

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091424\
 Data File : VN083894.D
 Acq On : 14 Sep 2024 16:44
 Operator : JC\MD
 Sample : P3886-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 16 01:37:35 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)

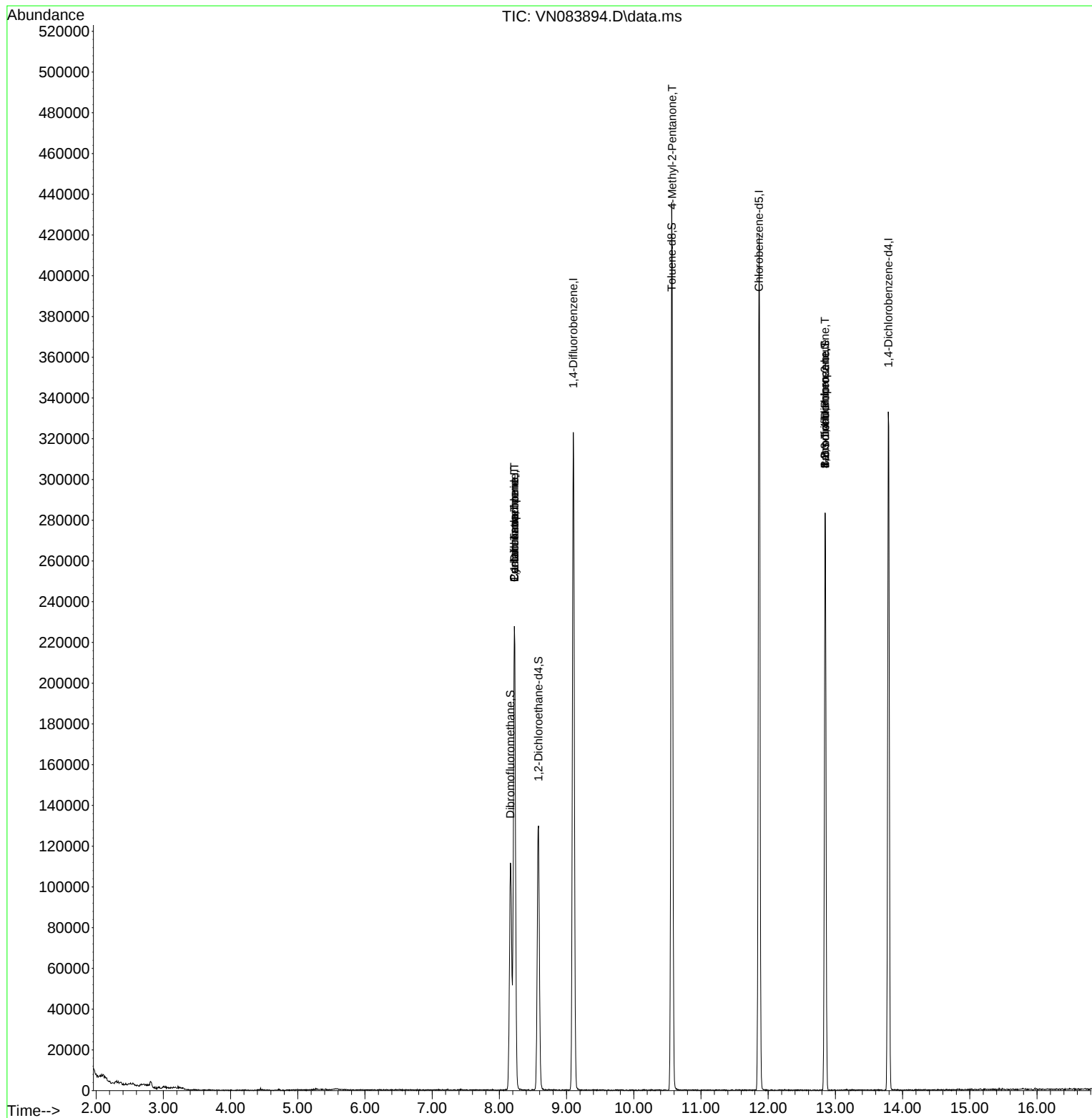
Internal Standards						
1) Pentafluorobenzene	8.224	168	152680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	264242	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	223317	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	86271	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	112388	48.818	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.640%		
35) Dibromofluoromethane	8.165	113	79138	46.782	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.560%		
50) Toluene-d8	10.565	98	287819	49.216	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.440%		
62) 4-Bromofluorobenzene	12.847	95	93449	38.731	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	77.460%		
Target Compounds						
3) Chloromethane	2.359	50	634	Below Cal	Qvalue 92	
31) Cyclohexane	8.224	56	4214	1.266 ug/l #	34	
36) 1,1-Dichloropropene	8.224	75	14246	5.595 ug/l #	51	
38) Carbon Tetrachloride	8.224	117	18384	6.364 ug/l #	17	
51) 4-Methyl-2-Pentanone	10.571	43	1341	0.588 ug/l #	1	
71) Bromoform	12.847	173	329	0.284 ug/l #	29	
76) 1,2,3-Trichloropropane	12.847	75	52216	29.996 ug/l #	1	
81) trans-1,4-Dichloro-2-b...	12.847	75	52216	78.561 ug/l #	9	

