

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100124\
 Data File : VN084240.D
 Acq On : 01 Oct 2024 15:30
 Operator : JC\MD
 Sample : P4116-26DL 40X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE132D7-20240918DL

Quant Time: Oct 02 02:03:50 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)

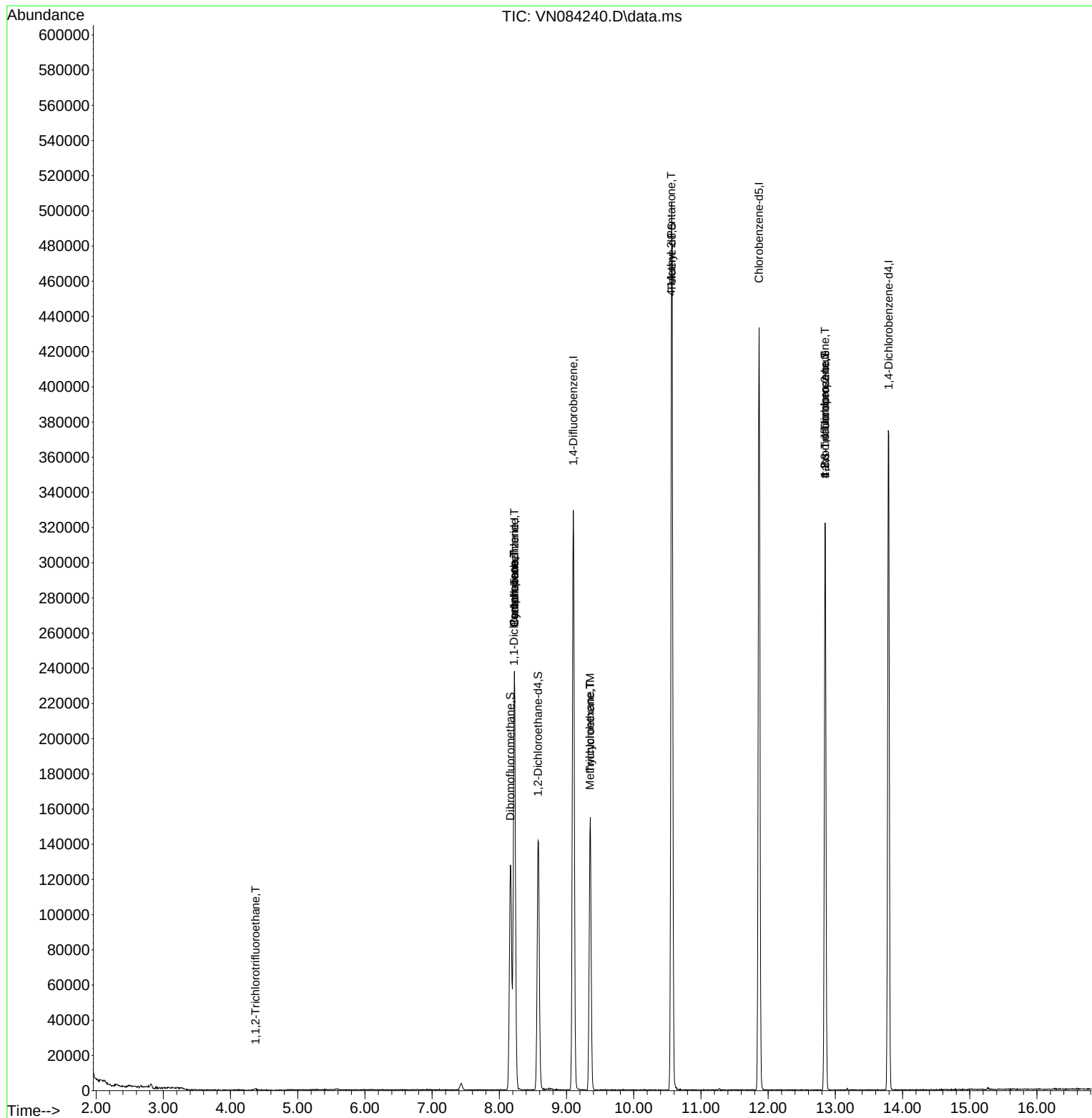
Internal Standards						
1) Pentafluorobenzene	8.224	168	164913	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	279442	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	242953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	102612	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	119229	48.762	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.520%		
35) Dibromofluoromethane	8.165	113	93256	50.621	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.240%		
50) Toluene-d8	10.565	98	343943	50.745	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.500%		
62) 4-Bromofluorobenzene	12.847	95	111307	45.077	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	90.160%		
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	4.371	101	921	0.478	ug/l #	50
31) Cyclohexane	8.224	56	3969	1.096	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	14876	5.559	ug/l #	50
38) Carbon Tetrachloride	8.224	117	18314	6.239	ug/l #	16
39) Methylcyclohexane	9.347	83	640	0.215	ug/l #	1
44) Trichloroethene	9.353	130	53021	27.228	ug/l	96
51) 4-Methyl-2-Pentanone	10.559	43	1514	0.579	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	59408	28.359	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	59408	67.989	ug/l #	11

