

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100724\
 Data File : VN084334.D
 Acq On : 07 Oct 2024 15:31
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 08 04:00:20 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)

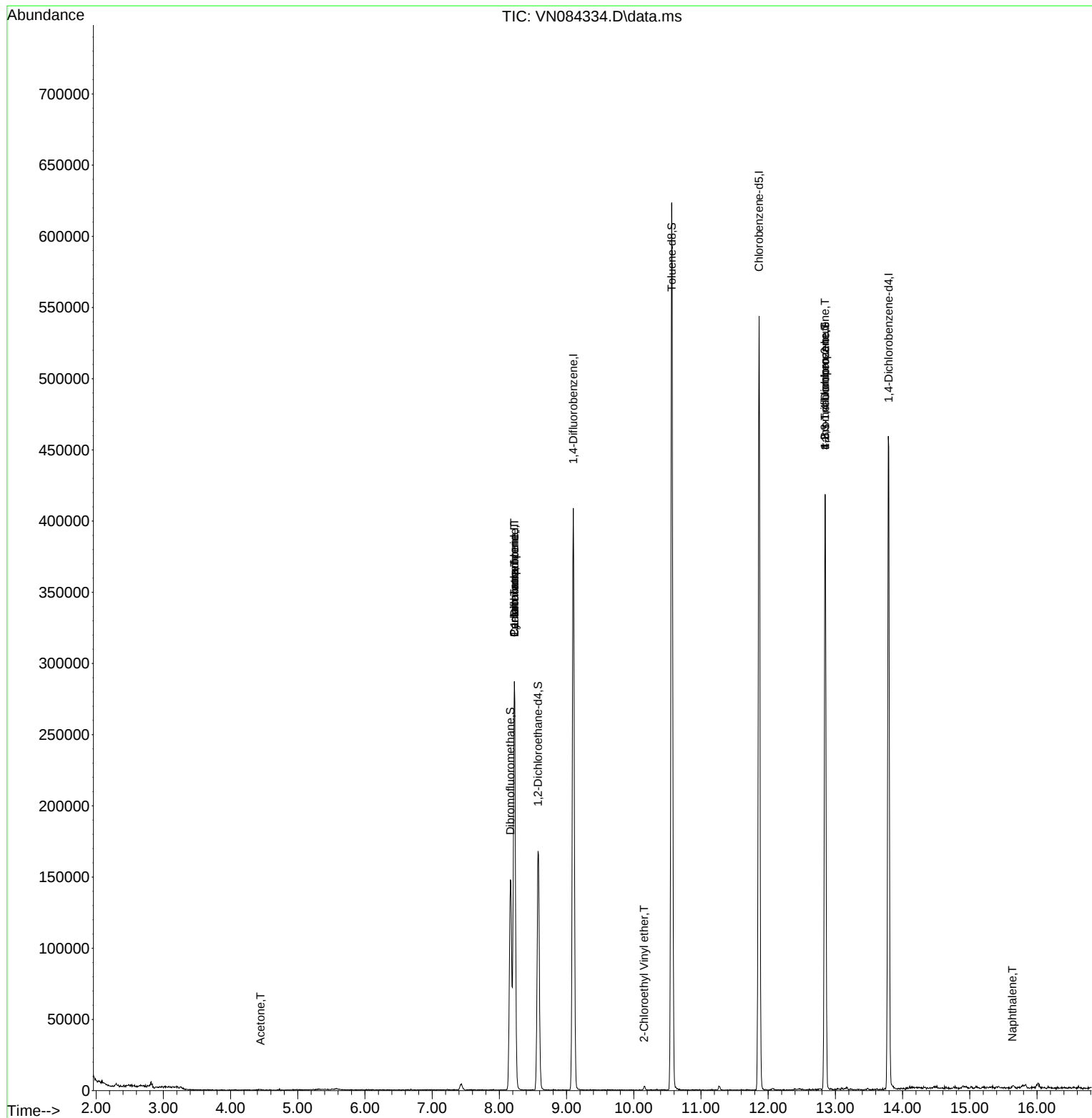
Internal Standards						
1) Pentafluorobenzene	8.224	168	203836	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	350958	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	297934	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	121198	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	141754	46.903	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	93.800%	
35) Dibromofluoromethane	8.165	113	110692	47.841	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	95.680%	
50) Toluene-d8	10.565	98	423391	49.738	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	99.480%	
62) 4-Bromofluorobenzene	12.847	95	151596	48.883	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	97.760%	
Target Compounds						
					Qvalue	
16) Acetone	4.448	43	975	0.751	ug/l #	44
31) Cyclohexane	8.224	56	4708	1.052	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	17166	5.108	ug/l #	51
38) Carbon Tetrachloride	8.224	117	23069	6.258	ug/l #	14
58) 2-Chloroethyl Vinyl ether	10.153	63	1305	0.747	ug/l	97
76) 1,2,3-Trichloropropane	12.847	75	77450	31.302	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	77450	75.045	ug/l #	11
95) Naphthalene	15.635	128	1551	0.231	ug/l #	69

