

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082521\
 Data File : VN068304.D
 Acq On : 25 Aug 2021 16:51
 Operator : JC/MD
 Sample : M3534-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-VPB-RW7-DUP-20210823

Quant Time: Aug 26 05:39:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

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

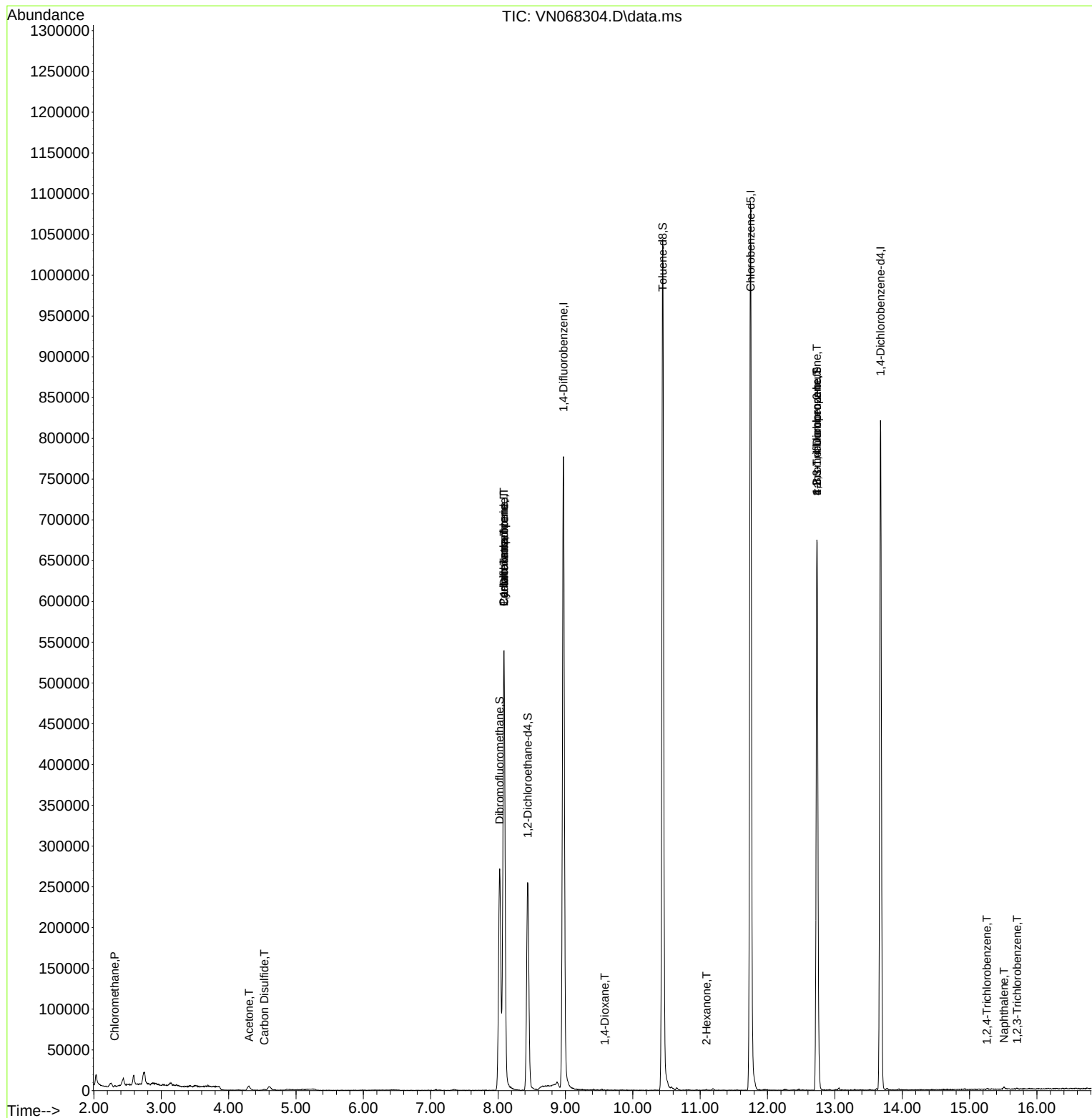
Internal Standards						
1) Pentafluorobenzene	8.088	168	446358	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	742252	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	722841	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	245616	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	221467	46.469	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.940%		
35) Dibromofluoromethane	8.024	113	200842	43.099	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	86.200%		
50) Toluene-d8	10.443	98	783501	44.125	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	88.240%		
62) 4-Bromofluorobenzene	12.733	95	236619	40.030	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	80.060%		
Target Compounds			Qvalue			
3) Chloromethane	2.306	50	1498	0.375	ug/l	99
5) Bromomethane	2.877	94	1877	Below Cal	#	58
6) Chloroethane	2.880	64	64	Below Cal	#	44
13) Acrolein	4.038	56	26	Below Cal	#	14
16) Acetone	4.301	43	10188	7.322	ug/l	# 83
17) Carbon Disulfide	4.529	76	2409	0.258	ug/l	# 74
18) Methyl Acetate	4.862	43	1297	Below Cal	#	69
20) Methylene Chloride	5.087	84	162	Below Cal	#	75
31) Cyclohexane	8.088	56	7574	1.207	ug/l	# 1
36) 1,1-Dichloropropene	8.086	75	29395	4.845	ug/l	# 53
38) Carbon Tetrachloride	8.088	117	41448	5.923	ug/l	# 18
49) 1,4-Dioxane	9.585	88	51	0.611	ug/l	# 1
59) 2-Hexanone	11.095	43	922	0.261	ug/l	71
76) 1,2,3-Trichloropropane	12.733	75	119955	29.384	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.733	75	119955	96.265	ug/l	# 6
93) 1,2,4-Trichlorobenzene	15.257	180	256	2.744	ug/l	# 82
95) Naphthalene	15.512	128	2591	3.595	ug/l	# 86
96) 1,2,3-Trichlorobenzene	15.705	180	492	2.951	ug/l	# 76

