

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100124\
 Data File : VN084247.D
 Acq On : 01 Oct 2024 18:18
 Operator : JC\MD
 Sample : P4241-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TB-20240926

Quant Time: Oct 02 02:06:34 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)

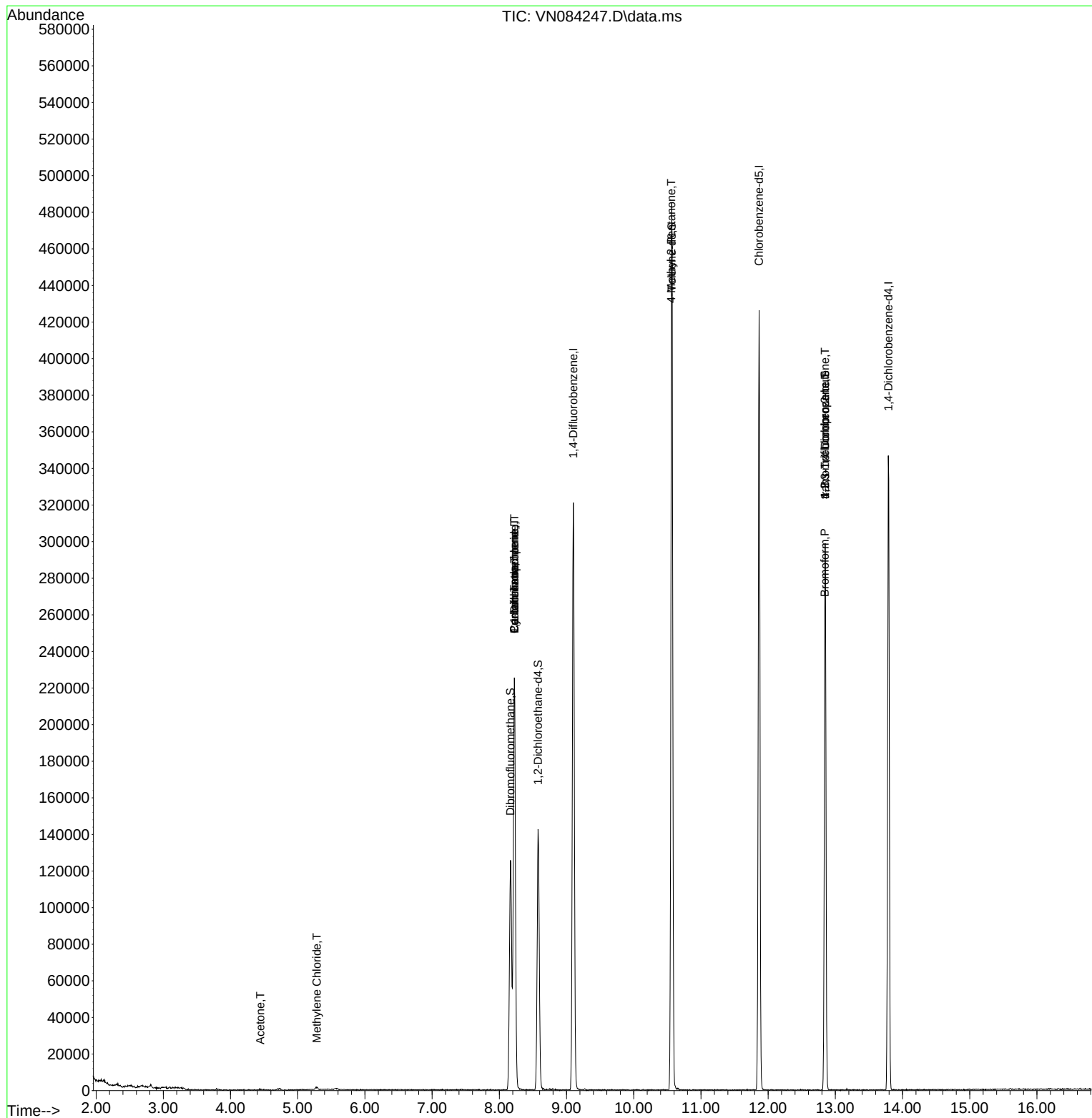
Internal Standards						
1) Pentafluorobenzene	8.224	168	158371	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	269828	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	233583	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	93967	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	117668	50.111	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.220%			
35) Dibromofluoromethane	8.165	113	91555	51.468	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.940%			
50) Toluene-d8	10.565	98	330925	50.564	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.120%			
62) 4-Bromofluorobenzene	12.847	95	104316	43.751	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 87.500%			
Target Compounds					Qvalue	
16) Acetone	4.442	43	1139	1.129	ug/l #	72
20) Methylene Chloride	5.283	84	883	0.431	ug/l #	82
31) Cyclohexane	8.224	56	3867	1.112	ug/l #	22
36) 1,1-Dichloropropene	8.224	75	13907	5.382	ug/l #	50
38) Carbon Tetrachloride	8.224	117	17400	6.139	ug/l #	14
51) 4-Methyl-2-Pentanone	10.559	43	1592	0.631	ug/l #	1
71) Bromoform	12.841	173	539	0.410	ug/l #	30
76) 1,2,3-Trichloropropane	12.847	75	55608	28.987	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	55608	69.496	ug/l #	11

