

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092724\
 Data File : VN084198.D
 Acq On : 27 Sep 2024 11:30
 Operator : JC\MD
 Sample : VN0927WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 28 00:58:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

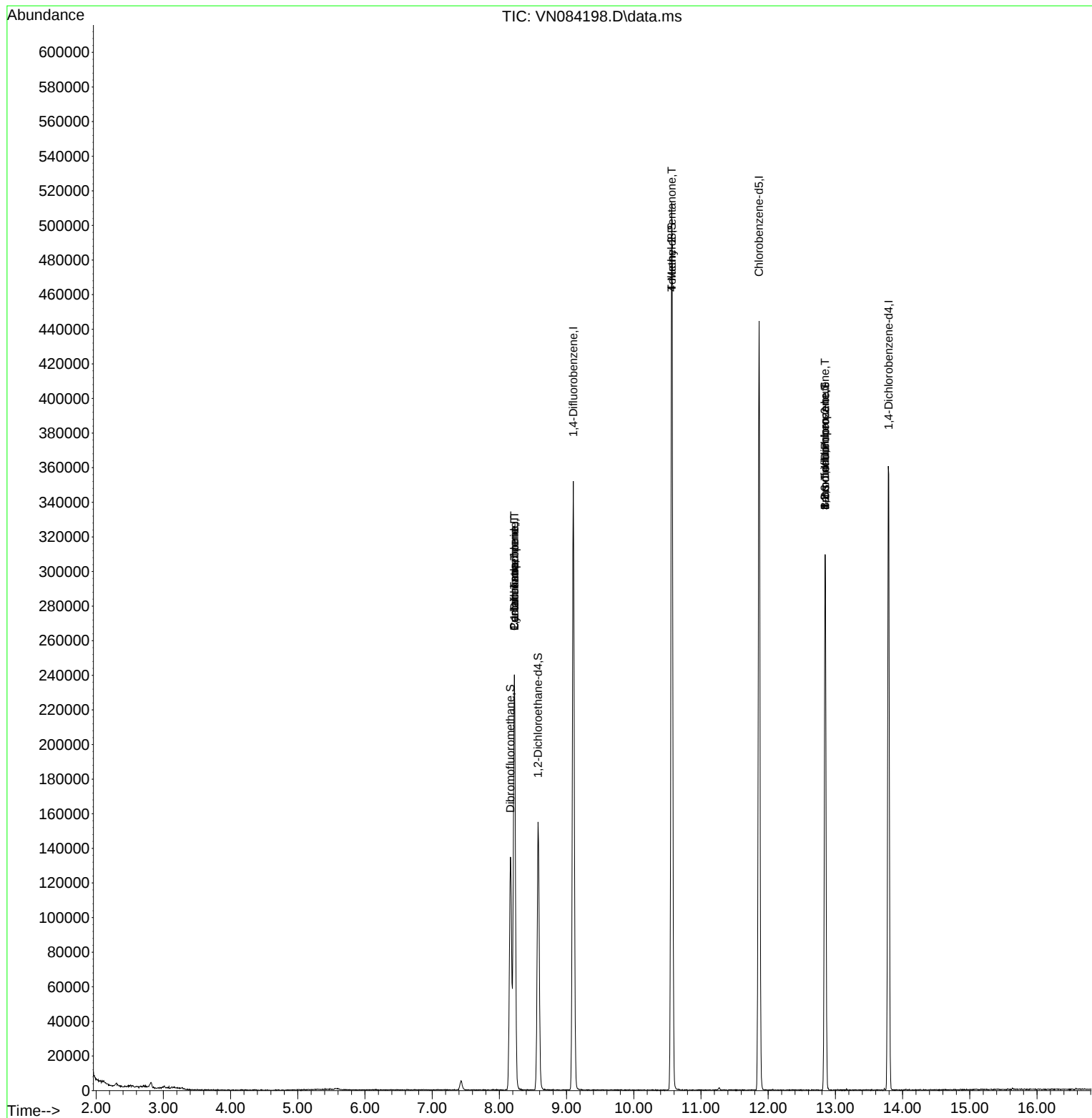
Internal Standards						
1) Pentafluorobenzene	8.224	168	166313	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	288356	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	245293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	93786	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	125990	50.240	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 100.480%		
35) Dibromofluoromethane	8.165	113	97926	53.047	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 106.100%		
50) Toluene-d8	10.565	98	349731	54.801	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 109.600%		
62) 4-Bromofluorobenzene	12.847	95	110064	41.802	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 83.600%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	95	Below Cal	#	41
31) Cyclohexane	8.224	56	3975	1.097	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	14474	5.209	ug/l #	50
38) Carbon Tetrachloride	8.224	117	18229	5.783	ug/l #	19
51) 4-Methyl-2-Pentanone	10.565	43	1496	0.601	ug/l #	1
71) Bromoform	12.847	173	463	0.364	ug/l #	29
76) 1,2,3-Trichloropropane	12.847	75	58805	31.074	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	58805	81.385	ug/l #	9

