

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102124\
 Data File : VN084444.D
 Acq On : 21 Oct 2024 18:28
 Operator : JC\MD
 Sample : P4471-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB100824

Quant Time: Oct 22 07:57:04 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)

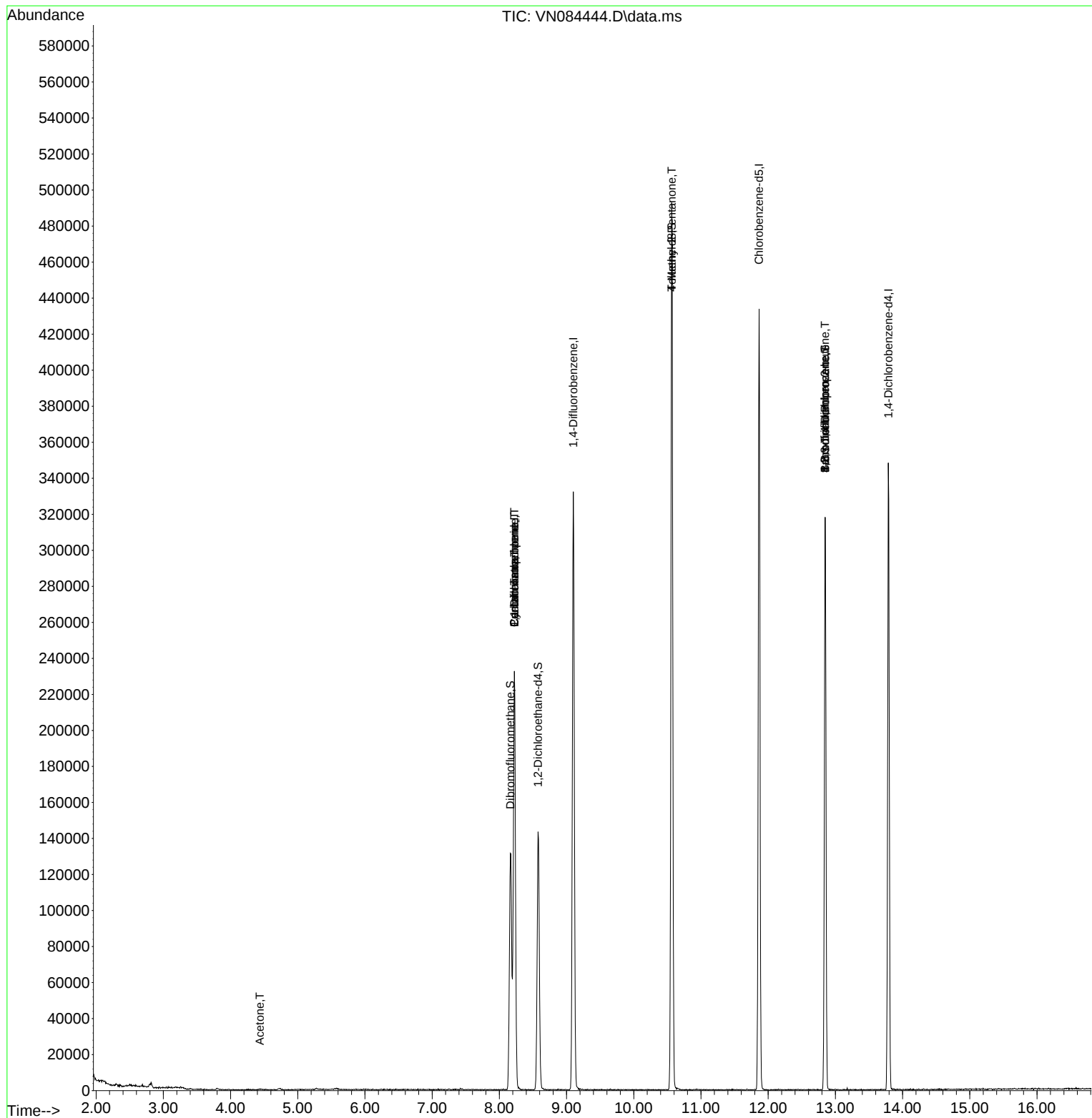
Internal Standards						
1) Pentafluorobenzene	8.224	168	164715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	283567	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	244917	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	92567	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	120791	49.460	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.920%
35) Dibromofluoromethane	8.165	113	98047	52.447	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.900%
50) Toluene-d8	10.565	98	344898	50.146	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.300%
62) 4-Bromofluorobenzene	12.847	95	112552	44.919	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	89.840%
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	439	0.418	ug/l #	44
31) Cyclohexane	8.224	56	3928	1.086	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	14399	5.303	ug/l #	51
38) Carbon Tetrachloride	8.224	117	18448	6.193	ug/l #	15
51) 4-Methyl-2-Pentanone	10.565	43	1297	0.489	ug/l #	1
71) Bromoform	12.847	173	526	0.382	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	57463	30.407	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	57463	72.900	ug/l #	11

