

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100124\
 Data File : VN084233.D
 Acq On : 01 Oct 2024 12:42
 Operator : JC\MD
 Sample : VN1001WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBL01

Quant Time: Oct 02 01:59:58 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

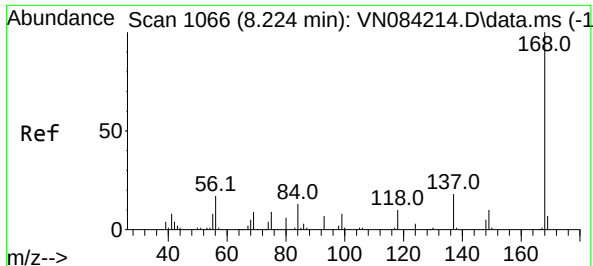
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	166360	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	290276	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	242952	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	92948	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	123587	50.104	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 100.200%		
35) Dibromofluoromethane	8.165	113	96114	50.225	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.440%		
50) Toluene-d8	10.565	98	347988	49.426	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 98.860%		
62) 4-Bromofluorobenzene	12.847	95	109011	42.500	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 85.000%		
Target Compounds						
					Qvalue	
31) Cyclohexane	8.224	56	4302	1.177	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	14924	5.369	ug/l #	50
38) Carbon Tetrachloride	8.224	117	18445	6.049	ug/l #	16
51) 4-Methyl-2-Pentanone	10.559	43	1644	0.606	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.159	63	619	0.428	ug/l #	48
71) Bromoform	12.847	173	549	0.402	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	58333	30.741	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	58333	73.700	ug/l #	11
95) Naphthalene	15.641	128	1232	0.240	ug/l #	69

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

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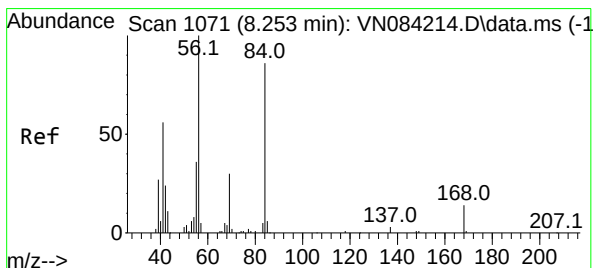
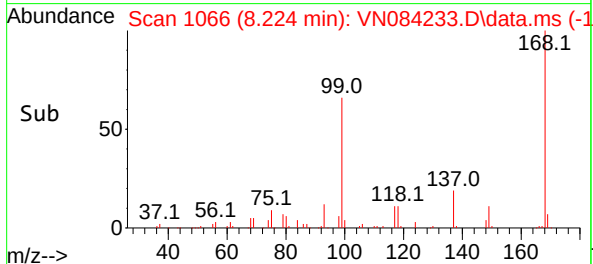
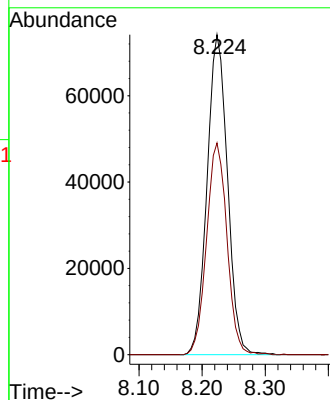
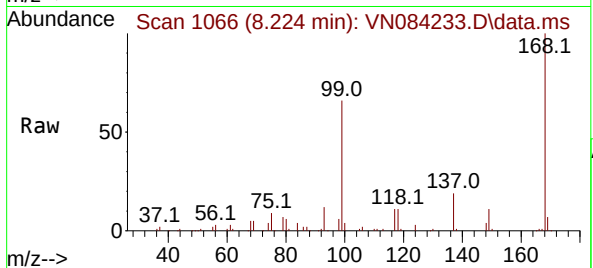




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084233.D
Acq: 01 Oct 2024 12:42

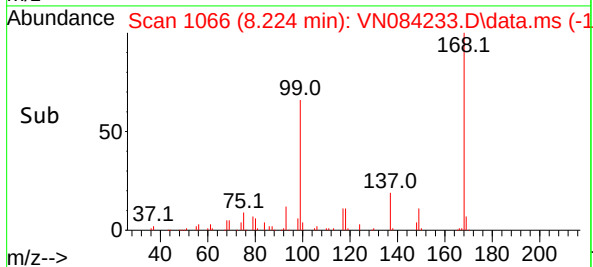
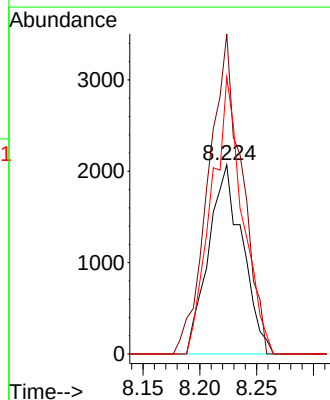
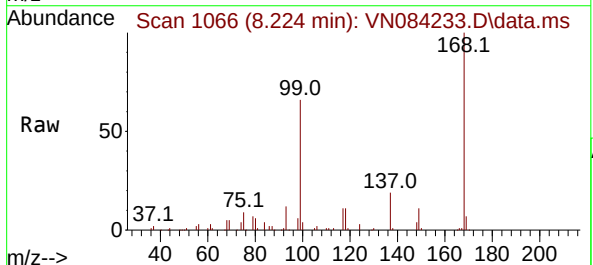
Instrument :
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VN1001WBL01

