

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012224\
 Data File : VN080734.D
 Acq On : 22 Jan 2024 12:42
 Operator : JC\MD
 Sample : VN0122WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 23 01:31:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N011124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jan 12 05:20:11 2024
 Response via : Initial Calibration

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

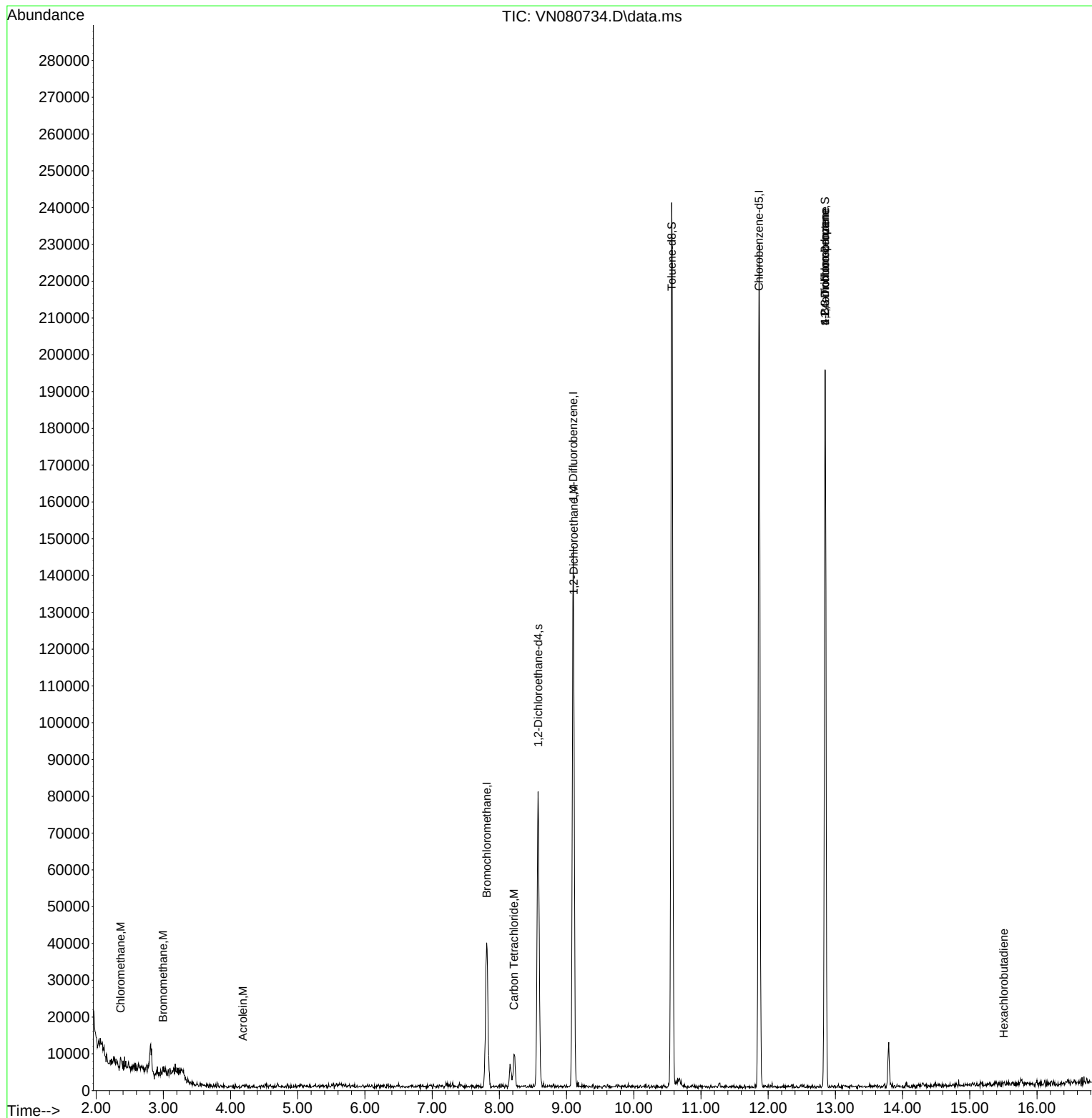
Internal Standards						
1) Bromochloromethane	7.812	128	11966	30.000	ug/l	# 0.00
28) 1,4-Difluorobenzene	9.100	114	115670	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	118422	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.576	65	59553	30.819	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 102.733%	
60) 4-Bromofluorobenzene	12.847	95	68774	26.253	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 87.500%	
63) Toluene-d8	10.565	98	158889	30.572	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.900%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	2531	0.914	ug/l	# 84
5) Bromomethane	2.994	94	348	0.450	ug/l	# 4
13) Acrolein	4.183	56	234	0.764	ug/l	# 80
33) Carbon Tetrachloride	8.218	117	775	0.254	ug/l	# 11
36) 1,2-Dichloroethane	9.106	62	4990	1.301	ug/l	# 72
72) 1,2,3-Trichloropropane	12.847	75	38072	14.023	ug/l	1
77) t-1,4-Dichloro-2-butene	12.847	75	38072	34.206	ug/l	# 12
90) Hexachlorobutadiene	15.505	225	165	0.226	ug/l	# 45