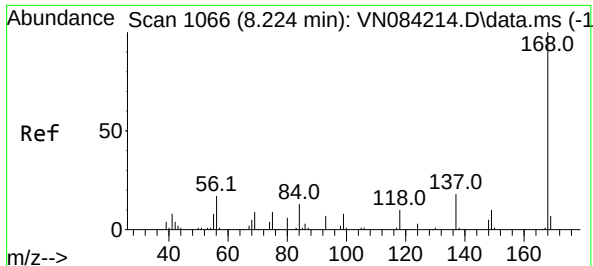
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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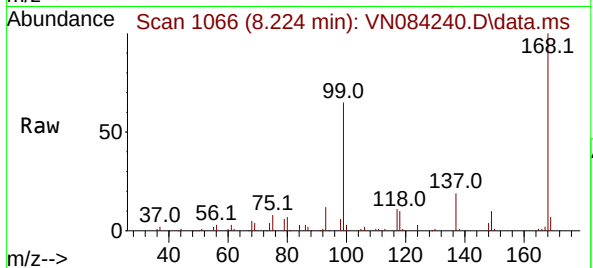
Quant Time: Oct 02 02:03:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
Response via : Initial Calibration



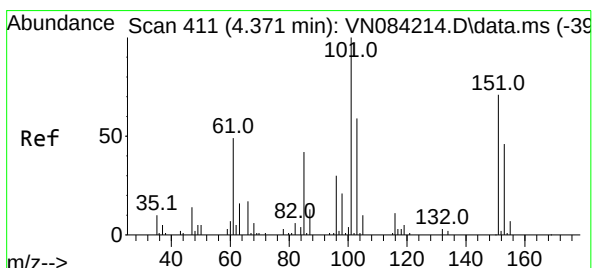
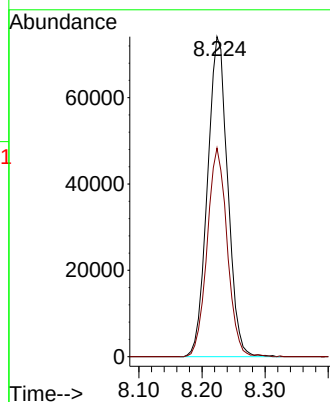
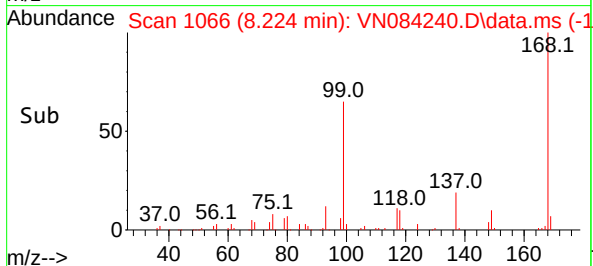


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084240.D
Acq: 01 Oct 2024 15:30

Instrument :
MSVOA_N
ClientSampleId :
RE132D7-20240918DL

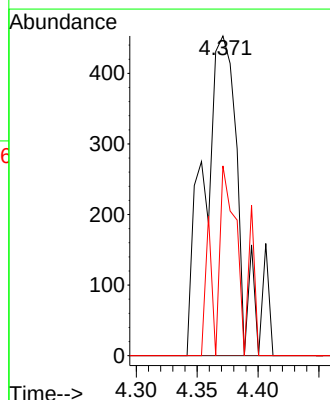
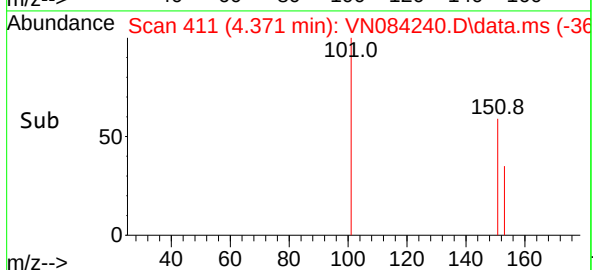
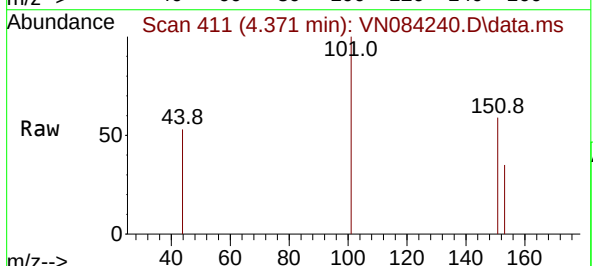


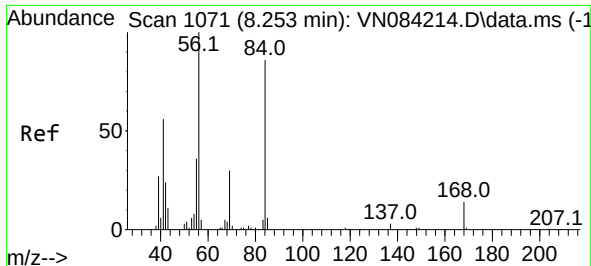
Tgt Ion:168 Resp: 164913
Ion Ratio Lower Upper
168 100
99 65.2 54.2 81.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.478 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN084240.D
Acq: 01 Oct 2024 15:30

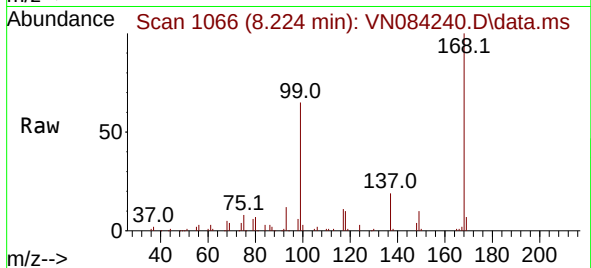
Tgt Ion:101 Resp: 921
Ion Ratio Lower Upper
101 100
85 0.0 36.2 54.4#
151 41.3 59.3 88.9#