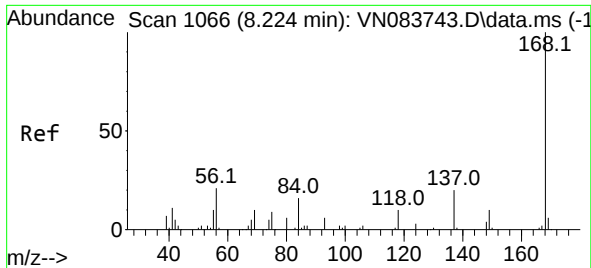
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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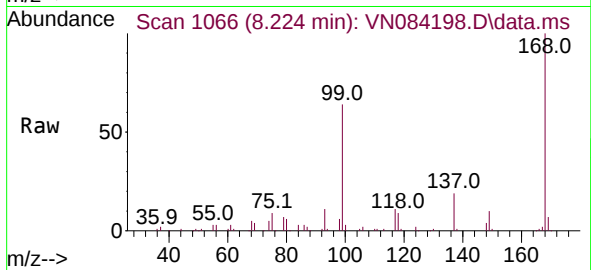
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



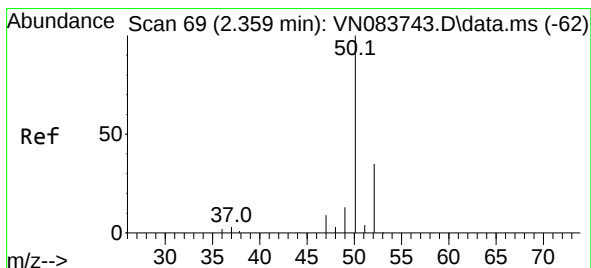
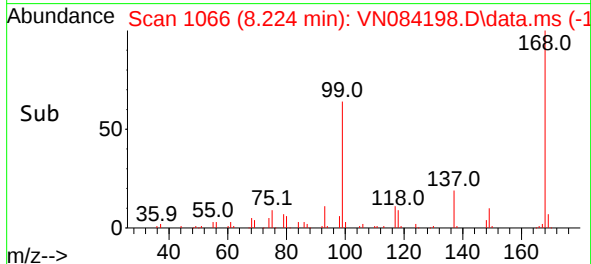
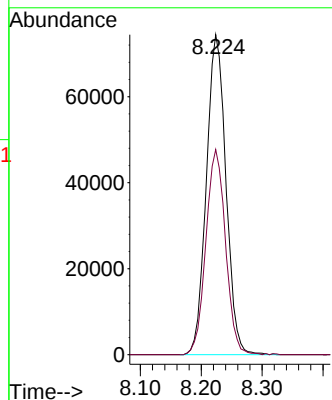


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084198.D
Acq: 27 Sep 2024 11:30

Instrument :
MSVOA_N
ClientSampleId :

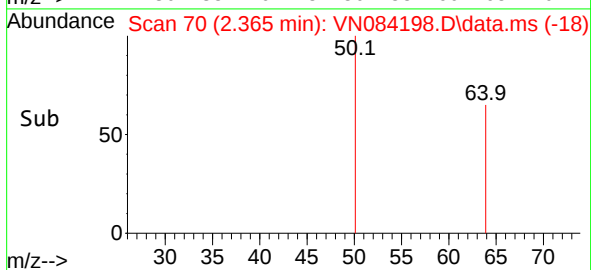
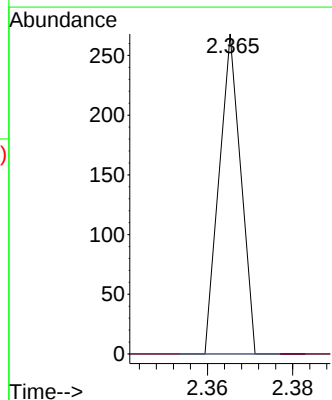
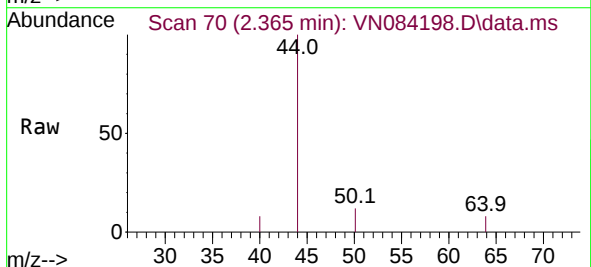


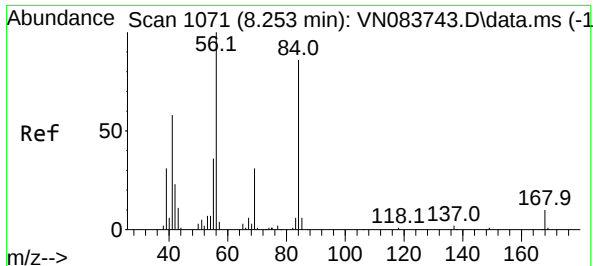
Tgt Ion:168 Resp: 166313
Ion Ratio Lower Upper
168 100
99 64.1 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084198.D
Acq: 27 Sep 2024 11:30