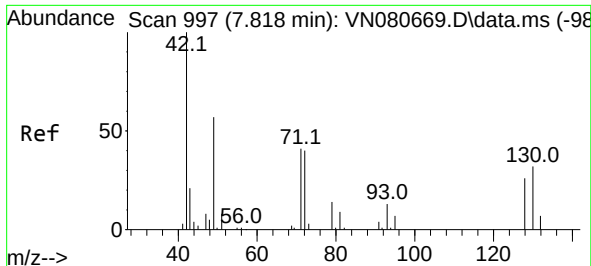
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012224\
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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

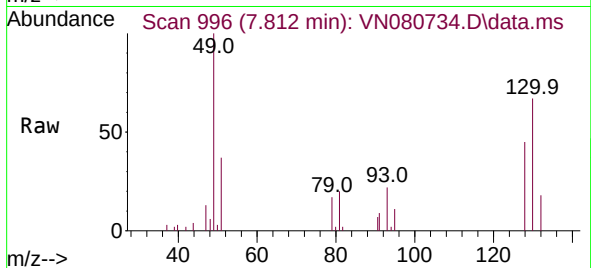
Quant Time: Jan 23 01:31:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N011124W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jan 12 05:20:11 2024
Response via : Initial Calibration



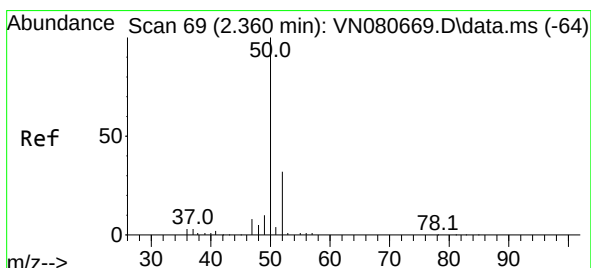
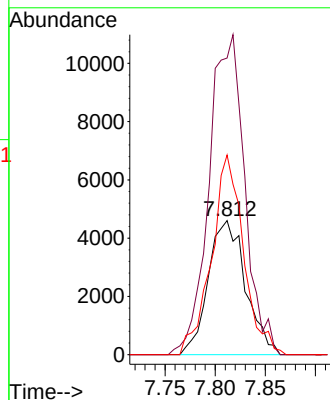
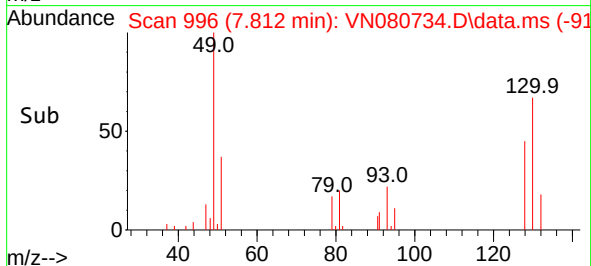


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN080734.D
Acq: 22 Jan 2024 12:42

Instrument :
MSVOA_N
ClientSampleId :

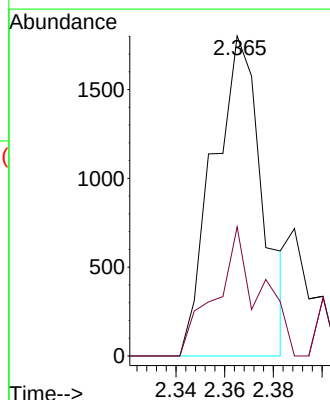
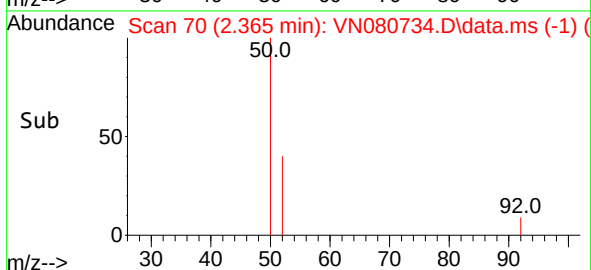
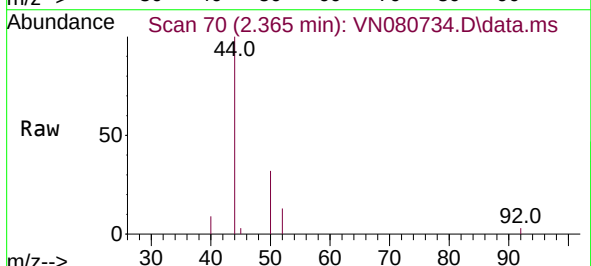


