

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100124\
 Data File : VN084239.D
 Acq On : 01 Oct 2024 15:06
 Operator : JC\MD
 Sample : P4116-25DL 40X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 02 02:03:27 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)

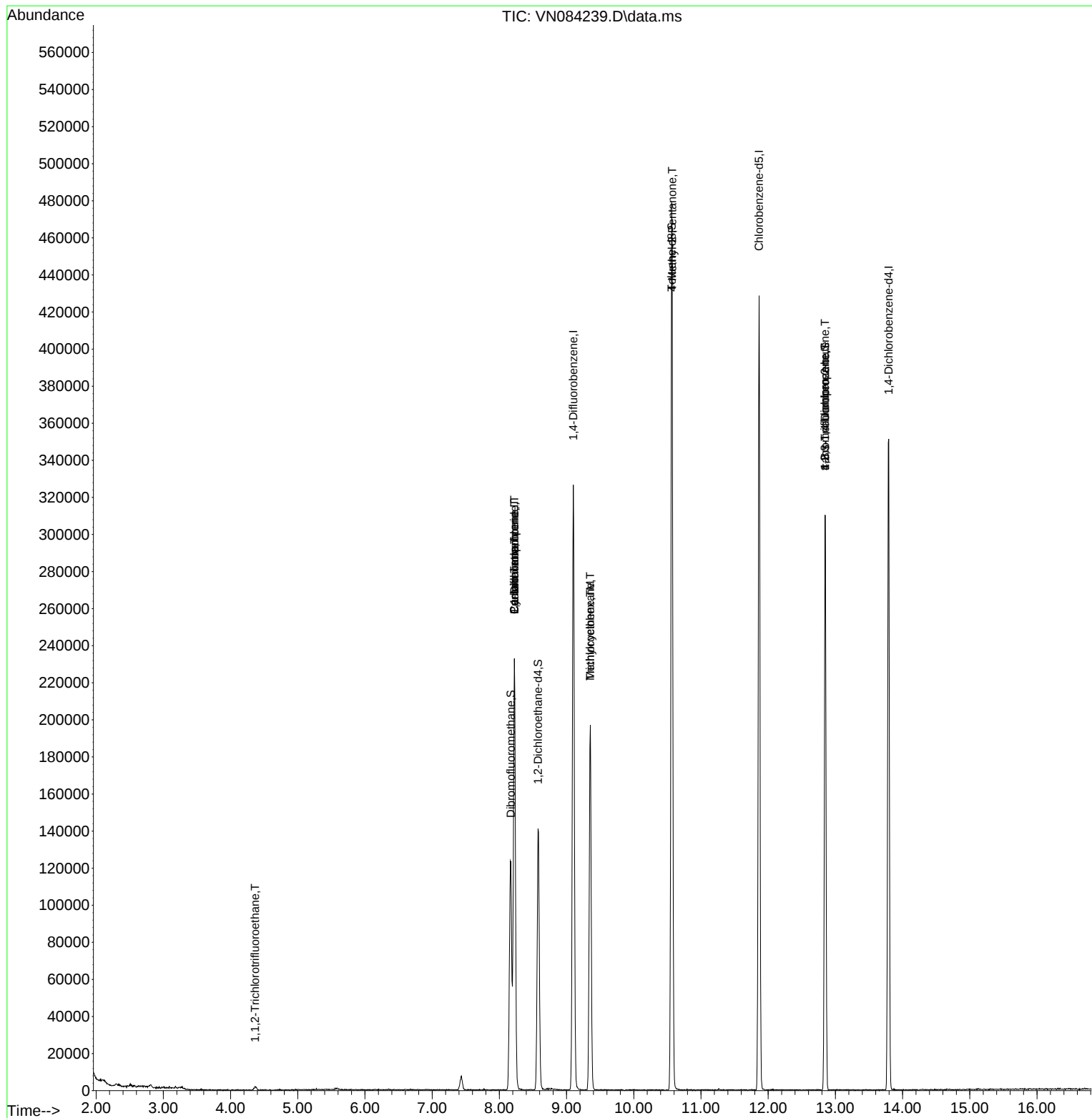
Internal Standards						
1) Pentafluorobenzene	8.224	168	156955	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	275229	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	236926	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	94565	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	116703	50.148	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 100.300%		
35) Dibromofluoromethane	8.171	113	91852	50.622	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.240%		
50) Toluene-d8	10.565	98	332288	49.776	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 99.560%		
62) 4-Bromofluorobenzene	12.847	95	107886	44.361	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 88.720%		
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	4.365	101	1526	0.833	ug/l #	43
31) Cyclohexane	8.224	56	3863	1.121	ug/l #	35
36) 1,1-Dichloropropene	8.224	75	14317	5.432	ug/l #	50
38) Carbon Tetrachloride	8.224	117	17837	6.170	ug/l #	14
39) Methylcyclohexane	9.353	83	1000	0.341	ug/l #	1
44) Trichloroethene	9.353	130	69928	36.461	ug/l	97
51) 4-Methyl-2-Pentanone	10.571	43	1521	0.591	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	56429	29.229	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	56429	70.076	ug/l #	11

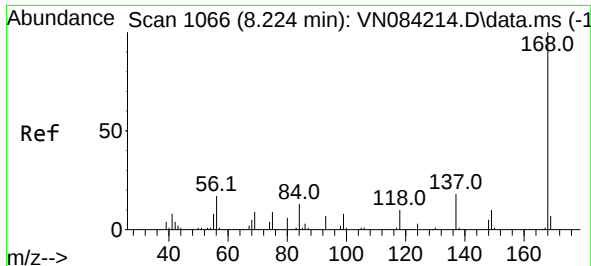
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100124\
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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