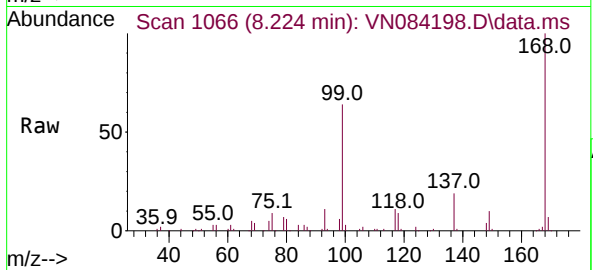
Tgt Ion: 50 Resp: 95
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#



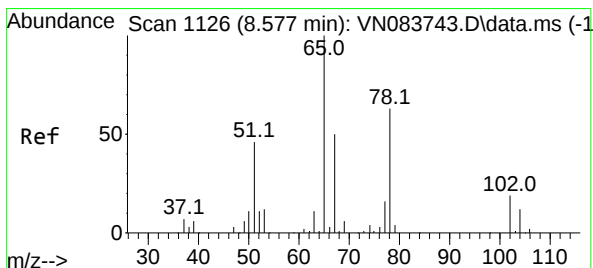
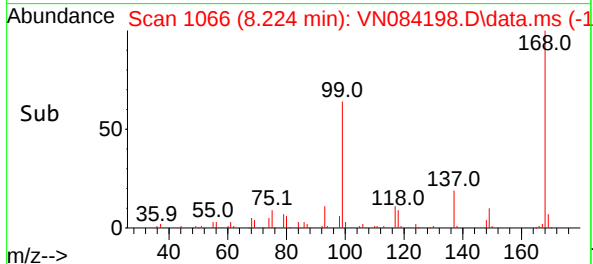
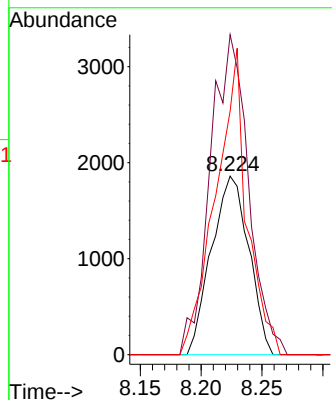


#31
Cyclohexane
Concen: 1.097 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084198.D
Acq: 27 Sep 2024 11:30

Instrument :
MSVOA_N
ClientSampleId :

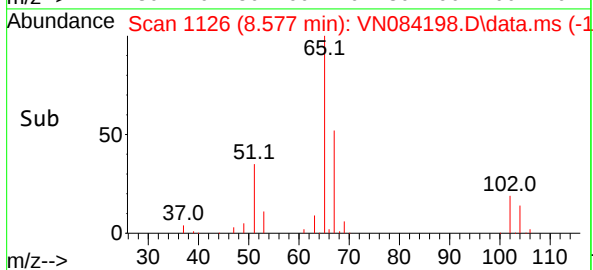
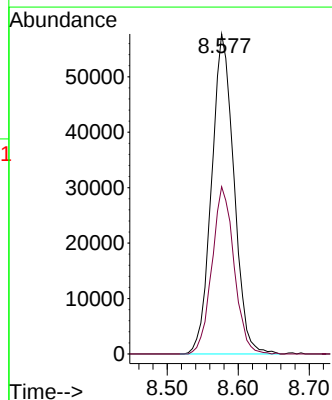
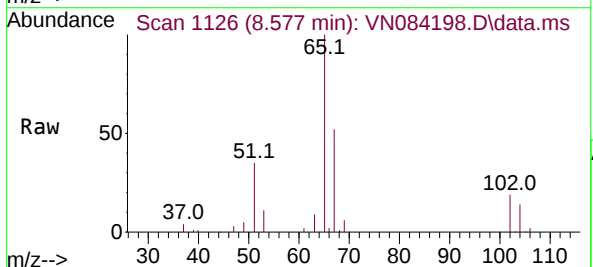


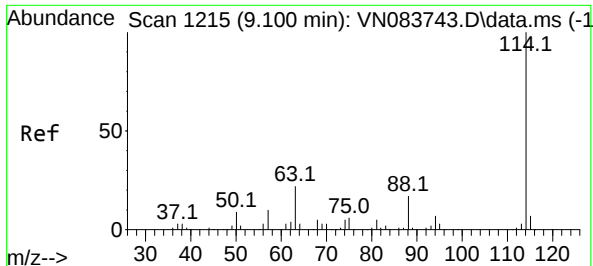
Tgt Ion: 56 Resp: 3975
Ion Ratio Lower Upper
56 100
69 179.2 26.9 40.3#
84 136.4 69.2 103.8#



#33
1,2-Dichloroethane-d4
Concen: 50.240 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084198.D
Acq: 27 Sep 2024 11:30