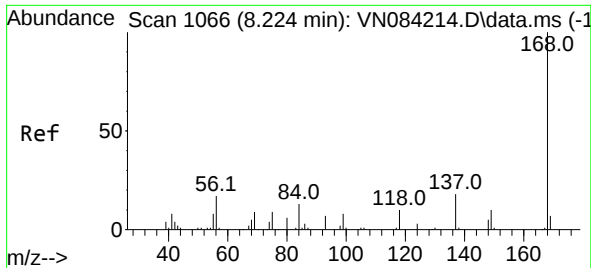
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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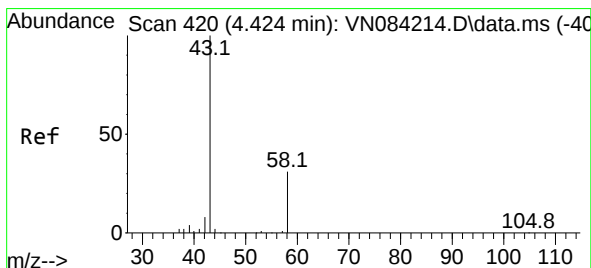
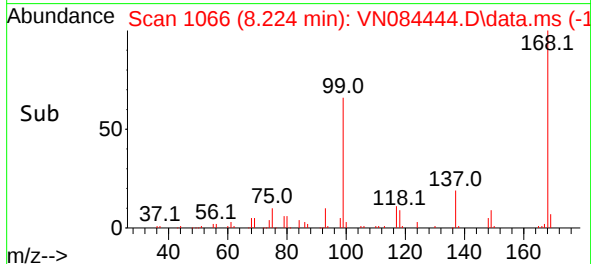
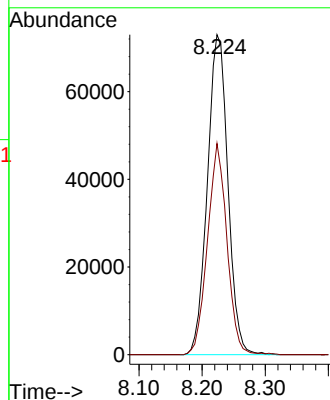
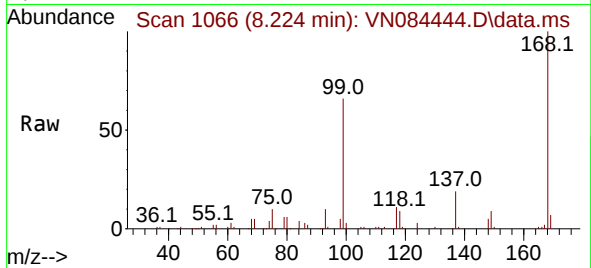




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084444.D
Acq: 21 Oct 2024 18:28

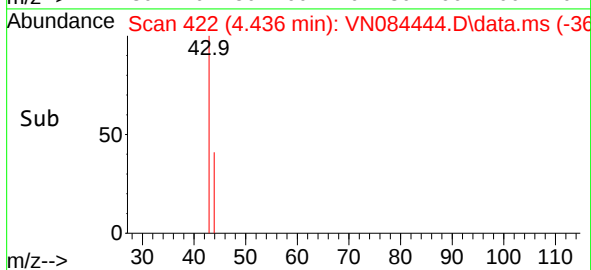
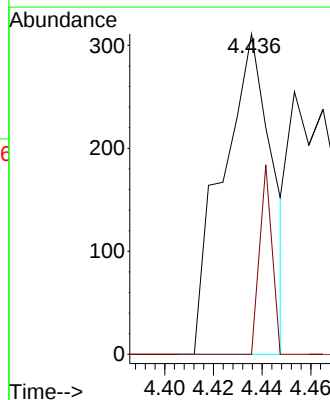
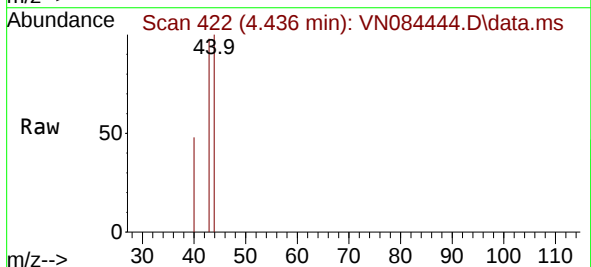
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MSVOA_N
ClientSampleId :
TB100824

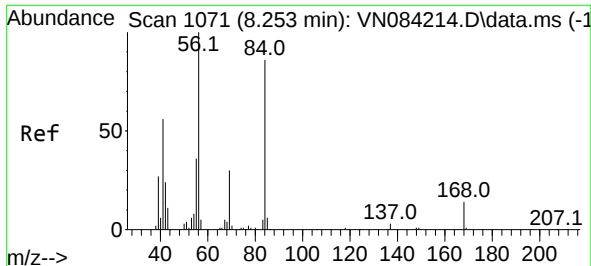
Tgt Ion:168 Resp: 164715
Ion Ratio Lower Upper
168 100
99 66.0 54.2 81.2



#16
Acetone
Concen: 0.418 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN084444.D
Acq: 21 Oct 2024 18:28

