

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081524\
 Data File : VN083339.D
 Acq On : 15 Aug 2024 18:26
 Operator : JC\MD
 Sample : P3623-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TB-20240813

Quant Time: Aug 16 03:58:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

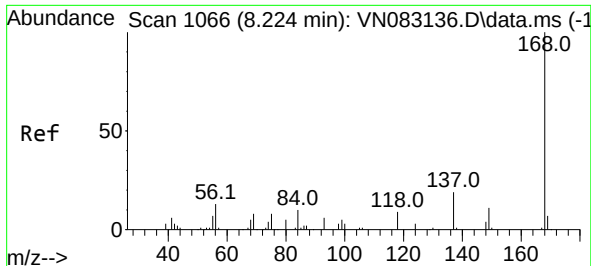
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	127497	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	248930	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	259832	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	115268	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	104589	57.632	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.260%			
35) Dibromofluoromethane	8.171	113	84138	54.151	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.300%			
50) Toluene-d8	10.565	98	308412	53.212	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.420%			
62) 4-Bromofluorobenzene	12.853	95	127862	56.586	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 113.180%			
Target Compounds			Qvalue			
3) Chloromethane	2.365	50	478	0.323	ug/l #	43
6) Chloroethane	3.130	64	385	0.407	ug/l #	41
13) Acrolein	4.177	56	77	0.313	ug/l #	14
16) Acetone	4.442	43	1466	2.064	ug/l	92
20) Methylene Chloride	5.283	84	949	0.581	ug/l #	59
31) Cyclohexane	8.230	56	3575	1.329	ug/l #	39
36) 1,1-Dichloropropene	8.224	75	11007	4.683	ug/l #	50
38) Carbon Tetrachloride	8.230	117	14683	5.546	ug/l #	19
43) Isopropyl Acetate	8.700	43	592	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.571	43	1534	0.616	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	70265	27.774	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	70265	60.416	ug/l #	6

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

Quant Time: Aug 16 03:58:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
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QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration

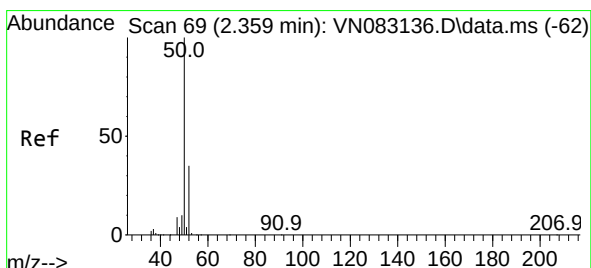
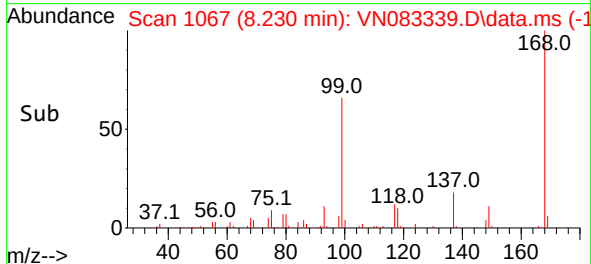
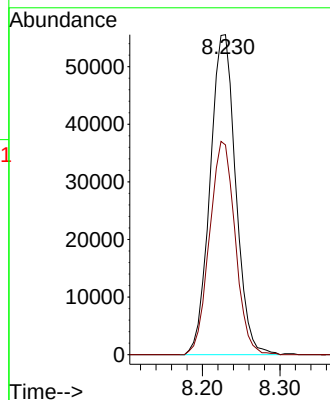
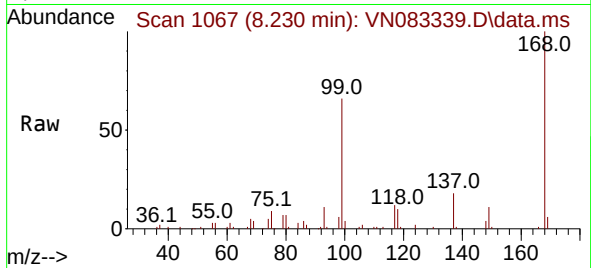




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN083339.D
Acq: 15 Aug 2024 18:26

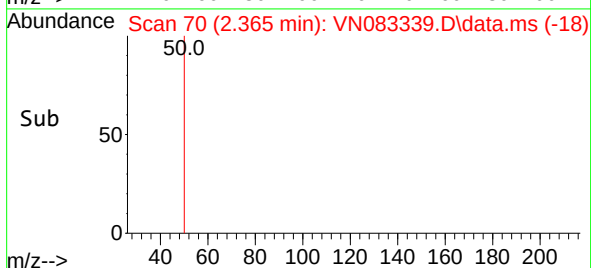
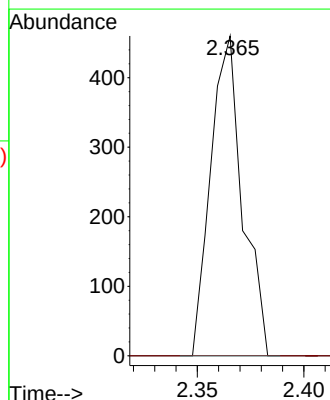
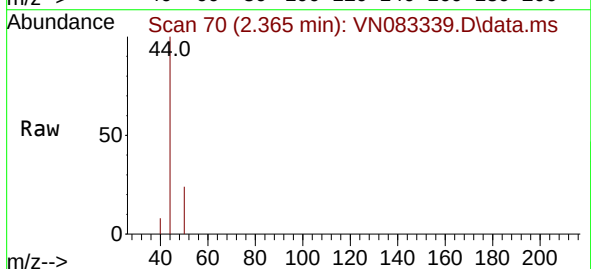
Instrument :
MSVOA_N
ClientSampleId :
BP-TB-20240813