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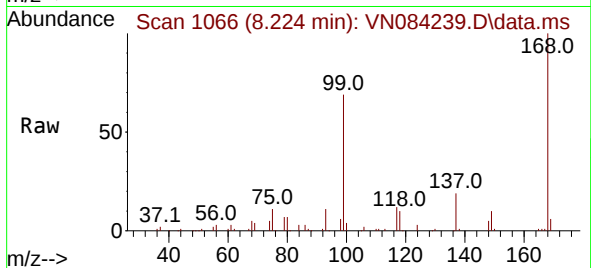
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
Response via : Initial Calibration



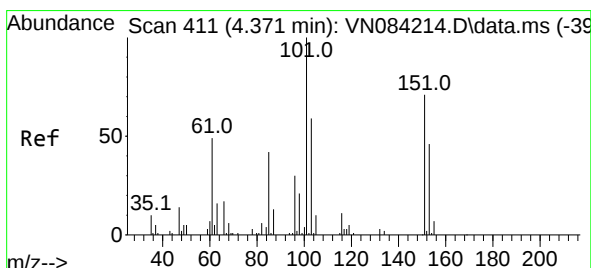
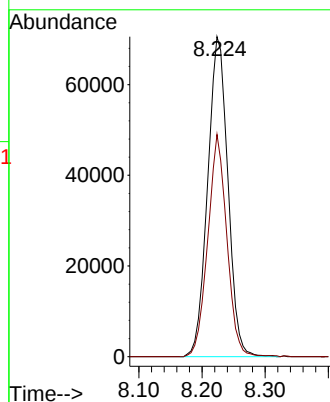
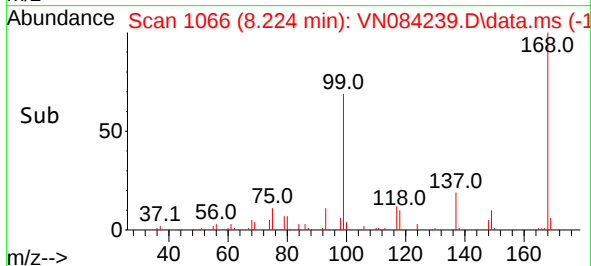


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084239.D
Acq: 01 Oct 2024 15:06

Instrument :
MSVOA_N
ClientSampleId :

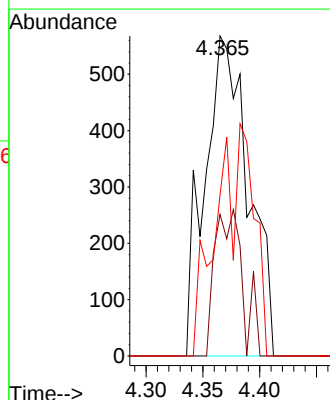
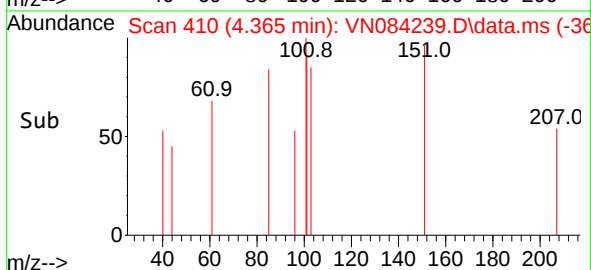
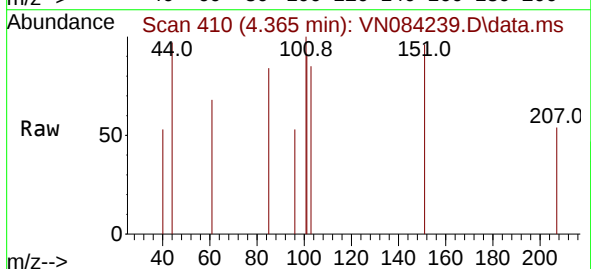


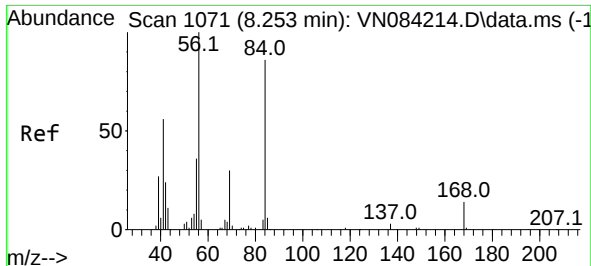
Tgt Ion:168 Resp: 156955
Ion Ratio Lower Upper
168 100
99 69.4 54.2 81.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.833 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.006 min
Lab File: VN084239.D
Acq: 01 Oct 2024 15:06

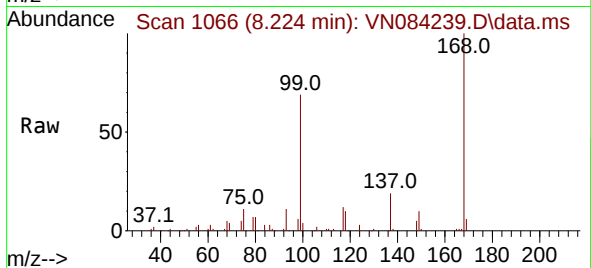
Tgt Ion:101 Resp: 1526
Ion Ratio Lower Upper
101 100
85 0.0 36.2 54.4#
151 31.9 59.3 88.9#