Tgt Ion: 43 Resp: 439
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#

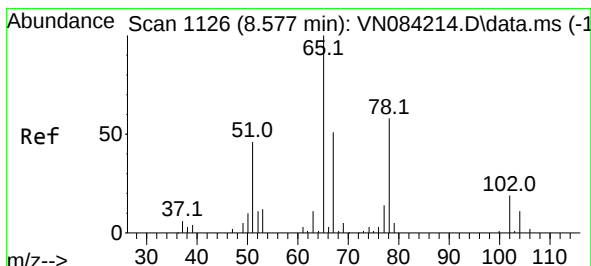
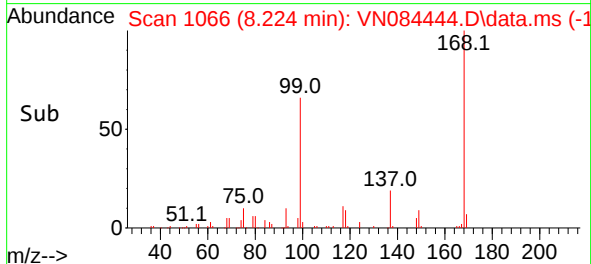
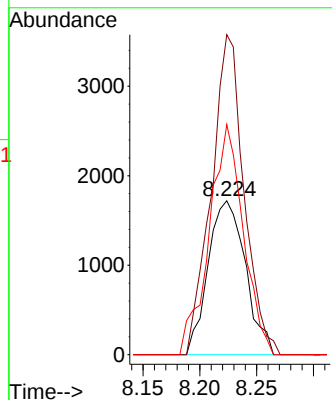
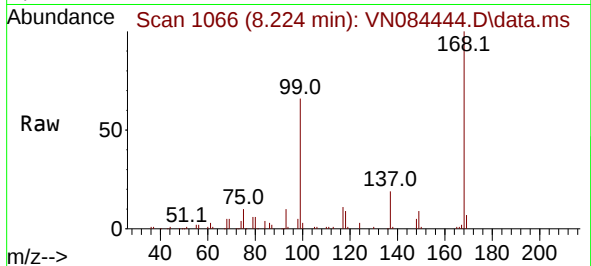




#31
Cyclohexane
Concen: 1.086 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.030 min
Lab File: VN084444.D
Acq: 21 Oct 2024 18:28

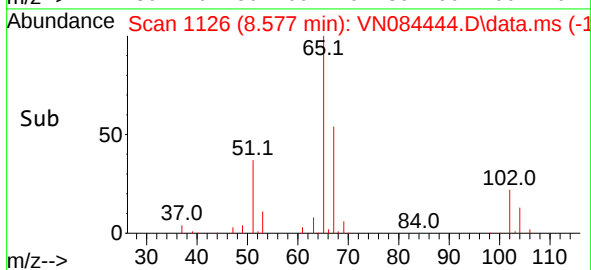
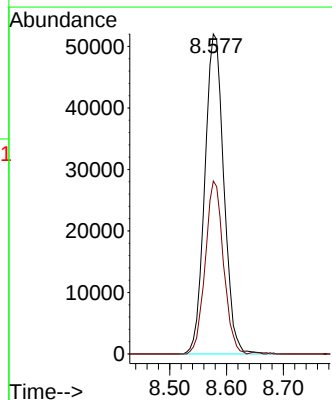
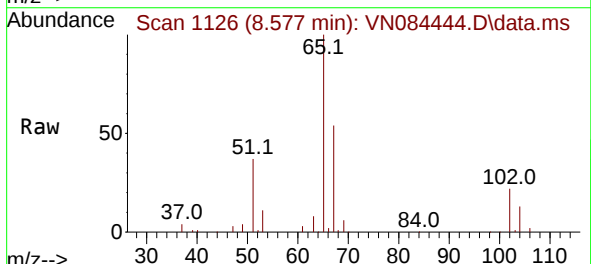
Instrument :
MSVOA_N
ClientSampleId :
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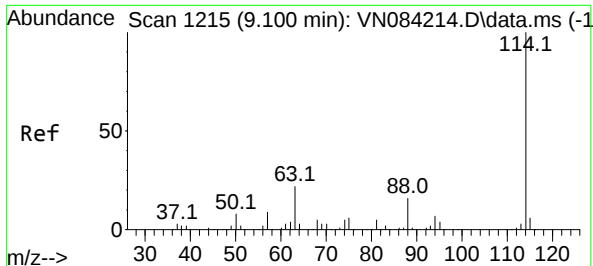
Tgt Ion: 56 Resp: 3928
Ion Ratio Lower Upper
56 100
69 207.9 23.8 35.6#
84 149.5 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 49.460 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084444.D
Acq: 21 Oct 2024 18:28