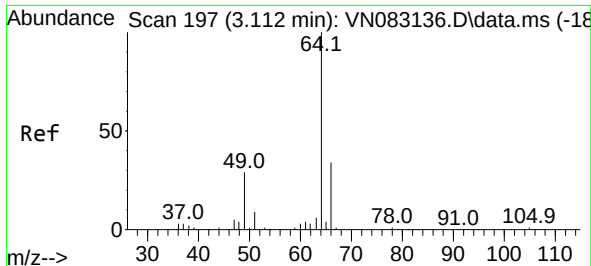
Tgt Ion:168 Resp: 127497
Ion Ratio Lower Upper
168 100
99 65.6 48.2 72.4



#3
Chloromethane
Concen: 0.323 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083339.D
Acq: 15 Aug 2024 18:26

Tgt Ion: 50 Resp: 478
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

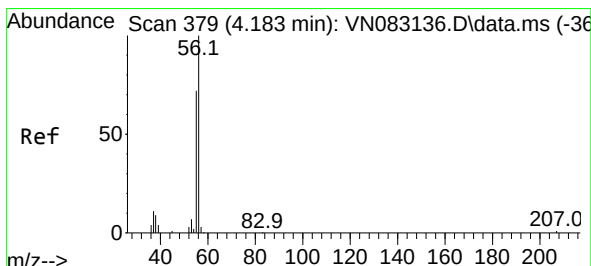
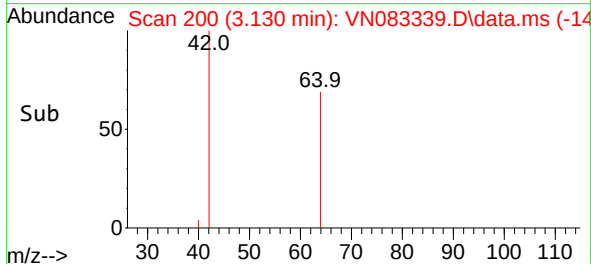
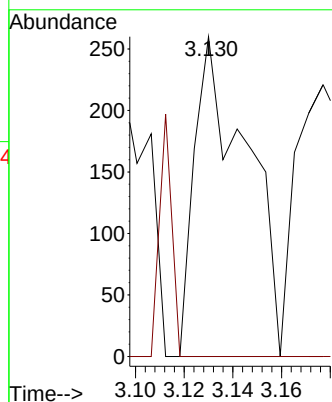
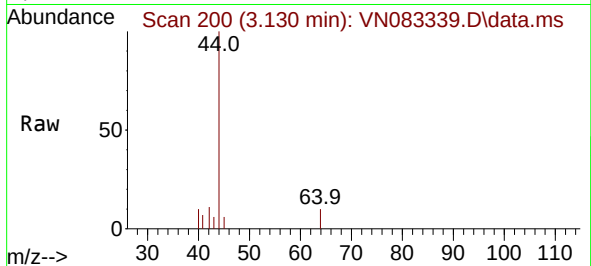




#6
Chloroethane
Concen: 0.407 ug/l
RT: 3.130 min Scan# 20
Delta R.T. 0.018 min
Lab File: VN083339.D
Acq: 15 Aug 2024 18:26

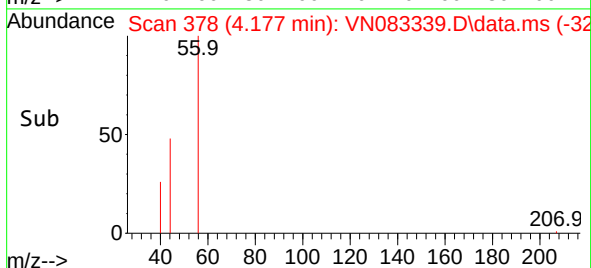
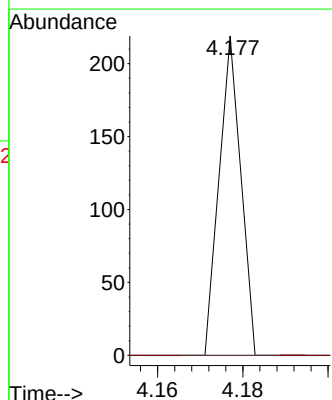
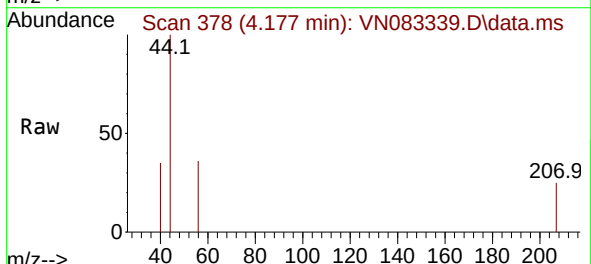
Instrument :
MSVOA_N
ClientSampleId :
BP-TB-20240813

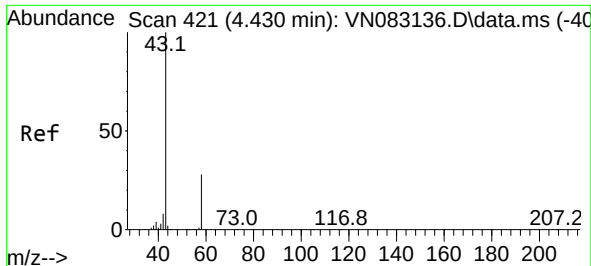
Tgt Ion: 64 Resp: 385
Ion Ratio Lower Upper
64 100
66 0.0 26.6 40.0#



#13
Acrolein
Concen: 0.313 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.006 min
Lab File: VN083339.D
Acq: 15 Aug 2024 18:26