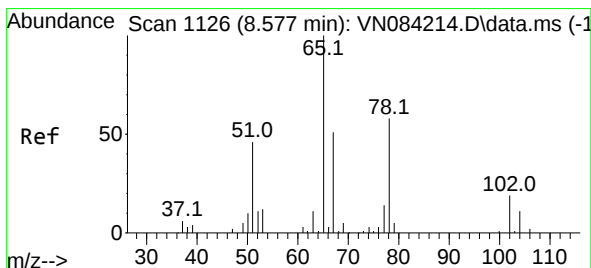
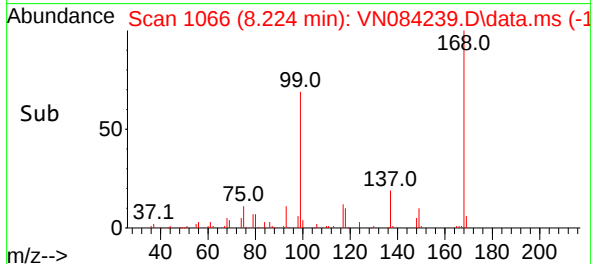
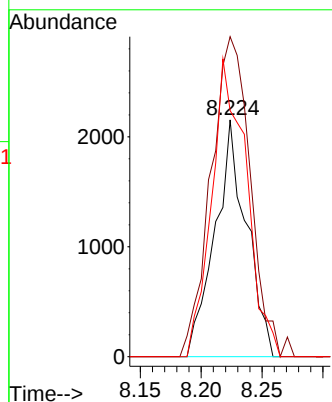


#31
Cyclohexane
Concen: 1.121 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084239.D
Acq: 01 Oct 2024 15:06

Instrument :
MSVOA_N
ClientSampleId :

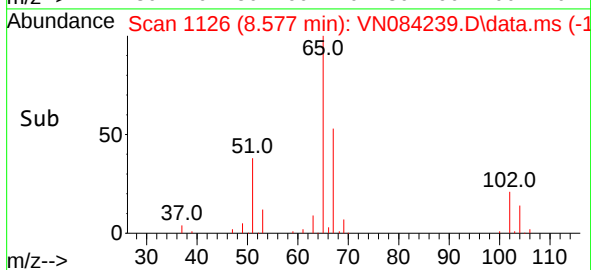
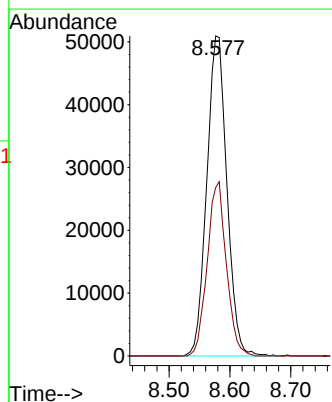
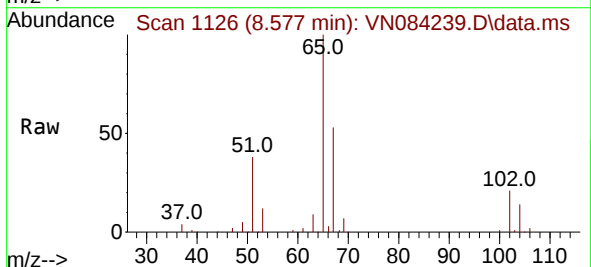


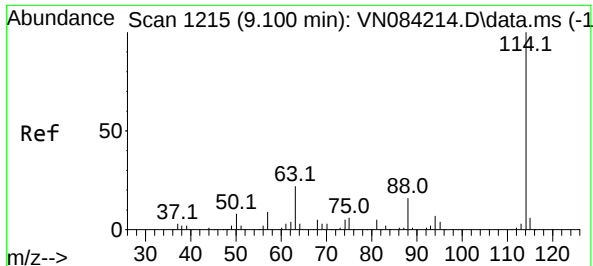
Tgt Ion: 56 Resp: 3863
Ion Ratio Lower Upper
56 100
69 135.1 23.8 35.6#
84 103.9 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 50.148 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084239.D
Acq: 01 Oct 2024 15:06

Tgt Ion: 65 Resp: 116703
Ion Ratio Lower Upper
65 100
67 51.8 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: VN084239.D

Acq: 01 Oct 2024 15:06

Instrument :

MSVOA_N

ClientSampleId :

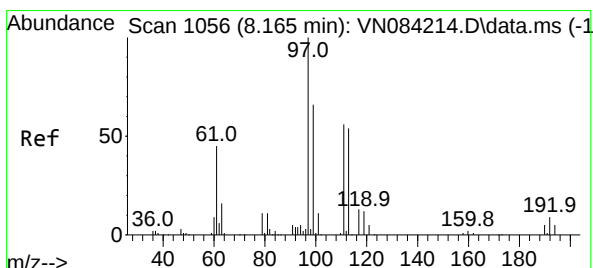
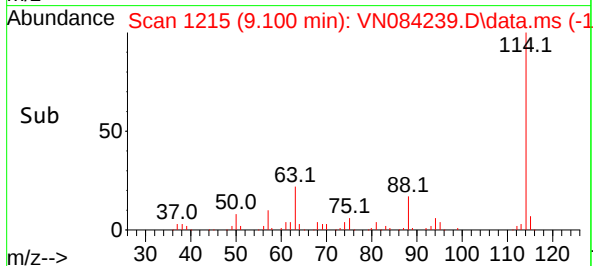
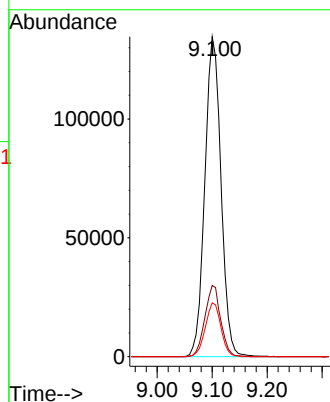
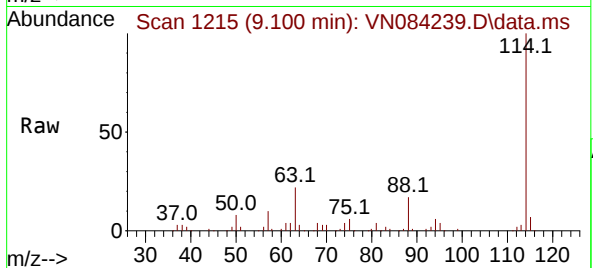
Tgt Ion:114 Resp: 275229