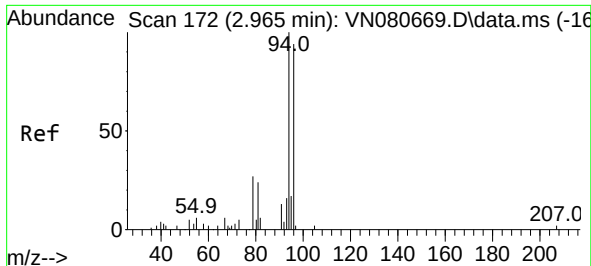
Tgt Ion:128 Resp: 11966
Ion Ratio Lower Upper
128 100
49 0.0 0.0 403.7
130 123.8 0.0 323.3



#3
Chloromethane
Concen: 0.914 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.005 min
Lab File: VN080734.D
Acq: 22 Jan 2024 12:42

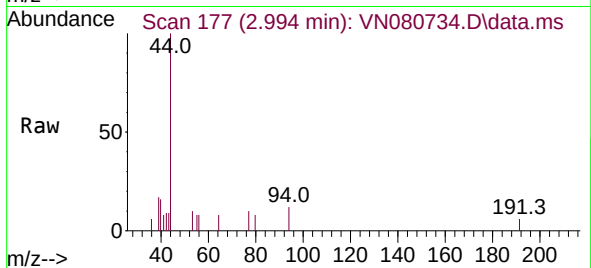
Tgt Ion: 50 Resp: 2531
Ion Ratio Lower Upper
50 100
52 40.3 25.4 38.0#



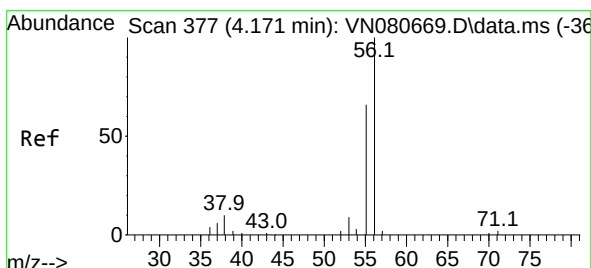
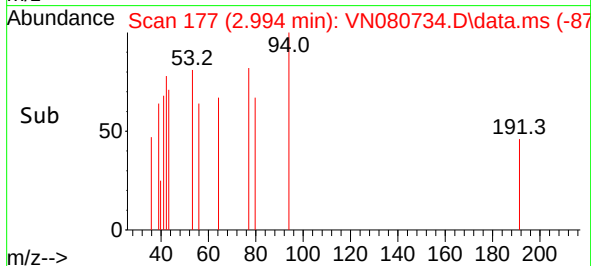
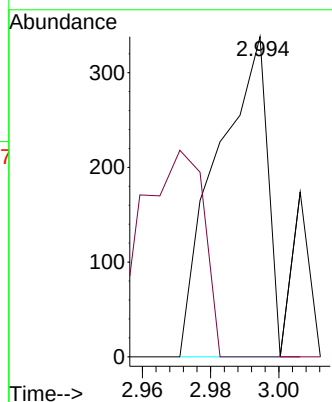


#5
Bromomethane
Concen: 0.450 ug/l
RT: 2.994 min Scan# 11
Delta R.T. 0.030 min
Lab File: VN080734.D
Acq: 22 Jan 2024 12:42

Instrument :
MSVOA_N
ClientSampleId :

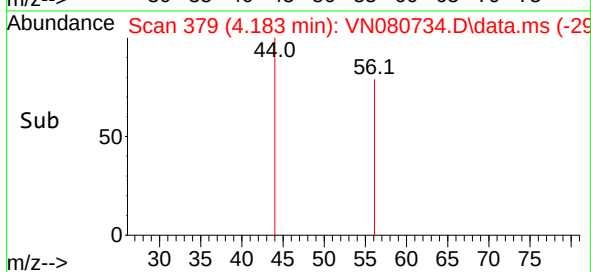
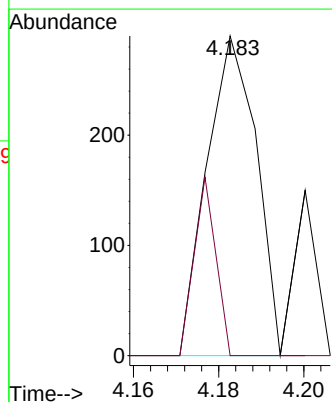
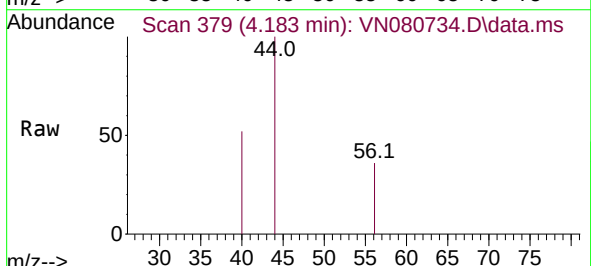