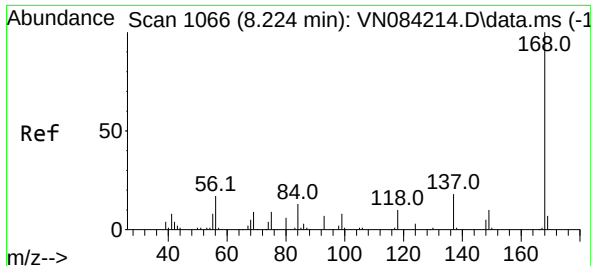
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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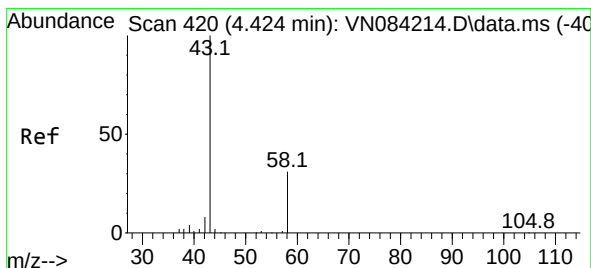
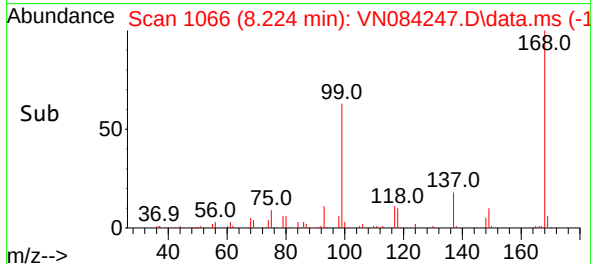
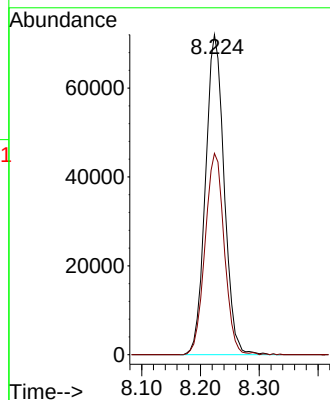
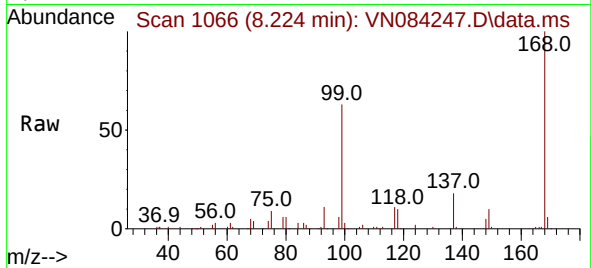




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084247.D
Acq: 01 Oct 2024 18:18

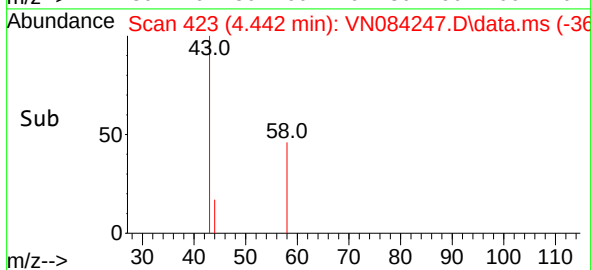
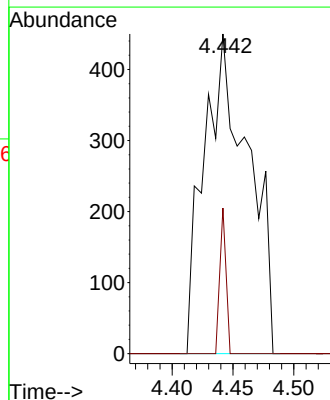
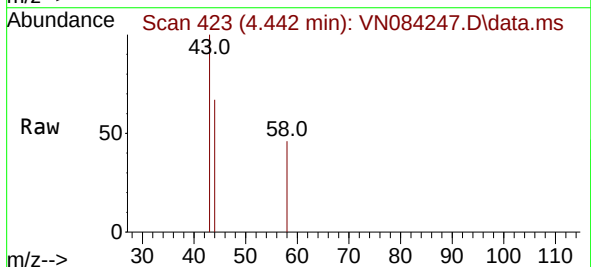
Instrument :
MSVOA_N
ClientSampleId :
BP-TB-20240926

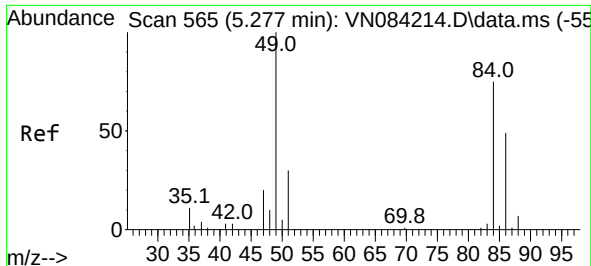
Tgt Ion:168 Resp: 158371
Ion Ratio Lower Upper
168 100
99 62.9 54.2 81.2



#16
Acetone
Concen: 1.129 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN084247.D
Acq: 01 Oct 2024 18:18

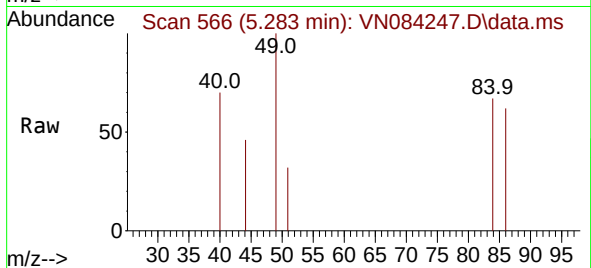
Tgt Ion: 43 Resp: 1139
Ion Ratio Lower Upper
43 100
58 45.6 24.4 36.6#