Tgt Ion: 56 Resp: 77
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

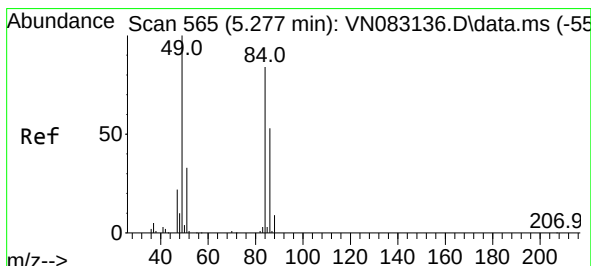
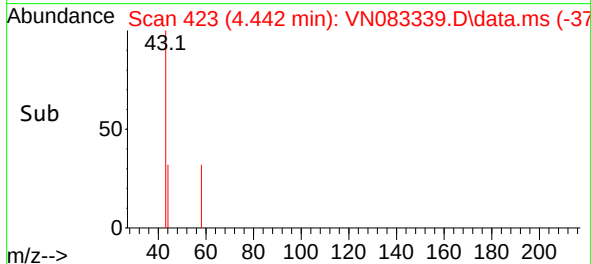
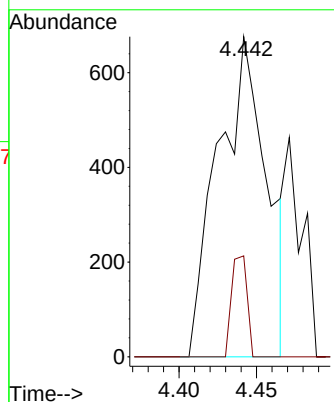
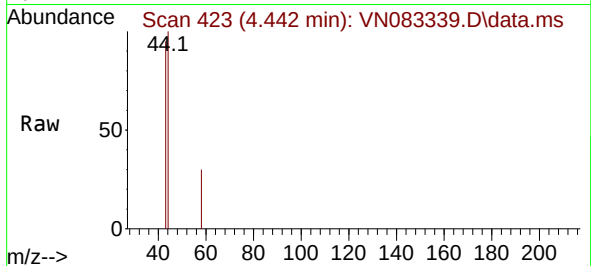




#16
Acetone
Concen: 2.064 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN083339.D
Acq: 15 Aug 2024 18:26

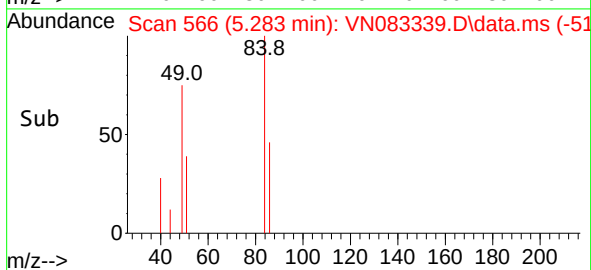
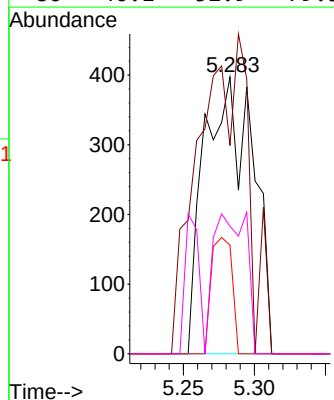
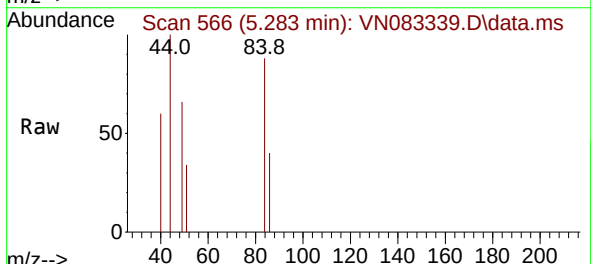
Instrument :
MSVOA_N
ClientSampleId :
BP-TB-20240813

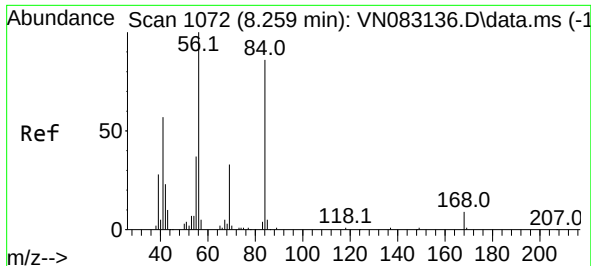
Tgt Ion: 43 Resp: 1466
Ion Ratio Lower Upper
43 100
58 31.5 21.8 32.6



#20
Methylene Chloride
Concen: 0.581 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN083339.D
Acq: 15 Aug 2024 18:26

Tgt Ion: 84 Resp: 949
Ion Ratio Lower Upper
84 100
49 75.3 119.6 179.4#
51 39.3 34.8 52.2
86 46.1 52.9 79.3#

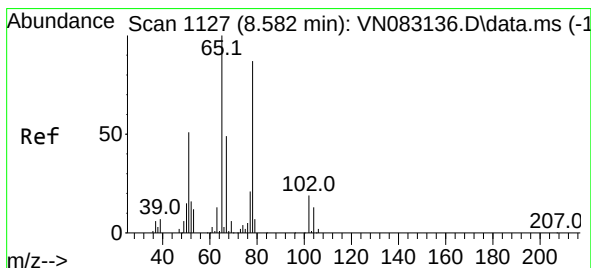
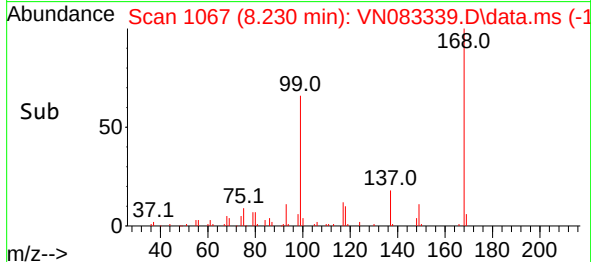
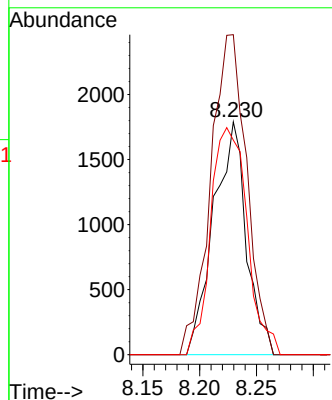
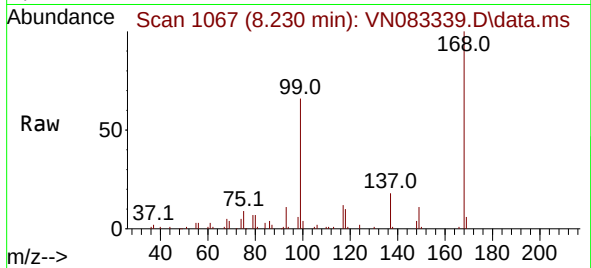