Tgt Ion: 65 Resp: 120791
Ion Ratio Lower Upper
65 100
67 51.7 0.0 102.0

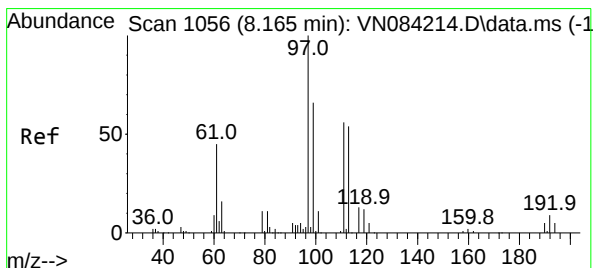
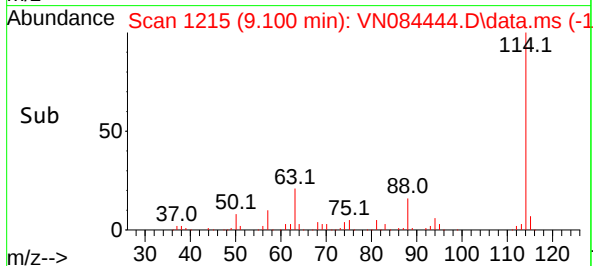
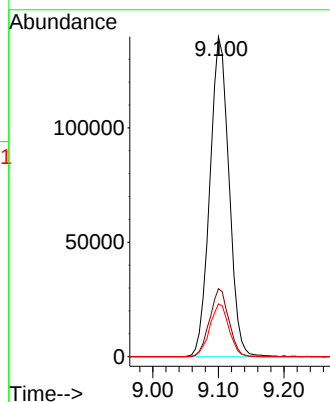
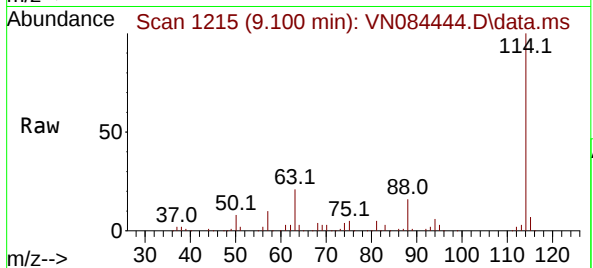




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084444.D
Acq: 21 Oct 2024 18:28

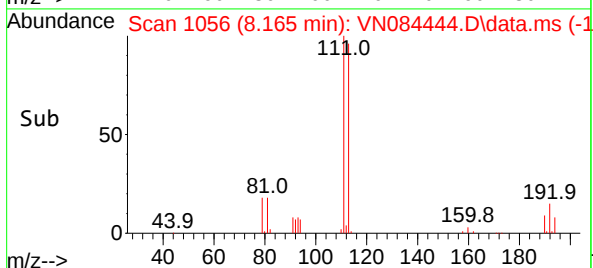
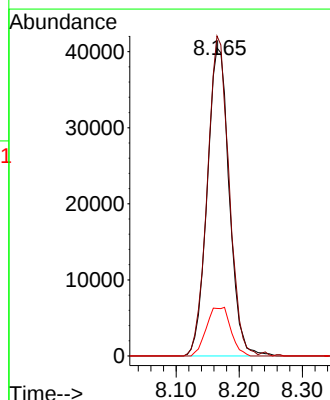
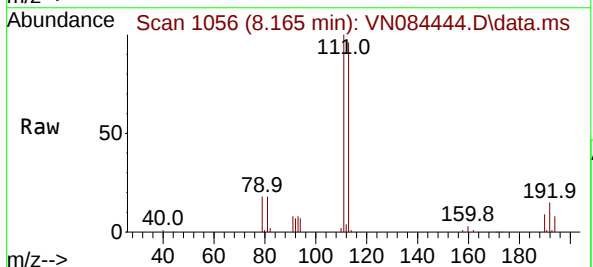
Instrument :
MSVOA_N
ClientSampleId :
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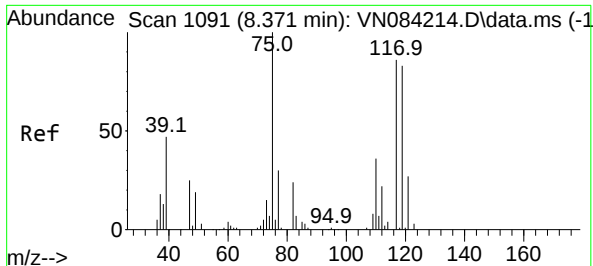
Tgt Ion:114 Resp: 283567
Ion Ratio Lower Upper
114 100
63 21.3 0.0 43.8
88 16.5 0.0 31.6



#35
Dibromofluoromethane
Concen: 52.447 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN084444.D
Acq: 21 Oct 2024 18:28

Tgt Ion:113 Resp: 98047
Ion Ratio Lower Upper
113 100
111 102.0 83.3 124.9
192 17.4 13.5 20.3





#36

1,1-Dichloropropene

Concen: 5.303 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084444.D

Acq: 21 Oct 2024 18:28

Instrument :

MSVOA_N

ClientSampleId :

