

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091924\
 Data File : VN084043.D
 Acq On : 19 Sep 2024 18:53
 Operator : JC\MD
 Sample : P4003-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE120D1-20240912

Quant Time: Sep 20 01:35:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

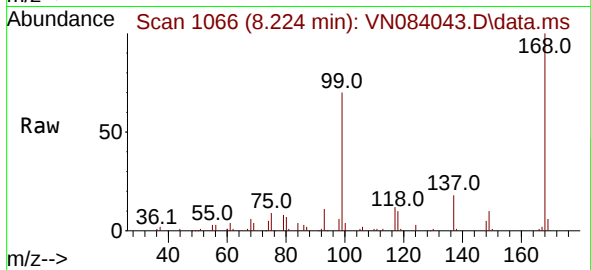
Internal Standards						
1) Pentafluorobenzene	8.224	168	149356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	256415	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	217092	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	87940	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	117367	52.115	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.220%	
35) Dibromofluoromethane	8.165	113	82554	50.291	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.580%	
50) Toluene-d8	10.565	98	308261	54.320	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.640%	
62) 4-Bromofluorobenzene	12.847	95	108647	46.404	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 92.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	548	Below Cal		94
9) 1,1,2-Trichlorotrifluo...	4.377	101	672	0.393 ug/l	#	85
16) Acetone	4.448	43	949	1.051 ug/l		100
18) Methyl Acetate	5.024	43	54	Below Cal	#	52
31) Cyclohexane	8.224	56	4293	1.319 ug/l	#	16
36) 1,1-Dichloropropene	8.218	75	14115	5.713 ug/l	#	51
38) Carbon Tetrachloride	8.224	117	17557	6.264 ug/l	#	16
43) Isopropyl Acetate	8.683	43	2137	0.526 ug/l	#	57
44) Trichloroethene	9.353	130	25842	15.006 ug/l		84
51) 4-Methyl-2-Pentanone	10.565	43	1419	0.641 ug/l	#	1
71) Bromoform	12.847	173	537	0.476 ug/l	#	29
76) 1,2,3-Trichloropropane	12.847	75	61645	34.740 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.847	75	61645	90.987 ug/l	#	9

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

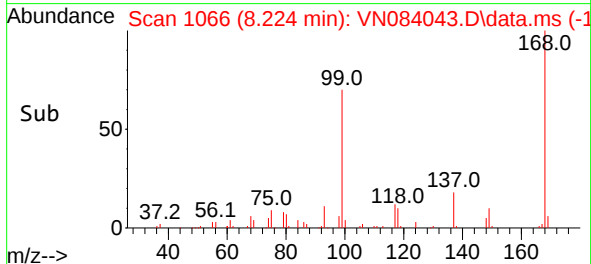
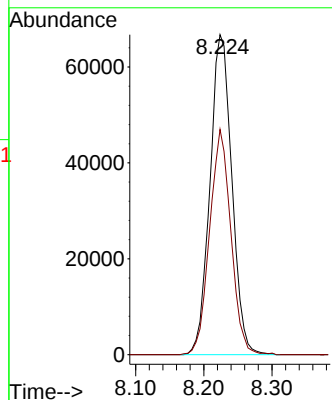


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN084043.D
Acq: 19 Sep 2024 18:53

Instrument :
MSVOA_N
ClientSampleId :
RE120D1-20240912

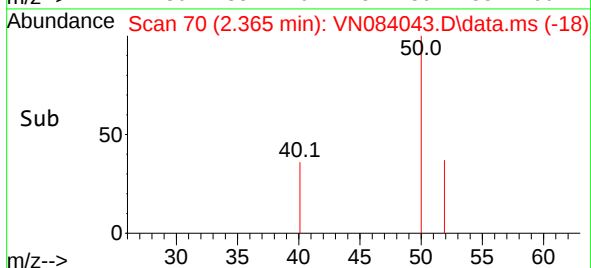
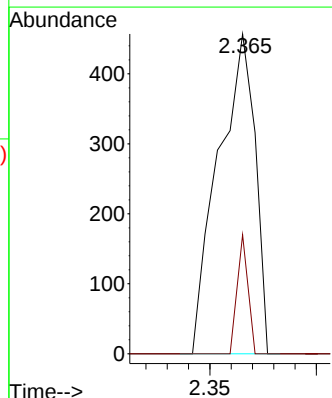
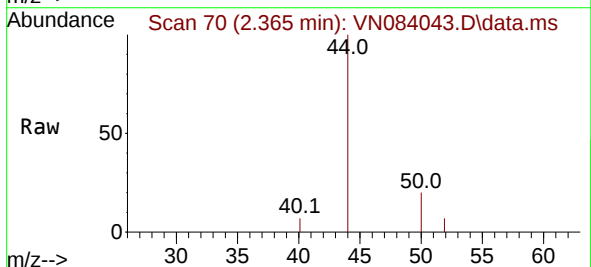


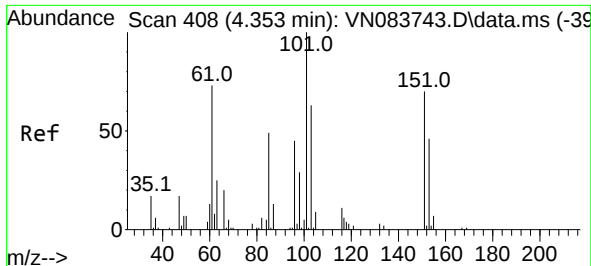
Tgt Ion:168 Resp: 149356
Ion Ratio Lower Upper
168 100
99 70.4 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084043.D
Acq: 19 Sep 2024 18:53