Ion Ratio Lower Upper

114 100

63 22.2 0.0 43.8

88 16.8 0.0 31.6



#35

Dibromofluoromethane

Concen: 50.622 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN084239.D

Acq: 01 Oct 2024 15:06

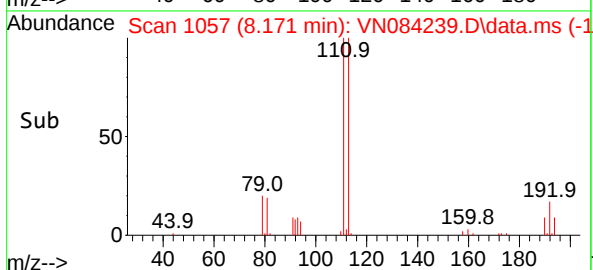
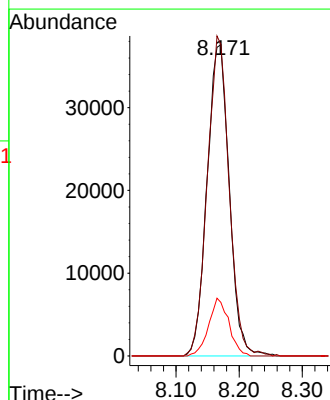
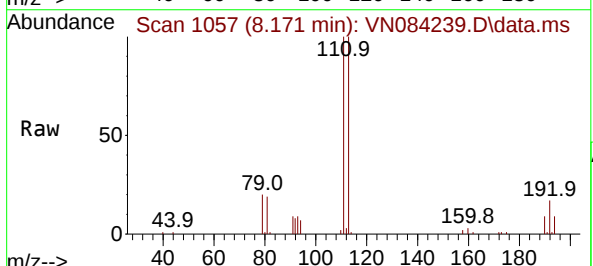
Tgt Ion:113 Resp: 91852

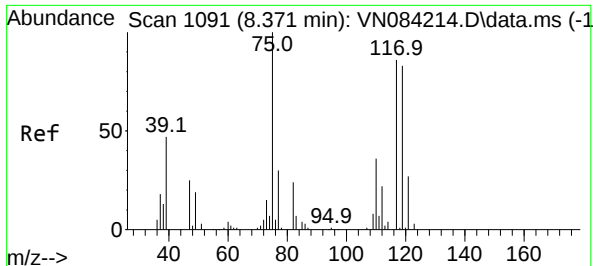
Ion Ratio Lower Upper

113 100

111 100.6 83.3 124.9

192 16.9 13.5 20.3





#36

1,1-Dichloropropene

Concen: 5.432 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

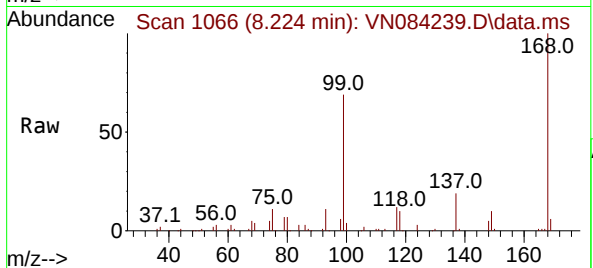
Lab File: VN084239.D

Acq: 01 Oct 2024 15:06

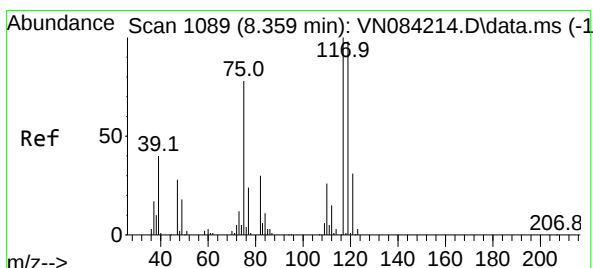
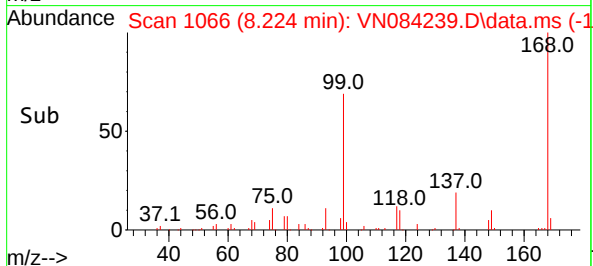
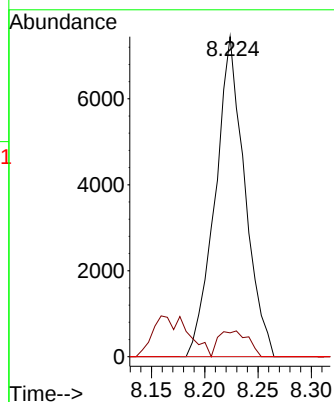
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	14317
Ion Ratio	Lower	Upper	
75	100		
110	8.1	16.9	50.7#
77	0.0	24.7	37.1#