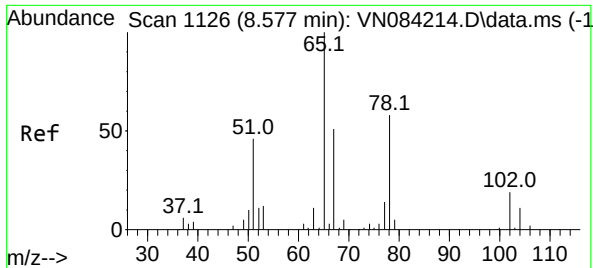
Tgt Ion:168 Resp: 166360
Ion Ratio Lower Upper
168 100
99 66.2 54.2 81.2



#31
Cyclohexane
Concen: 1.177 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.030 min
Lab File: VN084233.D
Acq: 01 Oct 2024 12:42

Tgt Ion: 56 Resp: 4302
Ion Ratio Lower Upper
56 100
69 169.1 23.8 35.6#
84 146.3 68.8 103.2#

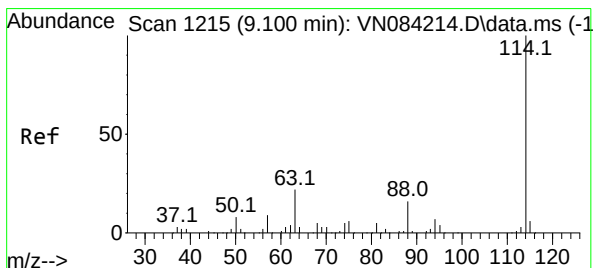
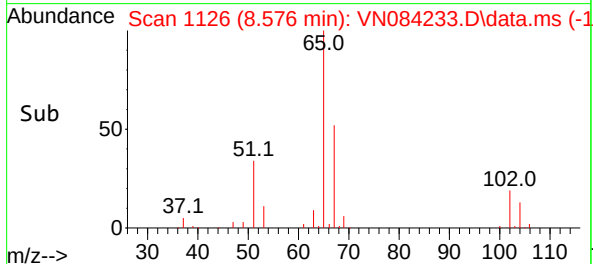
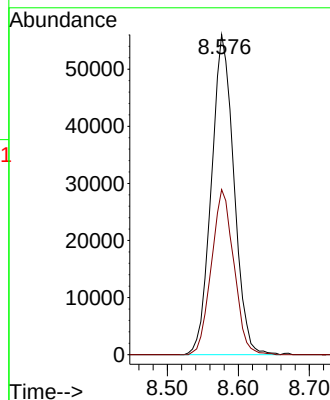
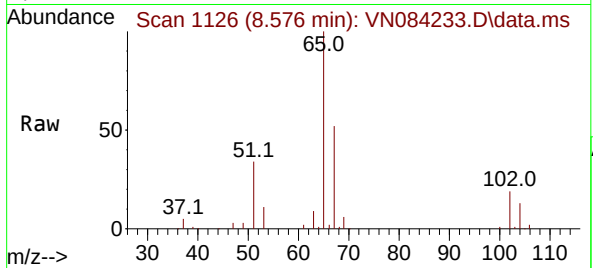




#33
 1,2-Dichloroethane-d4
 Concen: 50.104 ug/l
 RT: 8.576 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN084233.D
 Acq: 01 Oct 2024 12:42

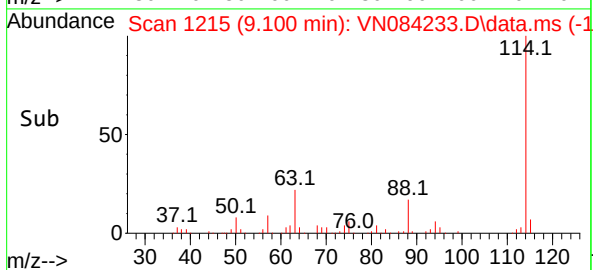
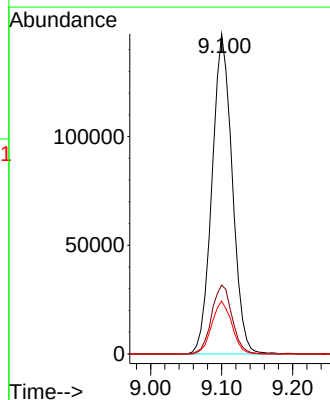
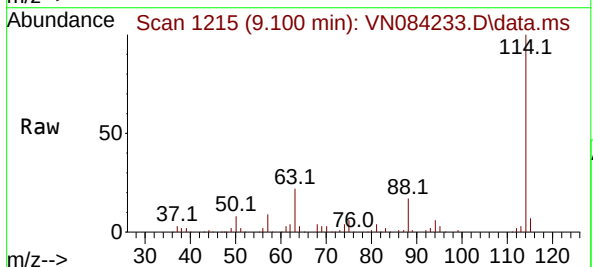
Instrument :
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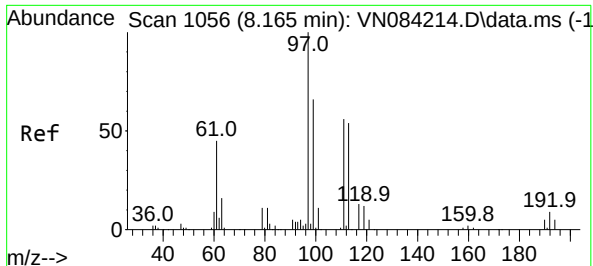
Tgt Ion: 65 Resp: 123587
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN084233.D
 Acq: 01 Oct 2024 12:42