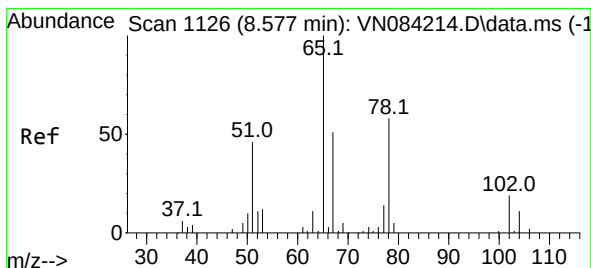
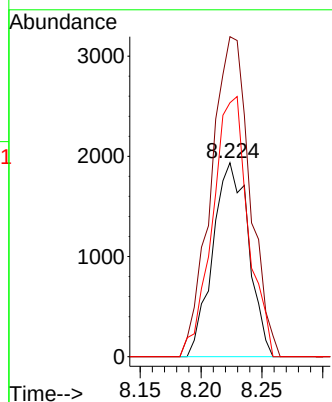
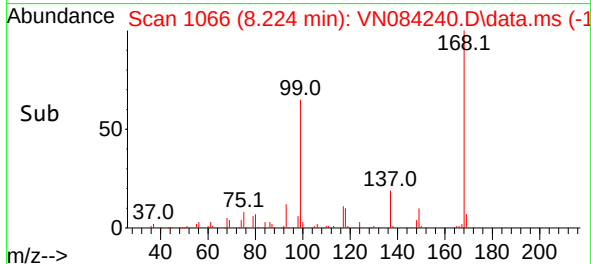


#31
Cyclohexane
Concen: 1.096 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084240.D
Acq: 01 Oct 2024 15:30

Instrument :
MSVOA_N
ClientSampleId :
RE132D7-20240918DL

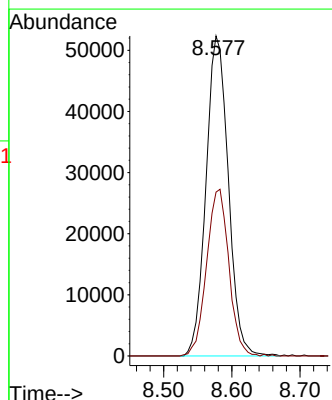
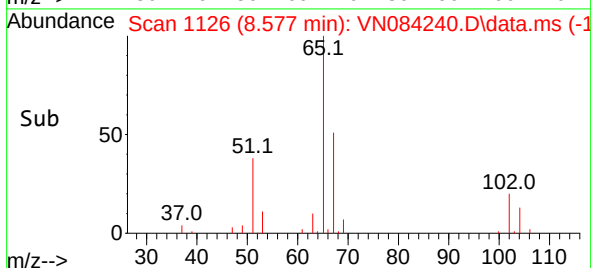
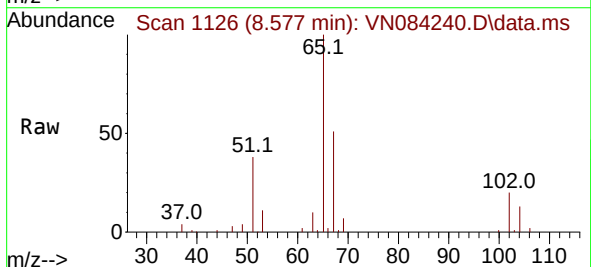


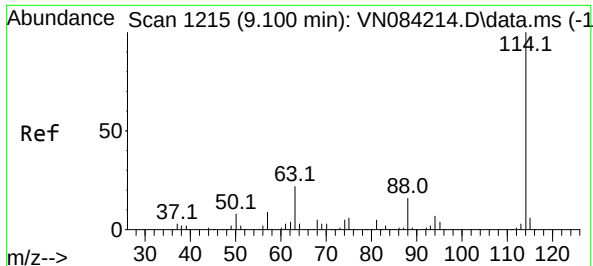
Tgt Ion: 56 Resp: 3969
Ion Ratio Lower Upper
56 100
69 165.0 23.8 35.6#
84 130.9 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 48.762 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084240.D
Acq: 01 Oct 2024 15:30

Tgt Ion: 65 Resp: 119229
Ion Ratio Lower Upper
65 100
67 51.9 0.0 102.0

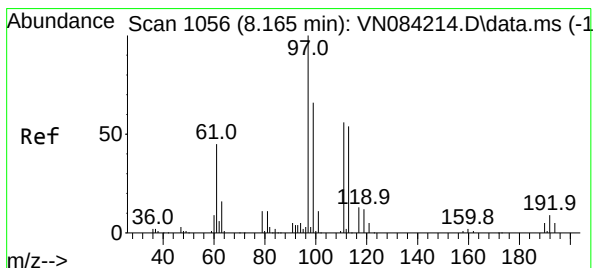
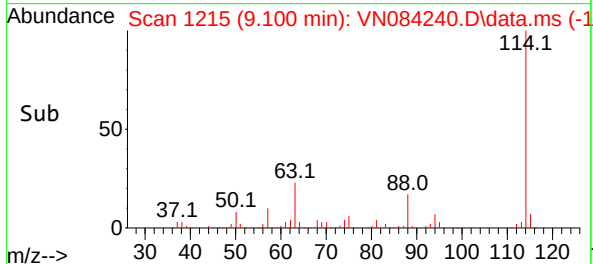
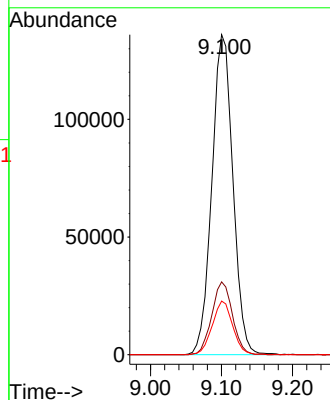
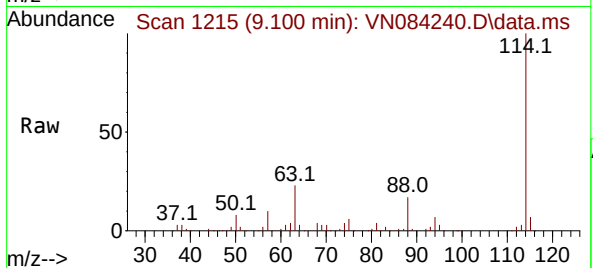