TB100824

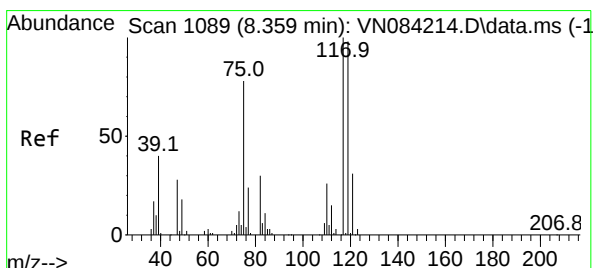
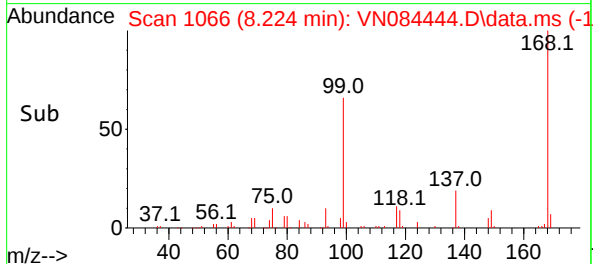
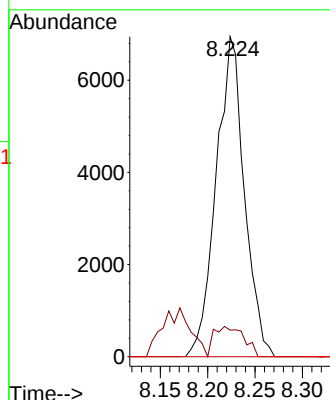
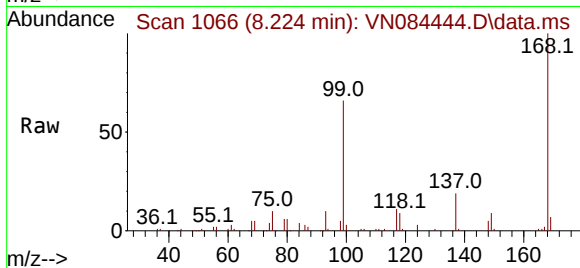
Tgt Ion: 75 Resp: 14399

Ion Ratio Lower Upper

75 100

110 10.0 16.9 50.7#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.193 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN084444.D

Acq: 21 Oct 2024 18:28

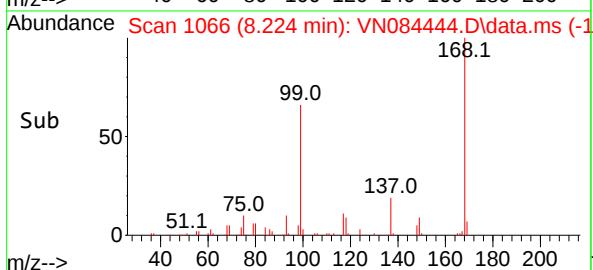
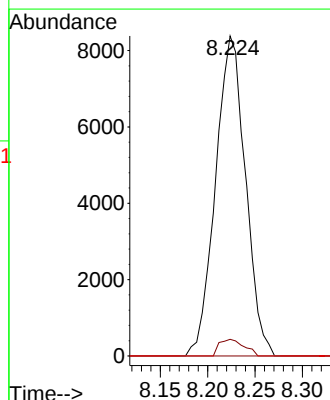
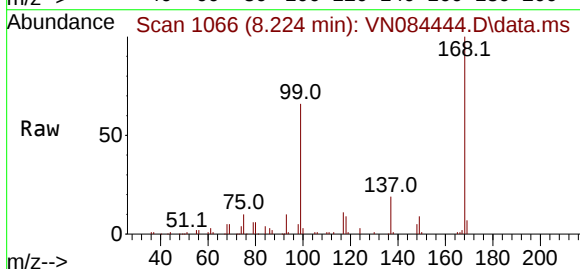
Tgt Ion: 117 Resp: 18448

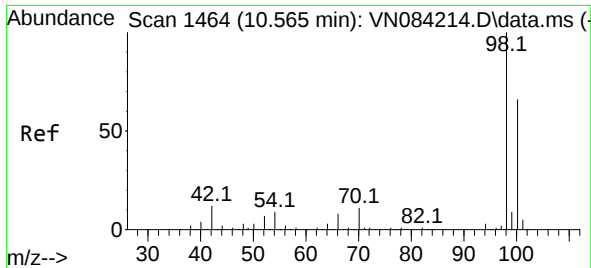
Ion Ratio Lower Upper

117 100

119 5.2 78.7 118.1#

121 0.0 24.4 36.6#

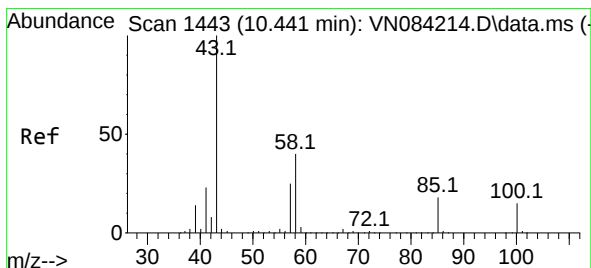
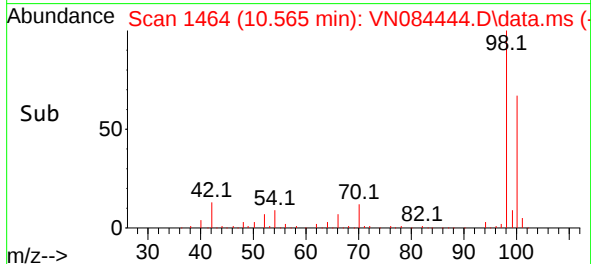
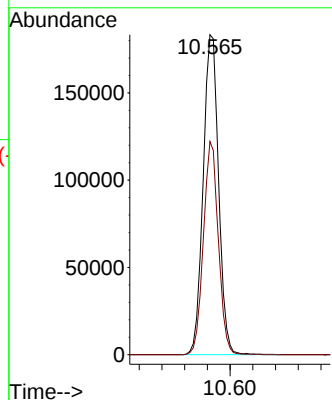
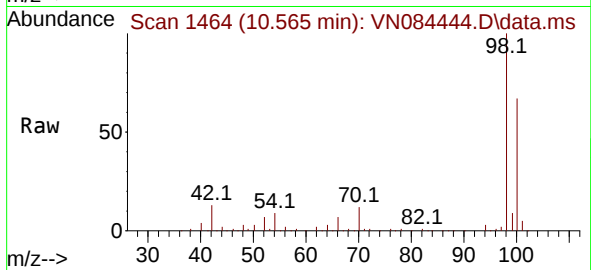