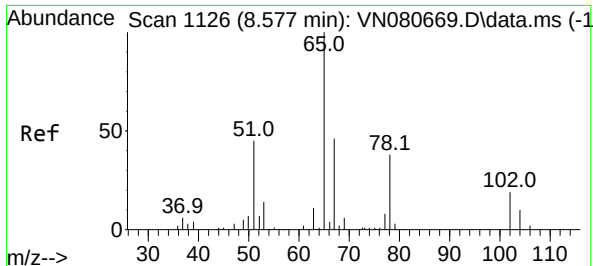
Tgt Ion: 94 Resp: 348
Ion Ratio Lower Upper
94 100
96 0.0 72.8 109.2#



#13
Acrolein
Concen: 0.764 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.012 min
Lab File: VN080734.D
Acq: 22 Jan 2024 12:42

Tgt Ion: 56 Resp: 234
Ion Ratio Lower Upper
56 100
55 53.4 55.5 83.3#

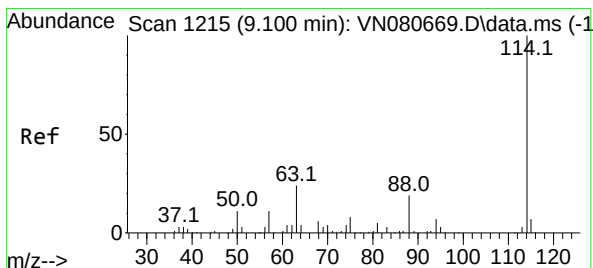
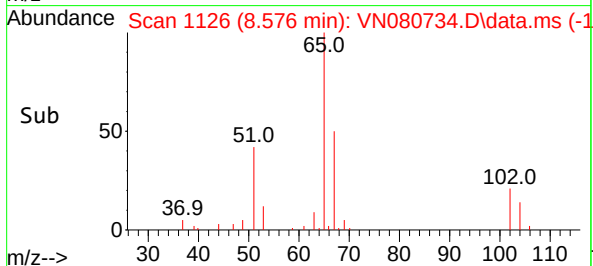
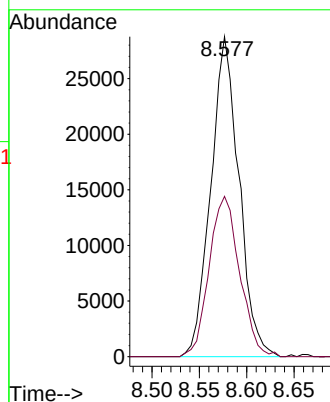
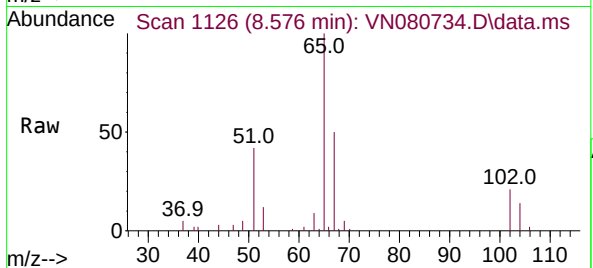




#27
 1,2-Dichloroethane-d4
 Concen: 30.819 ug/l
 RT: 8.576 min Scan# 1126
 Delta R.T. -0.001 min
 Lab File: VN080734.D
 Acq: 22 Jan 2024 12:42

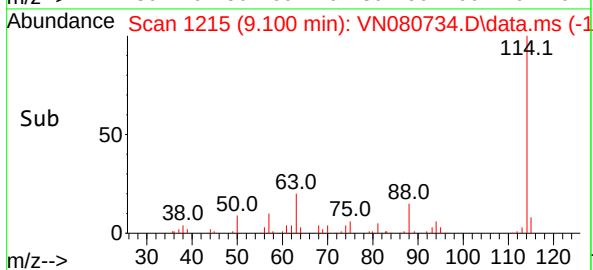
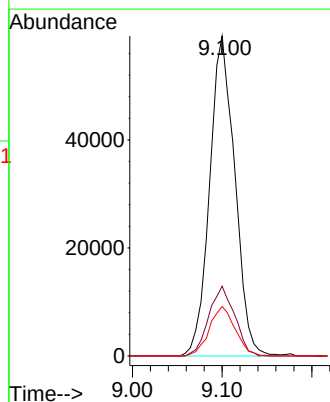
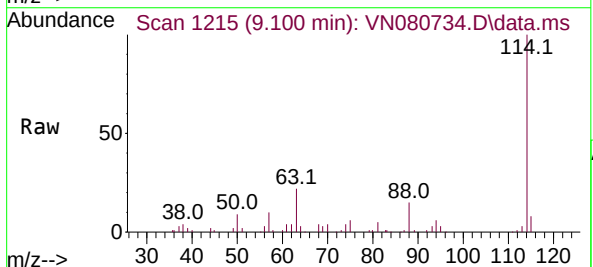
Instrument :
 MSVOA_N
 ClientSampleId :