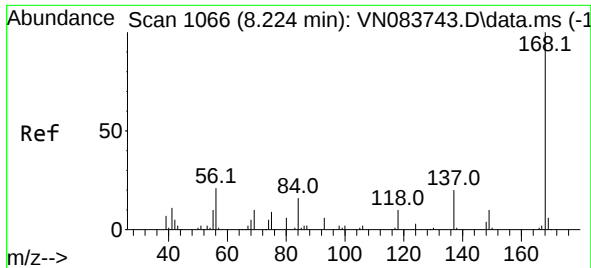
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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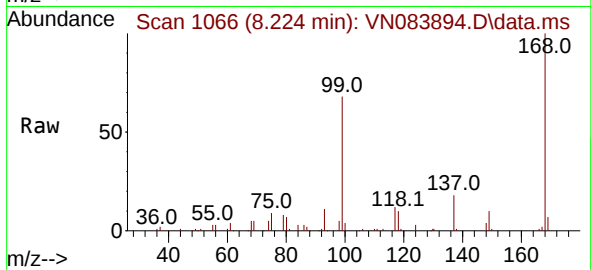
Quant Time: Sep 16 01:37:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



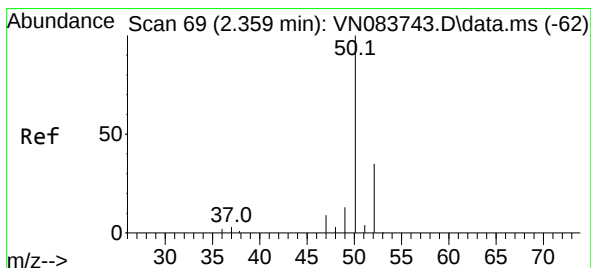
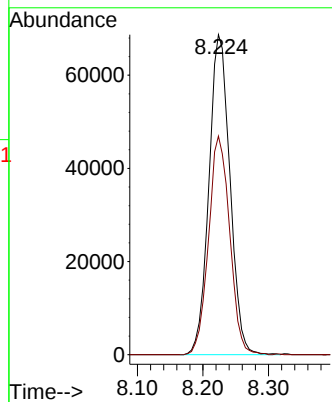
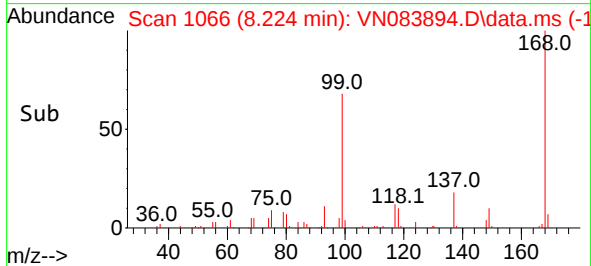


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083894.D
Acq: 14 Sep 2024 16:44

Instrument :
MSVOA_N
ClientSampleId :

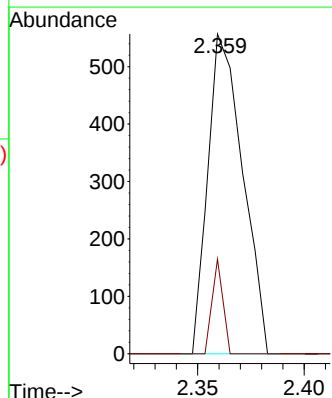
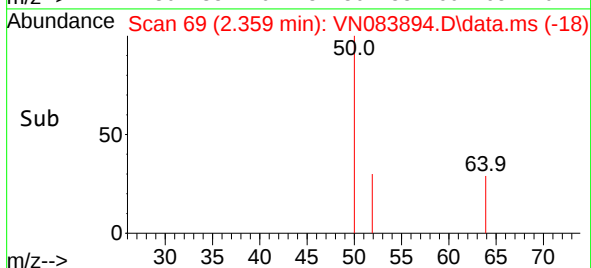
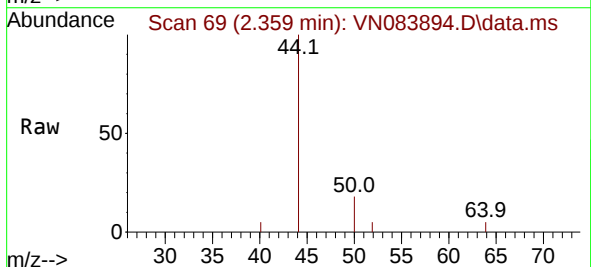


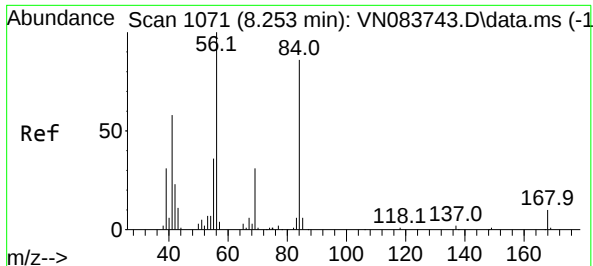
Tgt Ion:168 Resp: 152680
Ion Ratio Lower Upper
168 100
99 68.3 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083894.D
Acq: 14 Sep 2024 16:44