Tgt Ion: 65 Resp: 125990
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.8

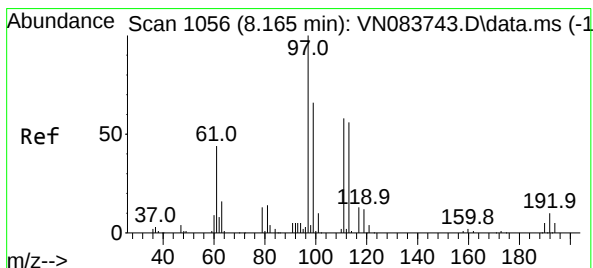
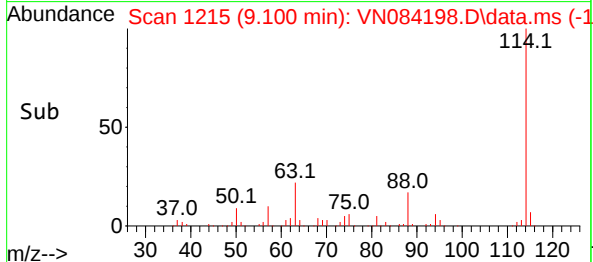
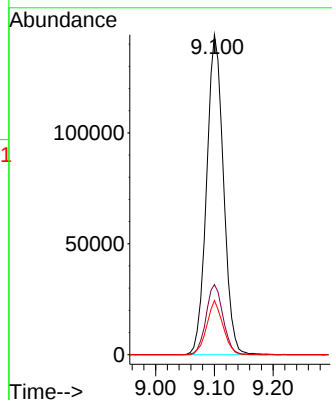
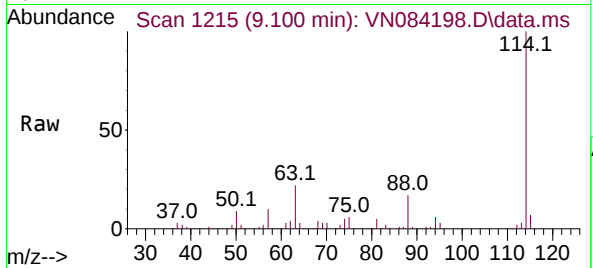




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084198.D
Acq: 27 Sep 2024 11:30

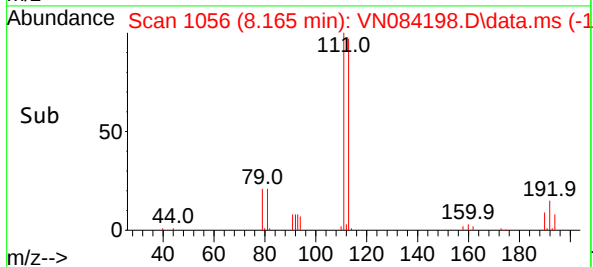
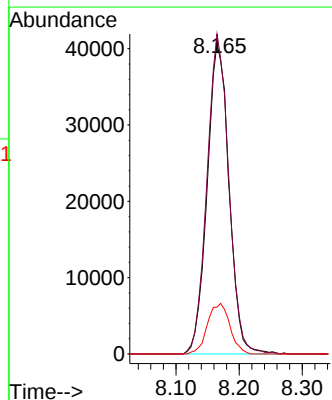
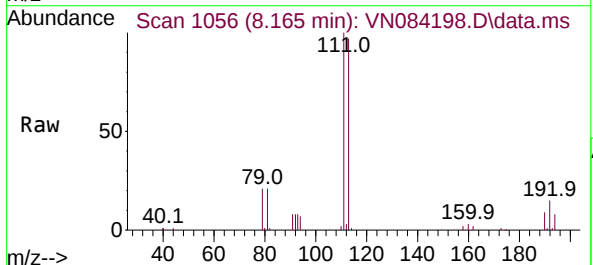
Instrument :
MSVOA_N
ClientSampleId :

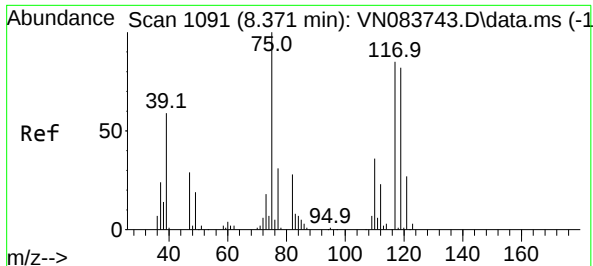
Tgt Ion:114 Resp: 288356
Ion Ratio Lower Upper
114 100
63 21.9 0.0 43.4
88 17.0 0.0 32.6



#35
Dibromofluoromethane
Concen: 53.047 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084198.D
Acq: 27 Sep 2024 11:30

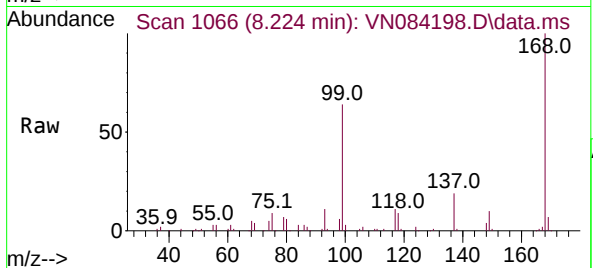
Tgt Ion:113 Resp: 97926
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 16.7 14.3 21.5