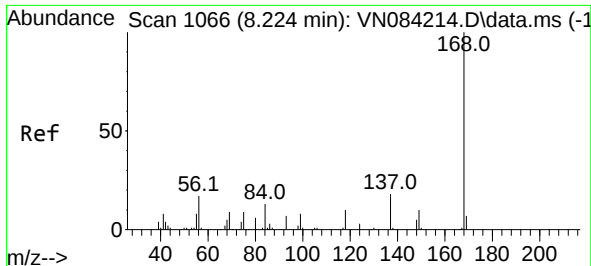
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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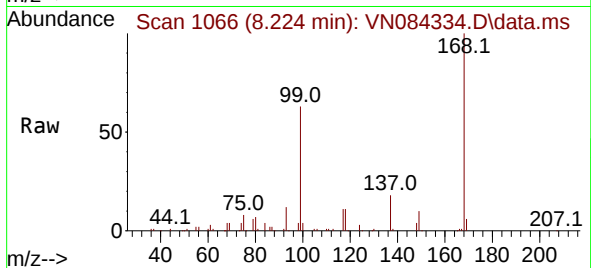
Quant Time: Oct 08 04:00:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
Response via : Initial Calibration



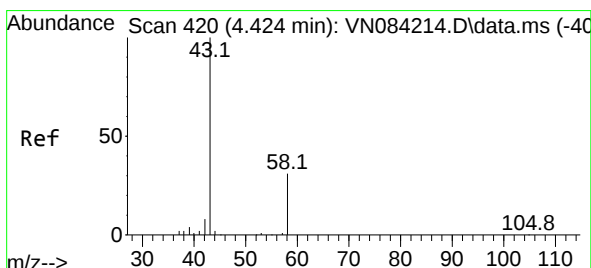
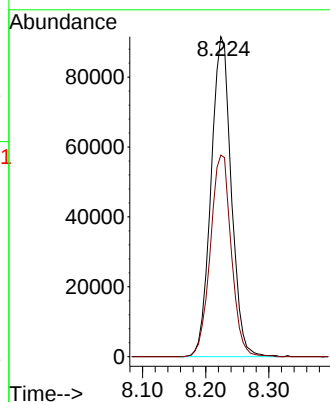
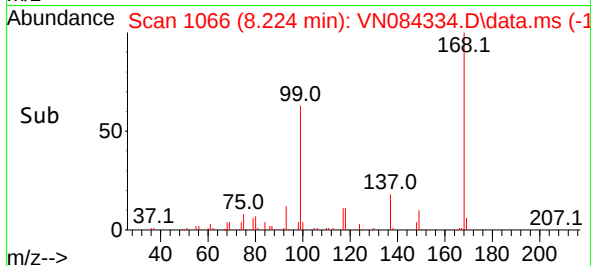


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084334.D
Acq: 07 Oct 2024 15:31

Instrument :
MSVOA_N
ClientSampleId :

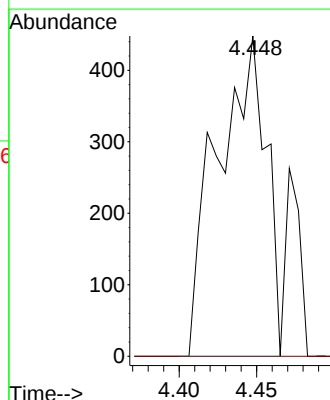
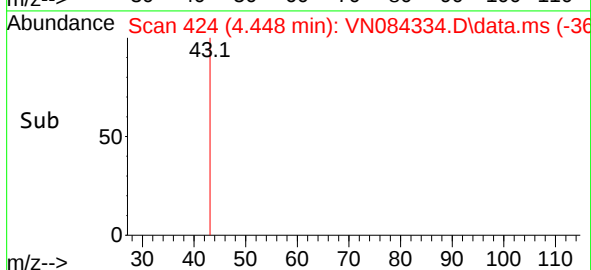
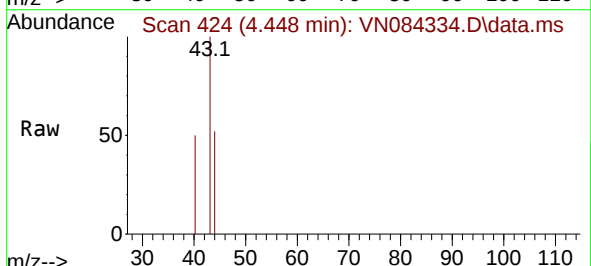


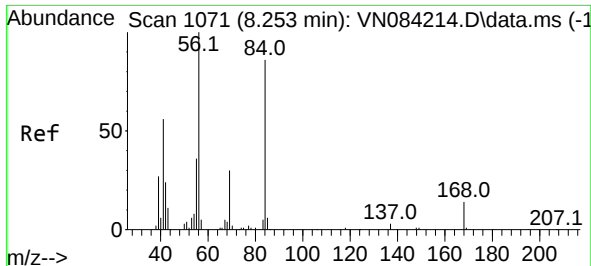
Tgt Ion:168 Resp: 203836
Ion Ratio Lower Upper
168 100
99 63.0 54.2 81.2



#16
Acetone
Concen: 0.751 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.024 min
Lab File: VN084334.D
Acq: 07 Oct 2024 15:31