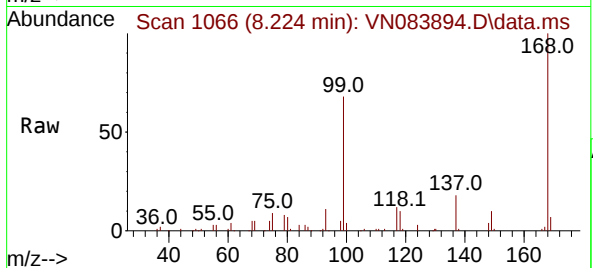
Tgt Ion: 50 Resp: 634
Ion Ratio Lower Upper
50 100
52 29.6 27.2 40.8



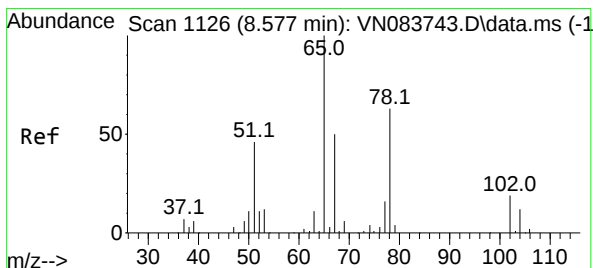
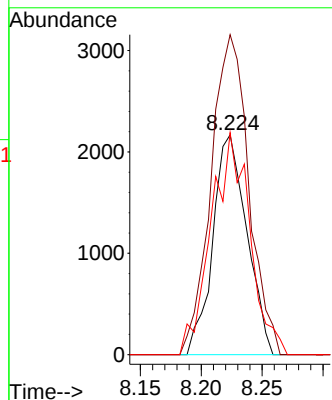
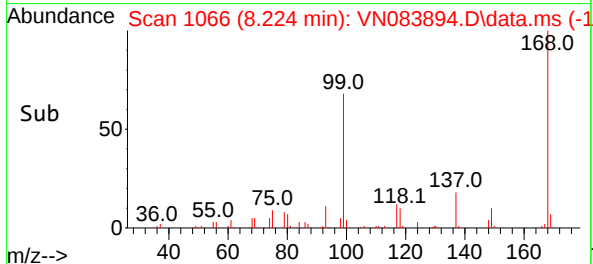


#31
Cyclohexane
Concen: 1.266 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN083894.D
Acq: 14 Sep 2024 16:44

Instrument :
MSVOA_N
ClientSampleId :

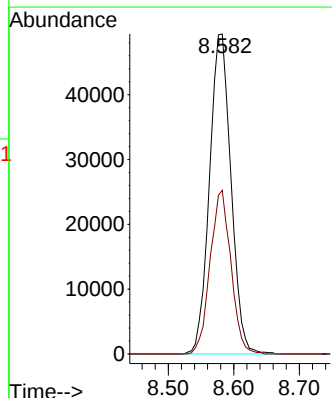
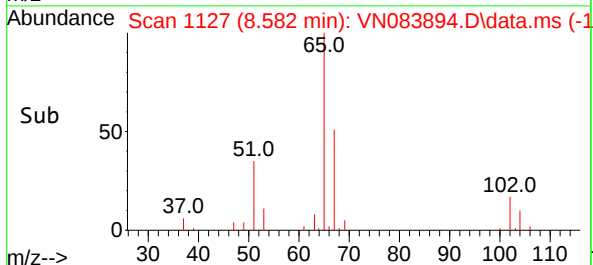
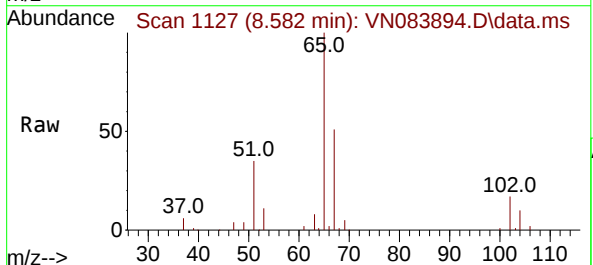


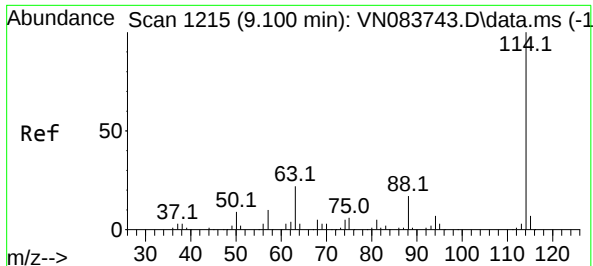
Tgt Ion: 56 Resp: 4214
Ion Ratio Lower Upper
56 100
69 145.6 26.9 40.3#
84 101.0 69.2 103.8



#33
1,2-Dichloroethane-d4
Concen: 48.818 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN083894.D
Acq: 14 Sep 2024 16:44