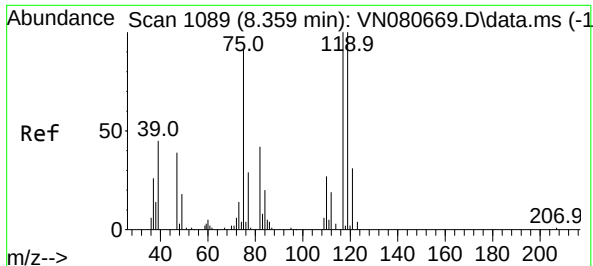
Tgt Ion: 65 Resp: 59553
 Ion Ratio Lower Upper
 65 100
 67 53.9 43.2 64.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN080734.D
 Acq: 22 Jan 2024 12:42

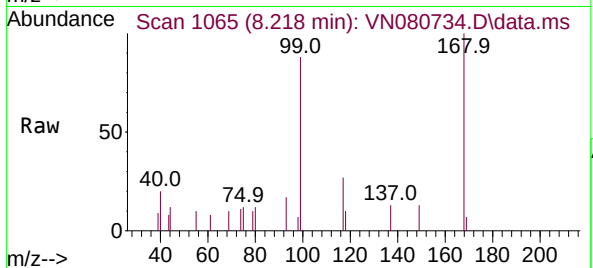
Tgt Ion: 114 Resp: 115670
 Ion Ratio Lower Upper
 114 100
 63 22.4 15.9 23.9
 88 15.8 12.7 19.1



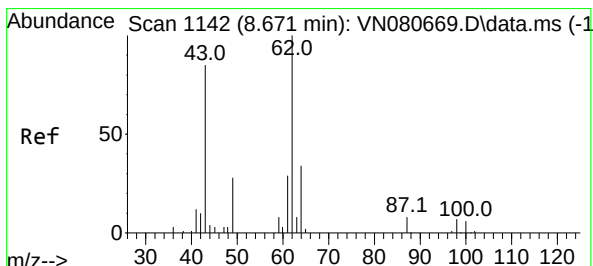
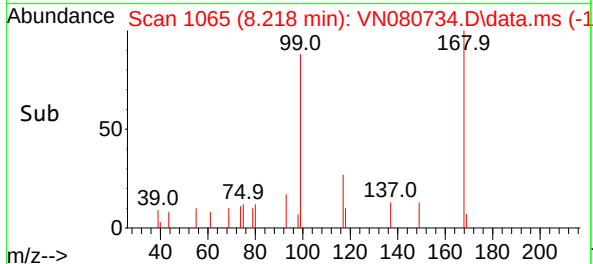
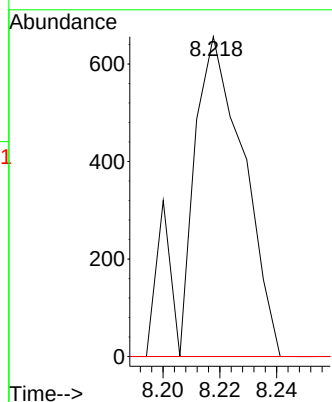


#33
Carbon Tetrachloride
Concen: 0.254 ug/l
RT: 8.218 min Scan# 1175
Delta R.T. -0.141 min
Lab File: VN080734.D
Acq: 22 Jan 2024 12:42

Instrument :
MSVOA_N
ClientSampleId :

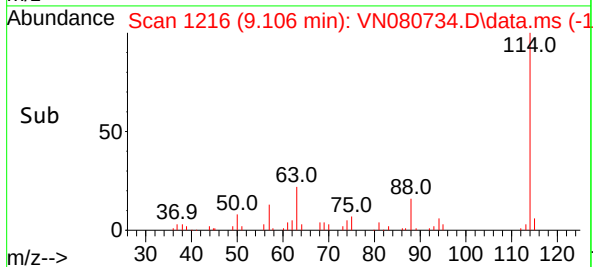
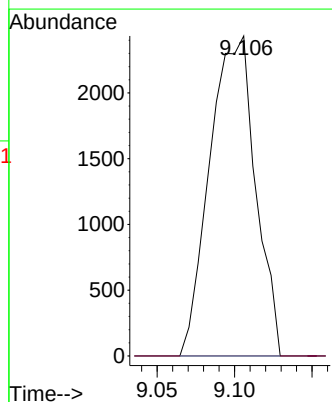
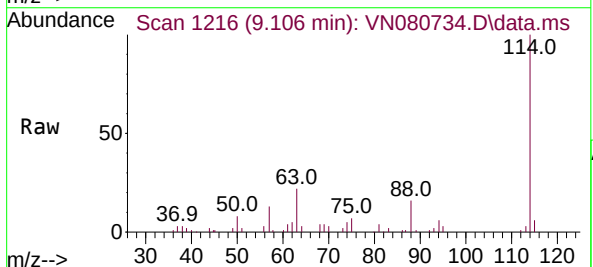