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084240.D
Acq: 01 Oct 2024 15:30

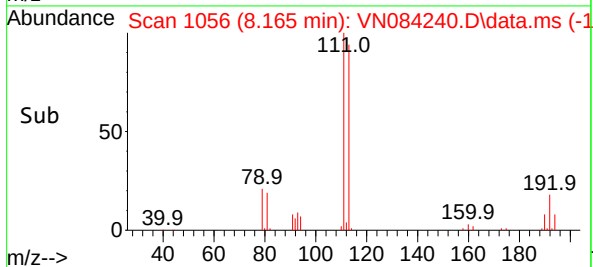
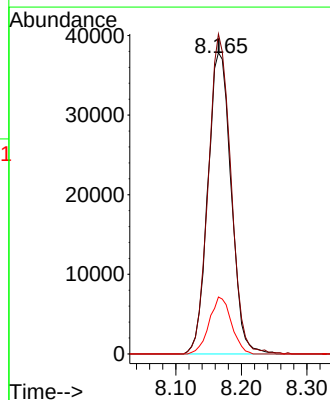
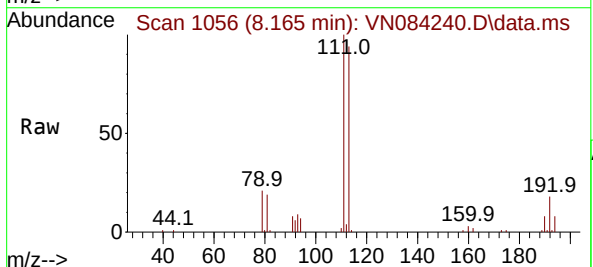
Instrument :
MSVOA_N
ClientSampleId :
RE132D7-20240918DL

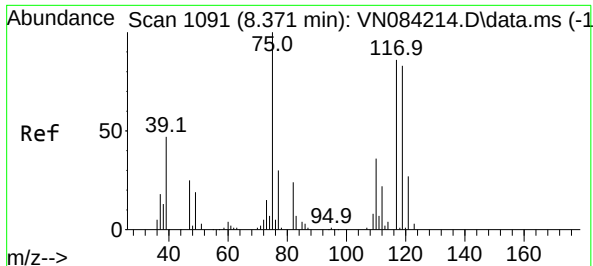
Tgt Ion:114 Resp: 279442
Ion Ratio Lower Upper
114 100
63 22.7 0.0 43.8
88 16.7 0.0 31.6



#35
Dibromofluoromethane
Concen: 50.621 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084240.D
Acq: 01 Oct 2024 15:30

Tgt Ion:113 Resp: 93256
Ion Ratio Lower Upper
113 100
111 103.1 83.3 124.9
192 18.0 13.5 20.3





#36

1,1-Dichloropropene

Concen: 5.559 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN084240.D

Acq: 01 Oct 2024 15:30

Instrument :

MSVOA_N

ClientSampleId :

RE132D7-20240918DL

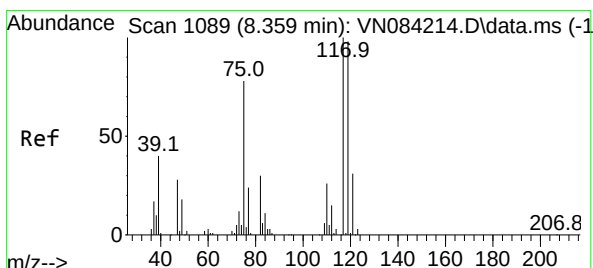
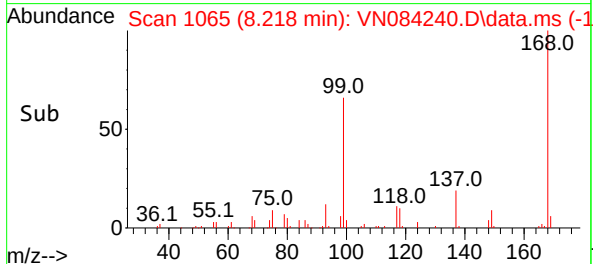
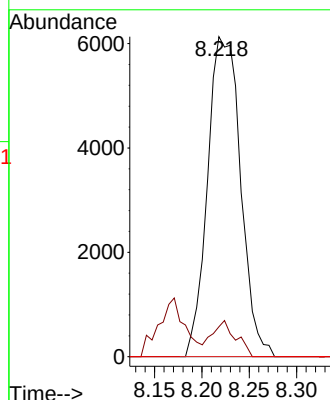
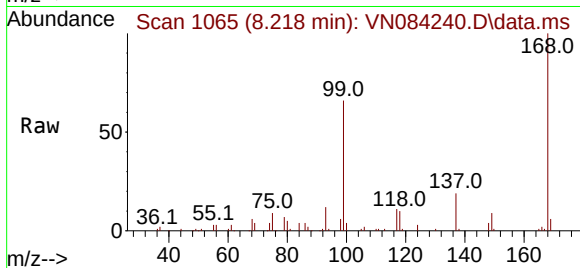
Tgt Ion: 75 Resp: 14876