Tgt Ion: 50 Resp: 548
Ion Ratio Lower Upper
50 100
52 37.2 27.2 40.8

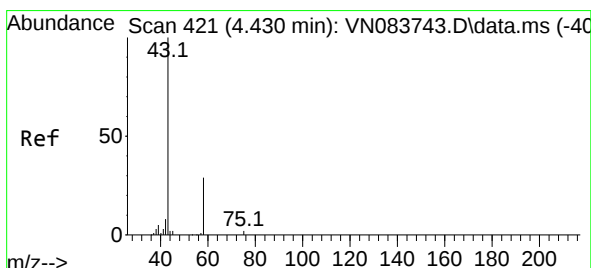
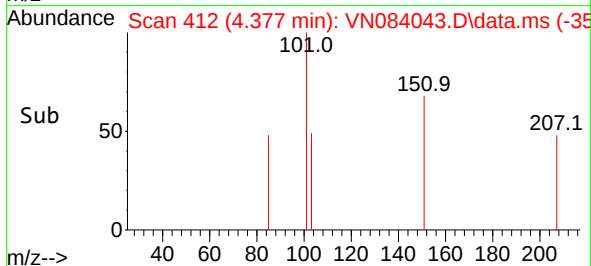
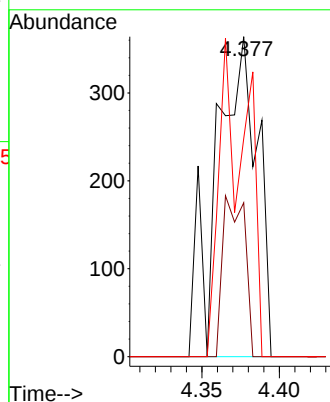
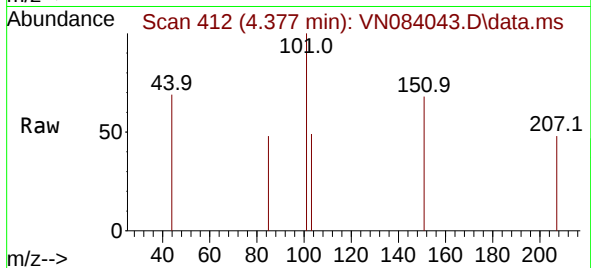




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.393 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.024 min
Lab File: VN084043.D
Acq: 19 Sep 2024 18:53

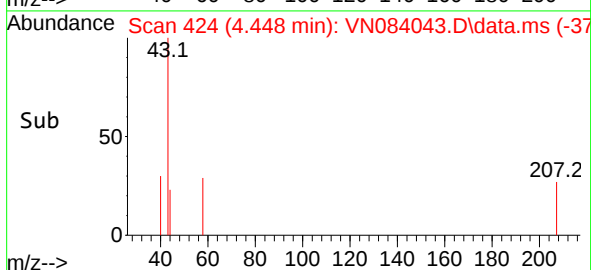
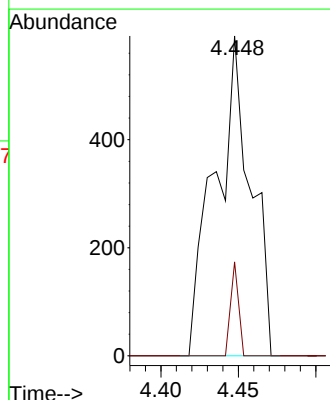
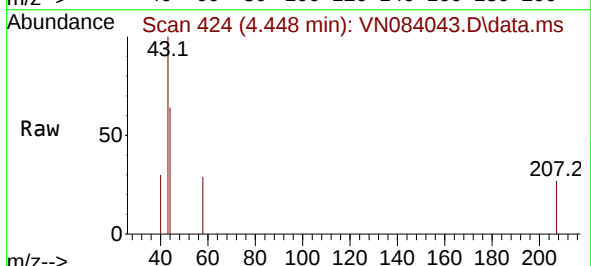
Instrument :
MSVOA_N
ClientSampleId :
RE120D1-20240912

Tgt Ion:101 Resp: 672
Ion Ratio Lower Upper
101 100
85 26.8 36.2 54.4#
151 65.9 57.7 86.5



#16
Acetone
Concen: 1.051 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.018 min
Lab File: VN084043.D
Acq: 19 Sep 2024 18:53

Tgt Ion: 43 Resp: 949
Ion Ratio Lower Upper
43 100
58 29.4 23.7 35.5

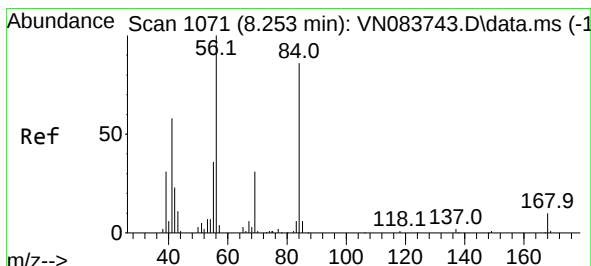
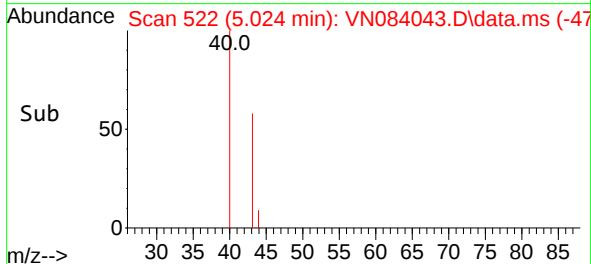
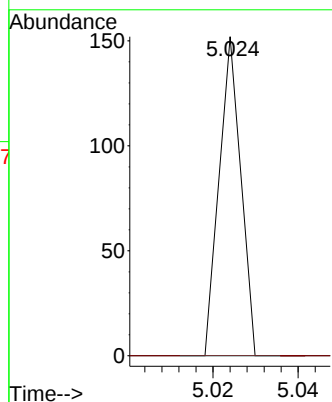
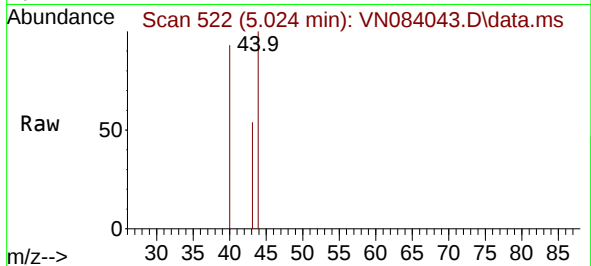