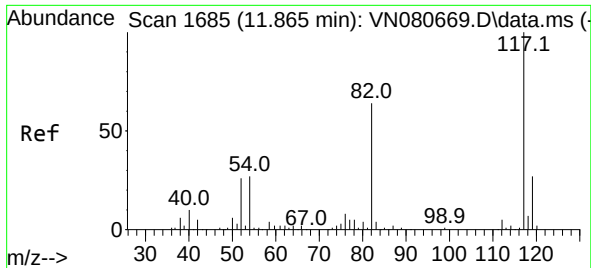
Tgt Ion:117 Resp: 775
Ion Ratio Lower Upper
117 100
119 0.0 77.7 116.5#
121 0.0 27.0 40.6#



#36
1,2-Dichloroethane
Concen: 1.301 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.435 min
Lab File: VN080734.D
Acq: 22 Jan 2024 12:42

Tgt Ion: 62 Resp: 4990
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.4#

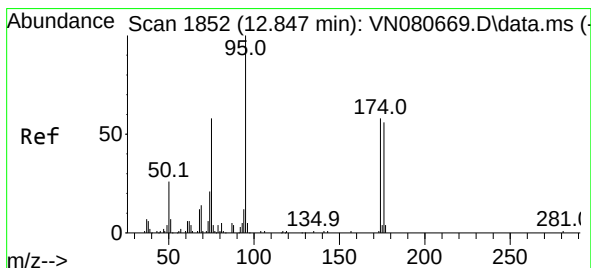
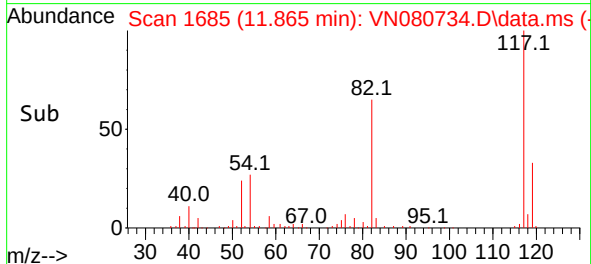
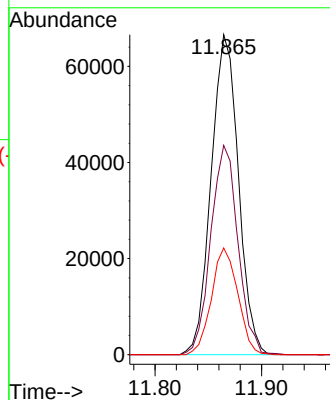
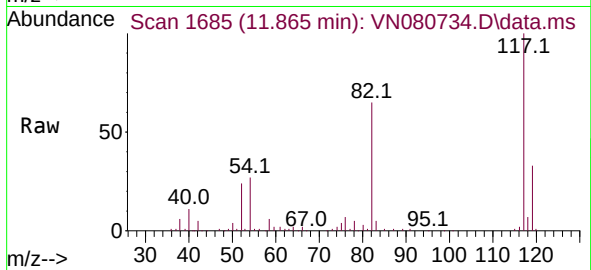




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN080734.D
Acq: 22 Jan 2024 12:42

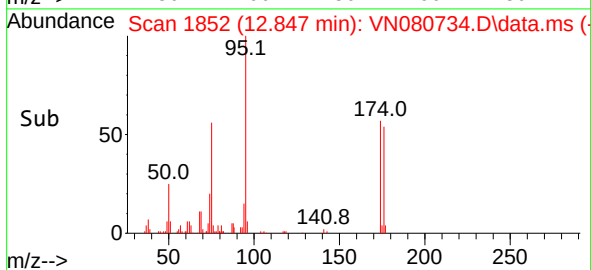
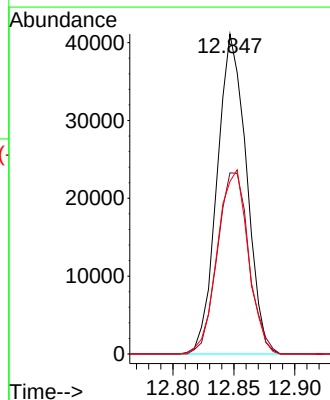
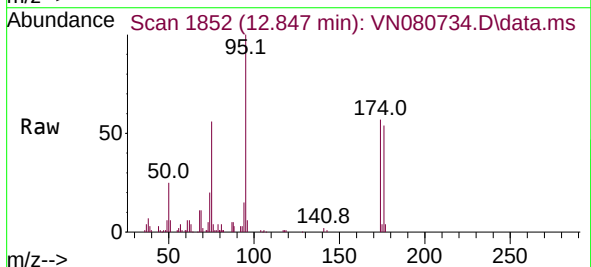
Instrument :
MSVOA_N
ClientSampleId :