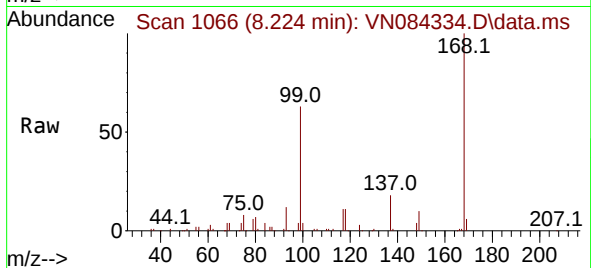
Tgt Ion: 43 Resp: 975
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#



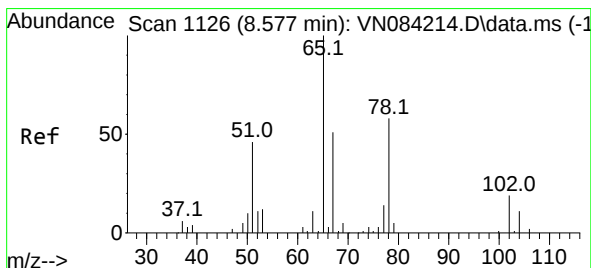
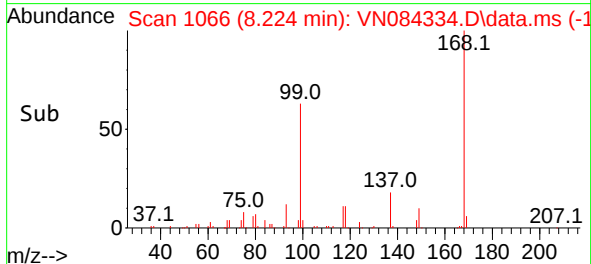
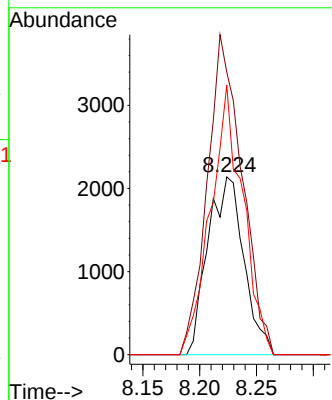


#31
Cyclohexane
Concen: 1.052 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084334.D
Acq: 07 Oct 2024 15:31

Instrument :
MSVOA_N
ClientSampleId :

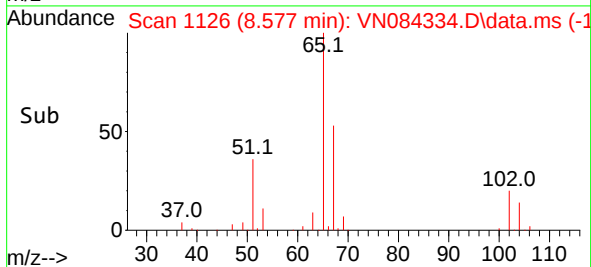
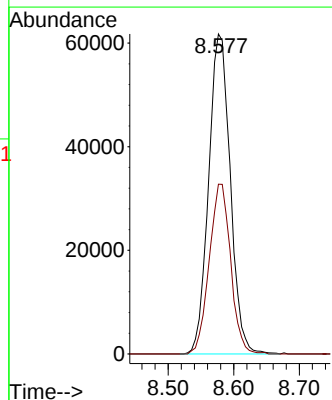
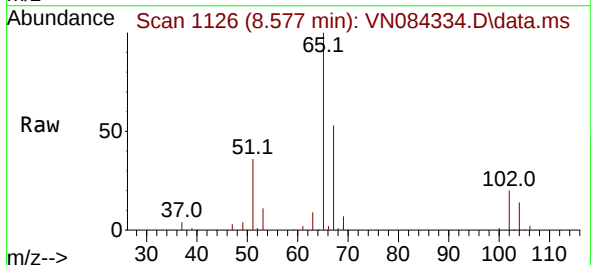


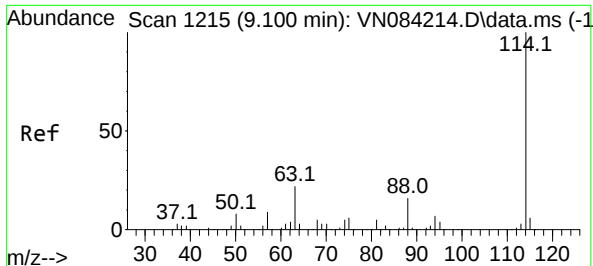
Tgt Ion: 56 Resp: 4708
Ion Ratio Lower Upper
56 100
69 158.9 23.8 35.6#
84 151.6 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 46.903 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084334.D
Acq: 07 Oct 2024 15:31

Tgt Ion: 65 Resp: 141754
Ion Ratio Lower Upper
65 100
67 52.5 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084334.D

Acq: 07 Oct 2024 15:31

Instrument :

MSVOA_N

ClientSampleId :