#18
Methyl Acetate
Concen: Below Cal
RT: 5.024 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN084043.D
Acq: 19 Sep 2024 18:53

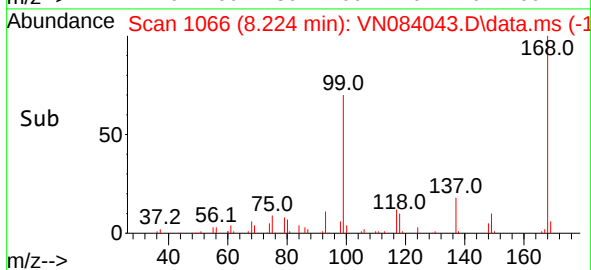
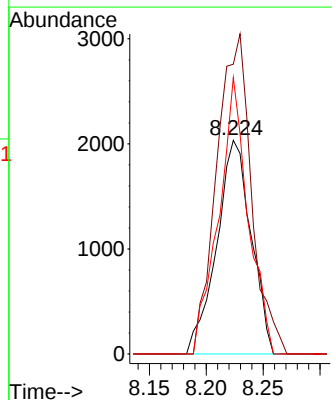
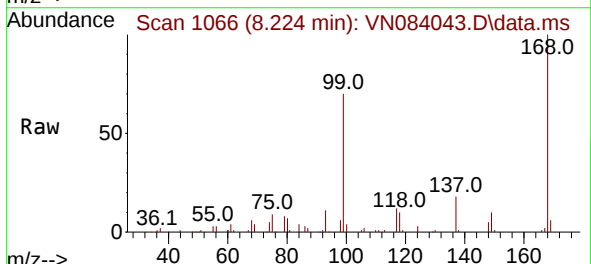
Instrument :
MSVOA_N
ClientSampleId :
RE120D1-20240912

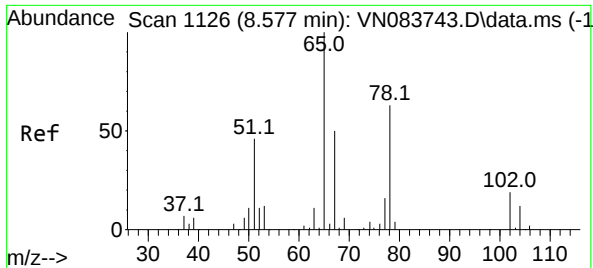
Tgt Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#



#31
Cyclohexane
Concen: 1.319 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084043.D
Acq: 19 Sep 2024 18:53

Tgt Ion: 56 Resp: 4293
Ion Ratio Lower Upper
56 100
69 135.6 26.9 40.3#
84 129.4 69.2 103.8#





#33

1,2-Dichloroethane-d4

Concen: 52.115 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN084043.D

Acq: 19 Sep 2024 18:53

Instrument :

MSVOA_N

ClientSampleId :

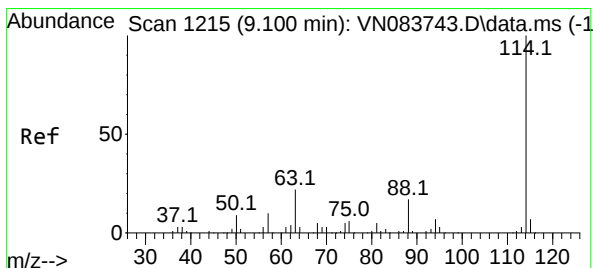
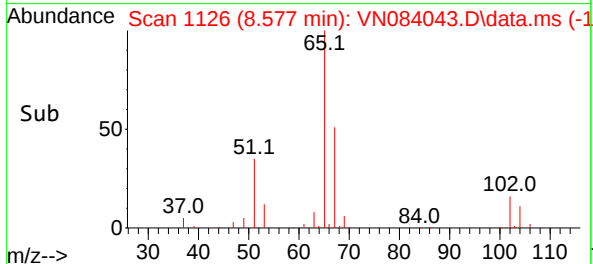
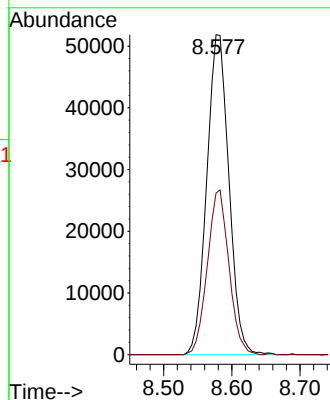
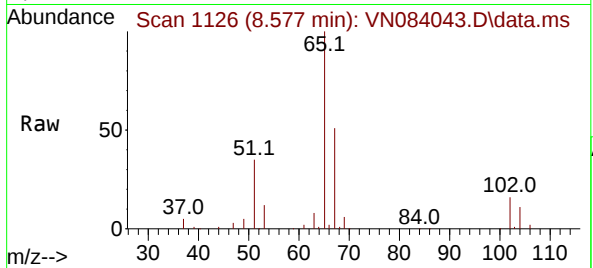
RE120D1-20240912

Tgt Ion: 65 Resp: 117367

Ion Ratio Lower Upper

65 100

67 50.1 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN084043.D

Acq: 19 Sep 2024 18:53

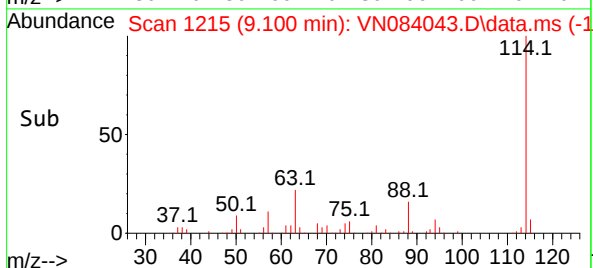
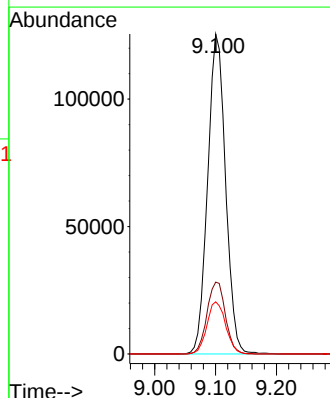
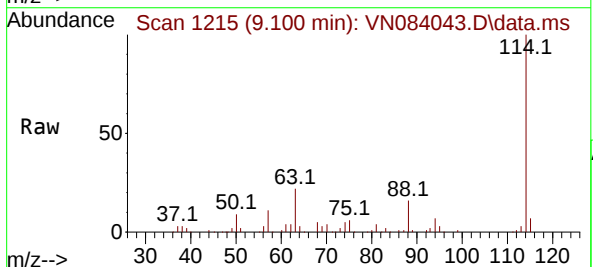
Tgt Ion: 114 Resp: 256415