Ion Ratio Lower Upper

75 100

110 8.1 16.9 50.7#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.239 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN084240.D

Acq: 01 Oct 2024 15:30

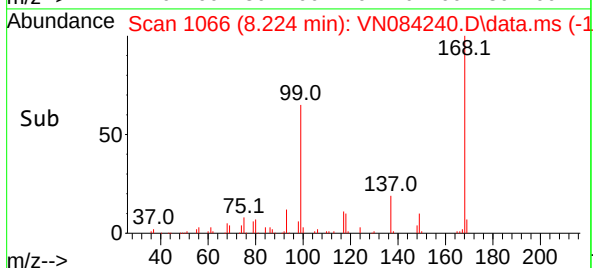
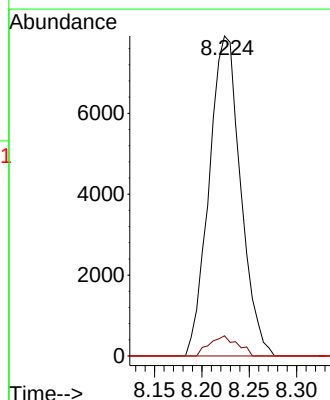
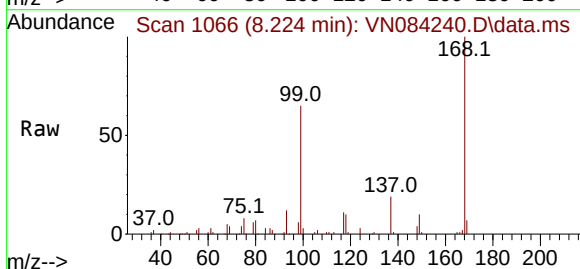
Tgt Ion: 117 Resp: 18314

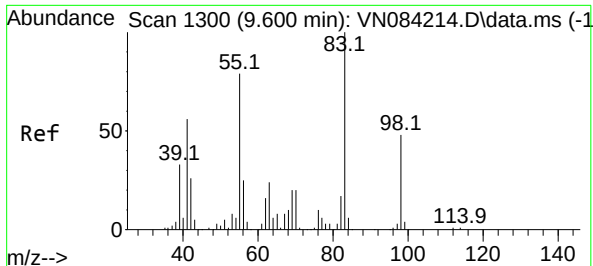
Ion Ratio Lower Upper

117 100

119 6.3 78.7 118.1#

121 0.0 24.4 36.6#





#39

Methylcyclohexane

Concen: 0.215 ug/l

RT: 9.347 min Scan# 11

Delta R.T. -0.253 min

Lab File: VN084240.D

Acq: 01 Oct 2024 15:30

Instrument :

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ClientSampleId :

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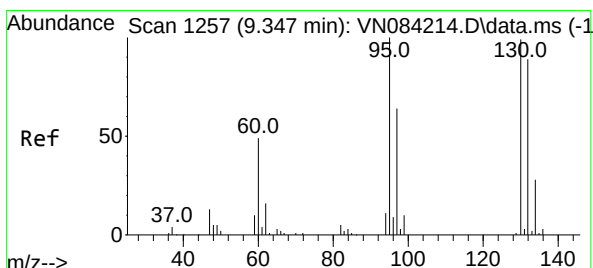
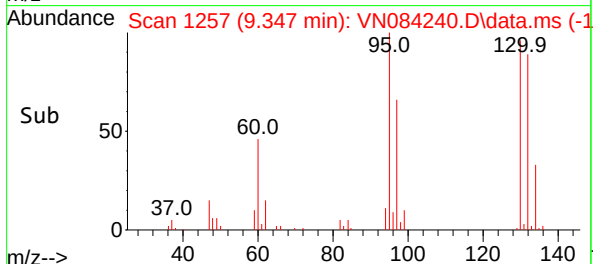
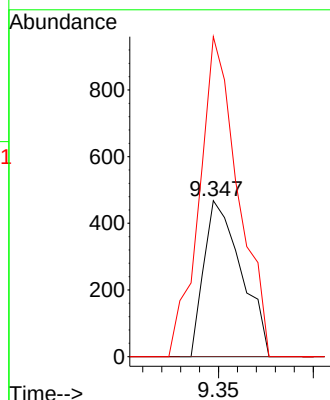
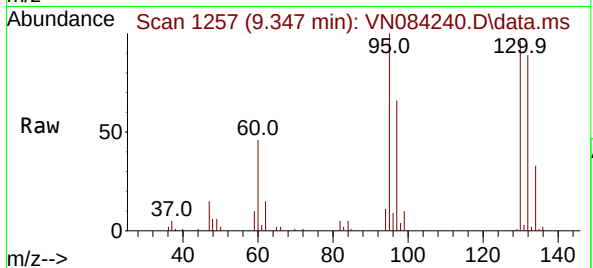
Tgt Ion: 83 Resp: 640