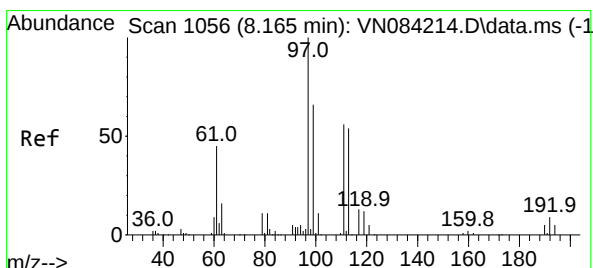
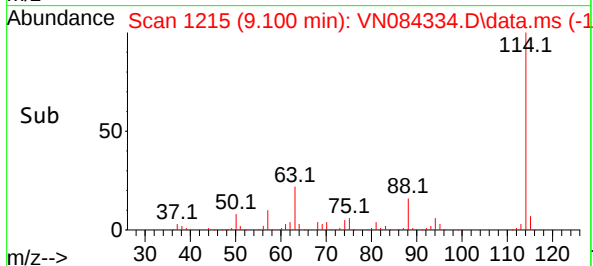
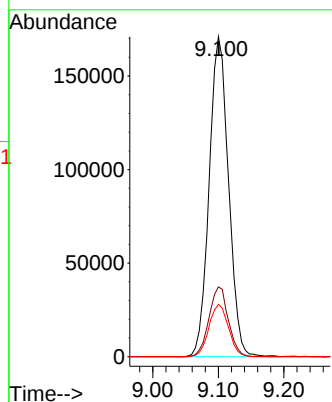
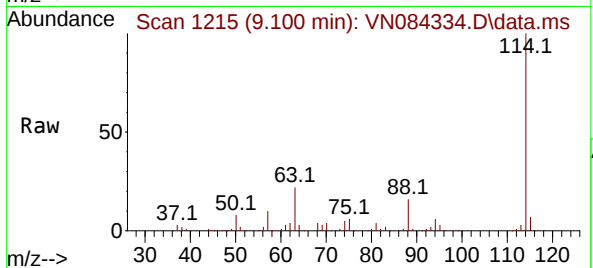
Tgt Ion:114 Resp: 350958

Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.8

88 16.4 0.0 31.6



#35

Dibromofluoromethane

Concen: 47.841 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084334.D

Acq: 07 Oct 2024 15:31

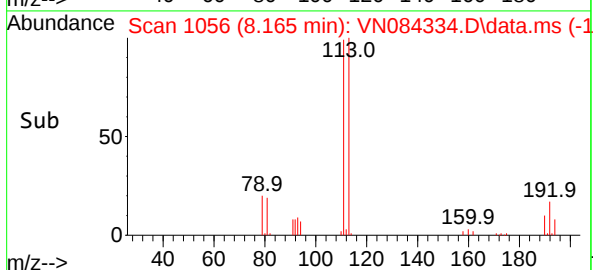
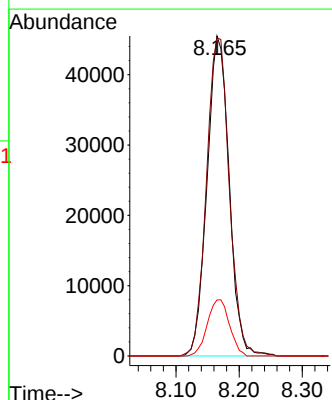
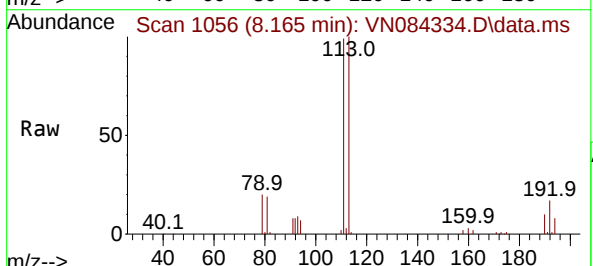
Tgt Ion:113 Resp: 110692