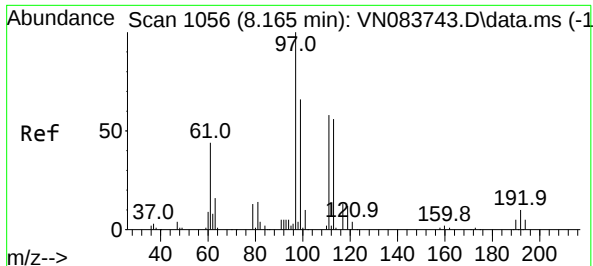
Ion Ratio Lower Upper

114 100

63 22.5 0.0 43.4

88 16.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.291 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084043.D

Acq: 19 Sep 2024 18:53

Instrument :

MSVOA_N

ClientSampleId :

RE120D1-20240912

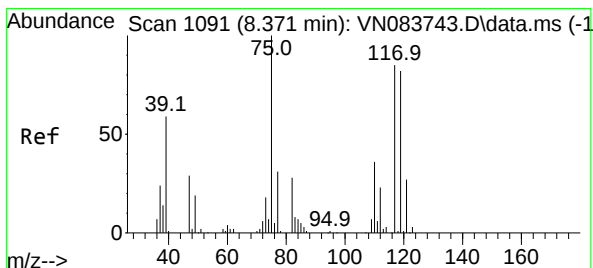
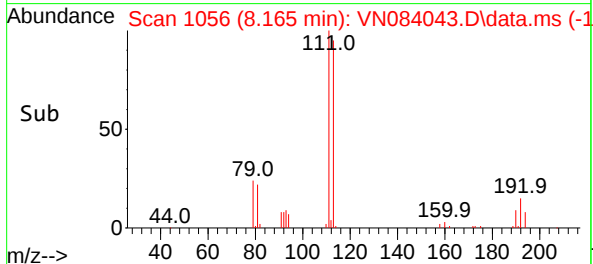
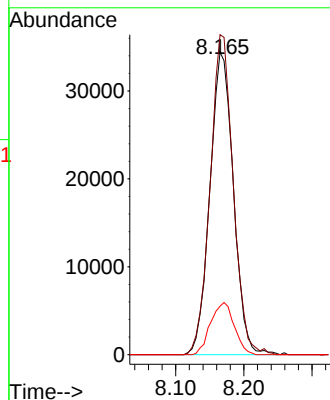
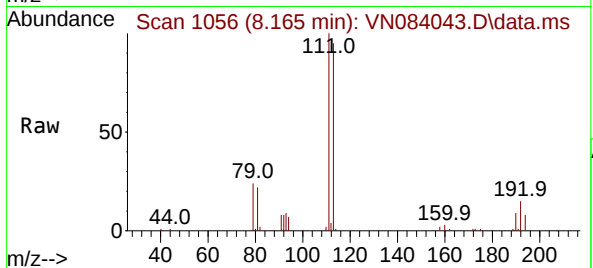
Tgt Ion:113 Resp: 82554

Ion Ratio Lower Upper

113 100

111 103.8 82.6 124.0

192 17.4 14.3 21.5



#36

1,1-Dichloropropene

Concen: 5.713 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN084043.D

Acq: 19 Sep 2024 18:53

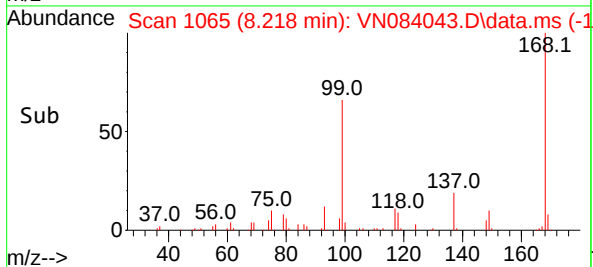
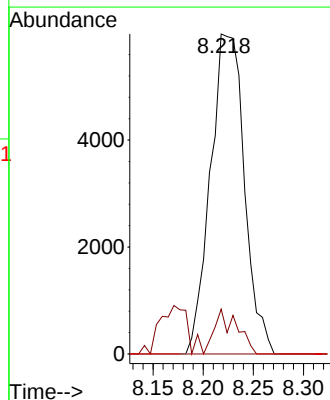
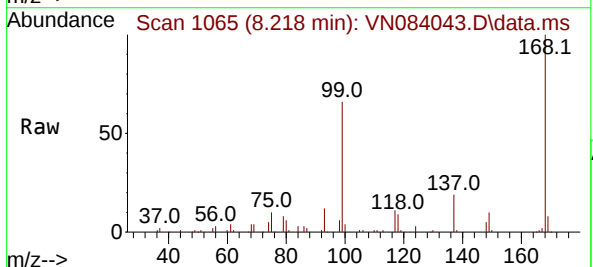
Tgt Ion: 75 Resp: 14115