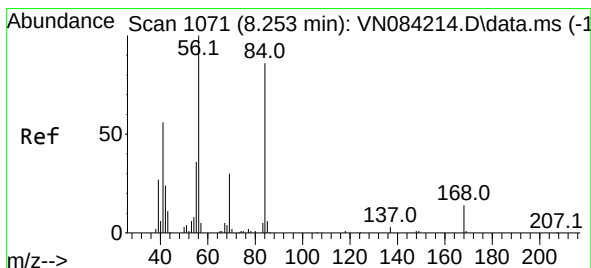
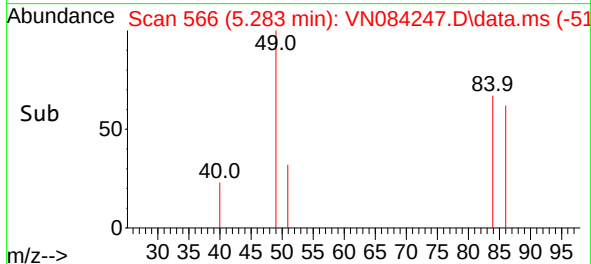
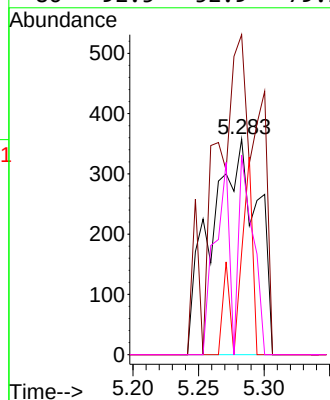


#20
Methylene Chloride
Concen: 0.431 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN084247.D
Acq: 01 Oct 2024 18:18

Instrument :
MSVOA_N
ClientSampleId :
BP-TB-20240926

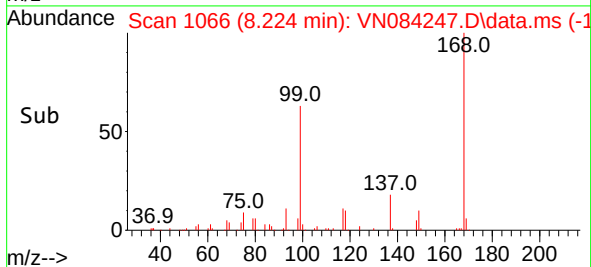
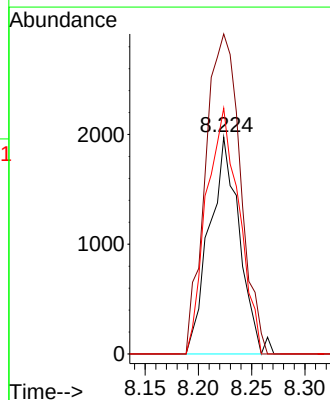
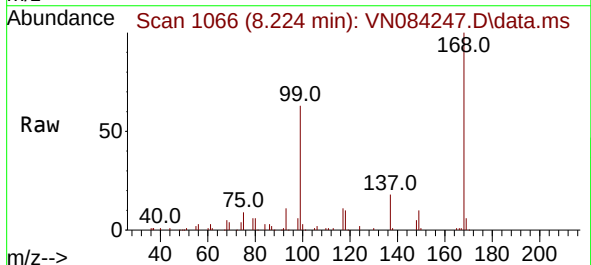


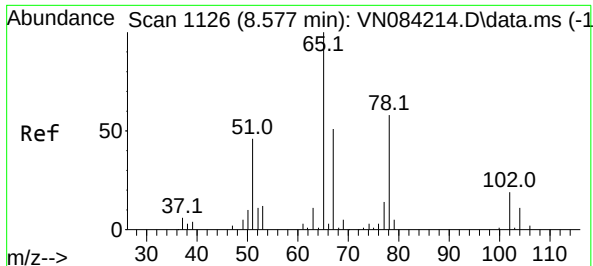
Tgt Ion:	84	Resp:	883
Ion	Ratio	Lower	Upper
84	100		
49	148.3	107.2	160.8
51	47.2	31.8	47.8
86	92.5	52.9	79.3



#31
Cyclohexane
Concen: 1.112 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084247.D
Acq: 01 Oct 2024 18:18

Tgt Ion:	56	Resp:	3867
Ion	Ratio	Lower	Upper
56	100		
69	147.6	23.8	35.6
84	113.4	68.8	103.2





#33

1,2-Dichloroethane-d4

Concen: 50.111 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN084247.D

Acq: 01 Oct 2024 18:18

Instrument :

MSVOA_N

ClientSampleId :