Tgt Ion: 114 Resp: 290276
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 43.8
 88 16.6 0.0 31.6





#35

Dibromofluoromethane

Concen: 50.225 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084233.D

Acq: 01 Oct 2024 12:42

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBL01

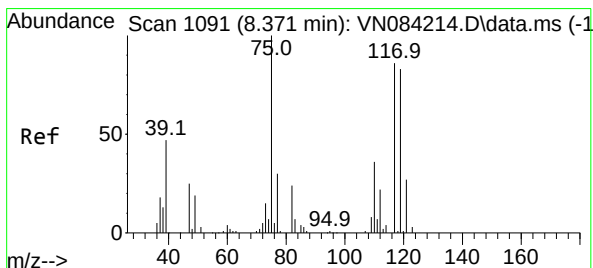
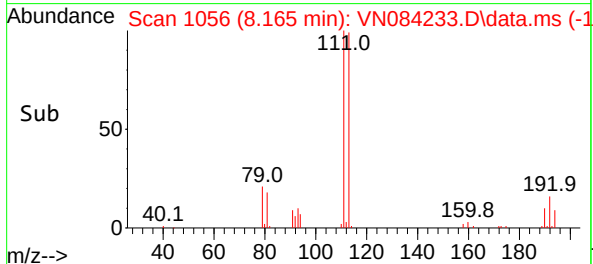
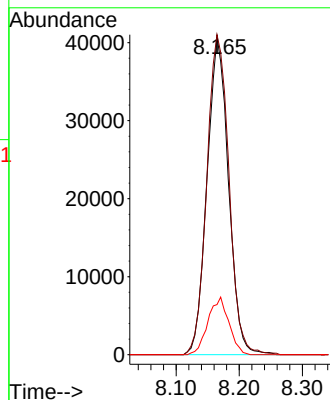
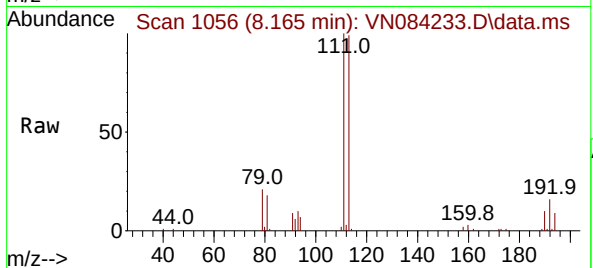
Tgt Ion:113 Resp: 96114

Ion Ratio Lower Upper

113 100

111 103.8 83.3 124.9

192 17.6 13.5 20.3



#36

1,1-Dichloropropene

Concen: 5.369 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084233.D

Acq: 01 Oct 2024 12:42

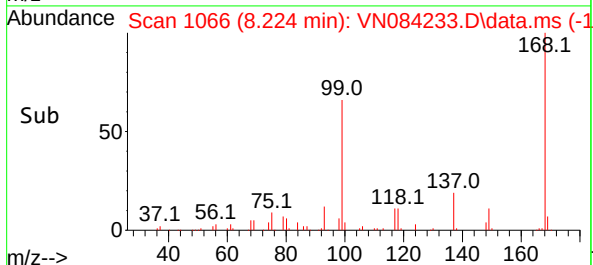
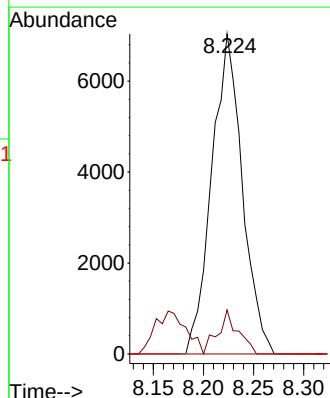
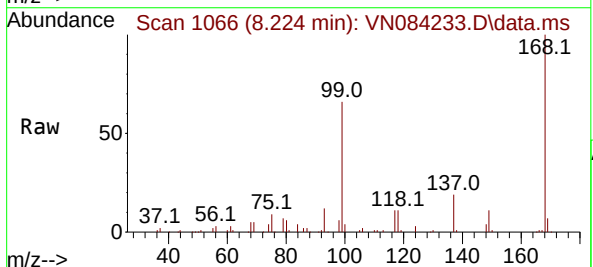
Tgt Ion: 75 Resp: 14924