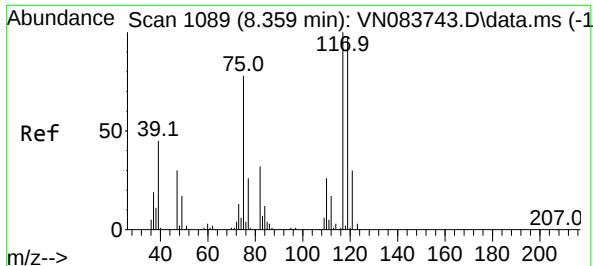
Ion Ratio Lower Upper

75 100

110 9.2 16.7 50.1#

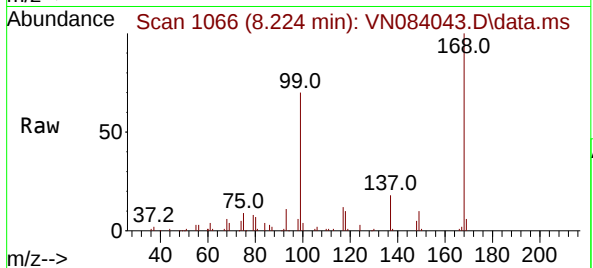
77 0.0 25.2 37.8#



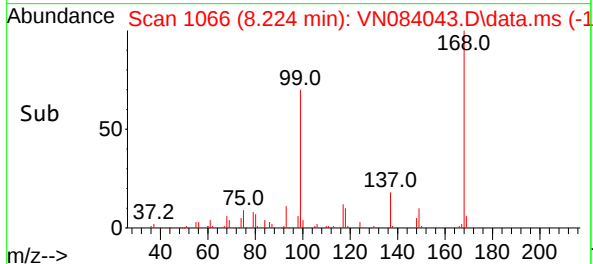
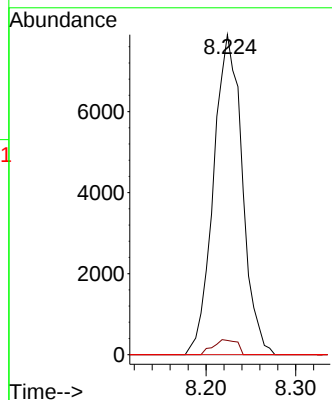


#38
Carbon Tetrachloride
Concen: 6.264 ug/l
RT: 8.224 min Scan# 1106
Delta R.T. -0.135 min
Lab File: VN084043.D
Acq: 19 Sep 2024 18:53

Instrument :
MSVOA_N
ClientSampleId :
RE120D1-20240912

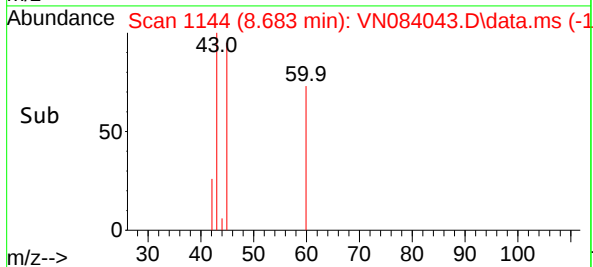
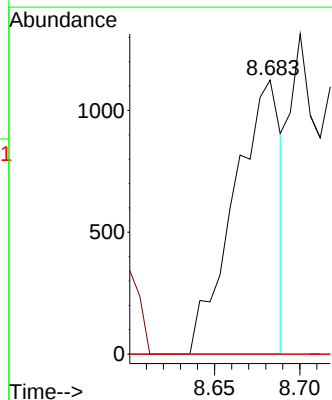
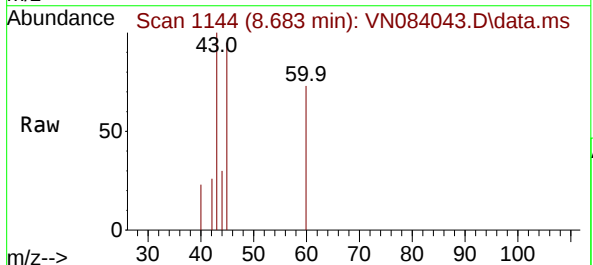


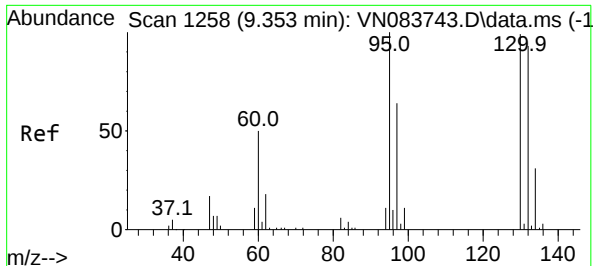
Tgt Ion:117 Resp: 17557
Ion Ratio Lower Upper
117 100
119 4.5 76.1 114.1#
121 0.0 24.1 36.1#



#43
Isopropyl Acetate
Concen: 0.526 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN084043.D
Acq: 19 Sep 2024 18:53

Tgt Ion: 43 Resp: 2137
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#





#44

Trichloroethene

Concen: 15.006 ug/l

RT: 9.353 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084043.D

Acq: 19 Sep 2024 18:53

Instrument :

MSVOA_N

ClientSampleId :

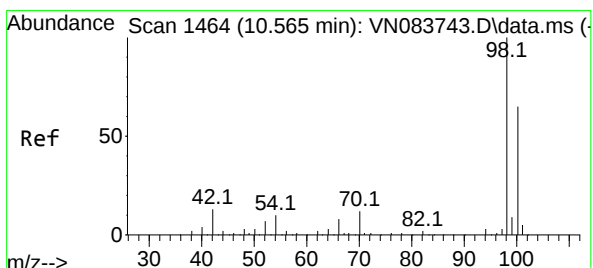
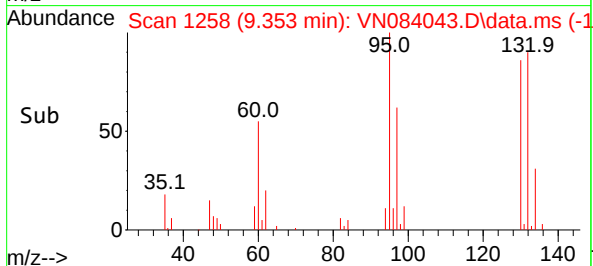
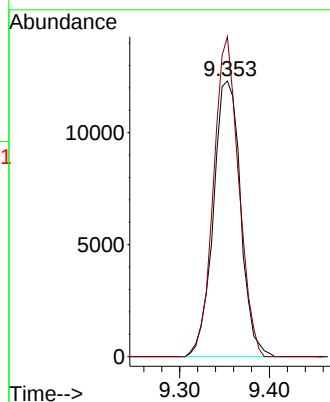
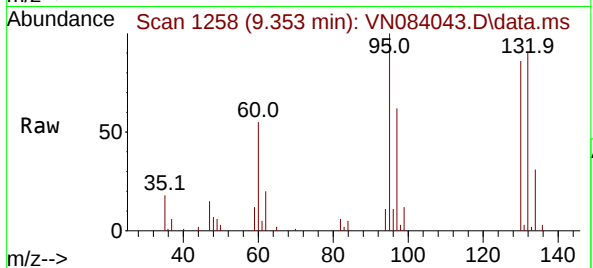
RE120D1-20240912