Tgt Ion: 65 Resp: 112388
Ion Ratio Lower Upper
65 100
67 49.5 0.0 100.8

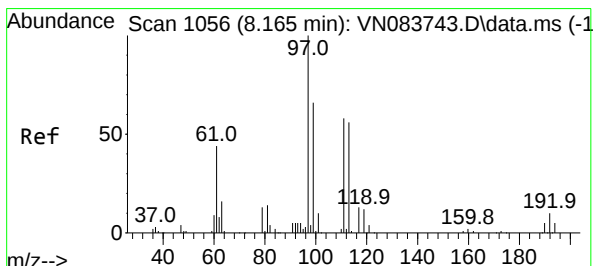
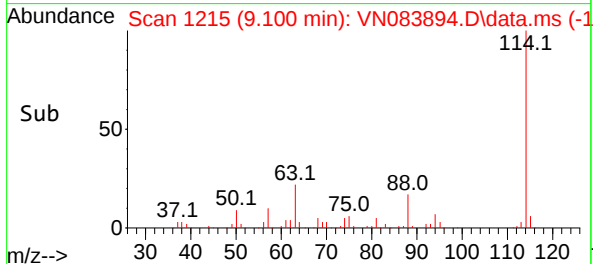
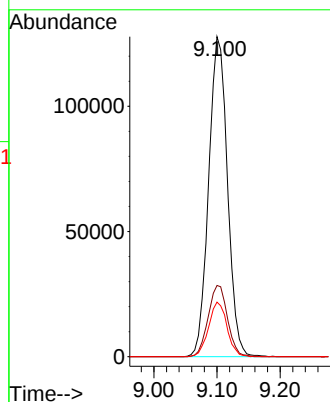
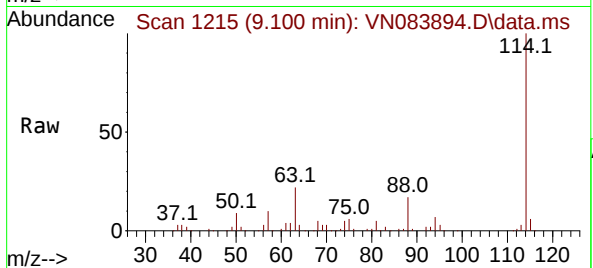




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083894.D
Acq: 14 Sep 2024 16:44

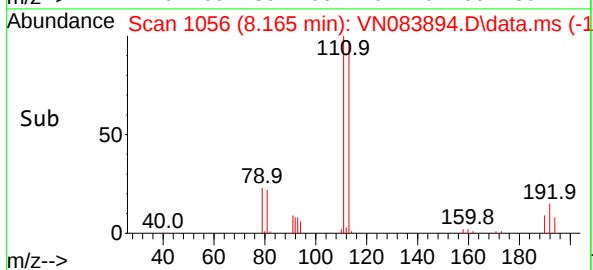
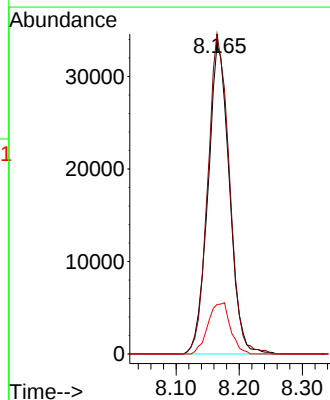
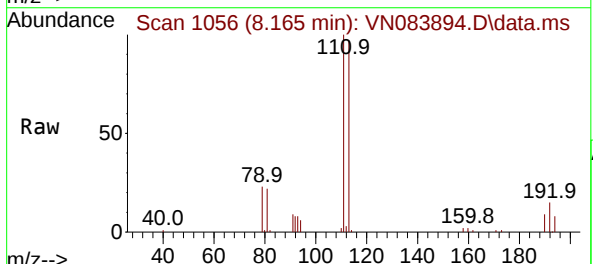
Instrument :
MSVOA_N
ClientSampleId :

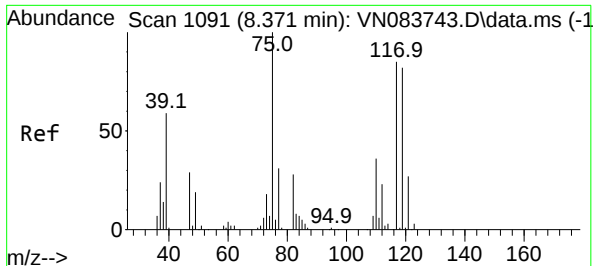
Tgt Ion:114 Resp: 264242
Ion Ratio Lower Upper
114 100
63 22.2 0.0 43.4
88 17.0 0.0 32.6



#35
Dibromofluoromethane
Concen: 46.782 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083894.D
Acq: 14 Sep 2024 16:44

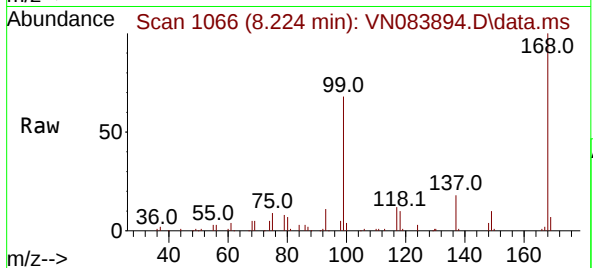
Tgt Ion:113 Resp: 79138
Ion Ratio Lower Upper
113 100
111 103.8 82.6 124.0
192 17.2 14.3 21.5