#50
Toluene-d8
Concen: 50.146 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084444.D
Acq: 21 Oct 2024 18:28

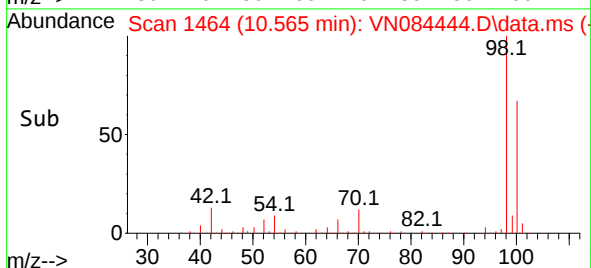
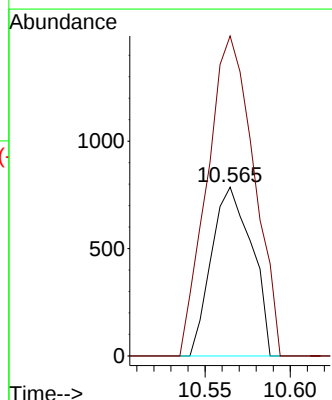
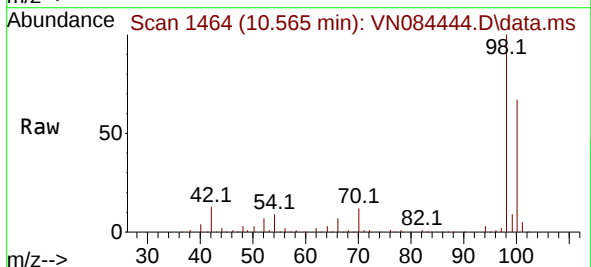
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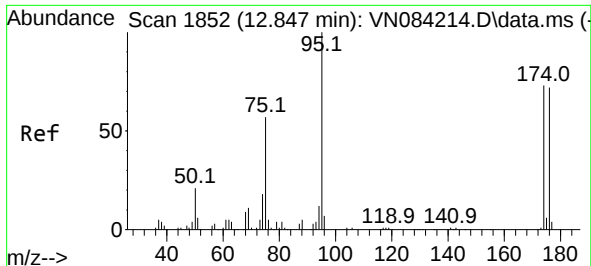
Tgt Ion: 98 Resp: 344898
Ion Ratio Lower Upper
98 100
100 64.4 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.489 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.123 min
Lab File: VN084444.D
Acq: 21 Oct 2024 18:28

Tgt Ion: 43 Resp: 1297
Ion Ratio Lower Upper
43 100
58 218.5 31.6 47.4#

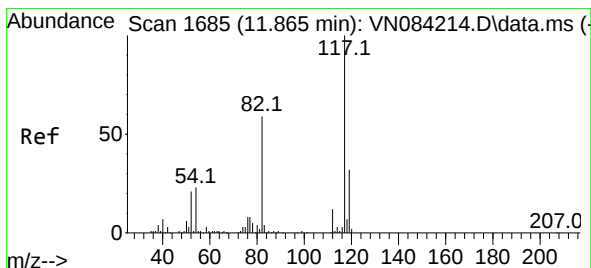
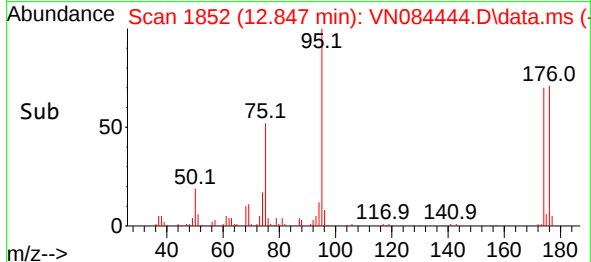
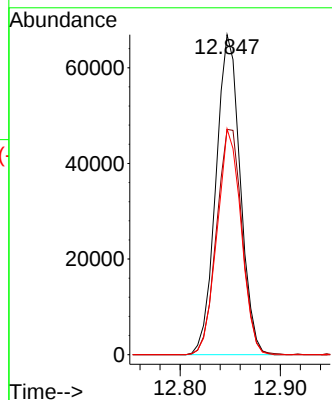
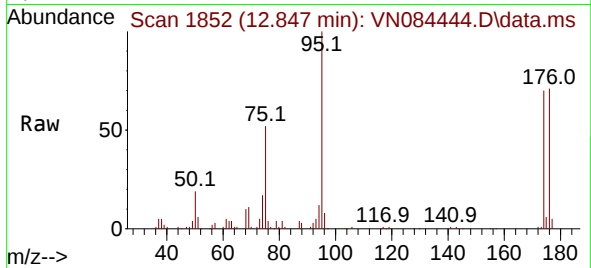