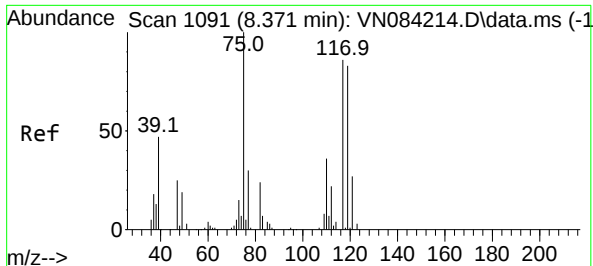
Ion Ratio Lower Upper

113 100

111 102.7 83.3 124.9

192 17.6 13.5 20.3





#36

1,1-Dichloropropene

Concen: 5.108 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084334.D

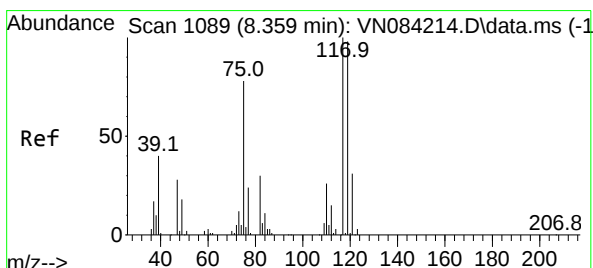
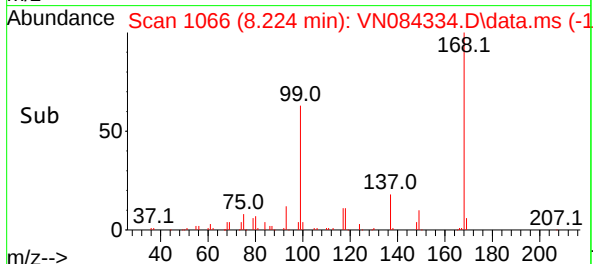
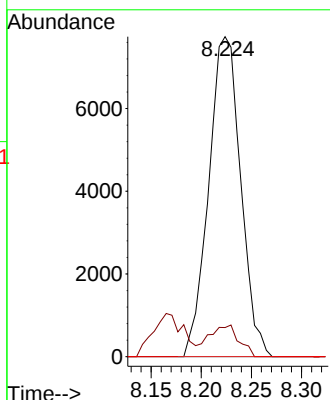
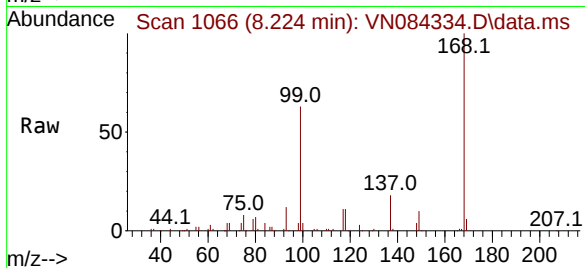
Acq: 07 Oct 2024 15:31

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	75	Resp:	17166
Ion Ratio	Lower	Upper	
75	100		
110	9.3	16.9	50.7#
77	0.0	24.7	37.1#



#38

Carbon Tetrachloride

Concen: 6.258 ug/l

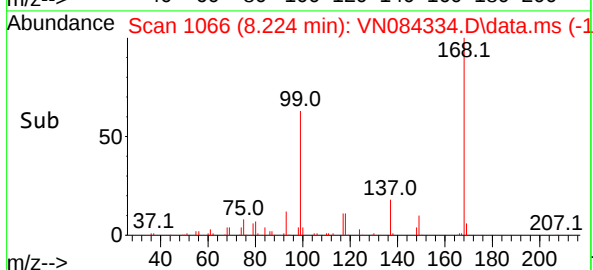
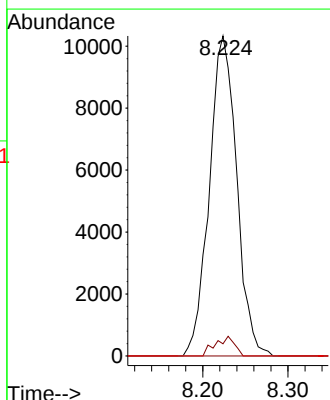
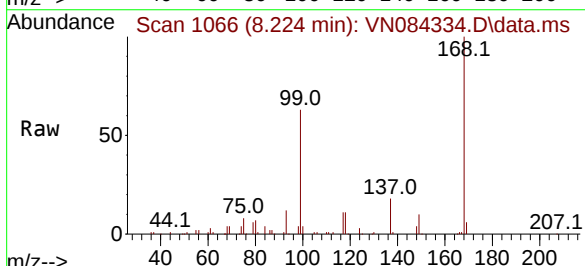
RT: 8.224 min Scan# 1066

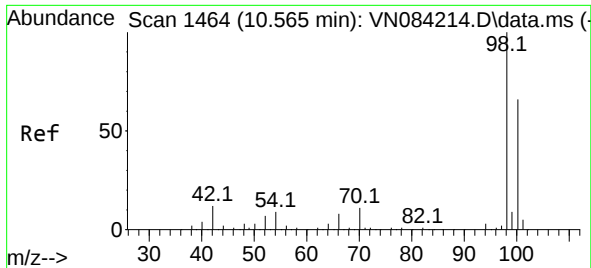
Delta R.T. -0.135 min

Lab File: VN084334.D

Acq: 07 Oct 2024 15:31

Tgt Ion:	117	Resp:	23069
Ion Ratio	Lower	Upper	
117	100		
119	3.8	78.7	118.1#
121	0.0	24.4	36.6#

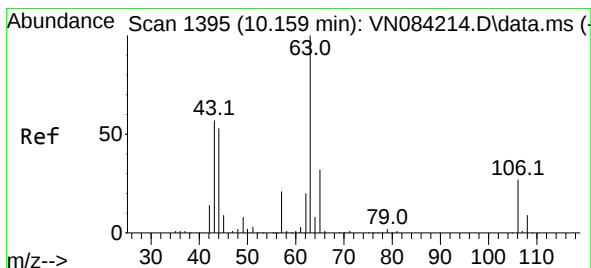
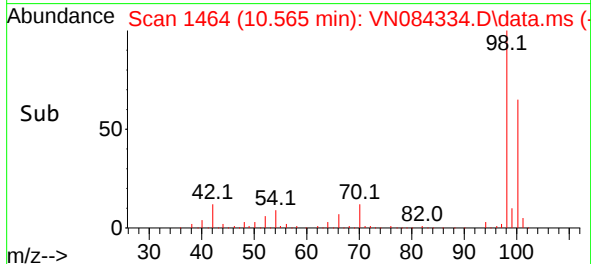
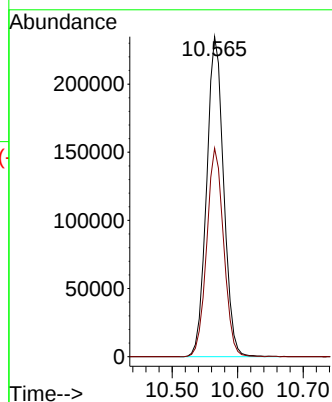
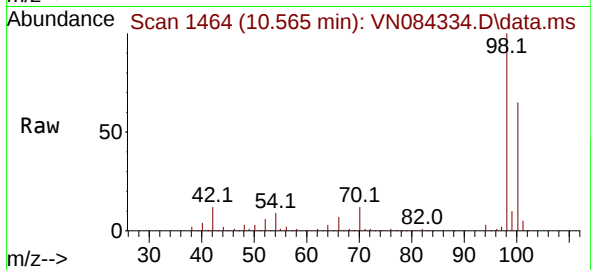