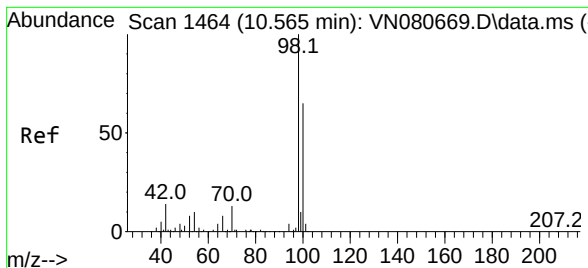
Tgt Ion:117 Resp: 118422
Ion Ratio Lower Upper
117 100
82 65.1 46.6 69.8
119 32.2 25.4 38.2



#60
4-Bromofluorobenzene
Concen: 26.253 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080734.D
Acq: 22 Jan 2024 12:42

Tgt Ion: 95 Resp: 68774
Ion Ratio Lower Upper
95 100
174 61.0 60.5 90.7
176 60.6 57.8 86.6





#63

Toluene-d8

Concen: 30.572 ug/l

RT: 10.565 min Scan# 14

Delta R.T. -0.000 min

Lab File: VN080734.D

Acq: 22 Jan 2024 12:42

Instrument :

MSVOA_N

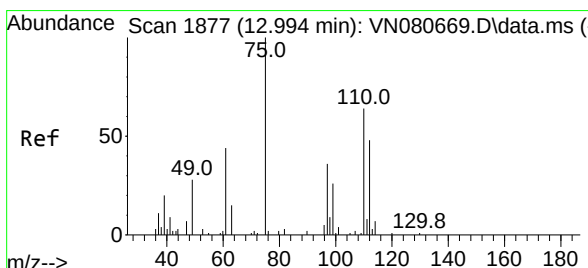
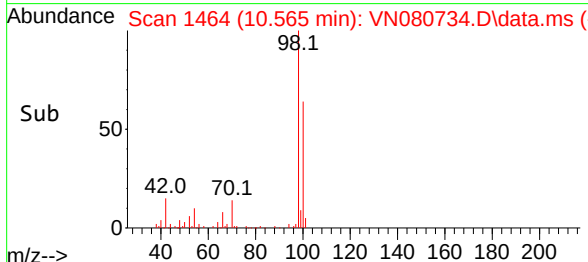
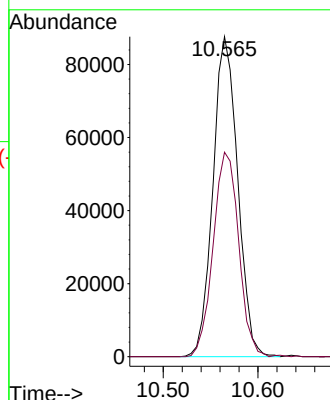
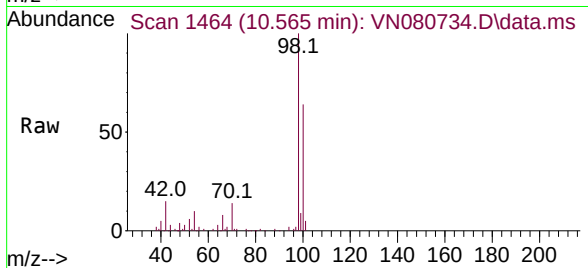
ClientSampleId :