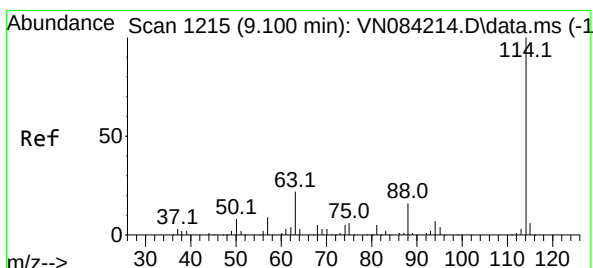
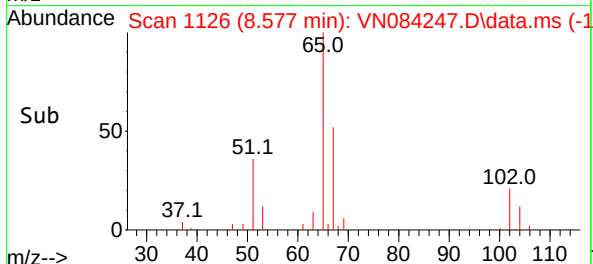
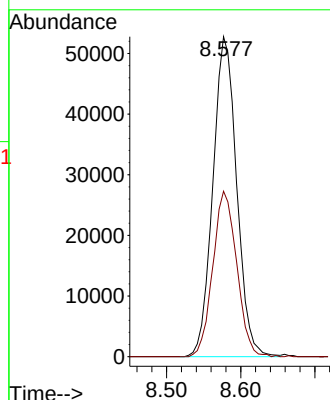
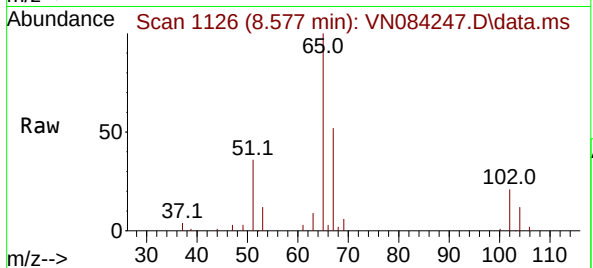
BP-TB-20240926

Tgt Ion: 65 Resp: 117668

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# 1215

Delta R.T. 0.000 min

Lab File: VN084247.D

Acq: 01 Oct 2024 18:18

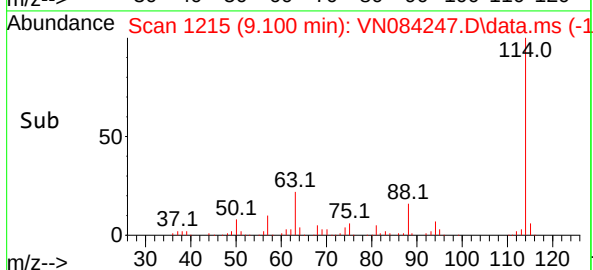
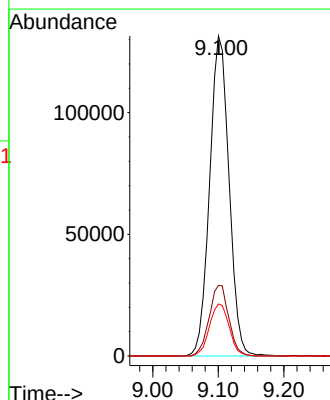
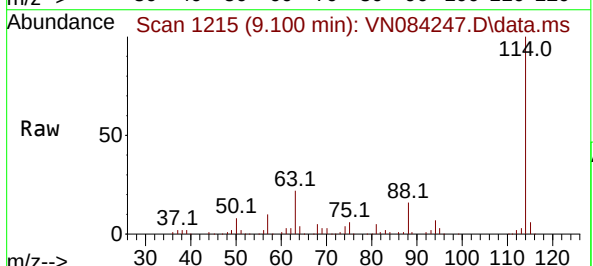
Tgt Ion: 114 Resp: 269828

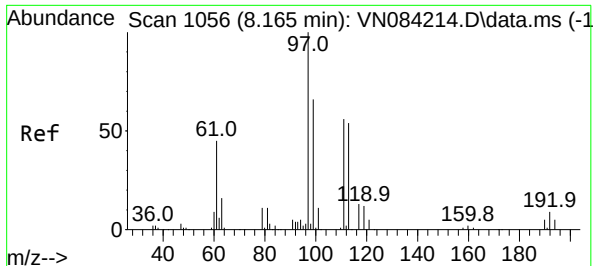
Ion Ratio Lower Upper

114 100

63 22.1 0.0 43.8

88 16.3 0.0 31.6

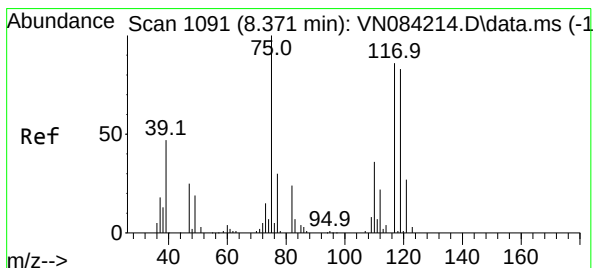
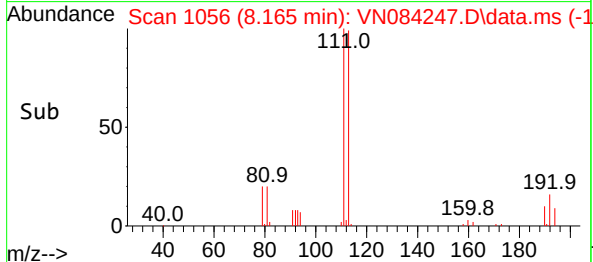
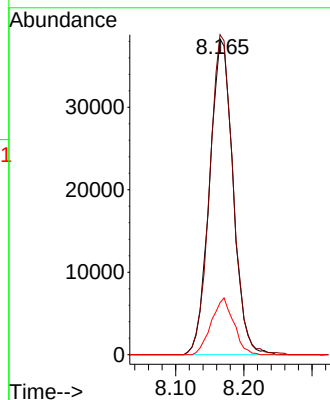
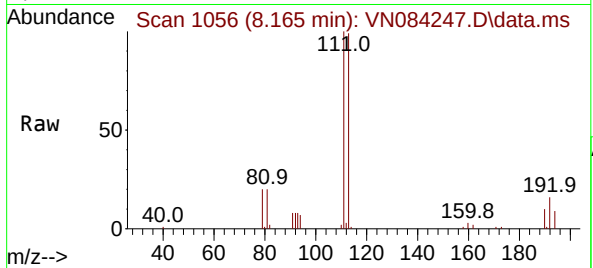