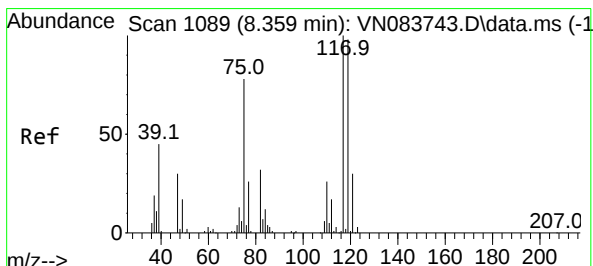
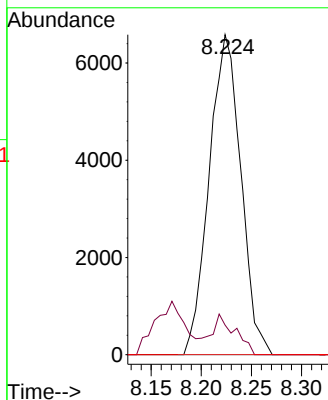
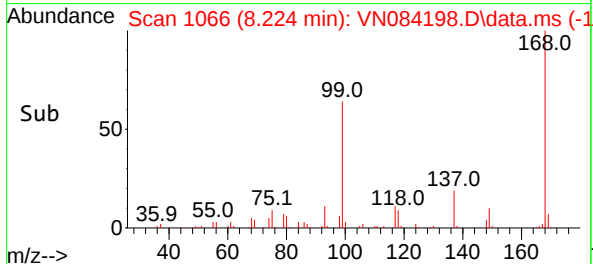


#36
1,1-Dichloropropene
Concen: 5.209 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN084198.D
Acq: 27 Sep 2024 11:30

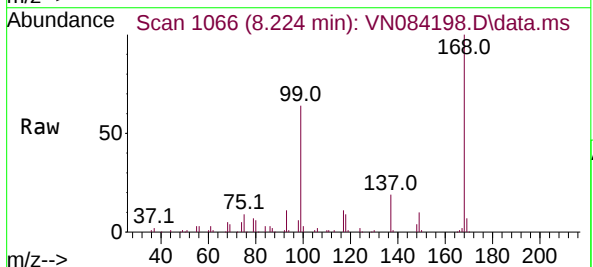
Instrument :
MSVOA_N
ClientSampleId :



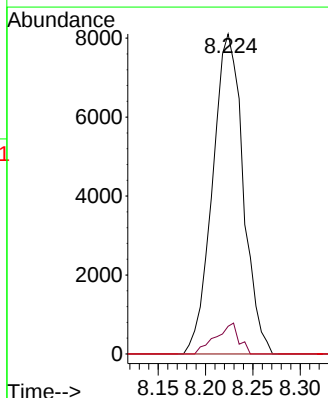
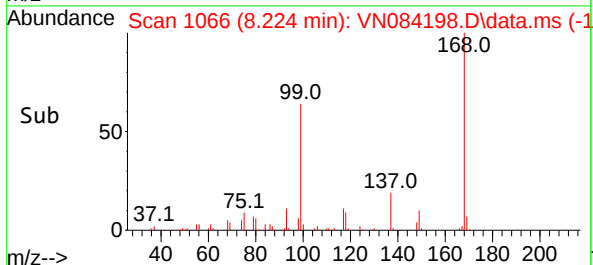
Tgt Ion: 75 Resp: 14474
Ion Ratio Lower Upper
75 100
110 9.2 16.7 50.1#
77 0.0 25.2 37.8#

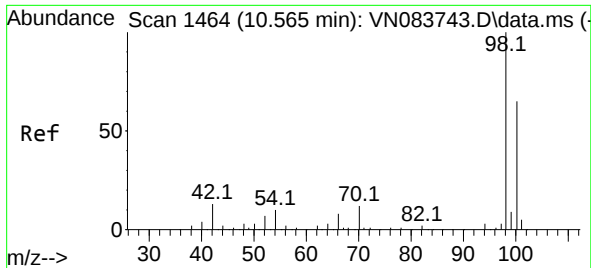


#38
Carbon Tetrachloride
Concen: 5.783 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN084198.D
Acq: 27 Sep 2024 11:30



Tgt Ion: 117 Resp: 18229
Ion Ratio Lower Upper
117 100
119 8.6 76.1 114.1#
121 0.0 24.1 36.1#

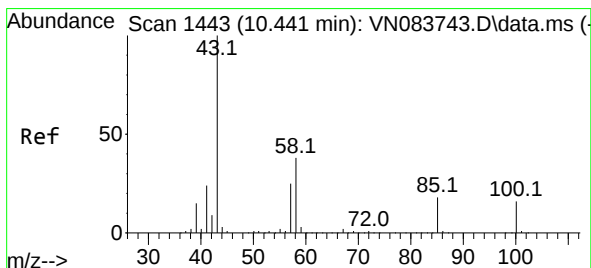
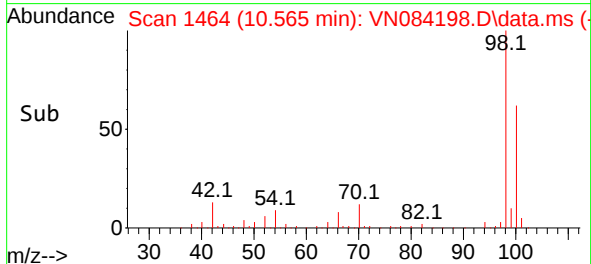
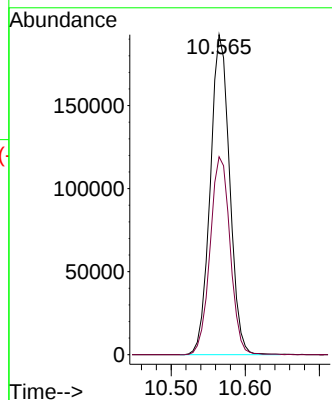
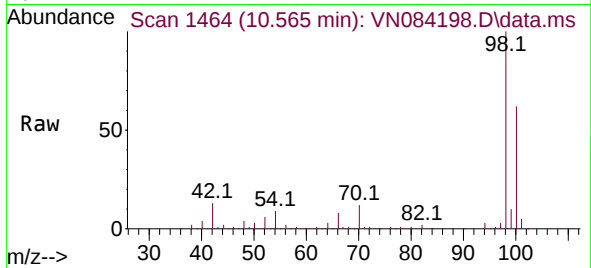