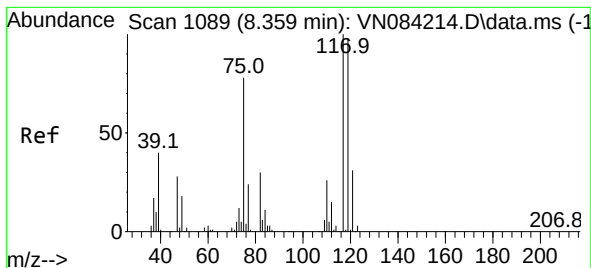
Ion Ratio Lower Upper

75 100

110 9.0 16.9 50.7#

77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.049 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN084233.D

Acq: 01 Oct 2024 12:42

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBL01

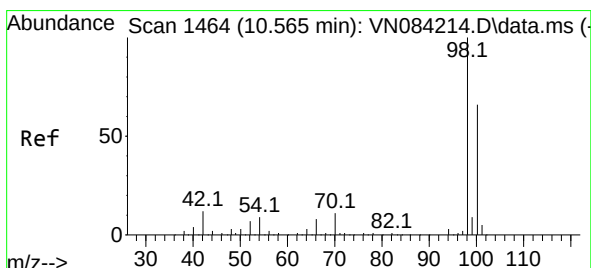
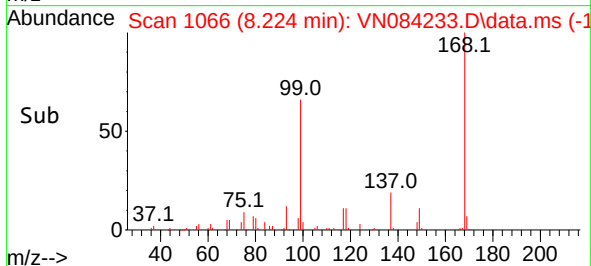
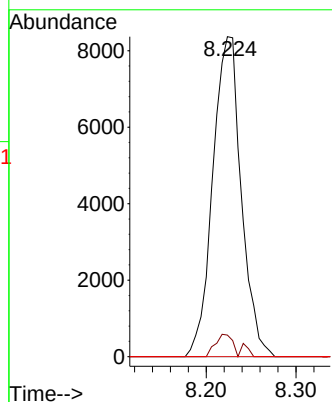
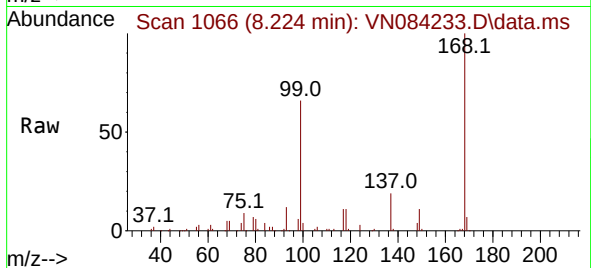
Tgt Ion:117 Resp: 18445

Ion Ratio Lower Upper

117 100

119 6.8 78.7 118.1#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 49.426 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084233.D

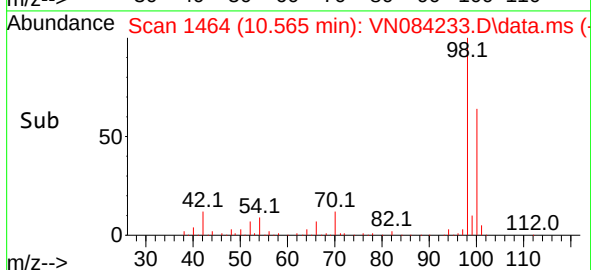
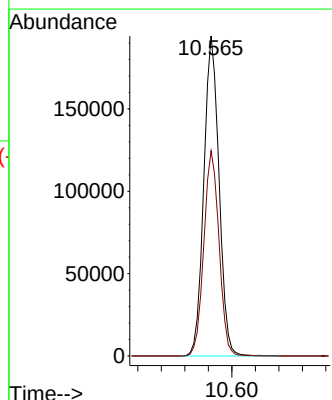
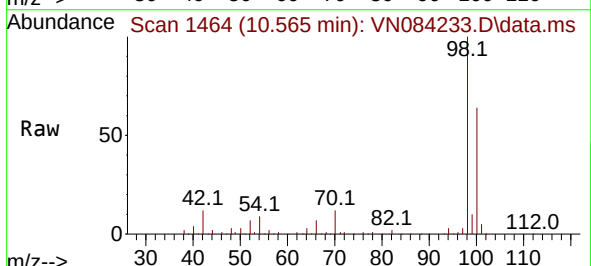
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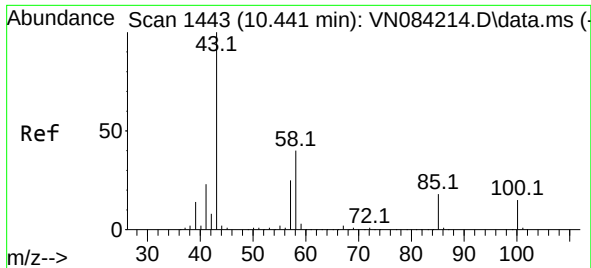
Tgt Ion: 98 Resp: 347988