#35
Dibromofluoromethane
Concen: 51.468 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084247.D
Acq: 01 Oct 2024 18:18

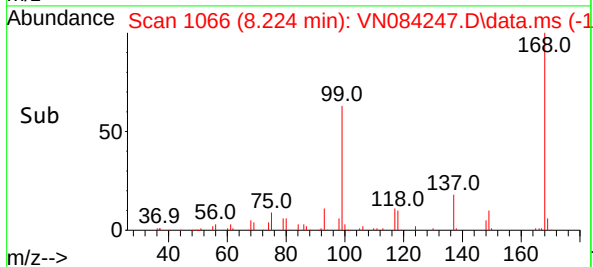
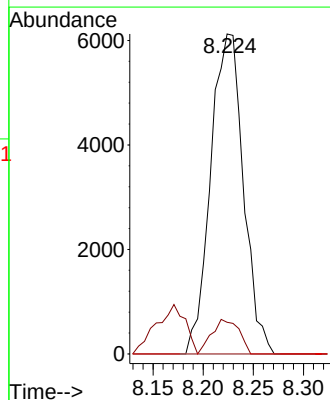
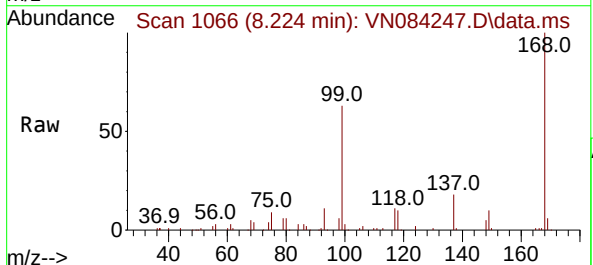
Instrument :
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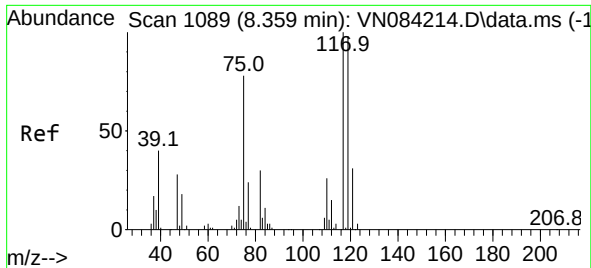
Tgt Ion:113 Resp: 91555
Ion Ratio Lower Upper
113 100
111 101.2 83.3 124.9
192 17.2 13.5 20.3



#36
1,1-Dichloropropene
Concen: 5.382 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN084247.D
Acq: 01 Oct 2024 18:18

Tgt Ion: 75 Resp: 13907
Ion Ratio Lower Upper
75 100
110 8.9 16.9 50.7#
77 0.0 24.7 37.1#

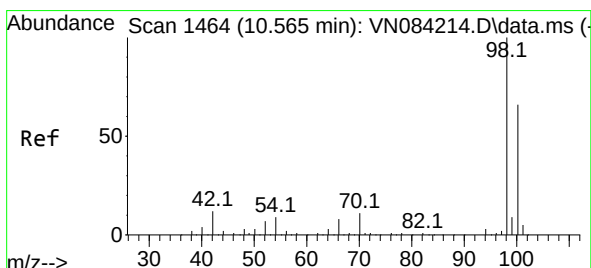
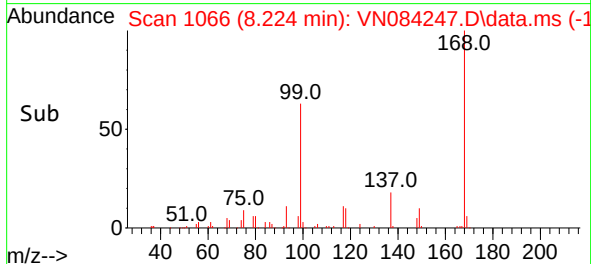
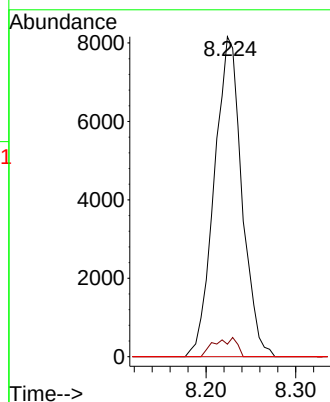
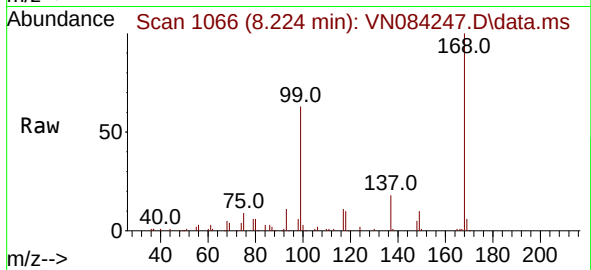




#38
Carbon Tetrachloride
Concen: 6.139 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN084247.D
Acq: 01 Oct 2024 18:18