Tgt Ion:130 Resp: 25842

Ion Ratio Lower Upper

130 100

95 116.1 0.0 200.4



#50

Toluene-d8

Concen: 54.320 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN084043.D

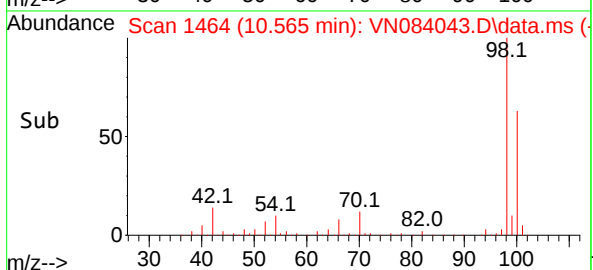
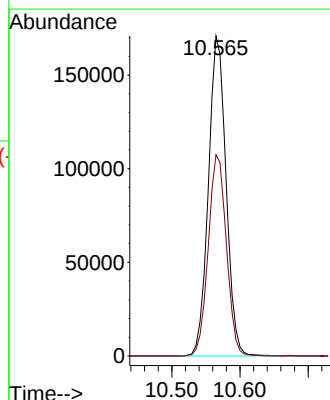
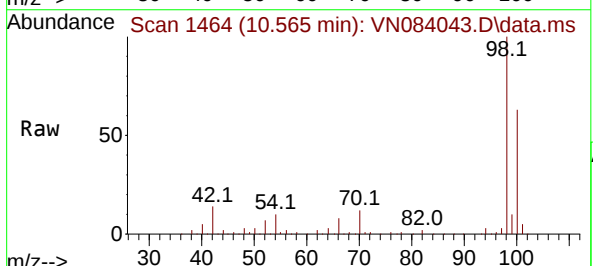
Acq: 19 Sep 2024 18:53

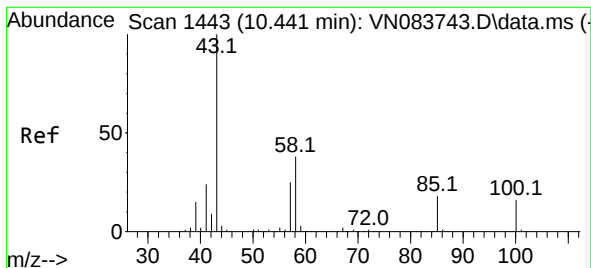
Tgt Ion: 98 Resp: 308261

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 0.641 ug/l

RT: 10.565 min Scan# 14

Delta R.T. 0.124 min

Lab File: VN084043.D

Acq: 19 Sep 2024 18:53

Instrument :

MSVOA_N

ClientSampleId :

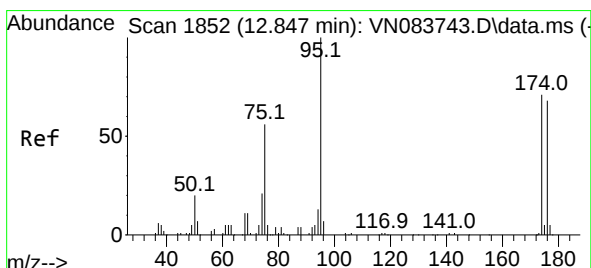
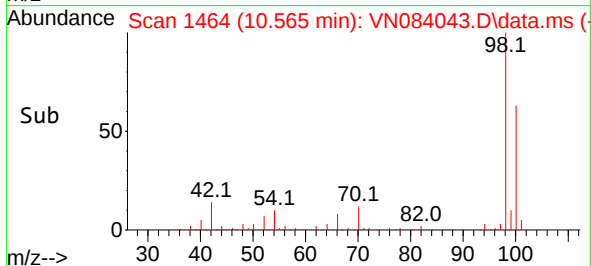
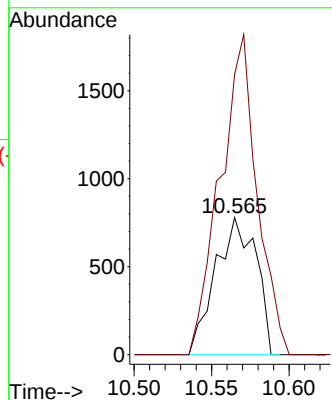
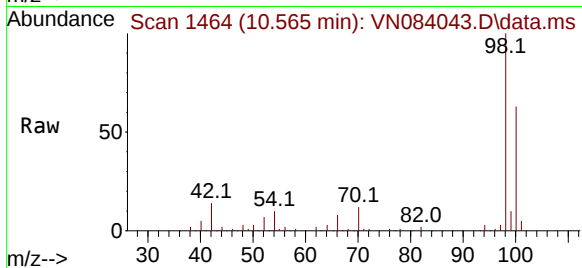
RE120D1-20240912