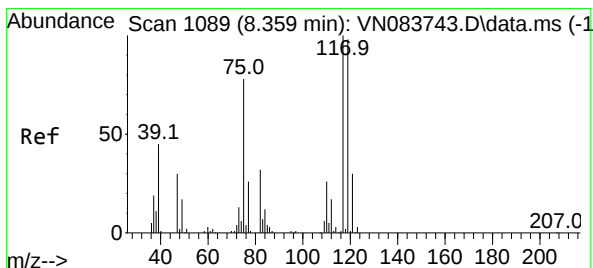
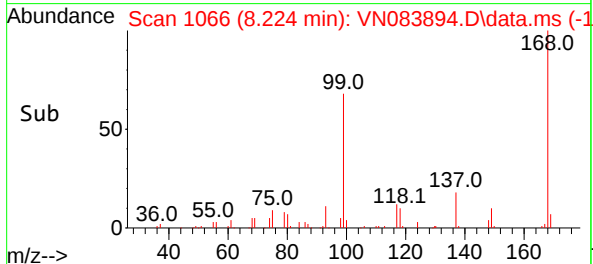
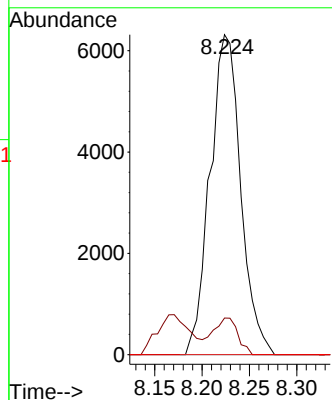


#36
1,1-Dichloropropene
Concen: 5.595 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN083894.D
Acq: 14 Sep 2024 16:44

Instrument :
MSVOA_N
ClientSampleId :

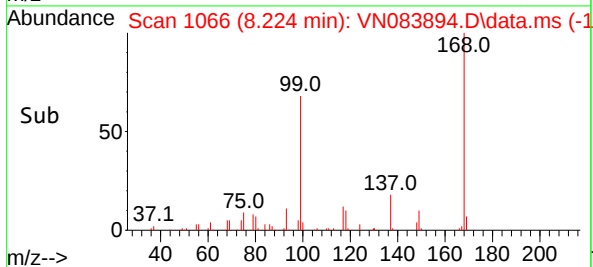
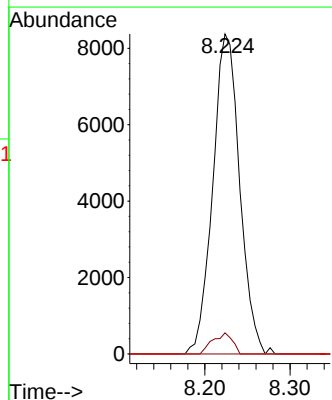
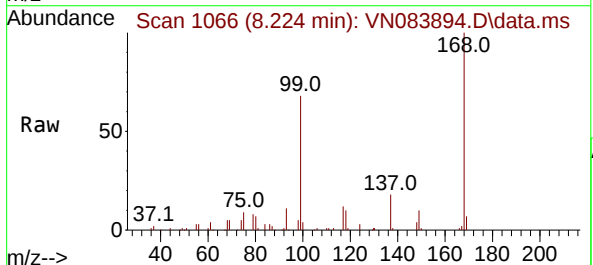


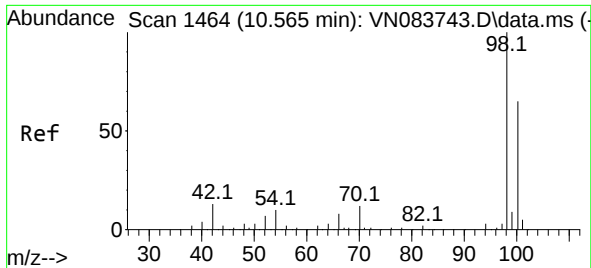
Tgt Ion: 75 Resp: 14246
Ion Ratio Lower Upper
75 100
110 9.3 16.7 50.1#
77 0.0 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 6.364 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN083894.D
Acq: 14 Sep 2024 16:44

Tgt Ion: 117 Resp: 18384
Ion Ratio Lower Upper
117 100
119 6.6 76.1 114.1#
121 0.0 24.1 36.1#

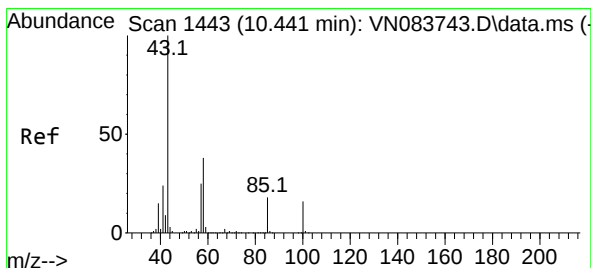
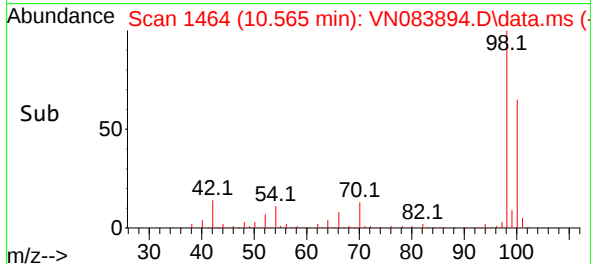
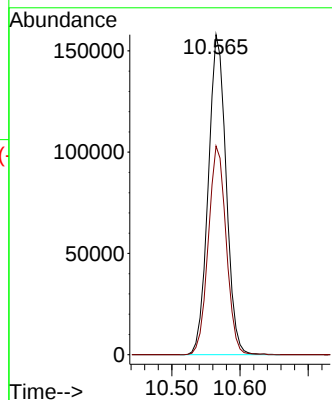
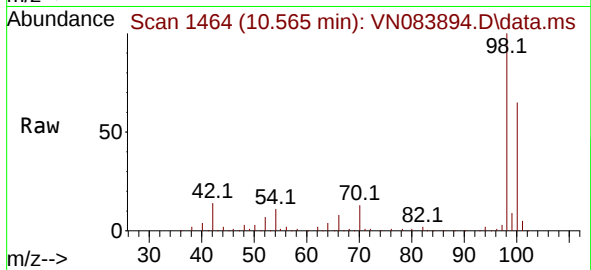