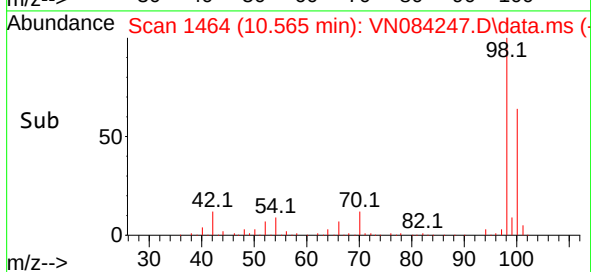
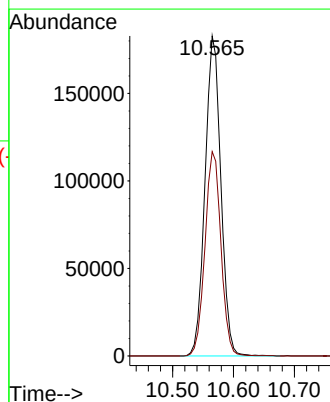
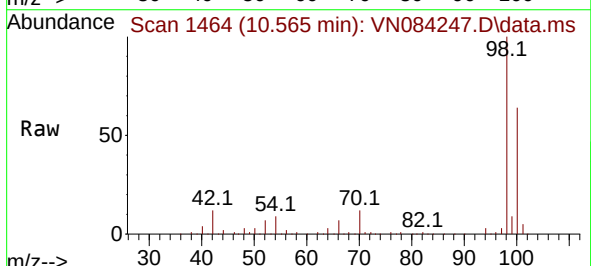
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ClientSampleId :
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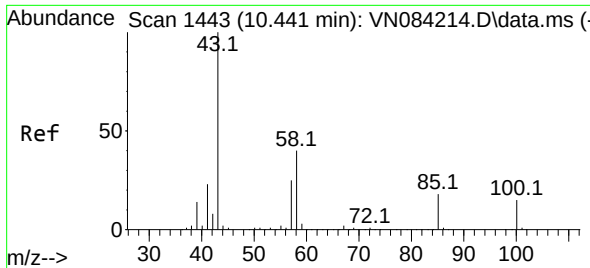
Tgt Ion:117 Resp: 17400
Ion Ratio Lower Upper
117 100
119 3.9 78.7 118.1#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 50.564 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084247.D
Acq: 01 Oct 2024 18:18

Tgt Ion: 98 Resp: 330925
Ion Ratio Lower Upper
98 100
100 64.4 52.7 79.1

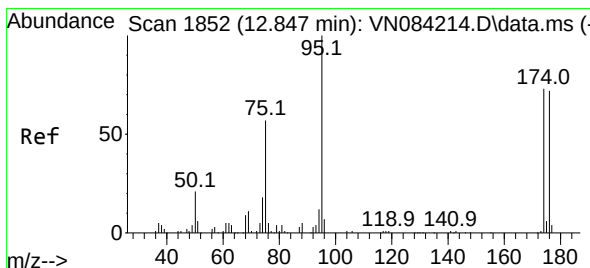
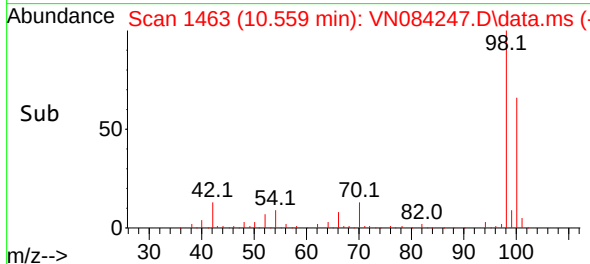
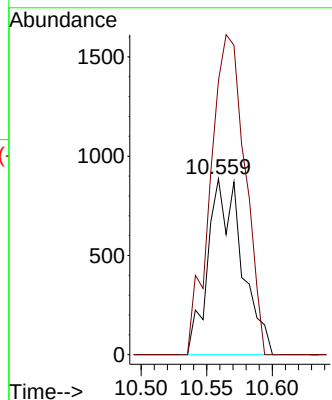
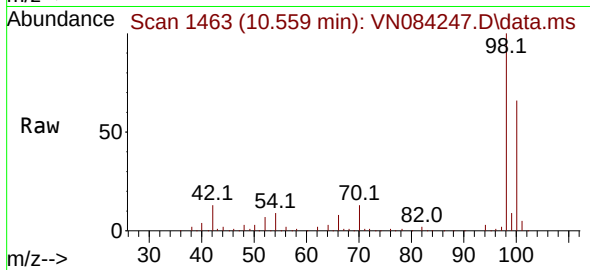




#51
4-Methyl-2-Pentanone
Concen: 0.631 ug/l
RT: 10.559 min Scan# 1443
Delta R.T. 0.118 min
Lab File: VN084247.D
Acq: 01 Oct 2024 18:18

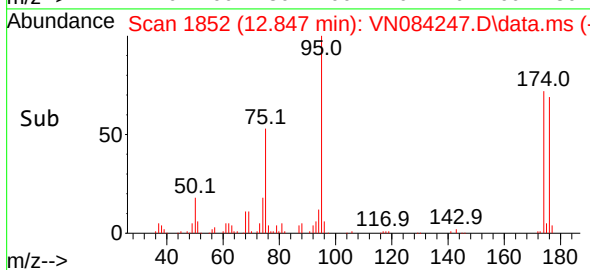
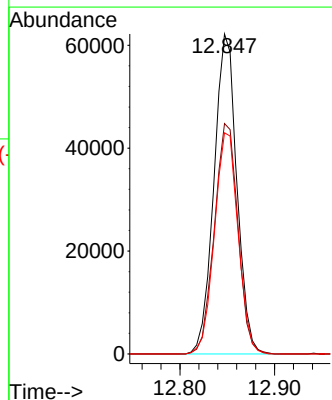
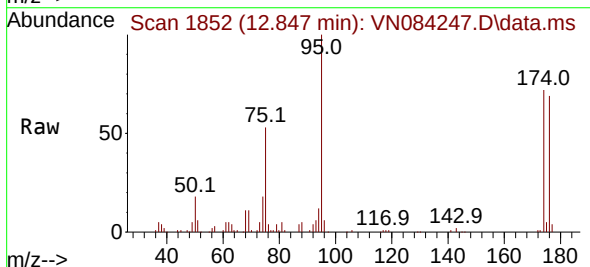
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BP-TB-20240926