#50
Toluene-d8
Concen: 49.738 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084334.D
Acq: 07 Oct 2024 15:31

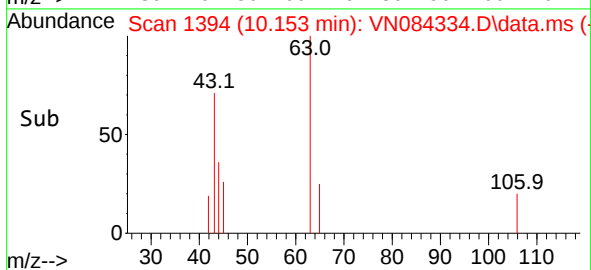
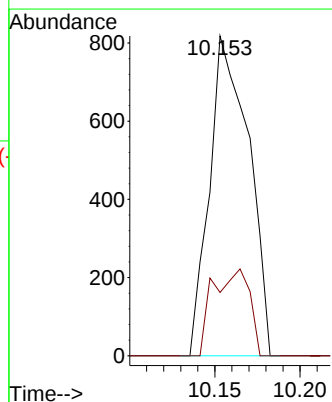
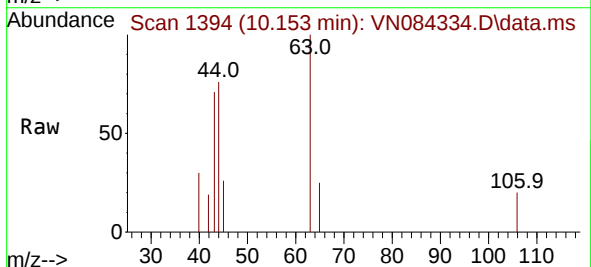
Instrument :
MSVOA_N
ClientSampleId :

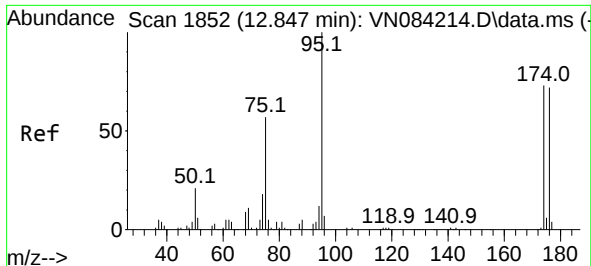
Tgt Ion: 98 Resp: 423391
Ion Ratio Lower Upper
98 100
100 65.0 52.7 79.1



#58
2-Chloroethyl Vinyl ether
Concen: 0.747 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VN084334.D
Acq: 07 Oct 2024 15:31

Tgt Ion: 63 Resp: 1305
Ion Ratio Lower Upper
63 100
106 25.4 21.8 32.6

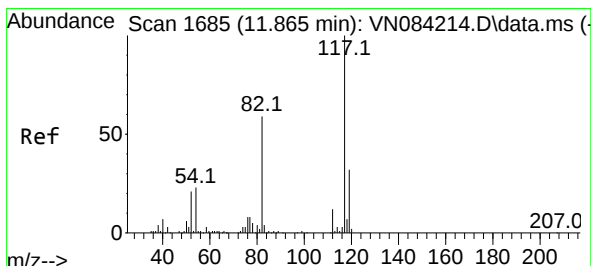
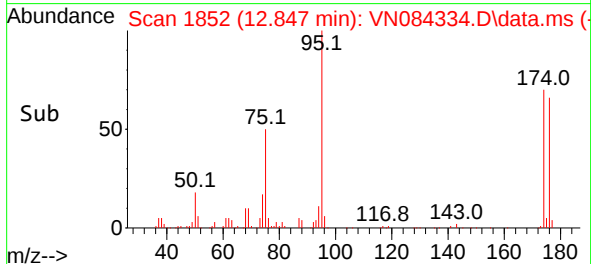
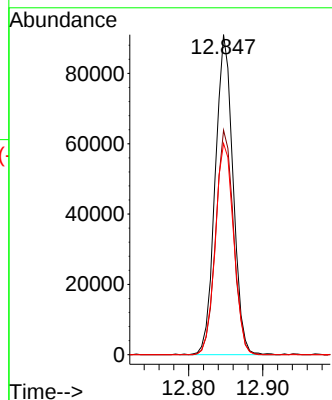
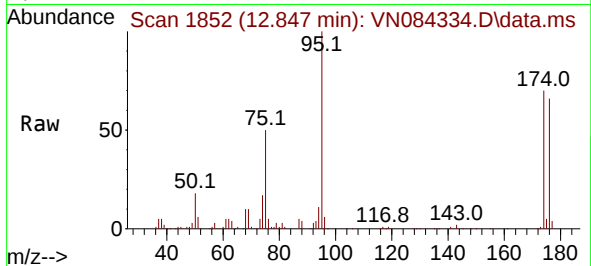