Ion Ratio Lower Upper

98 100

100 64.0 52.7 79.1

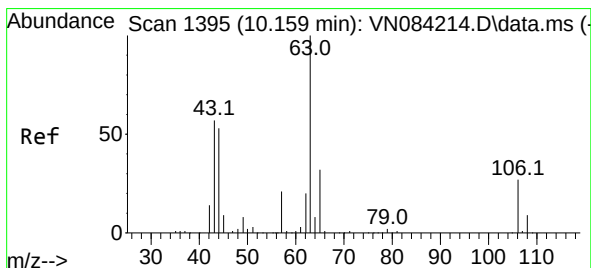
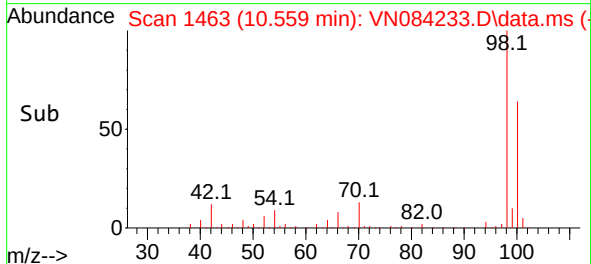
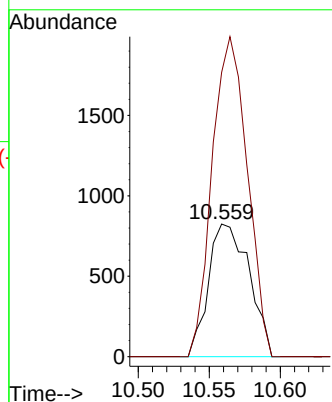
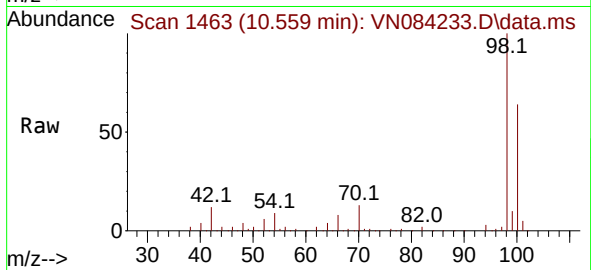




#51
4-Methyl-2-Pentanone
Concen: 0.606 ug/l
RT: 10.559 min Scan# 1443
Delta R.T. 0.117 min
Lab File: VN084233.D
Acq: 01 Oct 2024 12:42

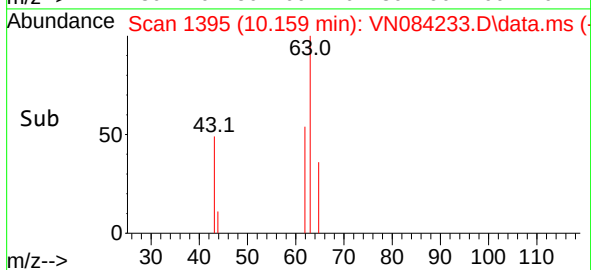
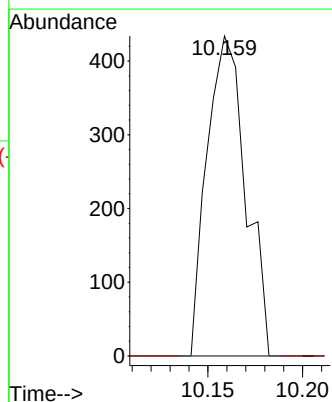
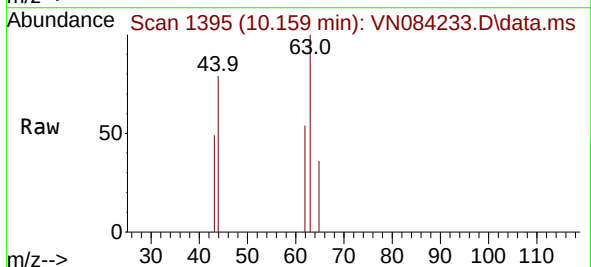
Instrument :
MSVOA_N
ClientSampleId :
VN1001WBL01

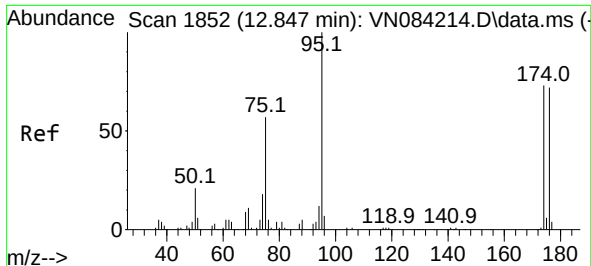
Tgt Ion: 43 Resp: 1644
Ion Ratio Lower Upper
43 100
58 209.1 31.6 47.4#