Ion Ratio Lower Upper

83 100

55 0.0 62.8 94.2#

98 205.1 38.8 58.2#



#44

Trichloroethene

Concen: 27.228 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.006 min

Lab File: VN084240.D

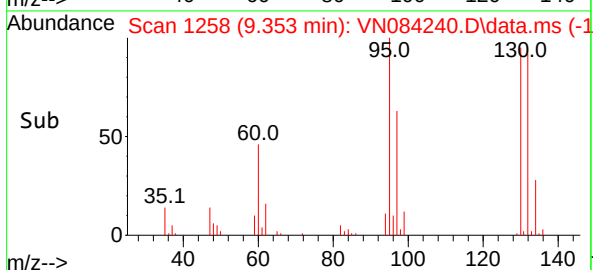
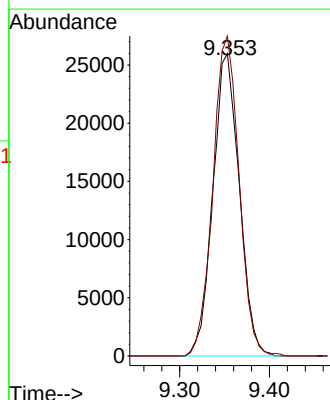
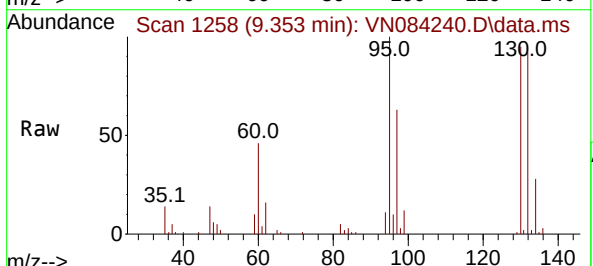
Acq: 01 Oct 2024 15:30

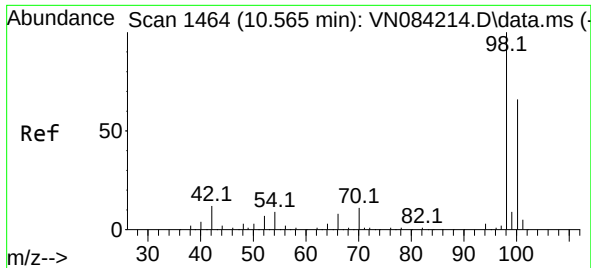
Tgt Ion:130 Resp: 53021

Ion Ratio Lower Upper

130 100

95 105.8 0.0 203.0

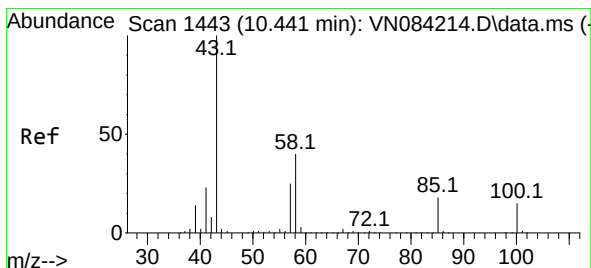
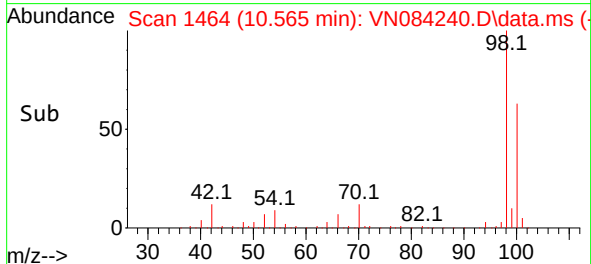
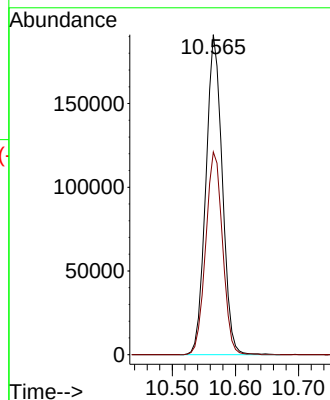
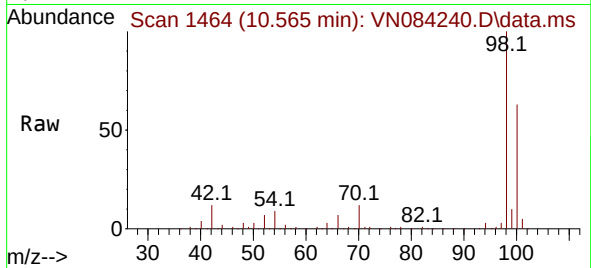




#50
Toluene-d8
Concen: 50.745 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084240.D
Acq: 01 Oct 2024 15:30

