: 208

Ion Ratio Lower Upper

225 100

223 0.0 32.4 97.2#

227 0.0 32.4 97.0#



#95

Naphthalene

Concen: 0.269 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN084301.D

Acq: 03 Oct 2024 16:15

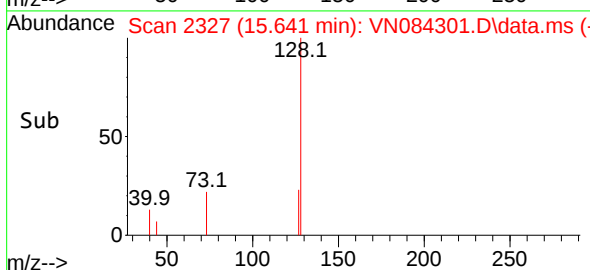
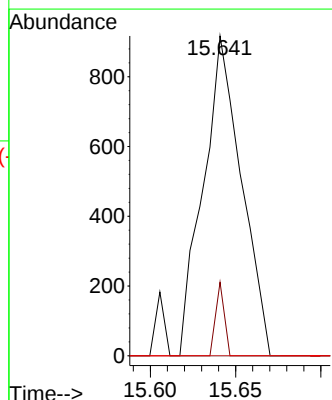
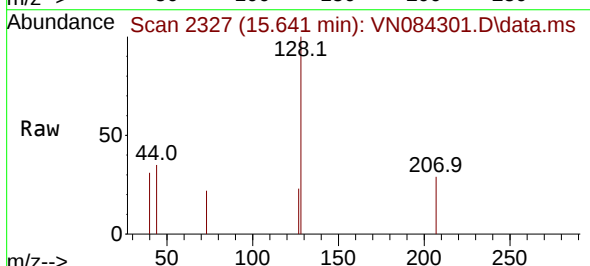
Tgt Ion:128 Resp: 1431

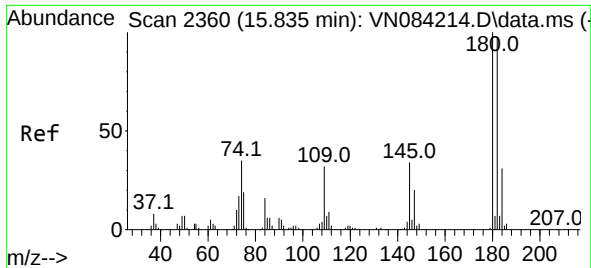
Ion Ratio Lower Upper

128 100

127 5.2 10.5 15.7#

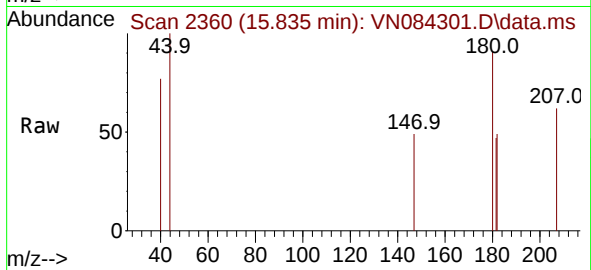
129 0.0 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.243 ug/l
 RT: 15.835 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN084301.D
 Acq: 03 Oct 2024 16:15

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK



Tgt Ion:180	Resp:	391
Ion	Ratio	Lower Upper
180	100	
182	103.3	48.2 144.6
145	21.2	17.3 51.9