#58
2-Chloroethyl Vinyl ether
Concen: 0.428 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN084233.D
Acq: 01 Oct 2024 12:42

Tgt Ion: 63 Resp: 619
Ion Ratio Lower Upper
63 100
106 0.0 21.8 32.6#

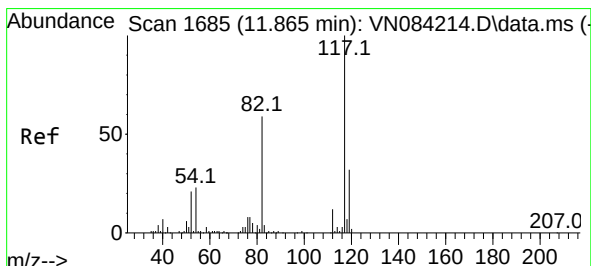
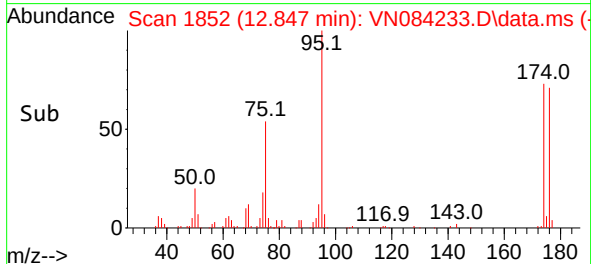
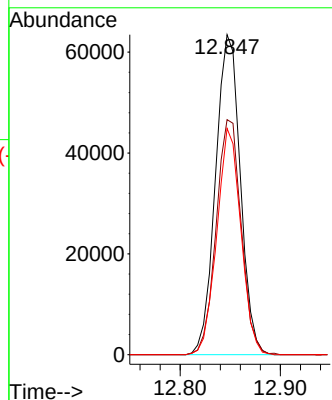
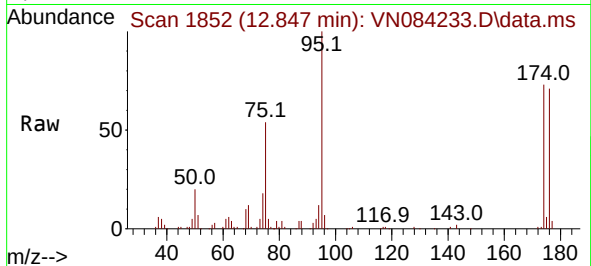




#62
4-Bromofluorobenzene
Concen: 42.500 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084233.D
Acq: 01 Oct 2024 12:42

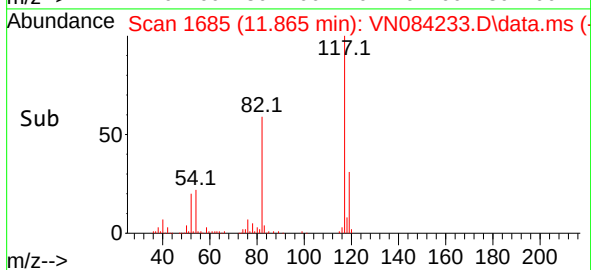
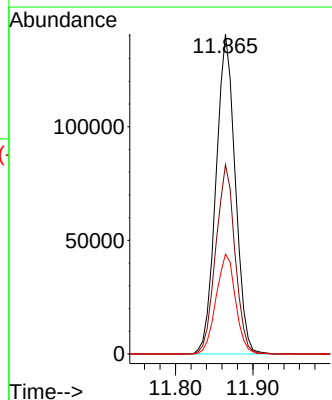
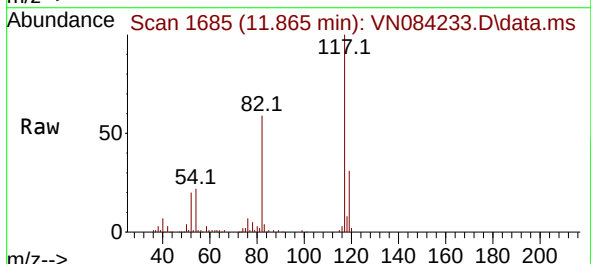
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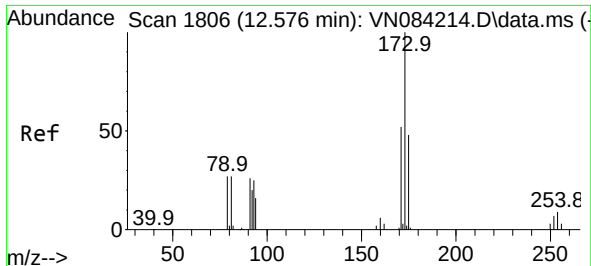
Tgt Ion: 95 Resp: 109011
Ion Ratio Lower Upper
95 100
174 74.2 0.0 145.2
176 68.5 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084233.D
Acq: 01 Oct 2024 12:42

Tgt Ion: 117 Resp: 242952
Ion Ratio Lower Upper
117 100
82 59.1 47.2 70.8
119 31.2 25.4 38.0