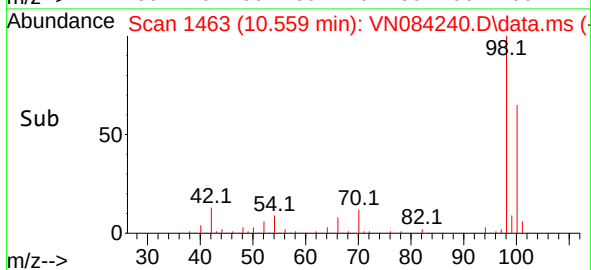
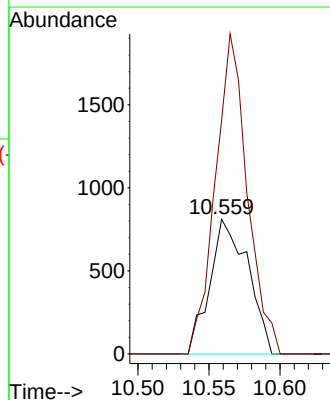
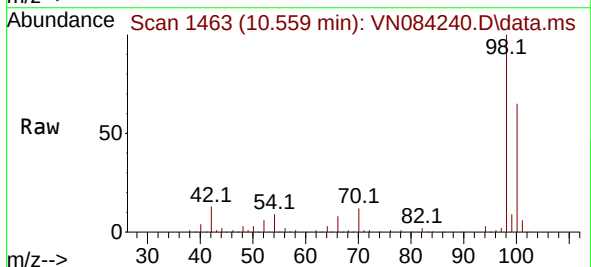
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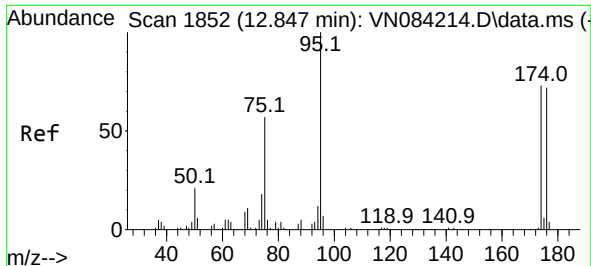
Tgt Ion: 98 Resp: 343943
Ion Ratio Lower Upper
98 100
100 65.0 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.579 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. 0.118 min
Lab File: VN084240.D
Acq: 01 Oct 2024 15:30

Tgt Ion: 43 Resp: 1514
Ion Ratio Lower Upper
43 100
58 199.1 31.6 47.4#





#62

4-Bromofluorobenzene

Concen: 45.077 ug/l

RT: 12.847 min Scan# 111307

Delta R.T. 0.000 min

Lab File: VN084240.D

Acq: 01 Oct 2024 15:30

Instrument :

MSVOA_N

ClientSampleId :

RE132D7-20240918DL

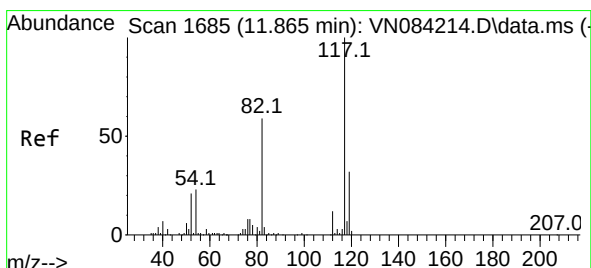
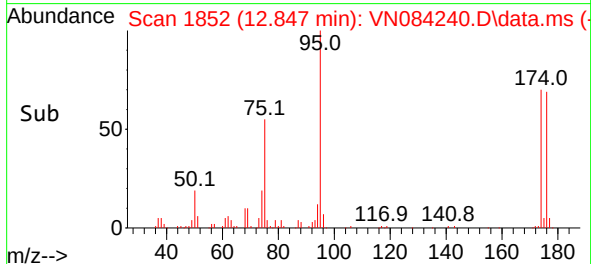
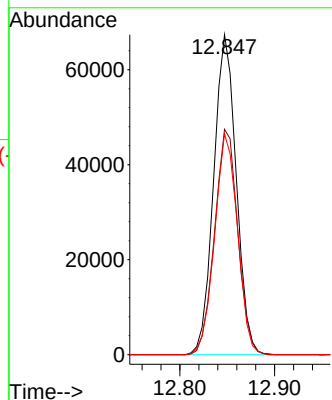
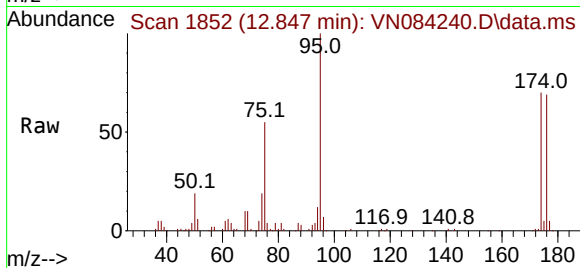
Tgt Ion: 95 Resp: 111307

Ion Ratio Lower Upper

95 100

174 72.7 0.0 145.2

176 70.1 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: VN084240.D

Acq: 01 Oct 2024 15:30

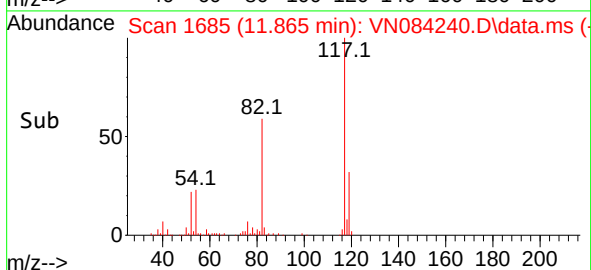
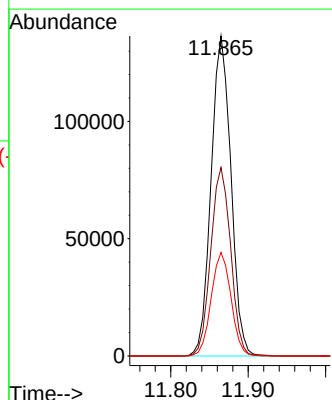
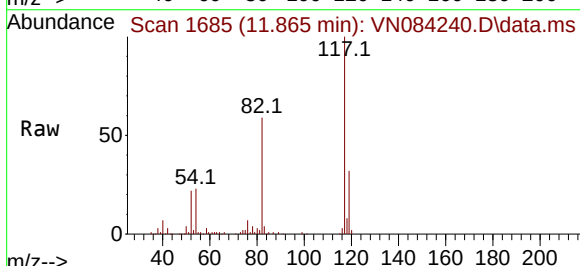
Tgt Ion: 117 Resp: 242953