#50
Toluene-d8
Concen: 54.801 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084198.D
Acq: 27 Sep 2024 11:30

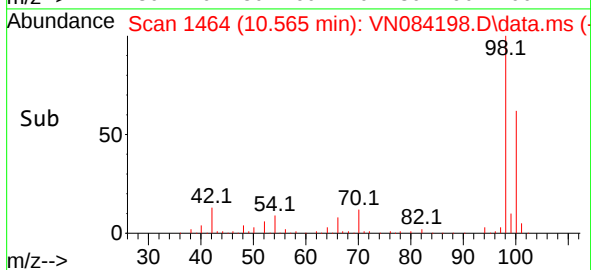
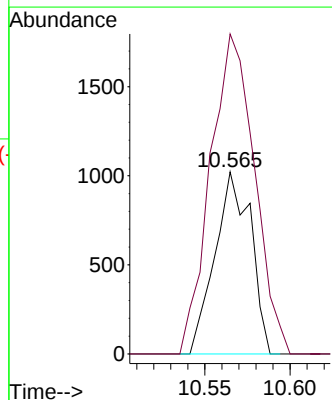
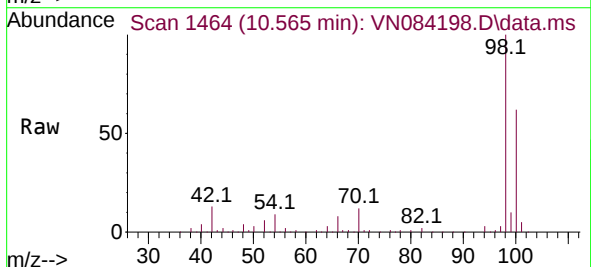
Instrument :
MSVOA_N
ClientSampleId :

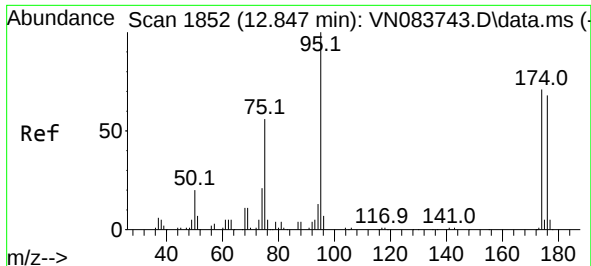
Tgt Ion: 98 Resp: 349731
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.601 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.124 min
Lab File: VN084198.D
Acq: 27 Sep 2024 11:30

Tgt Ion: 43 Resp: 1496
Ion Ratio Lower Upper
43 100
58 216.8 31.6 47.4#

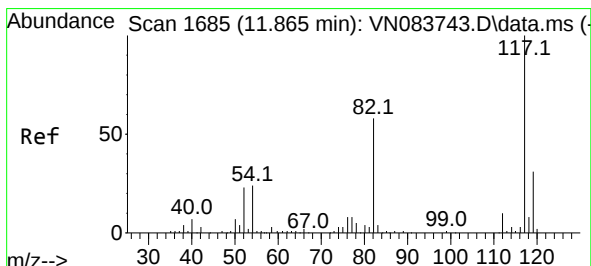
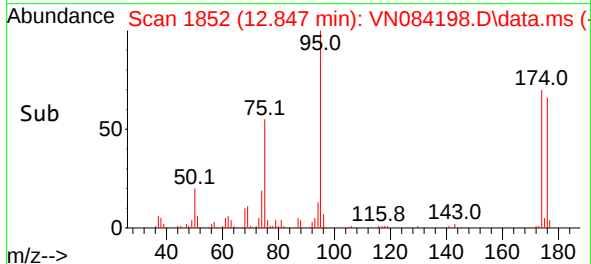
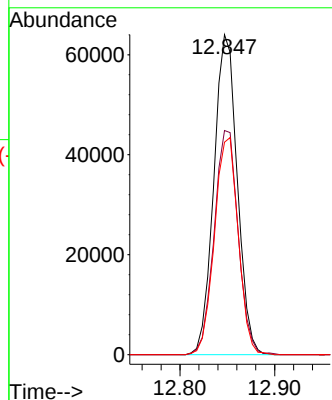
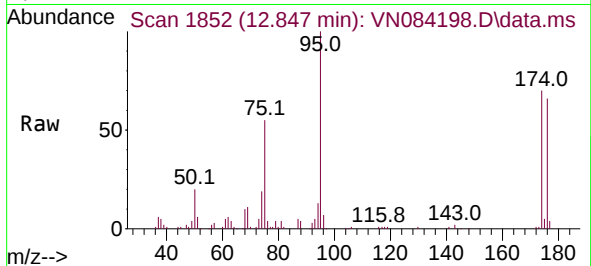