Tgt Ion: 98 Resp: 158889

Ion Ratio Lower Upper

98 100

100 65.9 52.7 79.1



#72

1,2,3-Trichloropropane

Concen: 14.023 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN080734.D

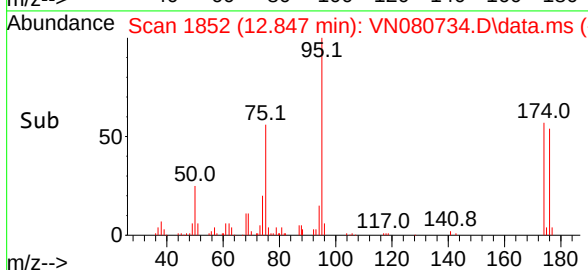
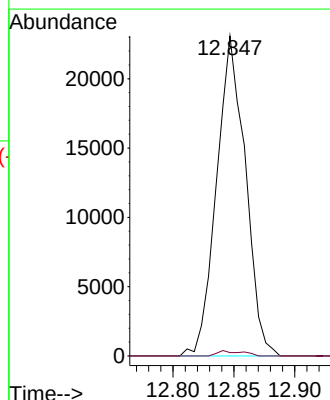
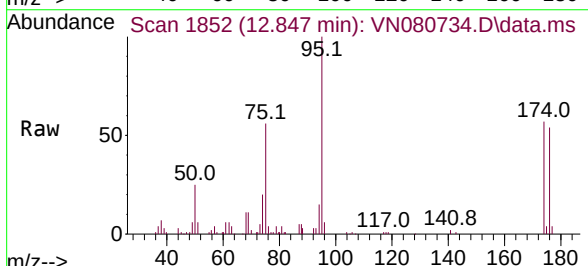
Acq: 22 Jan 2024 12:42

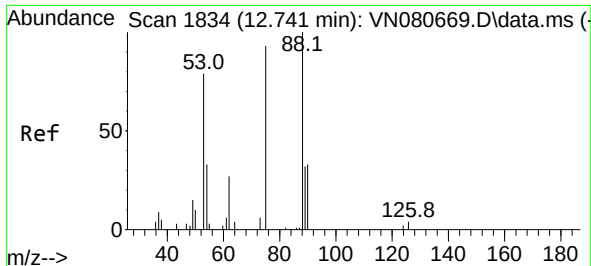
Tgt Ion: 75 Resp: 38072

Ion Ratio Lower Upper

75 100

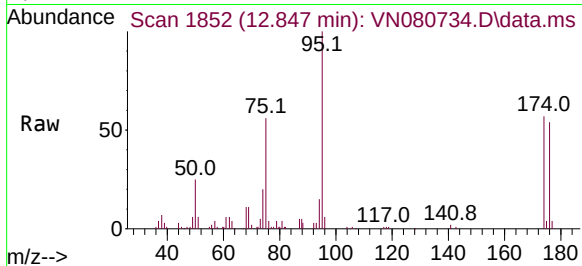
77 0.7 0.0 367.6



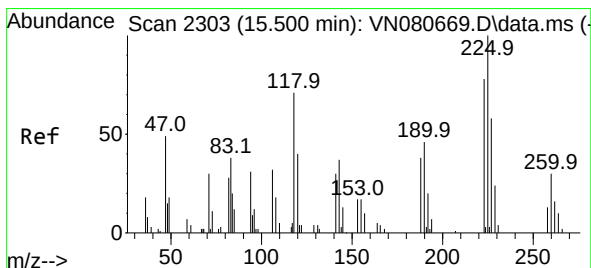
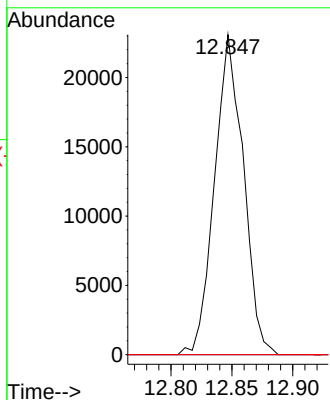
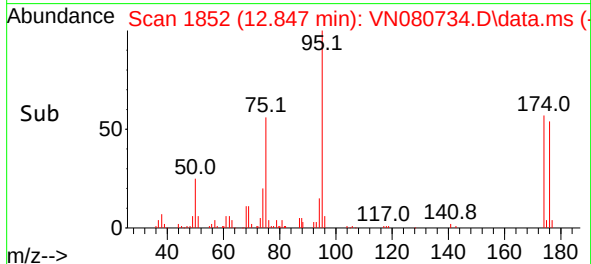


#77
t-1,4-Dichloro-2-butene
Concen: 34.206 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.106 min
Lab File: VN080734.D
Acq: 22 Jan 2024 12:42

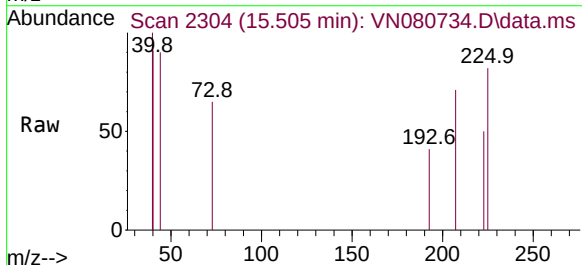
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 38072
Ion Ratio Lower Upper
75 100
53 0.0 45.9 137.7#
89 0.0 25.9 77.7#



#90
Hexachlorobutadiene
Concen: 0.226 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. 0.005 min
Lab File: VN080734.D
Acq: 22 Jan 2024 12:42



Tgt Ion: 225 Resp: 165
Ion Ratio Lower Upper
225 100
223 41.2 0.0 126.6
227 0.0 0.0 126.6