#50
Toluene-d8
Concen: 49.216 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083894.D
Acq: 14 Sep 2024 16:44

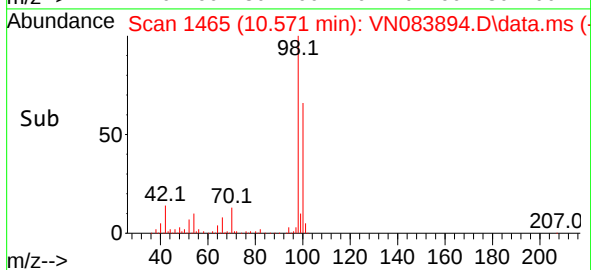
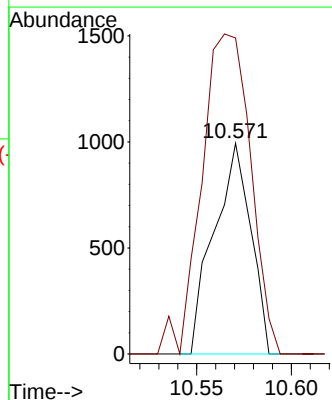
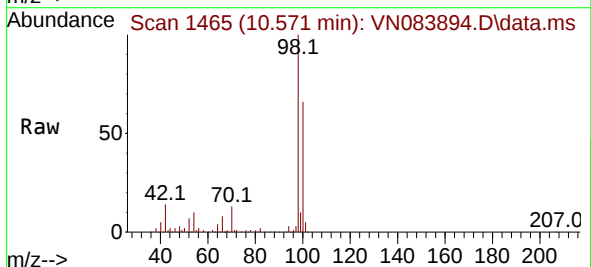
Instrument :
MSVOA_N
ClientSampleId :

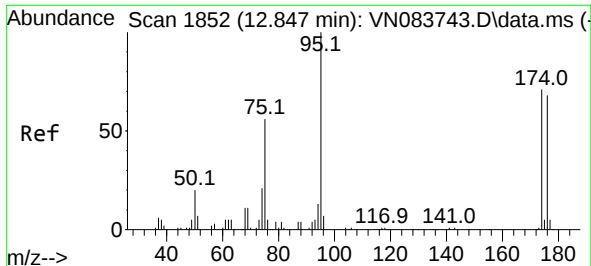
Tgt Ion: 98 Resp: 287819
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.588 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.129 min
Lab File: VN083894.D
Acq: 14 Sep 2024 16:44

Tgt Ion: 43 Resp: 1341
Ion Ratio Lower Upper
43 100
58 203.0 31.6 47.4#





#62

4-Bromofluorobenzene

Concen: 38.731 ug/l

RT: 12.847 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN083894.D

Acq: 14 Sep 2024 16:44

Instrument :

MSVOA_N

ClientSampleId :

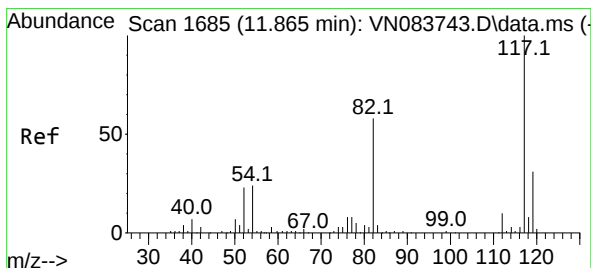
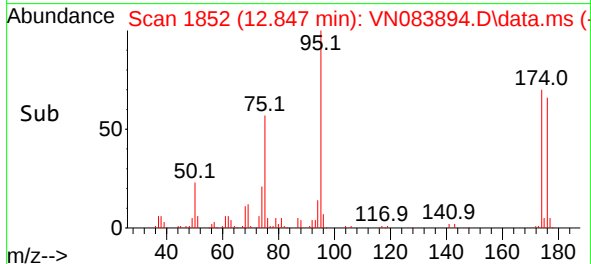
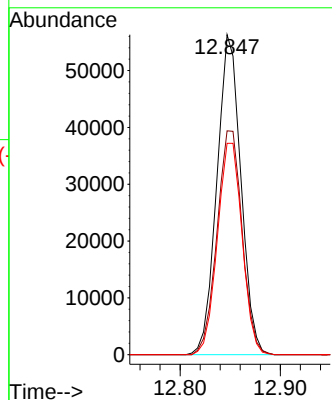
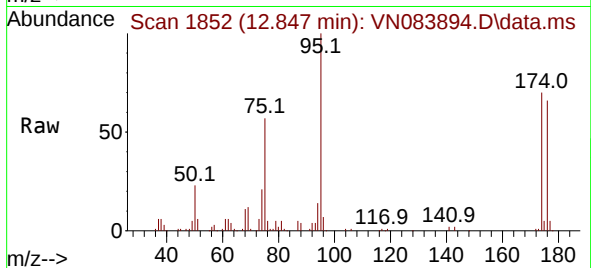
Tgt Ion: 95 Resp: 93449