#62
4-Bromofluorobenzene
Concen: 41.802 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084198.D
Acq: 27 Sep 2024 11:30

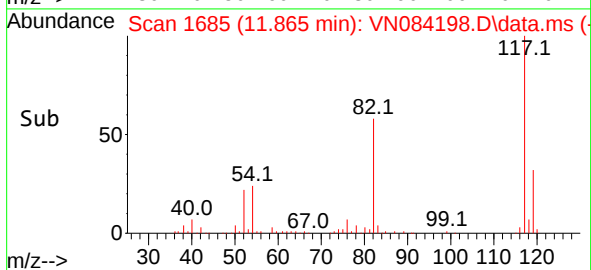
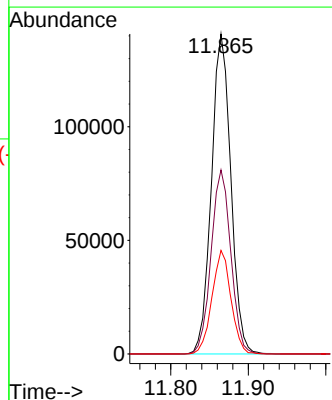
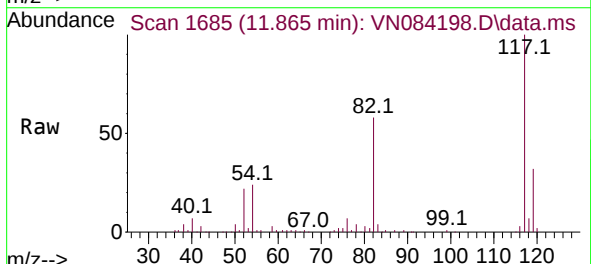
Instrument :
MSVOA_N
ClientSampleId :

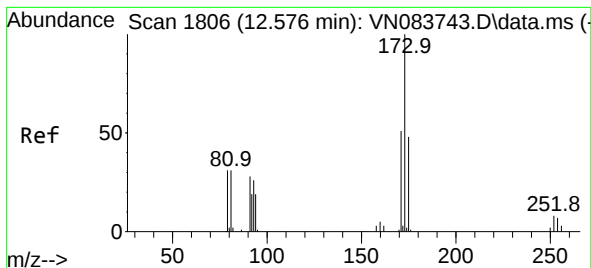
Tgt Ion: 95 Resp: 110064
Ion Ratio Lower Upper
95 100
174 71.9 0.0 139.8
176 68.8 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084198.D
Acq: 27 Sep 2024 11:30

Tgt Ion: 117 Resp: 245293
Ion Ratio Lower Upper
117 100
82 57.5 47.4 71.0
119 32.3 26.3 39.5





#71

Bromoform

Concen: 0.364 ug/l

RT: 12.847 min Scan# 1

Delta R.T. 0.271 min

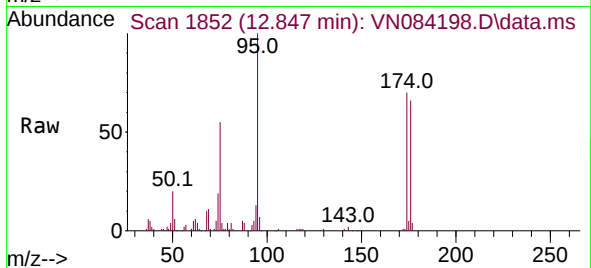
Lab File: VN084198.D

Acq: 27 Sep 2024 11:30

Instrument :

MSVOA_N

ClientSampleId :



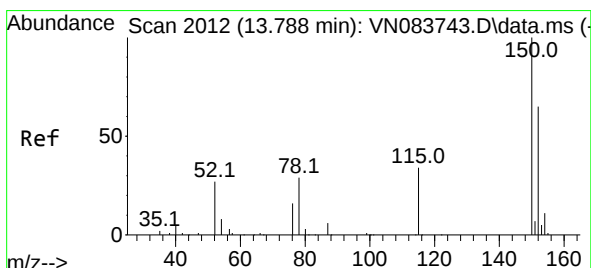
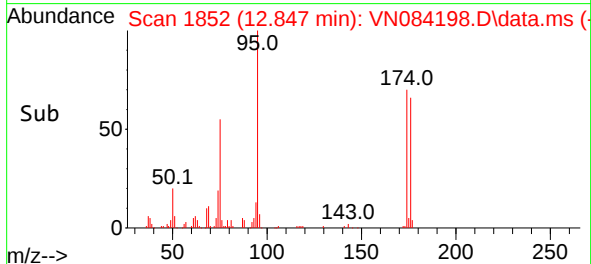
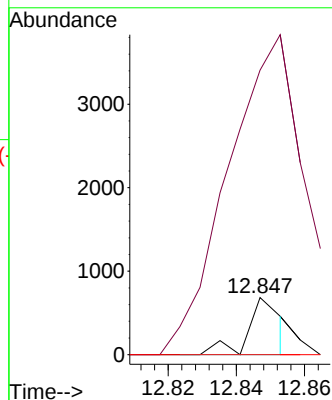
Tgt Ion:173 Resp: 463