#38

Carbon Tetrachloride

Concen: 6.170 ug/l

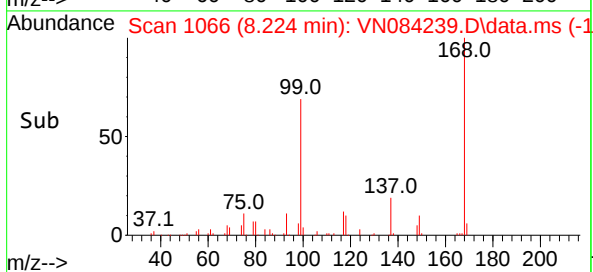
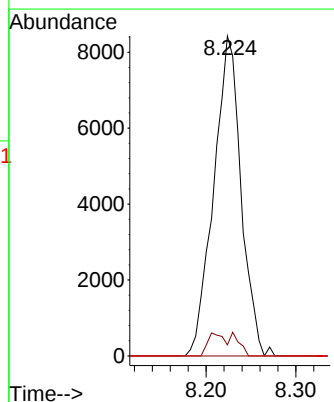
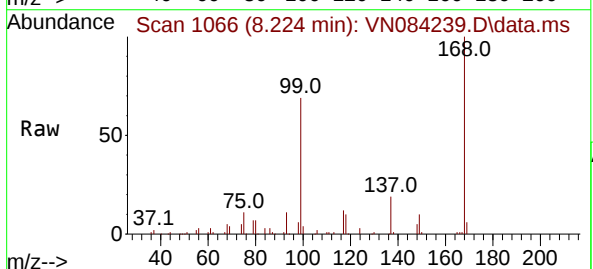
RT: 8.224 min Scan# 1066

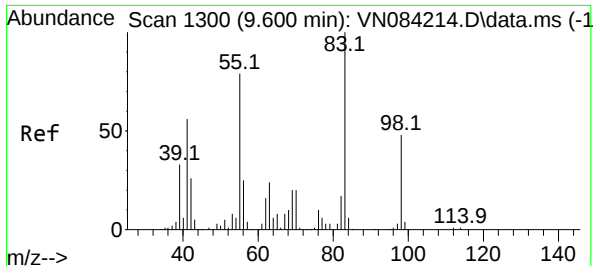
Delta R.T. -0.135 min

Lab File: VN084239.D

Acq: 01 Oct 2024 15:06

Tgt Ion:	117	Resp:	17837
Ion Ratio	Lower	Upper	
117	100		
119	3.5	78.7	118.1#
121	0.0	24.4	36.6#





#39

Methylcyclohexane

Concen: 0.341 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. -0.247 min

Lab File: VN084239.D

Acq: 01 Oct 2024 15:06

Instrument :

MSVOA_N

ClientSampleId :

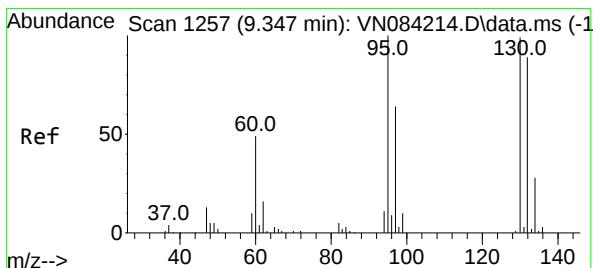
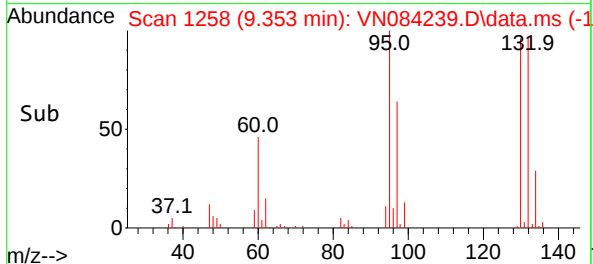
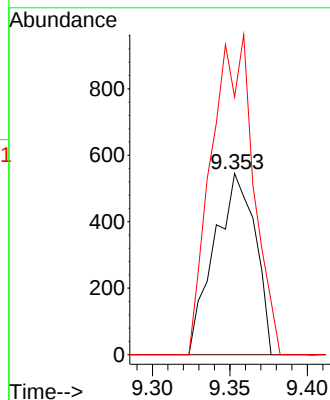
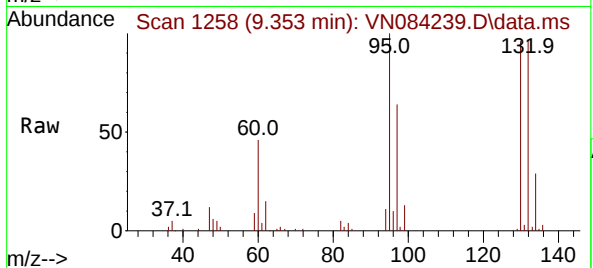
Tgt Ion: 83 Resp: 1000