#31
Cyclohexane
Concen: 1.329 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN083339.D
Acq: 15 Aug 2024 18:26

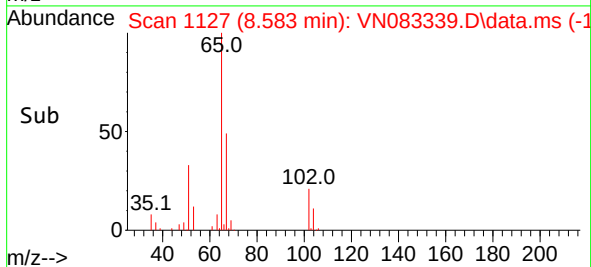
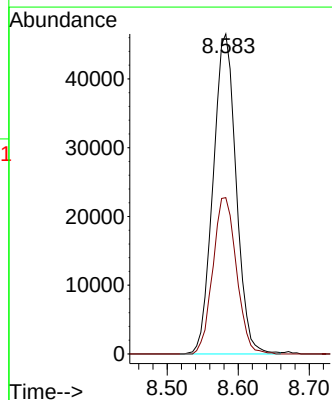
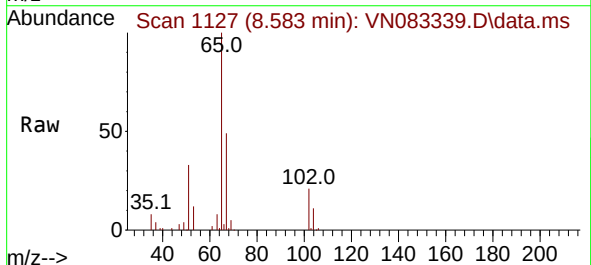
Instrument :
MSVOA_N
ClientSampleId :
BP-TB-20240813

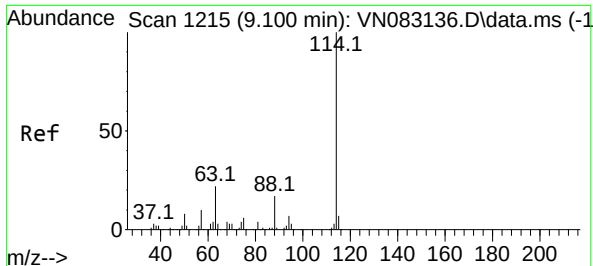
Tgt Ion: 56 Resp: 3575
Ion Ratio Lower Upper
56 100
69 137.4 24.5 36.7#
84 92.2 66.0 99.0



#33
1,2-Dichloroethane-d4
Concen: 57.632 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN083339.D
Acq: 15 Aug 2024 18:26

Tgt Ion: 65 Resp: 104589
Ion Ratio Lower Upper
65 100
67 50.1 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083339.D

Acq: 15 Aug 2024 18:26

Instrument :

MSVOA_N

ClientSampleId :

BP-TB-20240813

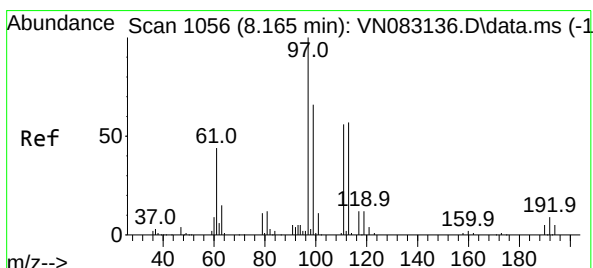
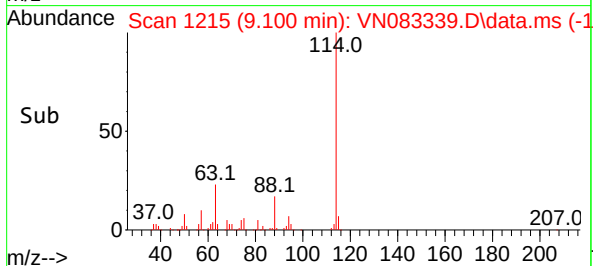
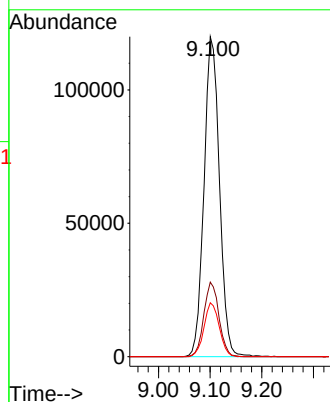
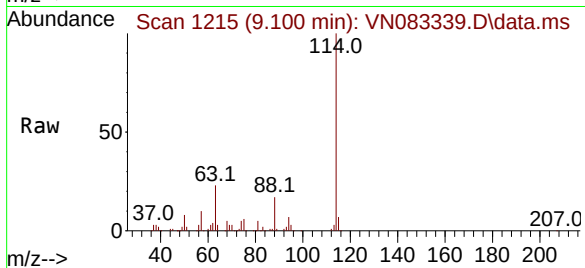
Tgt Ion:114 Resp: 248930