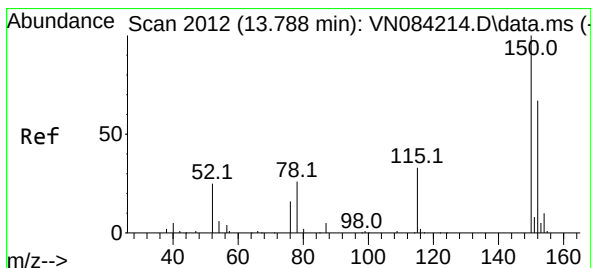
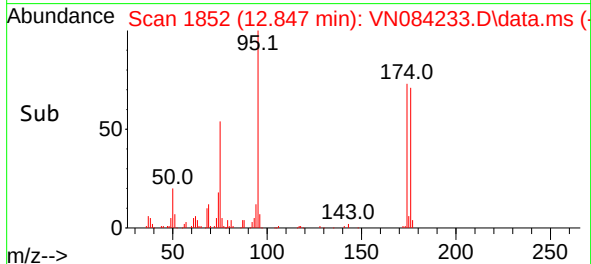
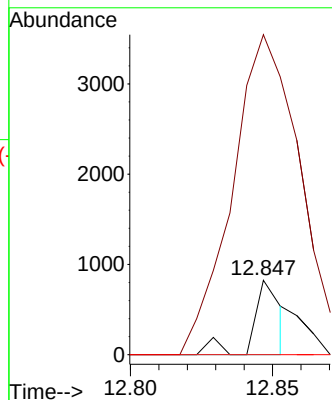
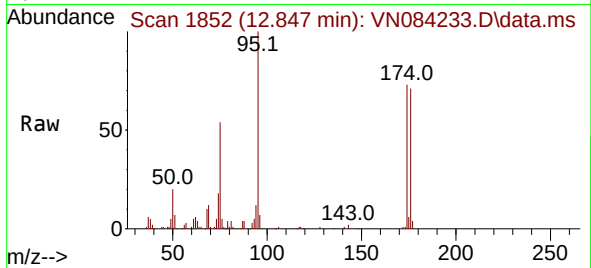




#71
Bromoform
Concen: 0.402 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.270 min
Lab File: VN084233.D
Acq: 01 Oct 2024 12:42

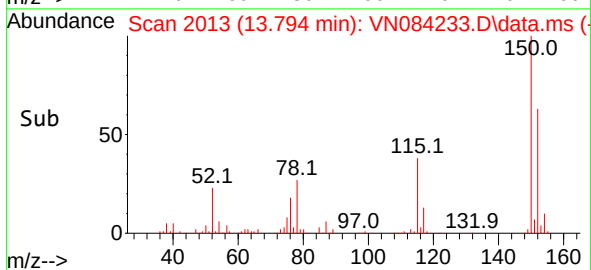
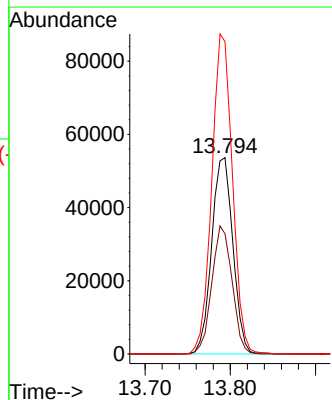
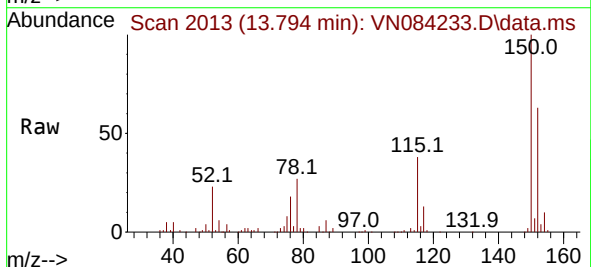
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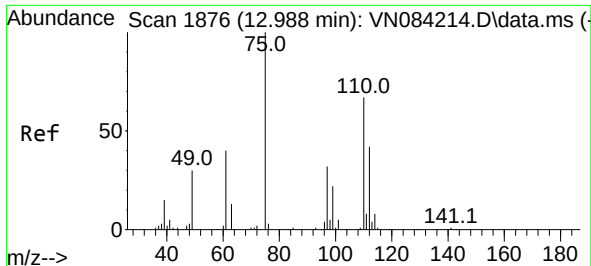
Tgt Ion:173 Resp: 549
Ion Ratio Lower Upper
173 100
175 804.0 23.5 70.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN084233.D
Acq: 01 Oct 2024 12:42

Tgt Ion:152 Resp: 92948
Ion Ratio Lower Upper
152 100
115 62.1 31.3 93.9
150 158.3 0.0 349.8