Ion Ratio Lower Upper

83 100

55 0.0 62.8 94.2#

98 142.2 38.8 58.2#



#44

Trichloroethene

Concen: 36.461 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.006 min

Lab File: VN084239.D

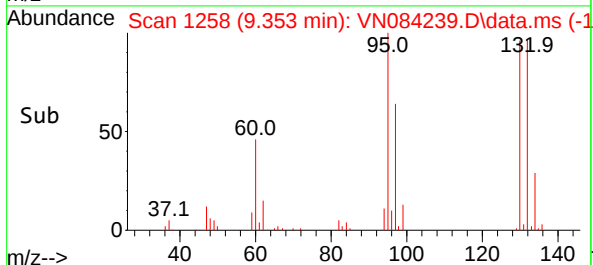
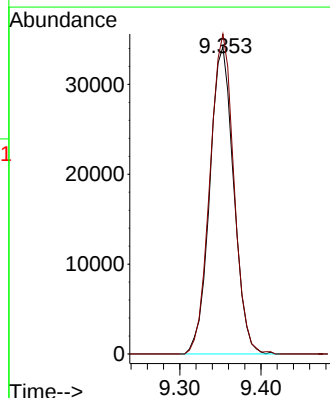
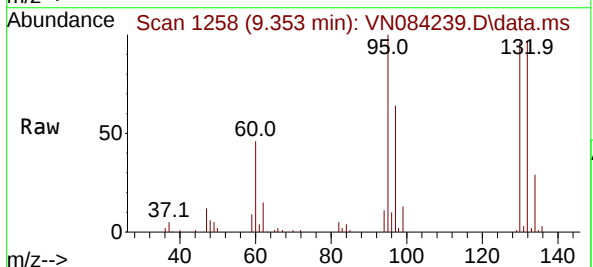
Acq: 01 Oct 2024 15:06

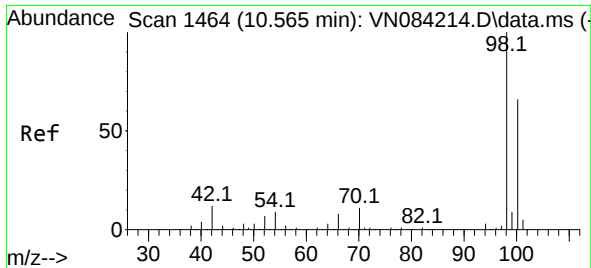
Tgt Ion:130 Resp: 69928

Ion Ratio Lower Upper

130 100

95 104.2 0.0 203.0

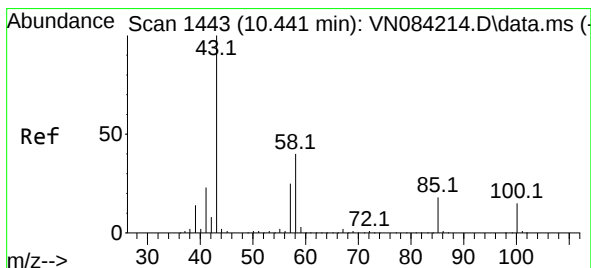
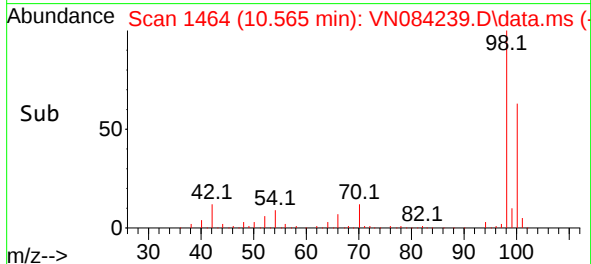
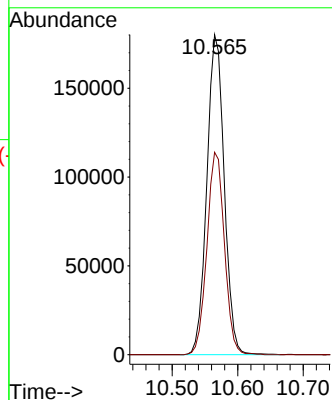
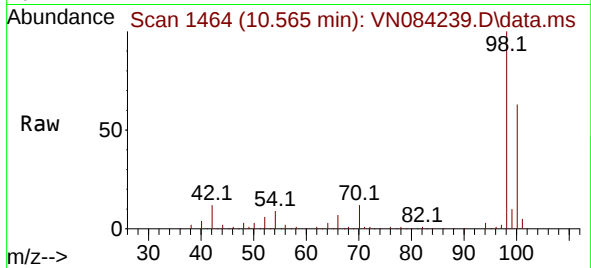




#50
Toluene-d8
Concen: 49.776 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084239.D
Acq: 01 Oct 2024 15:06

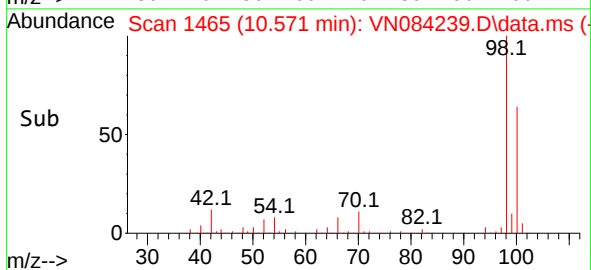
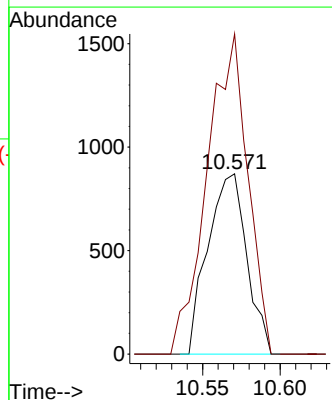
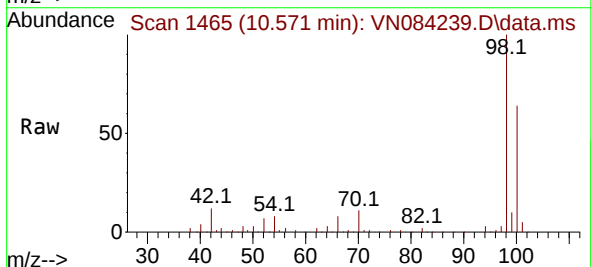
Instrument :
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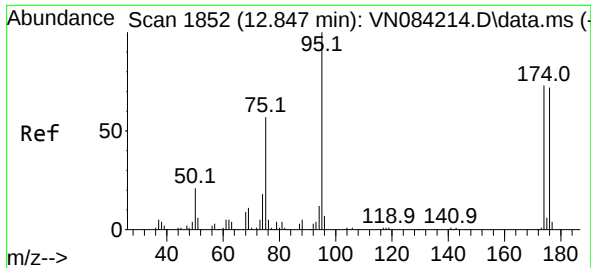
Tgt Ion: 98 Resp: 332288
Ion Ratio Lower Upper
98 100
100 63.7 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.591 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.129 min
Lab File: VN084239.D
Acq: 01 Oct 2024 15:06