Ion Ratio Lower Upper

114 100

63 23.3 0.0 44.6

88 16.9 0.0 31.4



#35

Dibromofluoromethane

Concen: 54.151 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083339.D

Acq: 15 Aug 2024 18:26

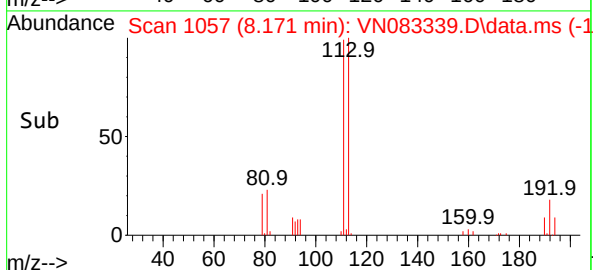
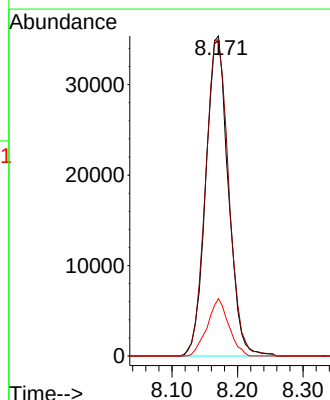
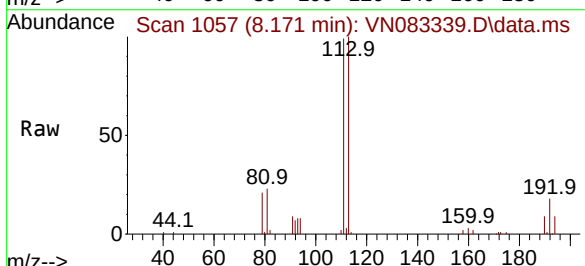
Tgt Ion:113 Resp: 84138

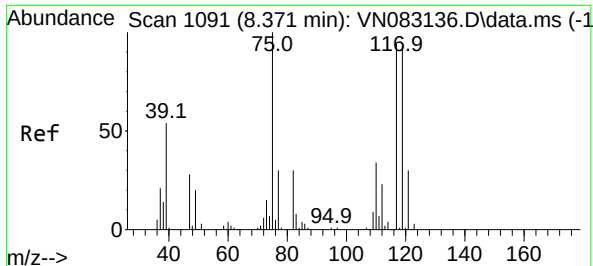
Ion Ratio Lower Upper

113 100

111 102.5 82.4 123.6

192 17.1 14.9 22.3





#36

1,1-Dichloropropene

Concen: 4.683 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083339.D

Acq: 15 Aug 2024 18:26

Instrument :

MSVOA_N

ClientSampleId :

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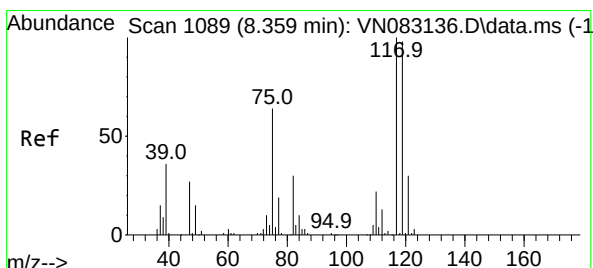
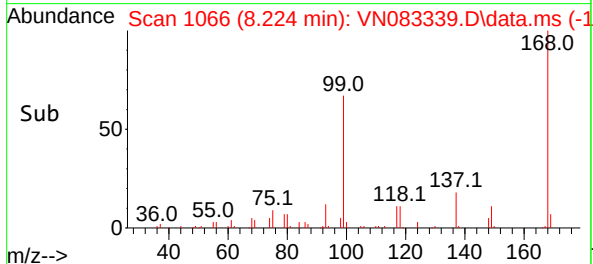
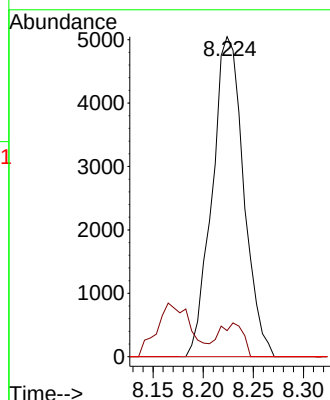
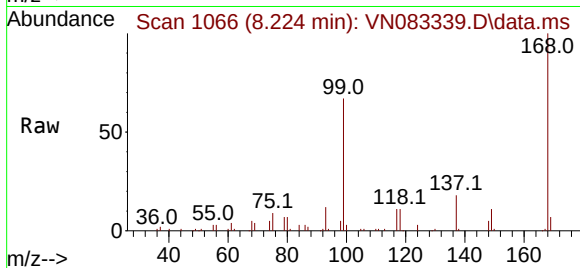
Tgt Ion: 75 Resp: 11007

Ion Ratio Lower Upper

75 100

110 8.0 16.3 48.9#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.546 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.129 min

Lab File: VN083339.D

Acq: 15 Aug 2024 18:26

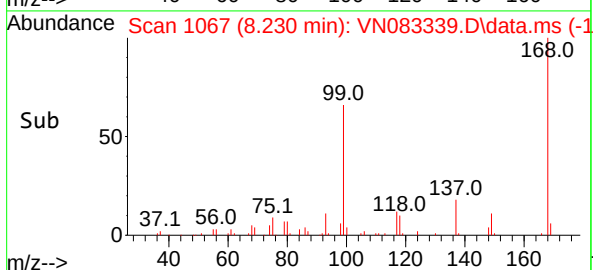
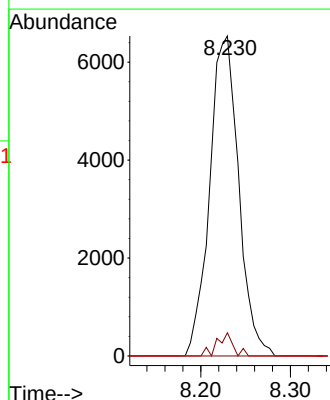
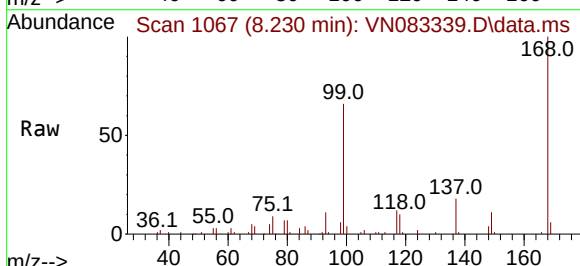
Tgt Ion: 117 Resp: 14683