#62
4-Bromofluorobenzene
Concen: 48.883 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084334.D
Acq: 07 Oct 2024 15:31

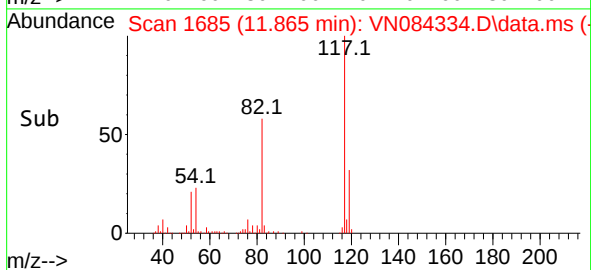
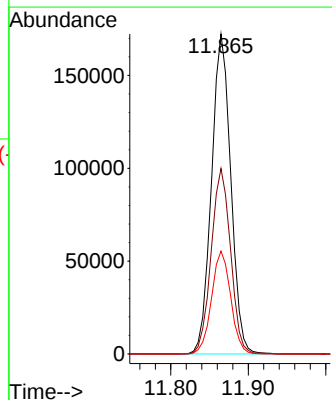
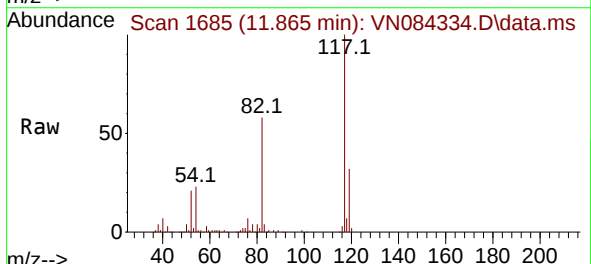
Instrument :
MSVOA_N
ClientSampleId :

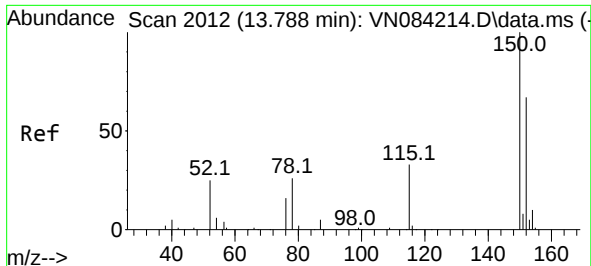
Tgt Ion: 95 Resp: 151596
Ion Ratio Lower Upper
95 100
174 70.2 0.0 145.2
176 68.1 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084334.D
Acq: 07 Oct 2024 15:31

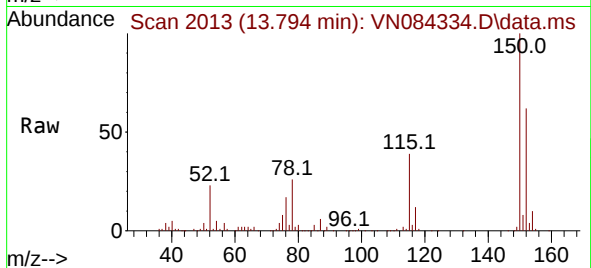
Tgt Ion: 117 Resp: 297934
Ion Ratio Lower Upper
117 100
82 58.0 47.2 70.8
119 32.1 25.4 38.0



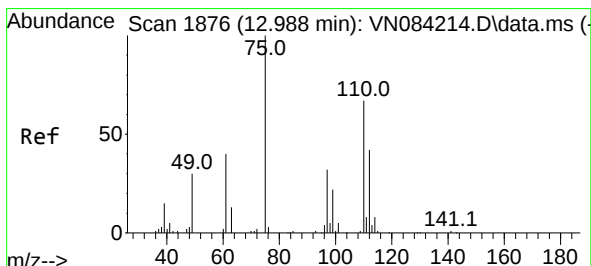
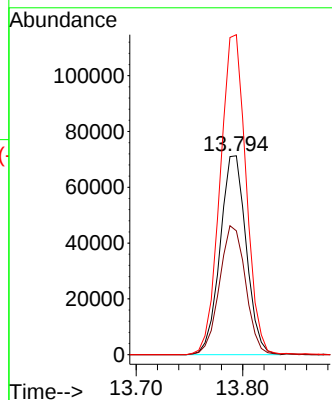
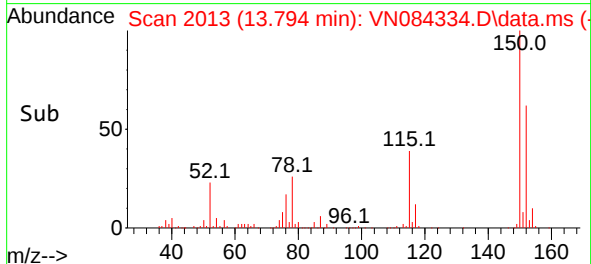