Tgt Ion: 43 Resp: 1521
Ion Ratio Lower Upper
43 100
58 185.4 31.6 47.4#

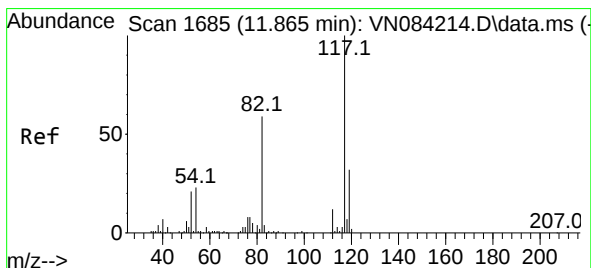
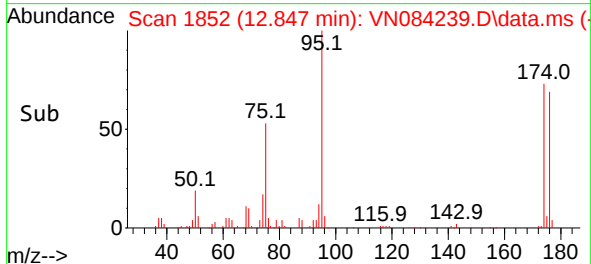
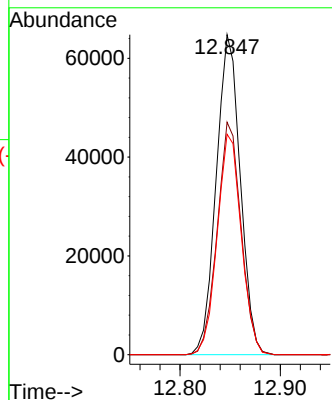
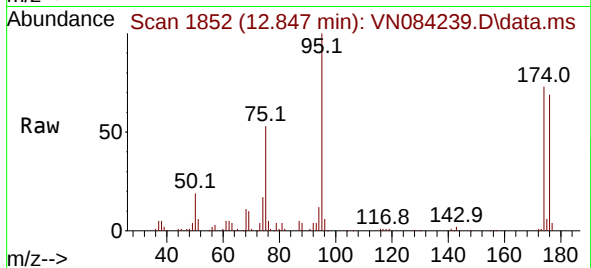




#62
4-Bromofluorobenzene
Concen: 44.361 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084239.D
Acq: 01 Oct 2024 15:06

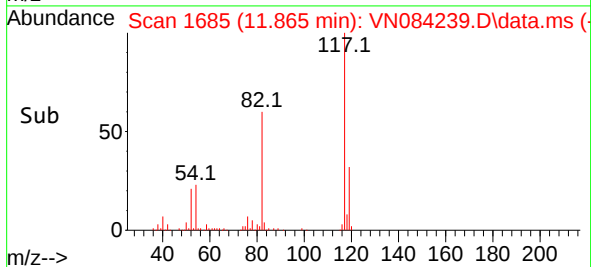
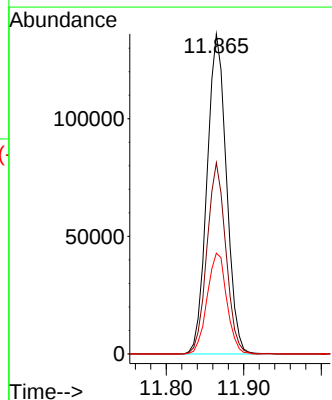
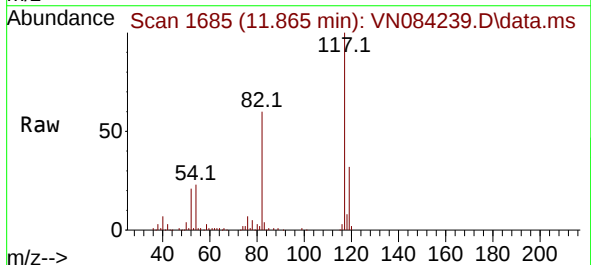
Instrument :
MSVOA_N
ClientSampleId :

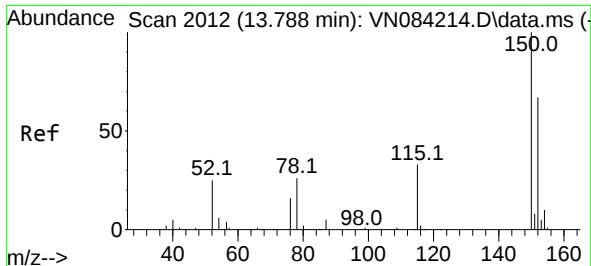
Tgt Ion: 95 Resp: 107886
Ion Ratio Lower Upper
95 100
174 72.1 0.0 145.2
176 69.0 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084239.D
Acq: 01 Oct 2024 15:06