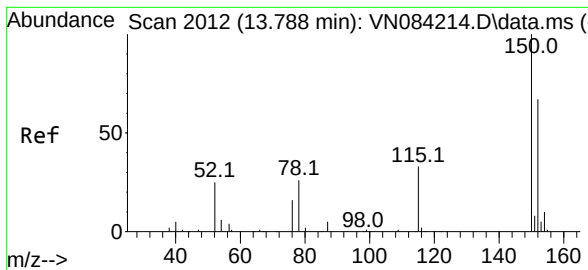
Ion Ratio Lower Upper

117 100

82 58.9 47.2 70.8

119 32.4 25.4 38.0

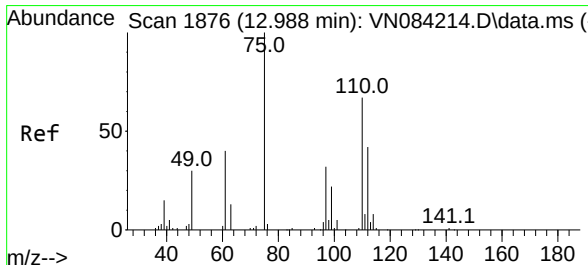
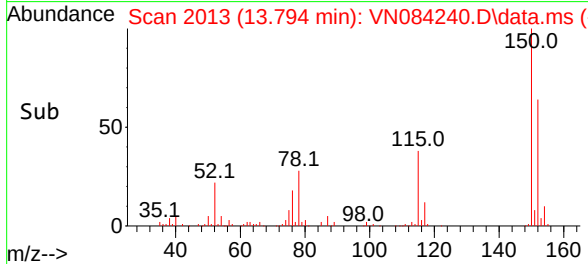
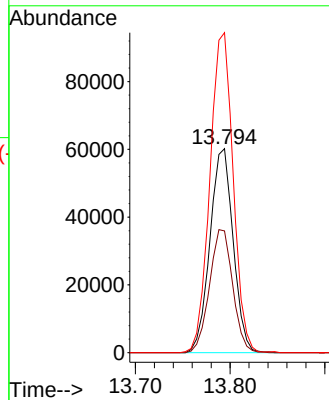
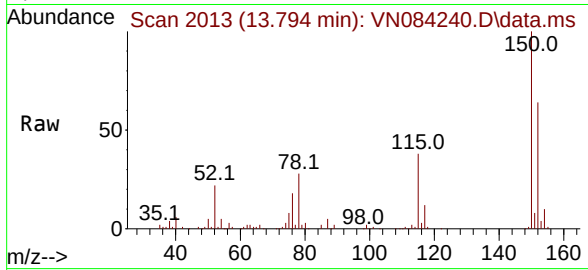




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN084240.D
 Acq: 01 Oct 2024 15:30

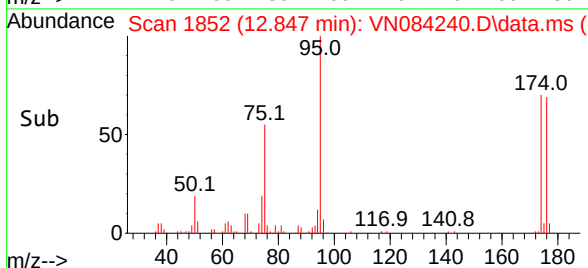
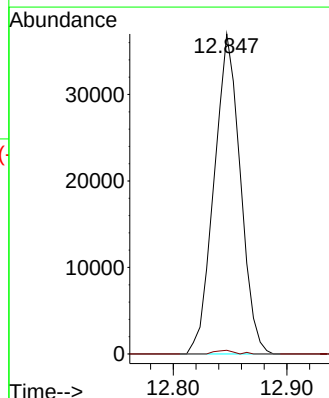
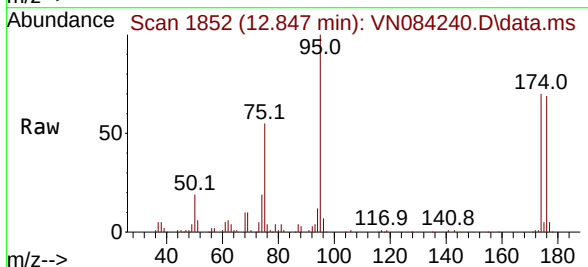
Instrument :
 MSVOA_N
 ClientSampleId :
 RE132D7-20240918DL

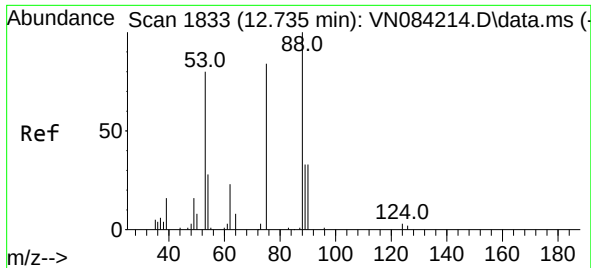
Tgt Ion:152 Resp: 102612
 Ion Ratio Lower Upper
 152 100
 115 60.2 31.3 93.9
 150 156.7 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 28.359 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN084240.D
 Acq: 01 Oct 2024 15:30

Tgt Ion: 75 Resp: 59408
 Ion Ratio Lower Upper
 75 100
 77 0.9 96.9 290.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.989 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN084240.D
 Acq: 01 Oct 2024 15:30

Instrument :
 MSVOA_N
 ClientSampleId :
 RE132D7-20240918DL

Tgt Ion: 75 Resp: 59408
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 35.5 53.3#