#62
4-Bromofluorobenzene
Concen: 44.919 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084444.D
Acq: 21 Oct 2024 18:28

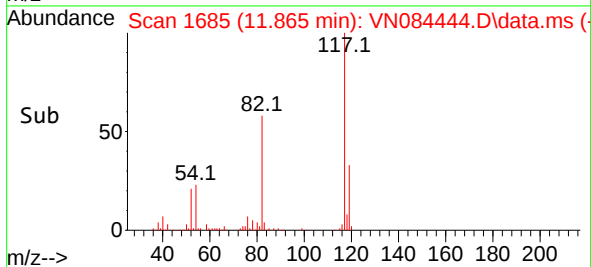
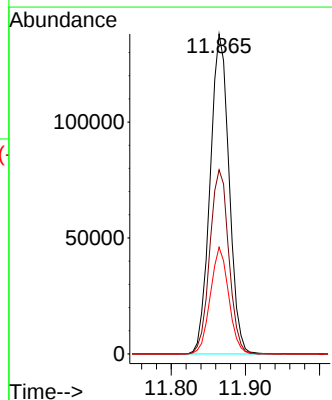
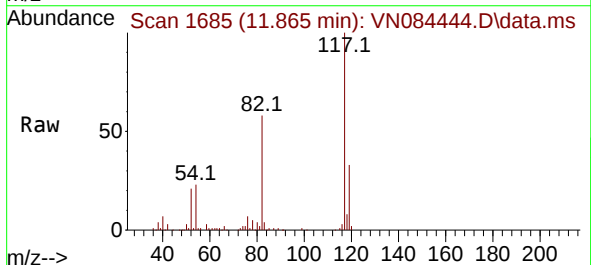
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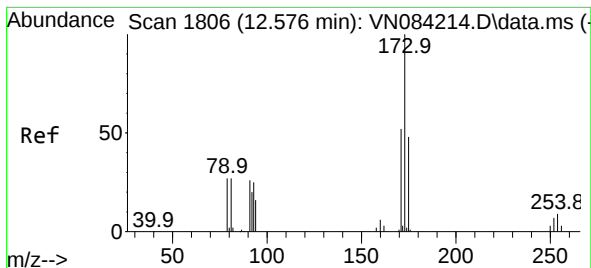
Tgt Ion: 95 Resp: 112552
Ion Ratio Lower Upper
95 100
174 73.9 0.0 145.2
176 70.0 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084444.D
Acq: 21 Oct 2024 18:28

Tgt Ion: 117 Resp: 244917
Ion Ratio Lower Upper
117 100
82 57.6 47.2 70.8
119 33.3 25.4 38.0





#71

Bromoform

Concen: 0.382 ug/l

RT: 12.847 min Scan# 1

Delta R.T. 0.270 min

Lab File: VN084444.D

Acq: 21 Oct 2024 18:28

Instrument :

MSVOA_N

ClientSampleId :

TB100824

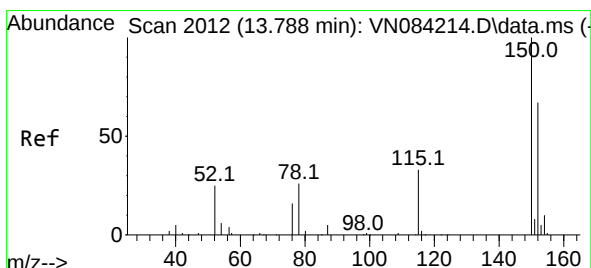
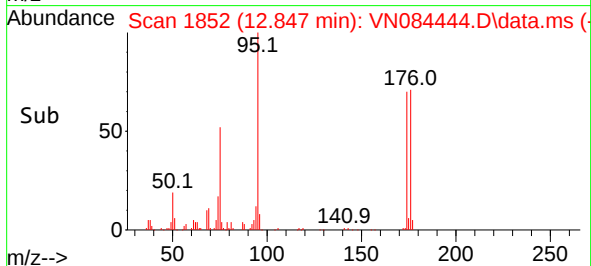
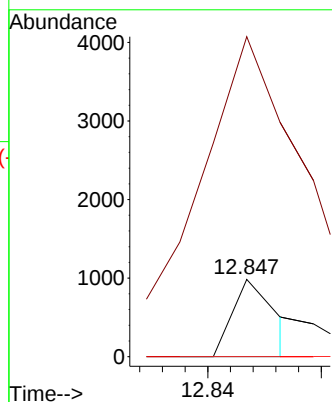
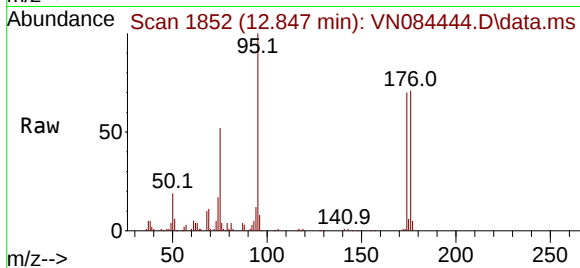
Tgt Ion:173 Resp: 526