Tgt Ion: 43 Resp: 1419

Ion Ratio Lower Upper

43 100

58 212.5 31.6 47.4#



#62

4-Bromofluorobenzene

Concen: 46.404 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN084043.D

Acq: 19 Sep 2024 18:53

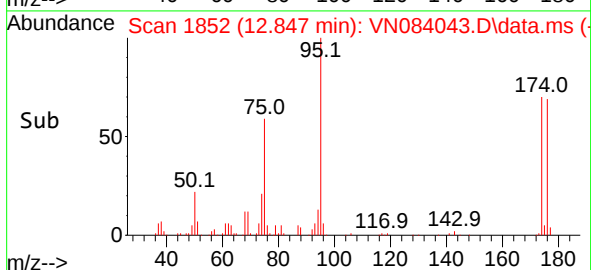
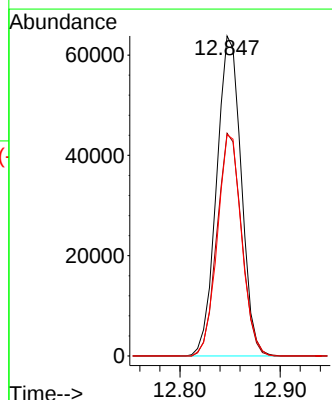
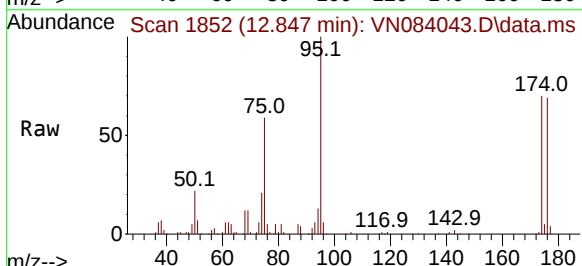
Tgt Ion: 95 Resp: 108647

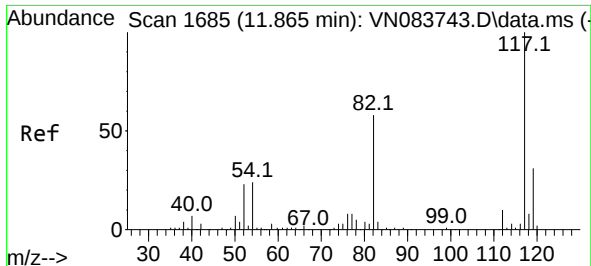
Ion Ratio Lower Upper

95 100

174 69.3 0.0 139.8

176 68.3 0.0 131.4

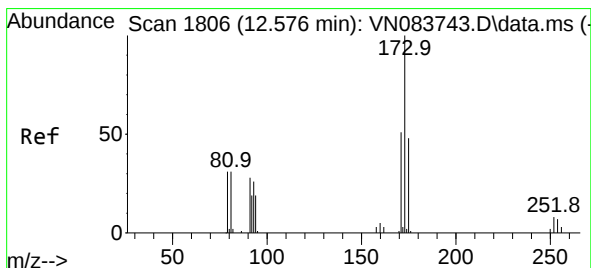
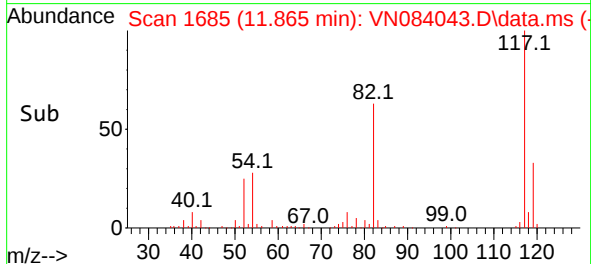
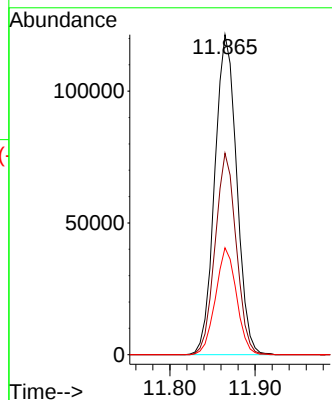
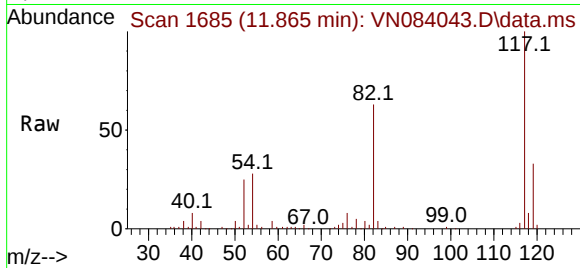




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117092
Delta R.T. 0.000 min
Lab File: VN084043.D
Acq: 19 Sep 2024 18:53

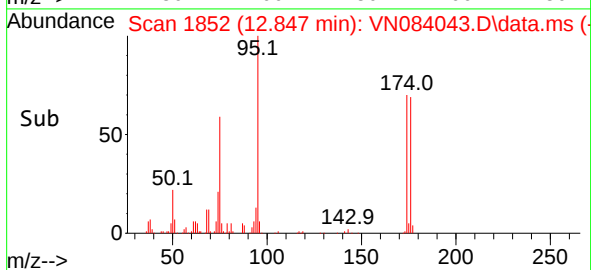
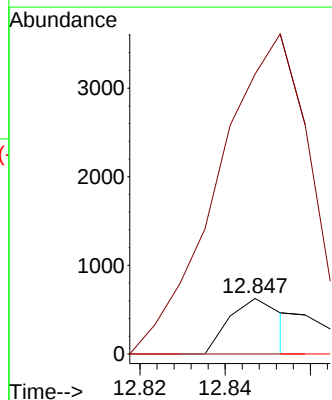
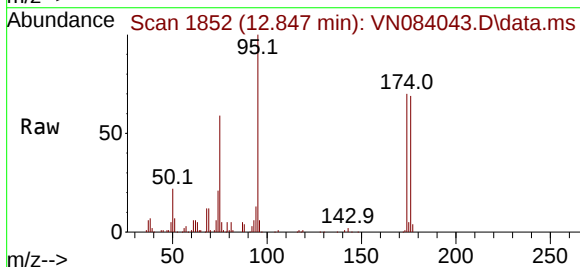
Instrument :
MSVOA_N
ClientSampleId :
RE120D1-20240912