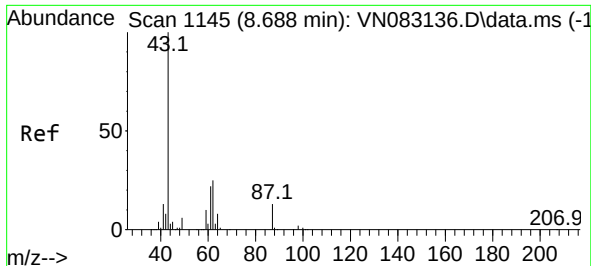
Ion Ratio Lower Upper

117 100

119 7.2 74.9 112.3#

121 0.0 24.3 36.5#

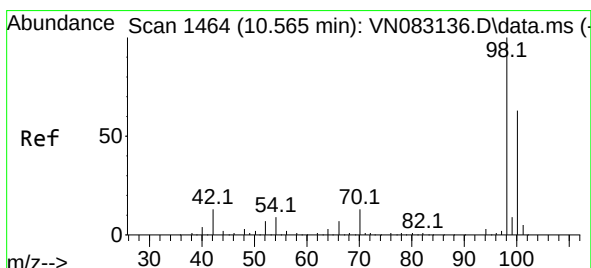
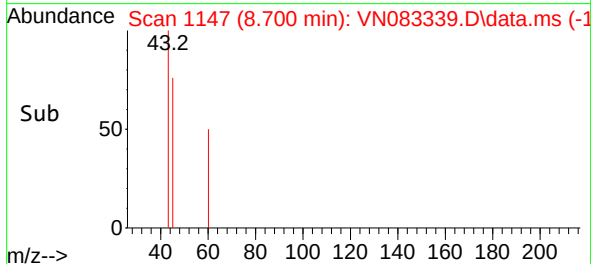
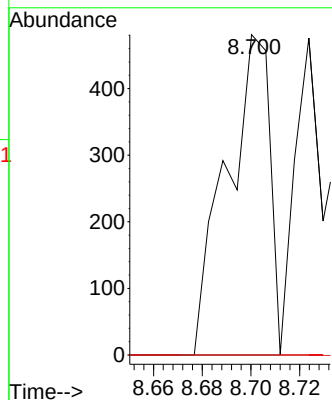
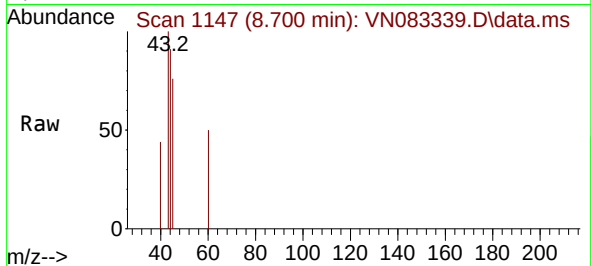




#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.700 min Scan# 1145
Delta R.T. 0.012 min
Lab File: VN083339.D
Acq: 15 Aug 2024 18:26

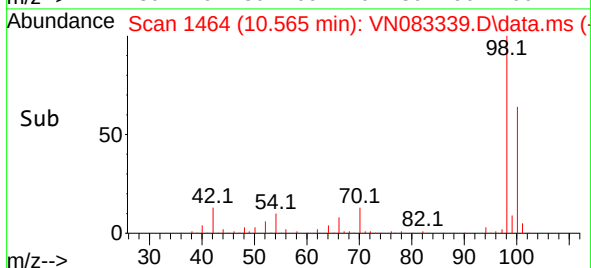
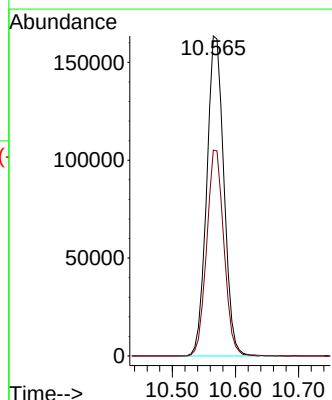
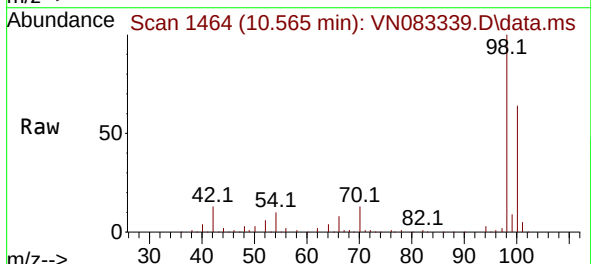
Instrument :
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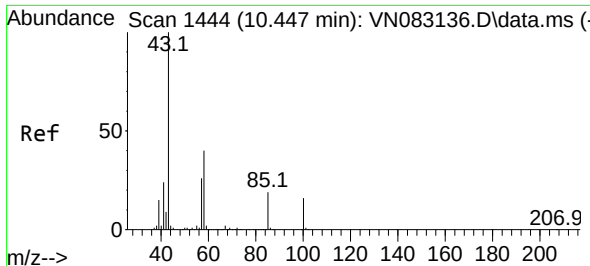
Tgt Ion: 43 Resp: 592
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 53.212 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083339.D
Acq: 15 Aug 2024 18:26