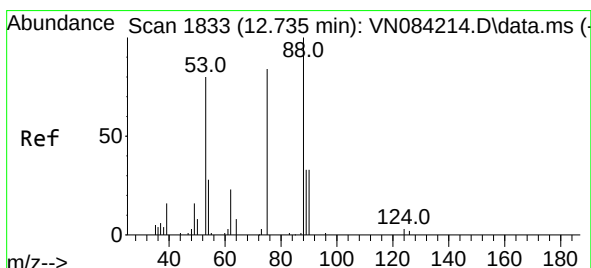
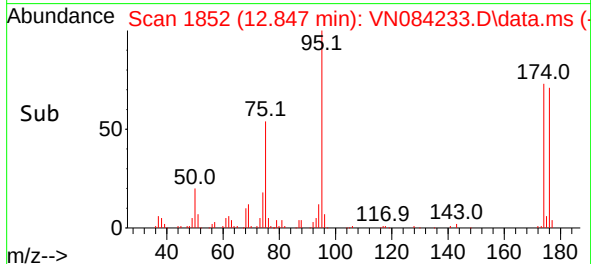
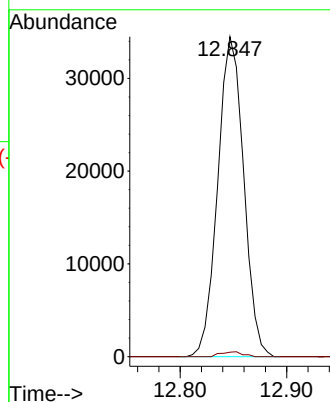
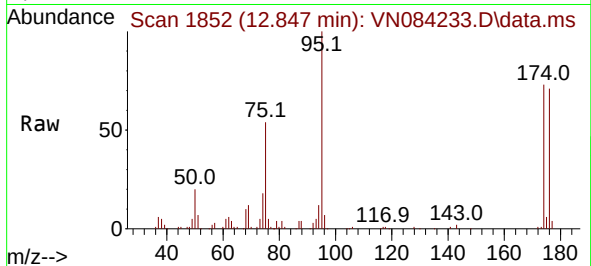




#76
1,2,3-Trichloropropane
Concen: 30.741 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084233.D
Acq: 01 Oct 2024 12:42

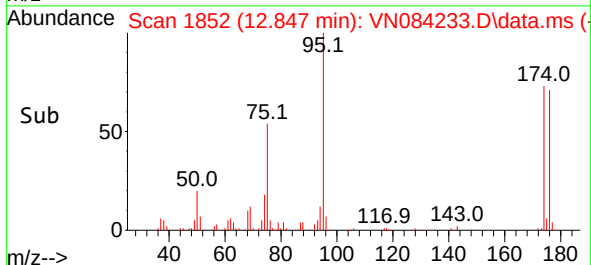
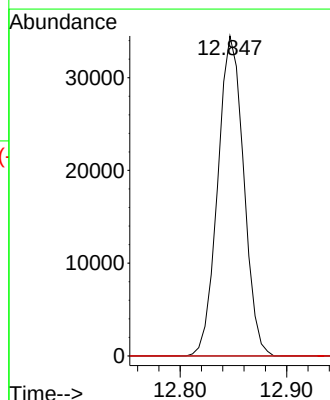
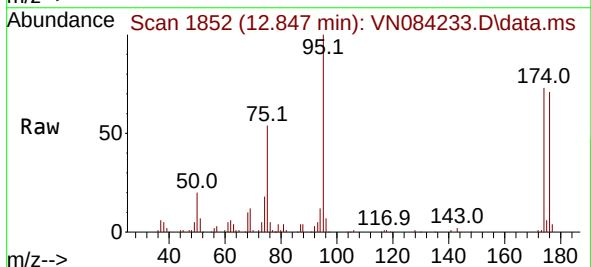
Instrument :
MSVOA_N
ClientSampleId :
VN1001WBL01

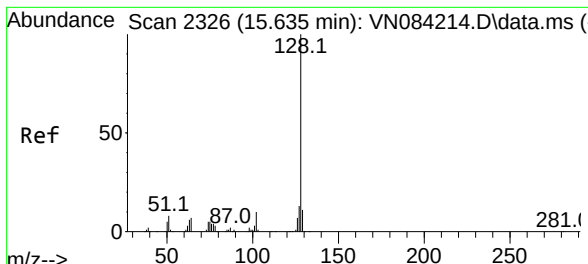
Tgt Ion: 75 Resp: 58333
Ion Ratio Lower Upper
75 100
77 1.3 96.9 290.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.700 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084233.D
Acq: 01 Oct 2024 12:42

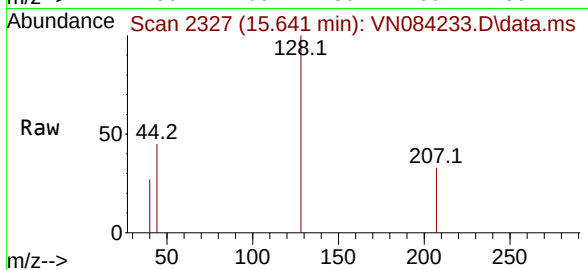
Tgt Ion: 75 Resp: 58333
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#





#95
 Naphthalene
 Concen: 0.240 ug/l
 RT: 15.641 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN084233.D
 Acq: 01 Oct 2024 12:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBL01



Tgt Ion:	128	Resp:	1232
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	0.0	8.7	13.1#