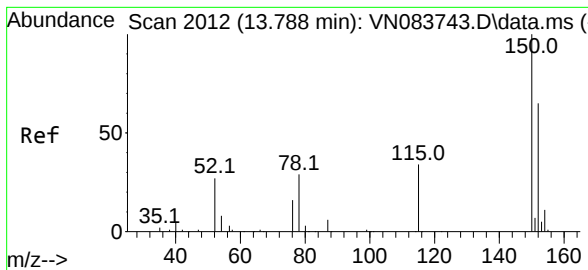
Tgt Ion	Ratio	Lower	Upper
117	100		
82	63.0	47.4	71.0
119	33.4	26.3	39.5



#71
Bromoform
Concen: 0.476 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN084043.D
Acq: 19 Sep 2024 18:53

Tgt Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.1	72.2#
254	0.0	0.0	0.0

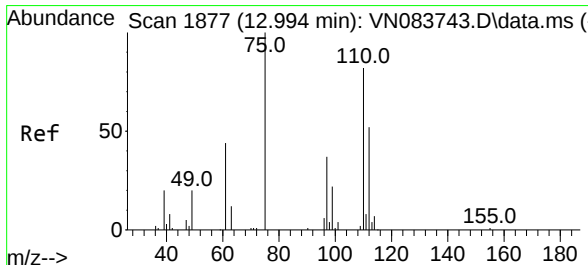
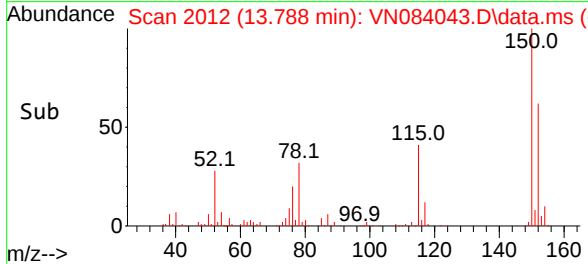
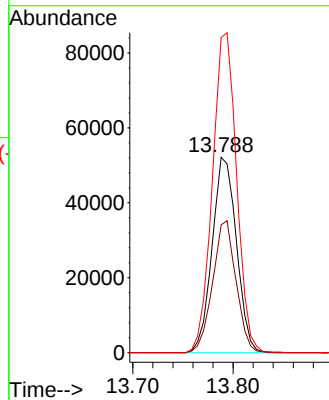
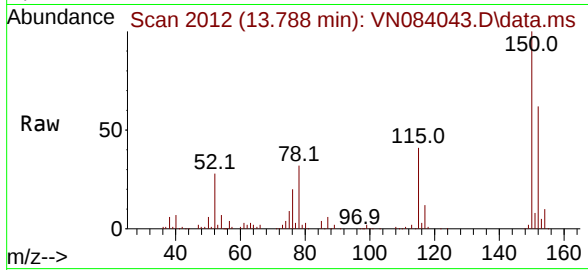




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: VN084043.D
 Acq: 19 Sep 2024 18:53

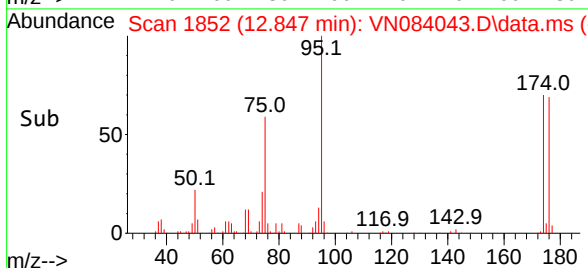
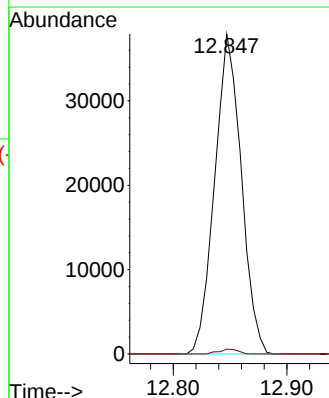
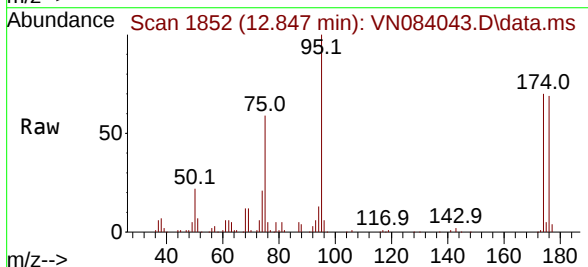
Instrument :
 MSVOA_N
 ClientSampleId :
 RE120D1-20240912

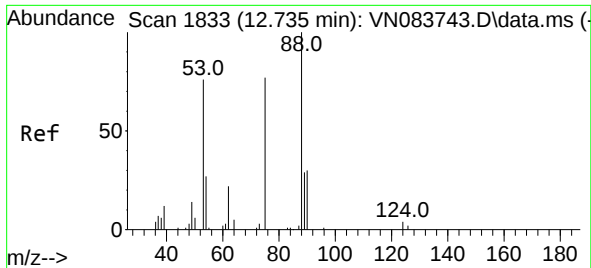
Tgt Ion:152 Resp: 87940
 Ion Ratio Lower Upper
 152 100
 115 64.9 32.2 96.6
 150 162.6 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 34.740 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN084043.D
 Acq: 19 Sep 2024 18:53

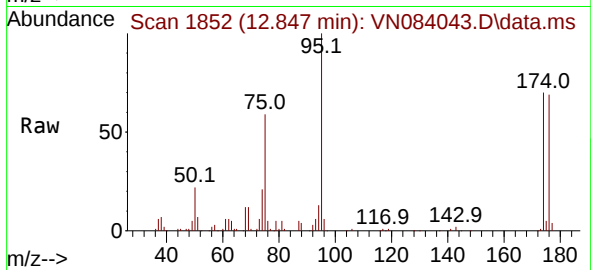
Tgt Ion: 75 Resp: 61645
 Ion Ratio Lower Upper
 75 100
 77 1.1 95.2 285.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.987 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN084043.D
 Acq: 19 Sep 2024 18:53

Instrument :
 MSVOA_N
 ClientSampleId :
 RE120D1-20240912



Tgt Ion: 75 Resp: 61645
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.2 121.8#
 89 0.0 35.7 53.5#