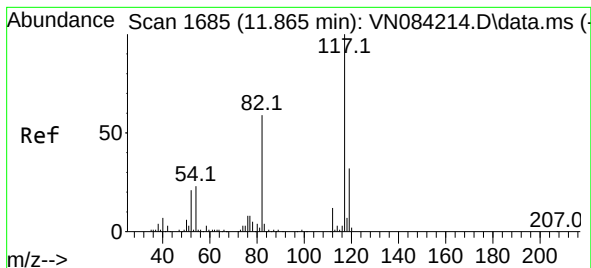
Tgt Ion: 43 Resp: 1592
Ion Ratio Lower Upper
43 100
58 185.9 31.6 47.4#



#62
4-Bromofluorobenzene
Concen: 43.751 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084247.D
Acq: 01 Oct 2024 18:18

Tgt Ion: 95 Resp: 104316
Ion Ratio Lower Upper
95 100
174 74.2 0.0 145.2
176 71.4 0.0 140.0

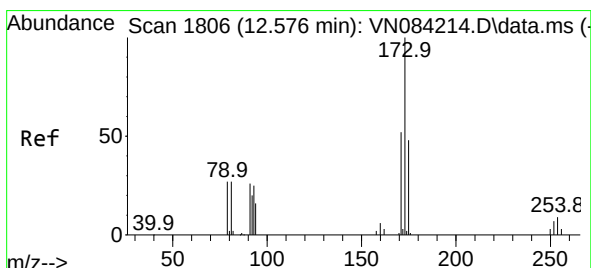
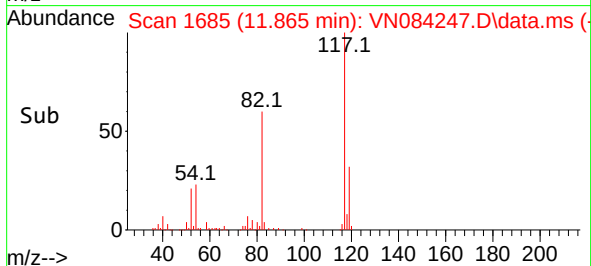
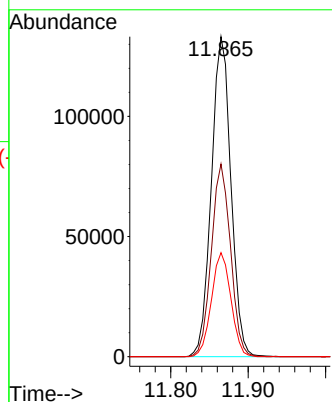
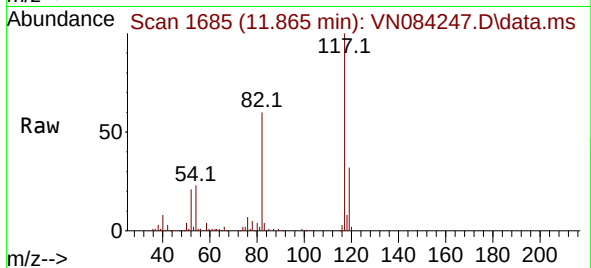




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN084247.D
Acq: 01 Oct 2024 18:18

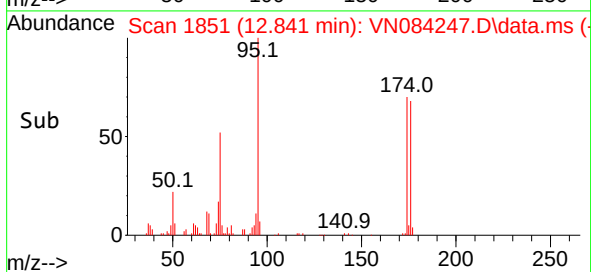
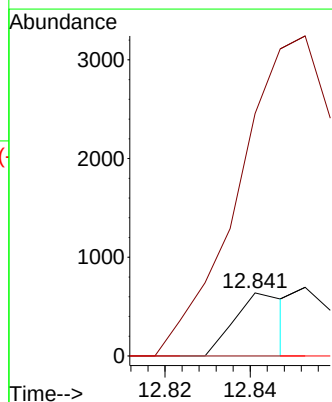
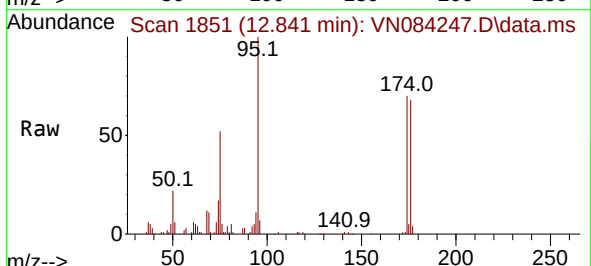
Instrument :
MSVOA_N
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BP-TB-20240926