Ion Ratio Lower Upper

173 100

175 0.0 24.1 72.2#

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: VN084198.D

Acq: 27 Sep 2024 11:30

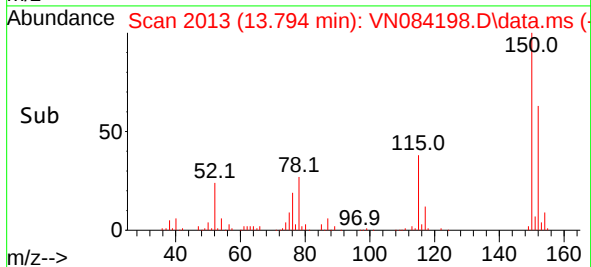
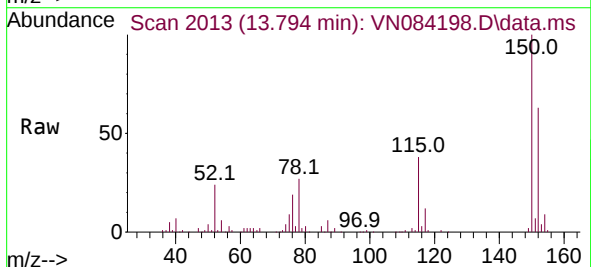
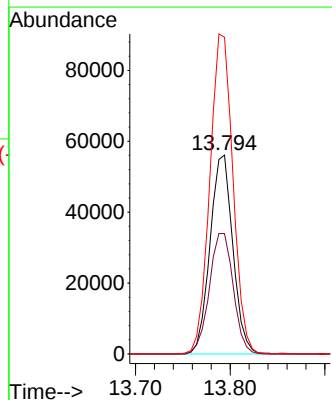
Tgt Ion:152 Resp: 93786

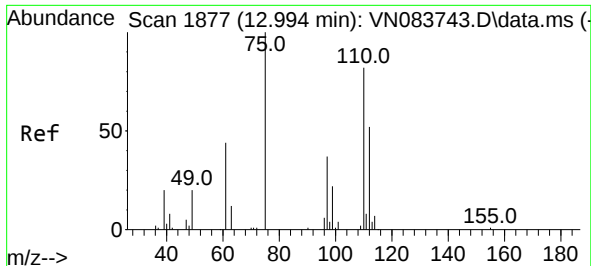
Ion Ratio Lower Upper

152 100

115 63.5 32.2 96.6

150 162.7 0.0 348.6

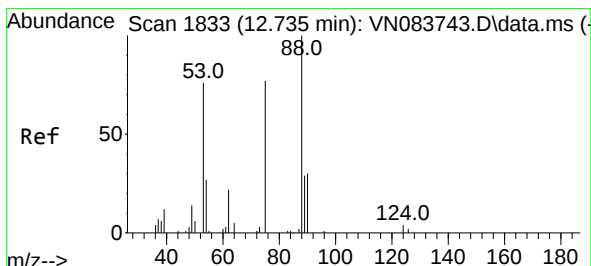
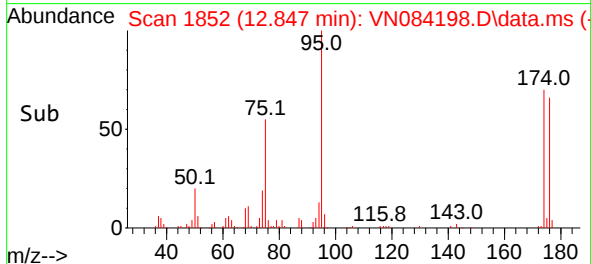
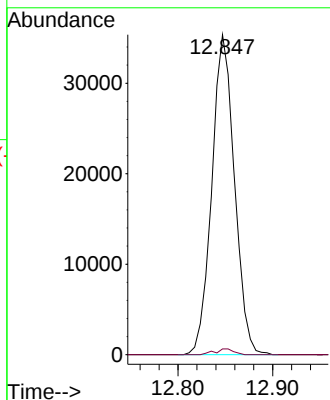
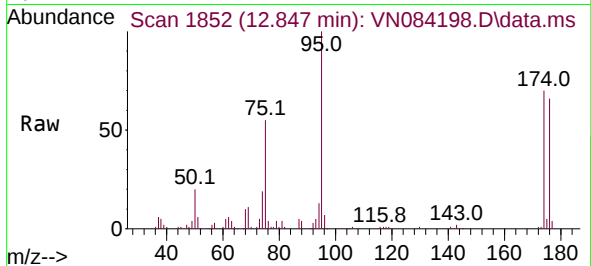




#76
1,2,3-Trichloropropane
Concen: 31.074 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN084198.D
Acq: 27 Sep 2024 11:30

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 58805
Ion Ratio Lower Upper
75 100
77 1.5 95.2 285.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.385 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084198.D
Acq: 27 Sep 2024 11:30

Tgt Ion: 75 Resp: 58805
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