Tgt Ion: 98 Resp: 308412
Ion Ratio Lower Upper
98 100
100 64.4 51.5 77.3

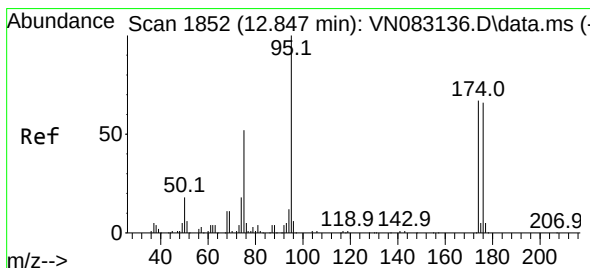
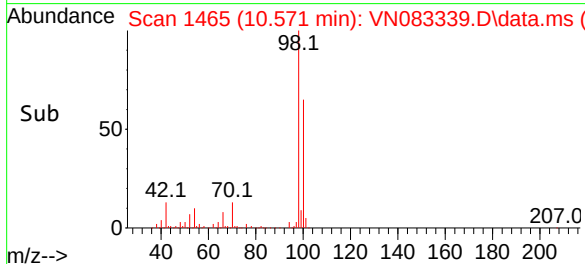
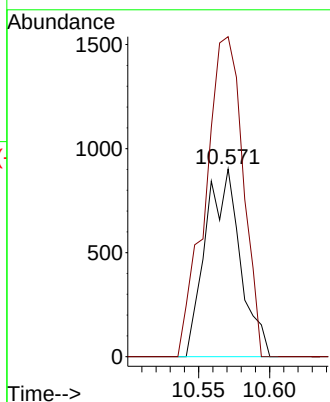
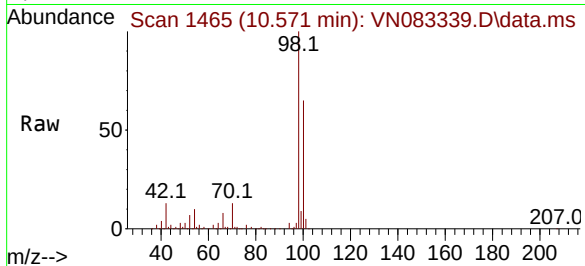




#51
4-Methyl-2-Pentanone
Concen: 0.616 ug/l
RT: 10.571 min Scan# 1444
Delta R.T. 0.124 min
Lab File: VN083339.D
Acq: 15 Aug 2024 18:26

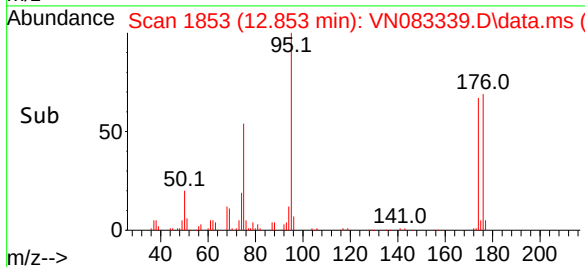
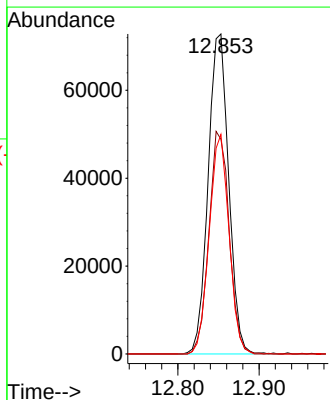
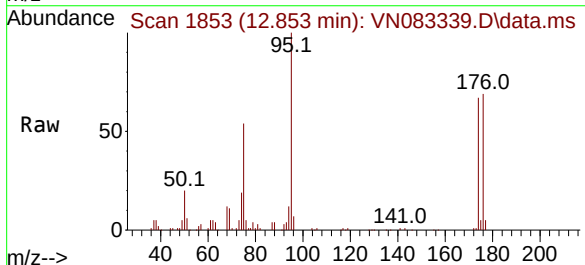
Instrument :
MSVOA_N
ClientSampleId :
BP-TB-20240813

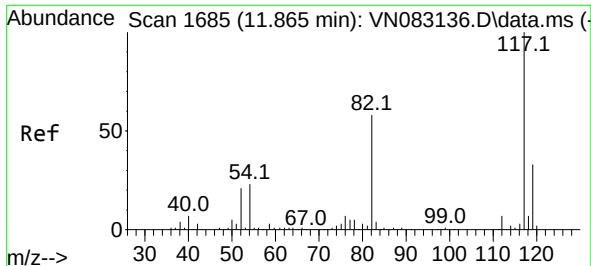
Tgt Ion: 43 Resp: 1534
Ion Ratio Lower Upper
43 100
58 184.6 28.2 42.4#



#62
4-Bromofluorobenzene
Concen: 56.586 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083339.D
Acq: 15 Aug 2024 18:26

Tgt Ion: 95 Resp: 127862
Ion Ratio Lower Upper
95 100
174 68.7 0.0 159.2
176 65.9 0.0 147.6

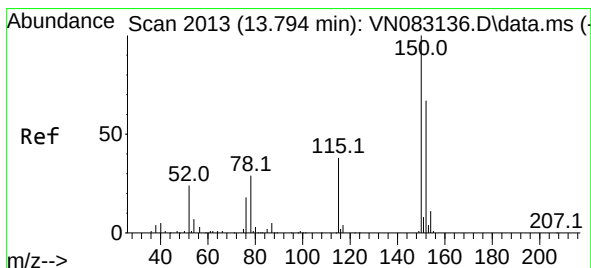
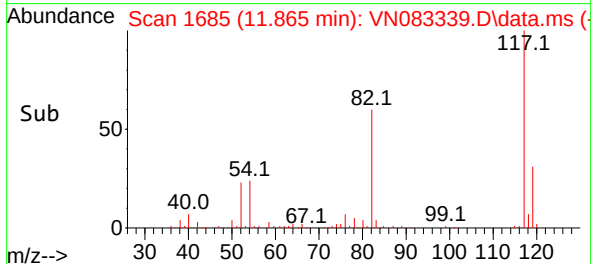
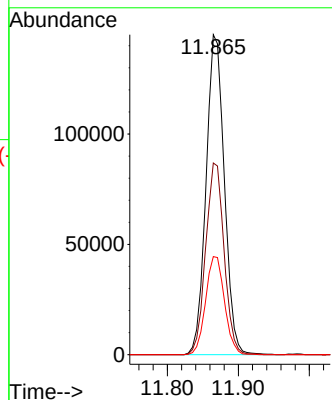
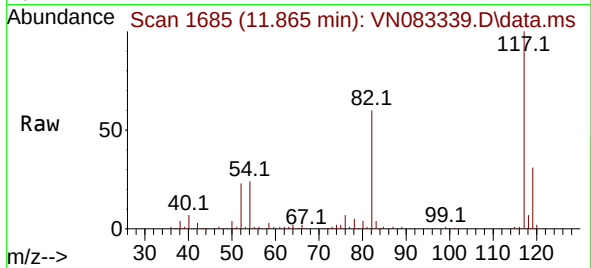