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2012
Delta R.T. 0.006 min
Lab File: VN084334.D
Acq: 07 Oct 2024 15:31

Instrument :
MSVOA_N
ClientSampleId :

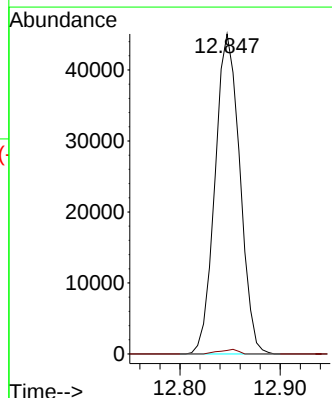
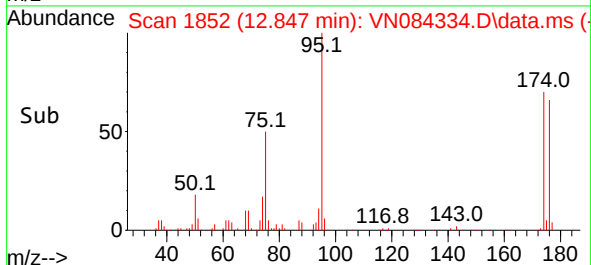
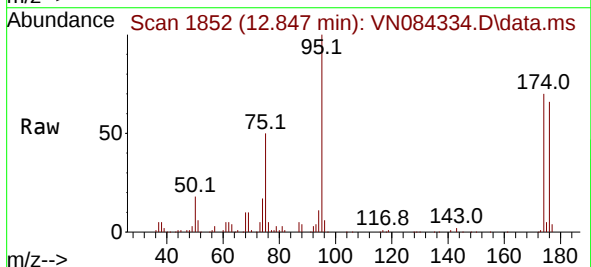


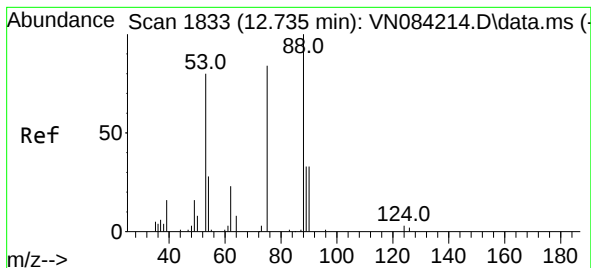
Tgt Ion:152 Resp: 121198
Ion Ratio Lower Upper
152 100
115 65.1 31.3 93.9
150 160.2 0.0 349.8



#76
1,2,3-Trichloropropane
Concen: 31.302 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084334.D
Acq: 07 Oct 2024 15:31

Tgt Ion: 75 Resp: 77450
Ion Ratio Lower Upper
75 100
77 1.1 96.9 290.7#

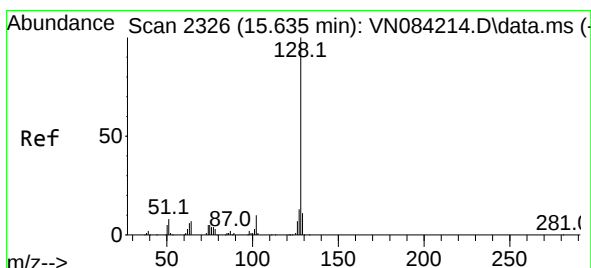
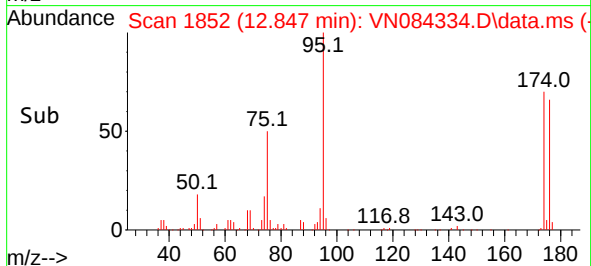
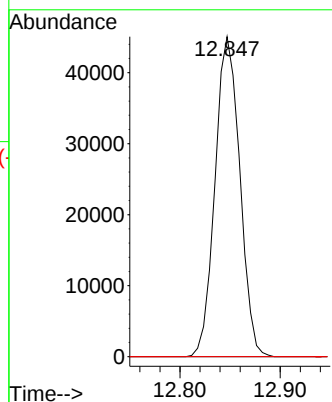
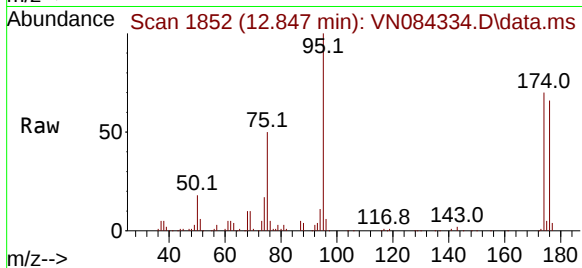




#81
trans-1,4-Dichloro-2-butene
Concen: 75.045 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084334.D
Acq: 07 Oct 2024 15:31

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 77450
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#



#95
Naphthalene
Concen: 0.231 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN084334.D
Acq: 07 Oct 2024 15:31

Tgt Ion:128 Resp: 1551
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.7 13.1#