Ion Ratio Lower Upper

95 100

174 73.4 0.0 139.8

176 68.2 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: VN083894.D

Acq: 14 Sep 2024 16:44

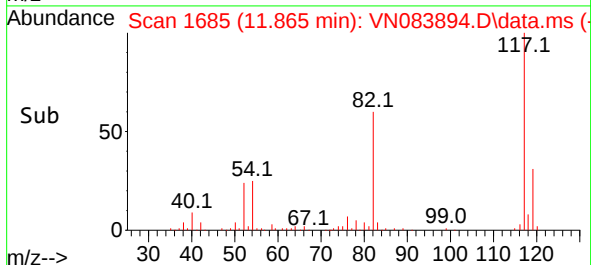
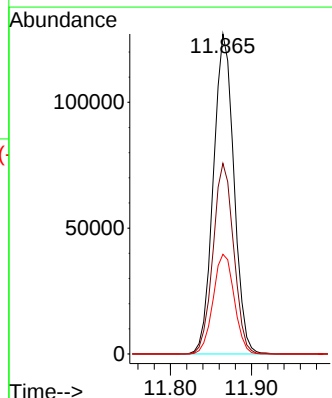
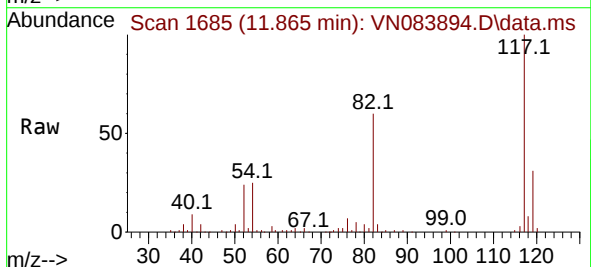
Tgt Ion: 117 Resp: 223317

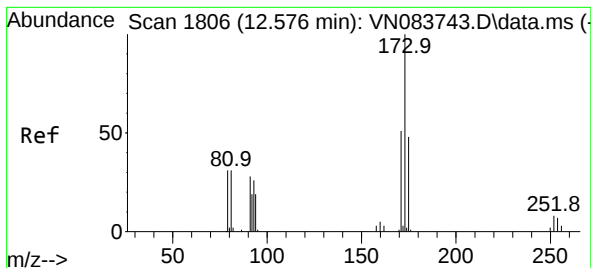
Ion Ratio Lower Upper

117 100

82 59.5 47.4 71.0

119 31.2 26.3 39.5





#71

Bromoform

Concen: 0.284 ug/l

RT: 12.847 min Scan# 1806

Delta R.T. 0.270 min

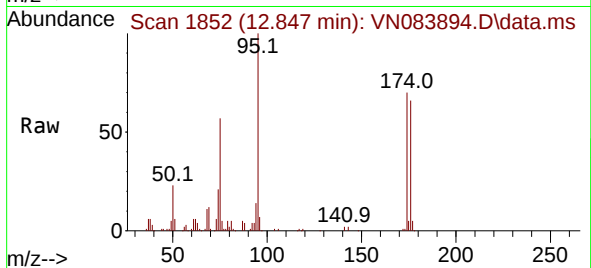
Lab File: VN083894.D

Acq: 14 Sep 2024 16:44

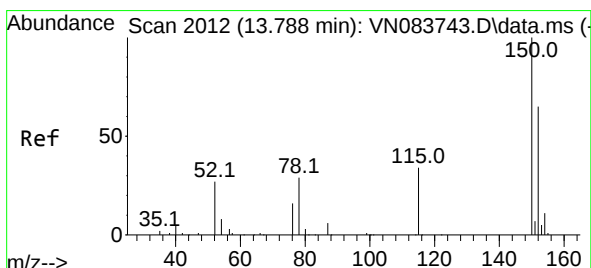
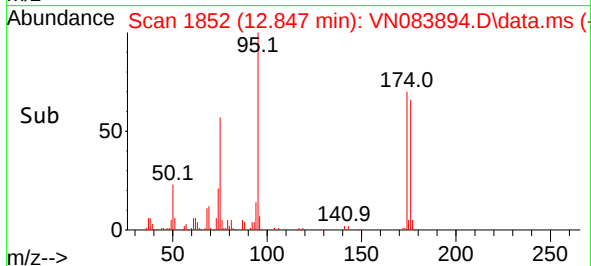
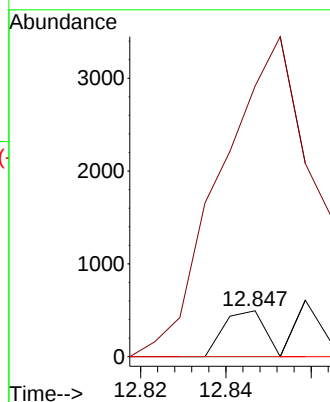
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	173	Resp:	329
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