Tgt Ion: 117 Resp: 236926
Ion Ratio Lower Upper
117 100
82 59.8 47.2 70.8
119 31.5 25.4 38.0

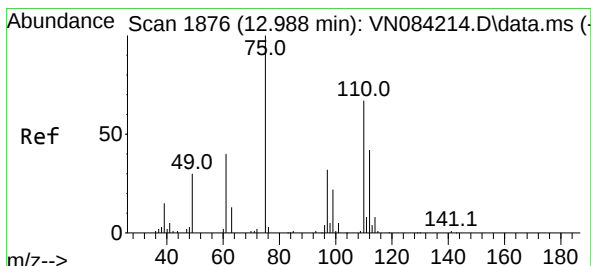
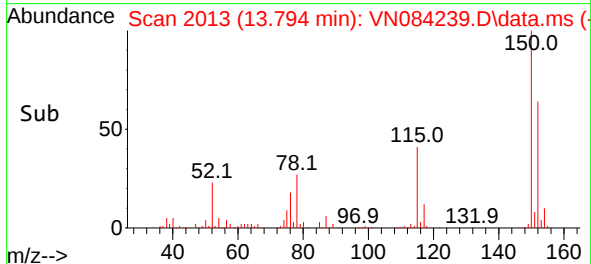
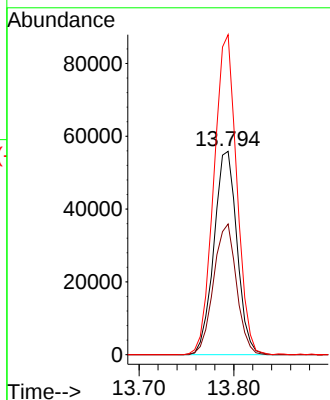
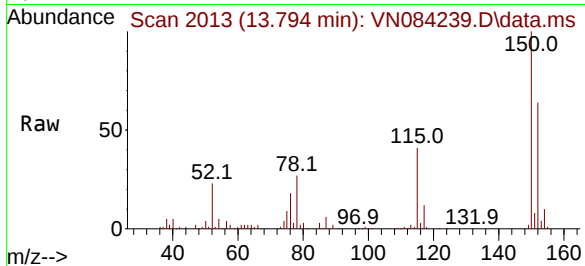




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN084239.D
 Acq: 01 Oct 2024 15:06

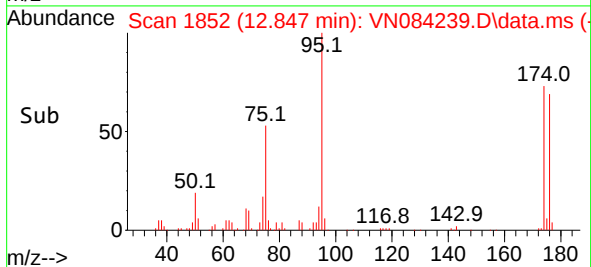
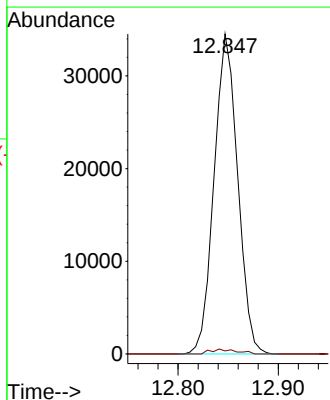
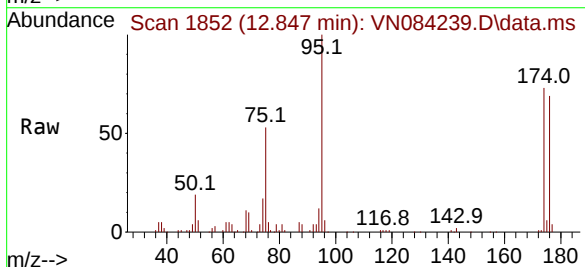
Instrument :
 MSVOA_N
 ClientSampleId :

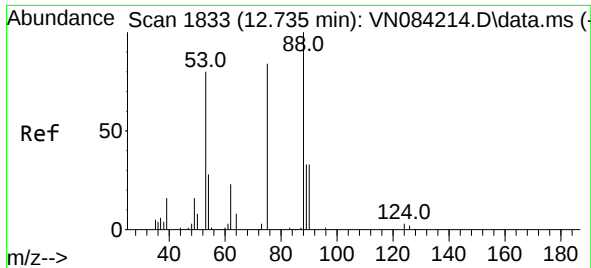
Tgt Ion:152 Resp: 94565
 Ion Ratio Lower Upper
 152 100
 115 64.0 31.3 93.9
 150 156.4 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 29.229 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN084239.D
 Acq: 01 Oct 2024 15:06

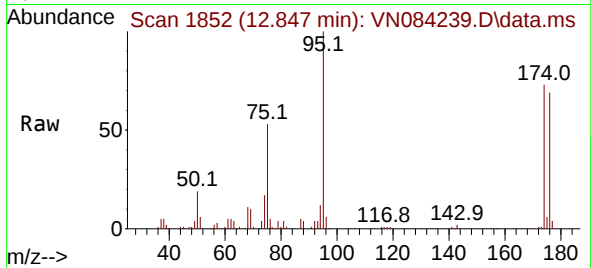
Tgt Ion: 75 Resp: 56429
 Ion Ratio Lower Upper
 75 100
 77 1.6 96.9 290.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.076 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN084239.D
 Acq: 01 Oct 2024 15:06

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 56429
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 35.5 53.3#