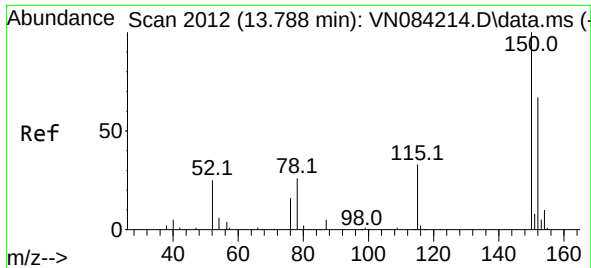
Tgt Ion:117 Resp: 233583
Ion Ratio Lower Upper
117 100
82 60.2 47.2 70.8
119 32.5 25.4 38.0



#71
Bromoform
Concen: 0.410 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.265 min
Lab File: VN084247.D
Acq: 01 Oct 2024 18:18

Tgt Ion:173 Resp: 539
Ion Ratio Lower Upper
173 100
175 0.0 23.5 70.6#
254 0.0 0.0 0.0

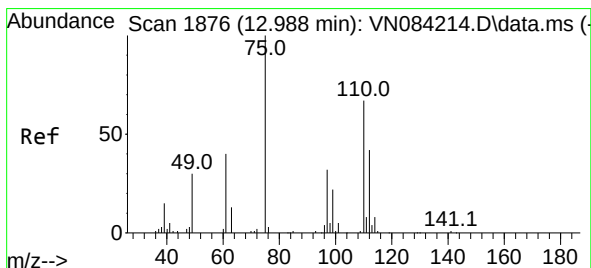
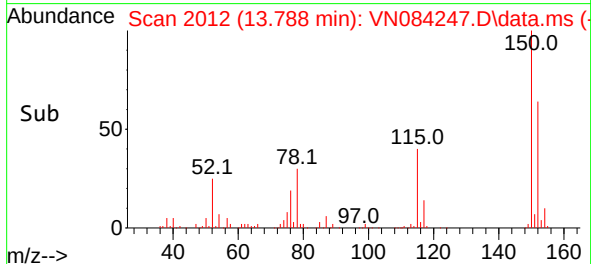
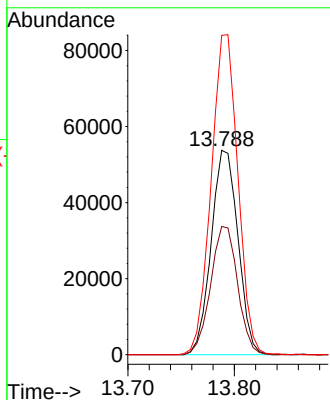
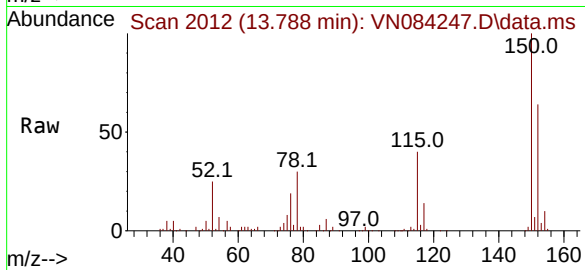




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: VN084247.D
 Acq: 01 Oct 2024 18:18

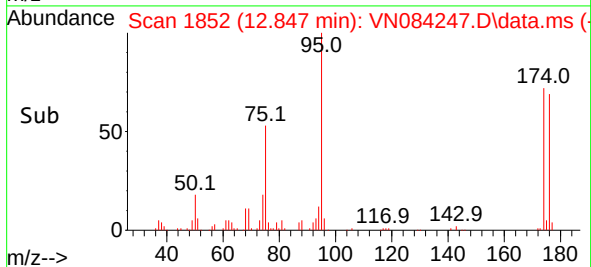
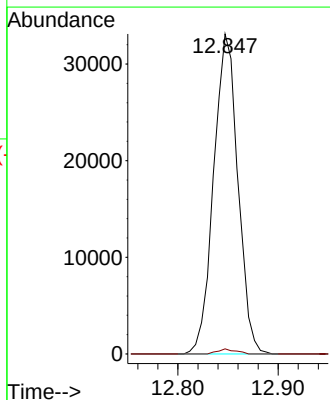
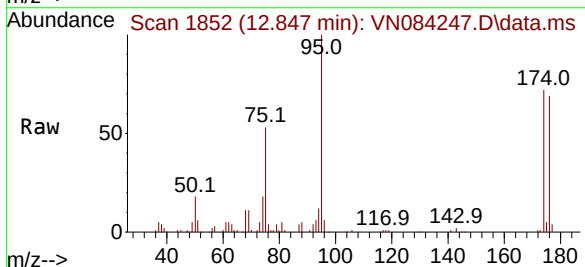
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TB-20240926

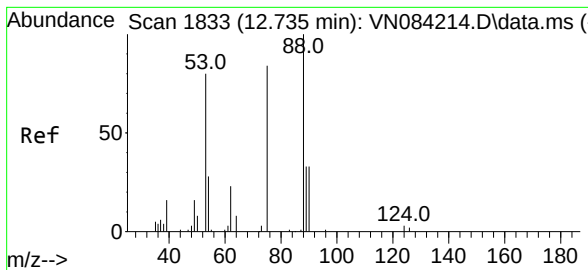
Tgt Ion:152 Resp: 93967
 Ion Ratio Lower Upper
 152 100
 115 63.2 31.3 93.9
 150 156.3 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 28.987 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN084247.D
 Acq: 01 Oct 2024 18:18

Tgt Ion: 75 Resp: 55608
 Ion Ratio Lower Upper
 75 100
 77 1.2 96.9 290.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.496 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN084247.D
 Acq: 01 Oct 2024 18:18

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TB-20240926

Tgt Ion: 75 Resp: 55608
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 35.5 53.3#