Ion Ratio Lower Upper

173 100

175 820.5 23.5 70.6#

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: VN084444.D

Acq: 21 Oct 2024 18:28

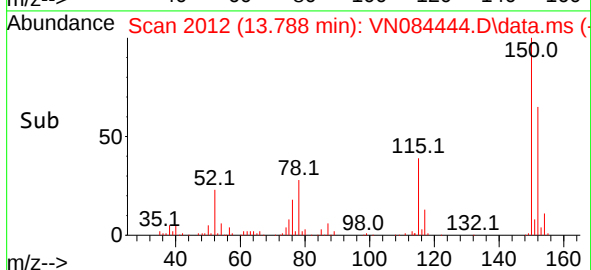
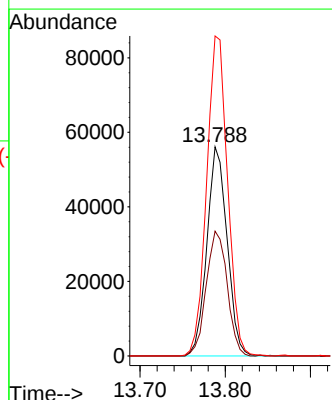
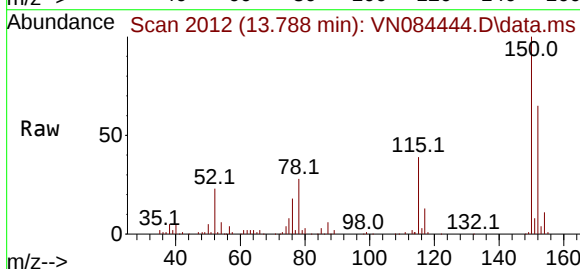
Tgt Ion:152 Resp: 92567

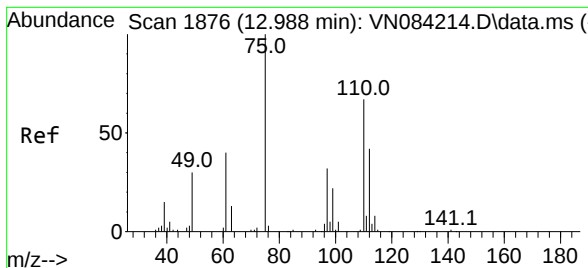
Ion Ratio Lower Upper

152 100

115 61.8 31.3 93.9

150 158.2 0.0 349.8





#76

1,2,3-Trichloropropane

Concen: 30.407 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VN084444.D

Acq: 21 Oct 2024 18:28

Instrument :

MSVOA_N

ClientSampleId :

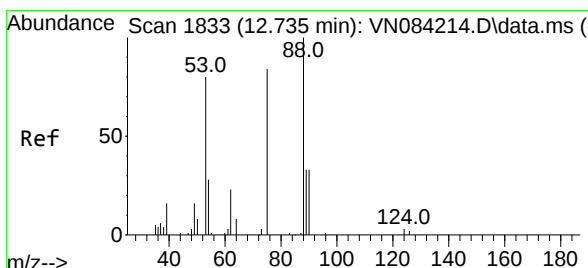
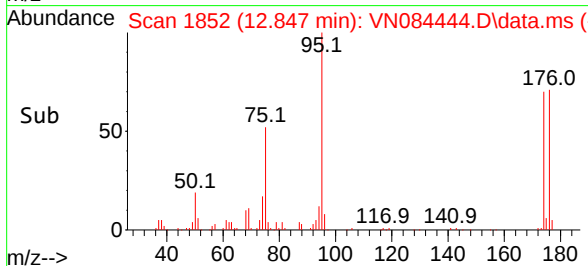
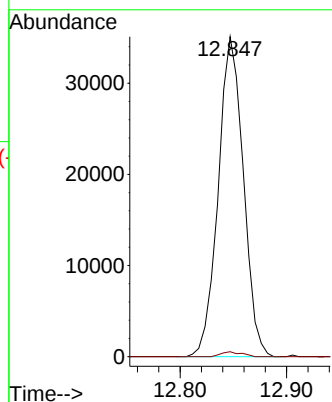
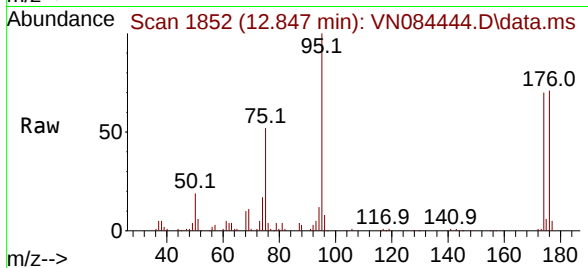
TB100824

Tgt Ion: 75 Resp: 57463

Ion Ratio Lower Upper

75 100

77 1.3 96.9 290.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 72.900 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN084444.D

Acq: 21 Oct 2024 18:28

Tgt Ion: 75 Resp: 57463

Ion Ratio Lower Upper

75 100

53 0.0 78.0 117.0#

89 0.0 35.5 53.3#