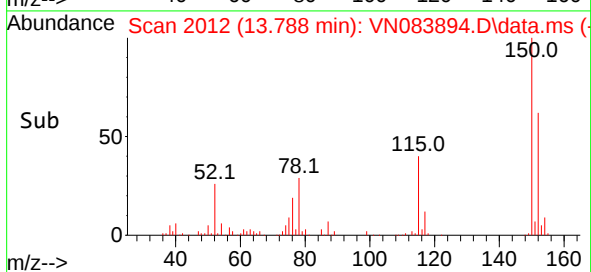
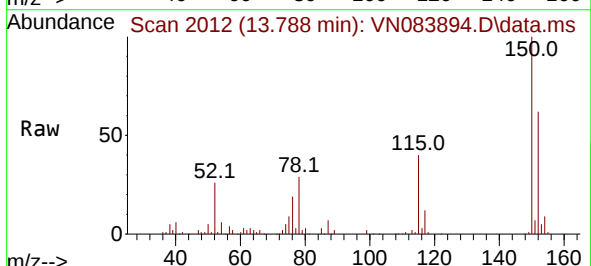
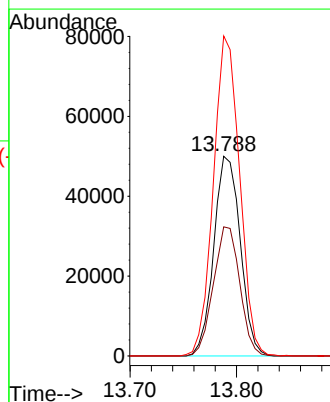
RT: 13.788 min Scan# 2012

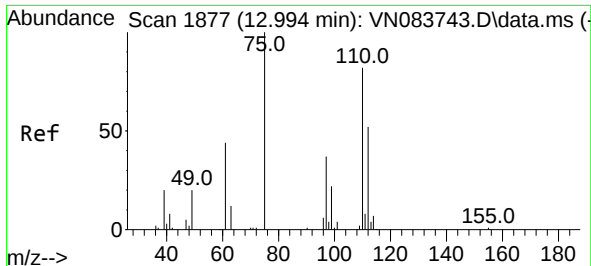
Delta R.T. -0.000 min

Lab File: VN083894.D

Acq: 14 Sep 2024 16:44

Tgt Ion:	152	Resp:	86271
Ion Ratio	Lower	Upper	
152	100		
115	64.5	32.2	96.6
150	158.8	0.0	348.6

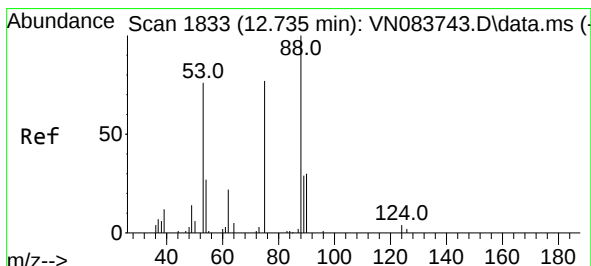
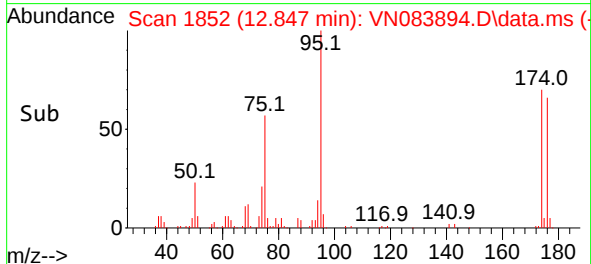
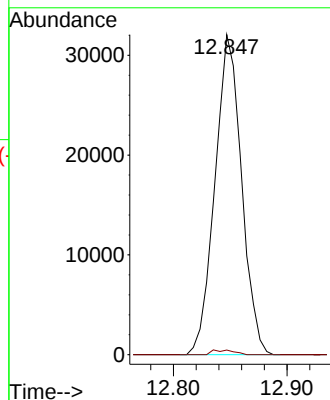
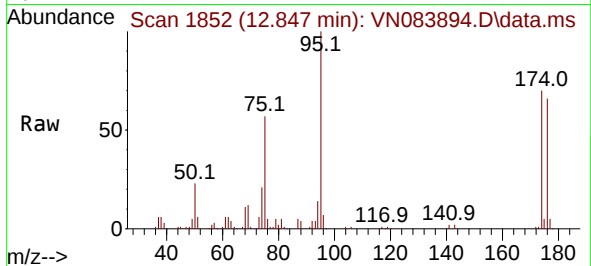




#76
1,2,3-Trichloropropane
Concen: 29.996 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083894.D
Acq: 14 Sep 2024 16:44

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 52216
Ion Ratio Lower Upper
75 100
77 1.2 95.2 285.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.561 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083894.D
Acq: 14 Sep 2024 16:44

Tgt Ion: 75 Resp: 52216
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