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083339.D
Acq: 15 Aug 2024 18:26

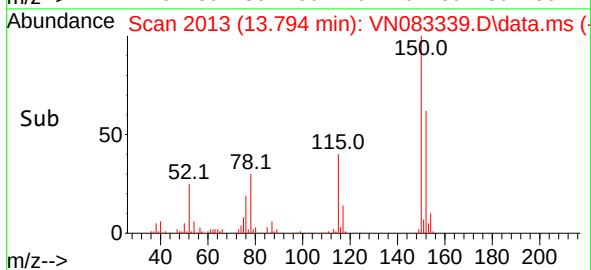
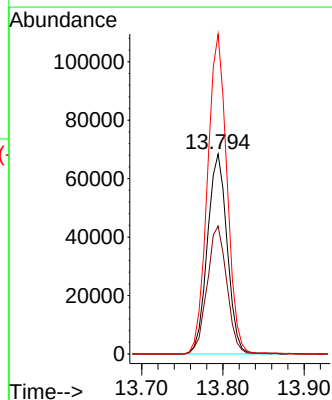
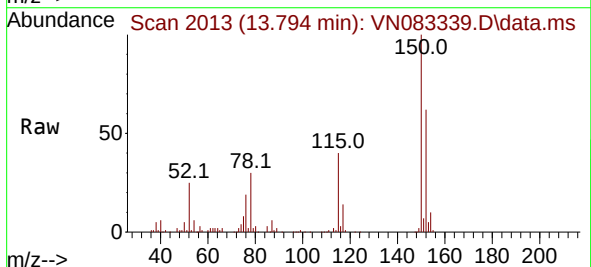
Instrument :
MSVOA_N
ClientSampleId :
BP-TB-20240813

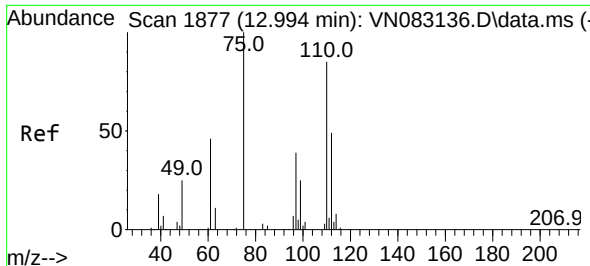
Tgt Ion:117 Resp: 259832
Ion Ratio Lower Upper
117 100
82 59.9 47.5 71.3
119 30.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN083339.D
Acq: 15 Aug 2024 18:26

Tgt Ion:152 Resp: 115268
Ion Ratio Lower Upper
152 100
115 64.2 30.6 91.6
150 157.7 0.0 348.6

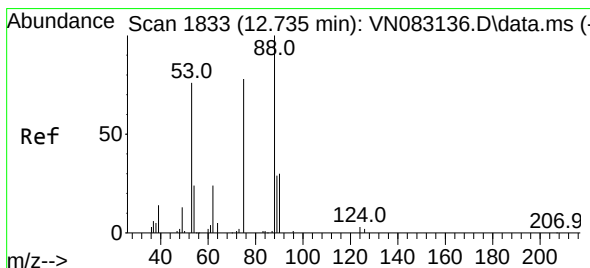
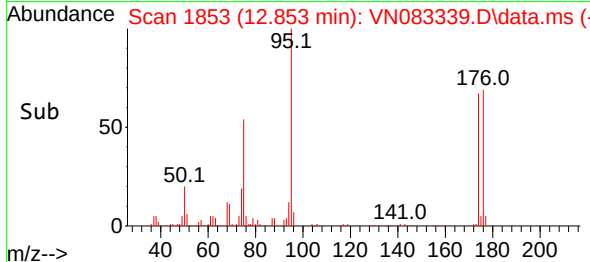
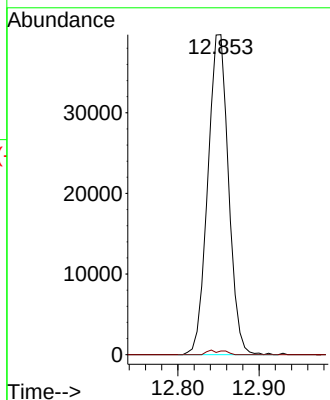
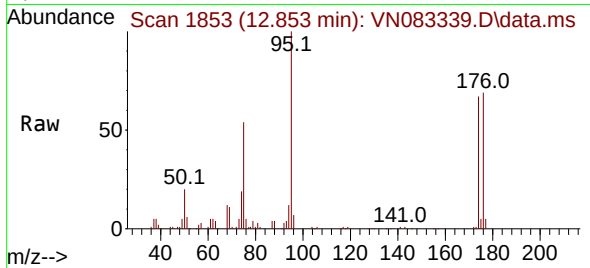




#76
1,2,3-Trichloropropane
Concen: 27.774 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN083339.D
Acq: 15 Aug 2024 18:26

Instrument :
MSVOA_N
ClientSampleId :
BP-TB-20240813

Tgt Ion: 75 Resp: 70265
Ion Ratio Lower Upper
75 100
77 1.2 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.416 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN083339.D
Acq: 15 Aug 2024 18:26

Tgt Ion: 75 Resp: 70265
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