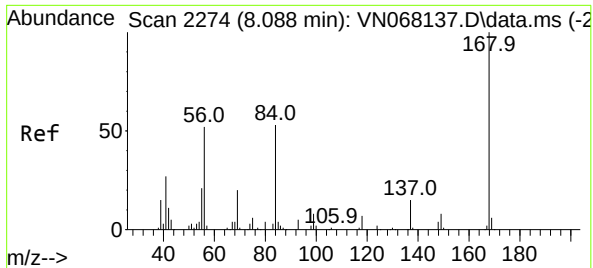
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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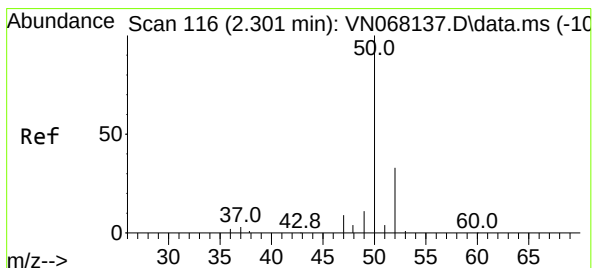
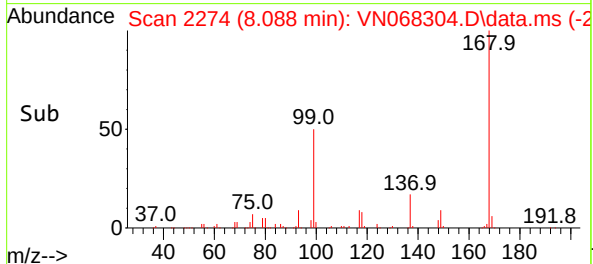
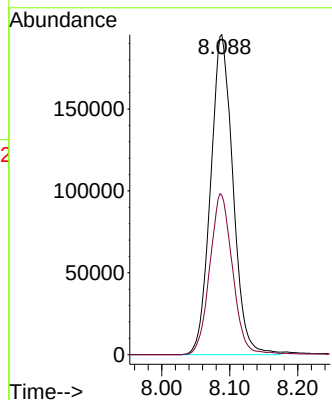
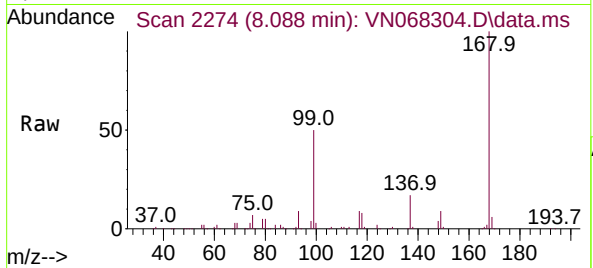




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068304.D
Acq: 25 Aug 2021 16:51

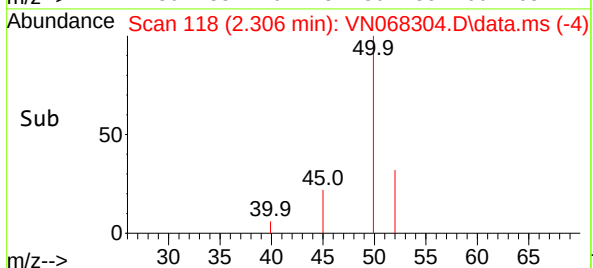
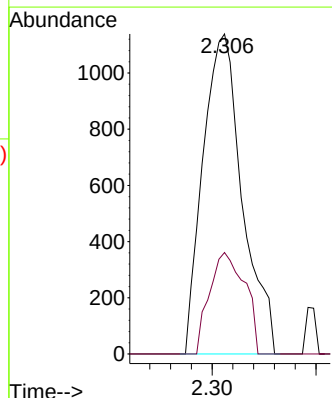
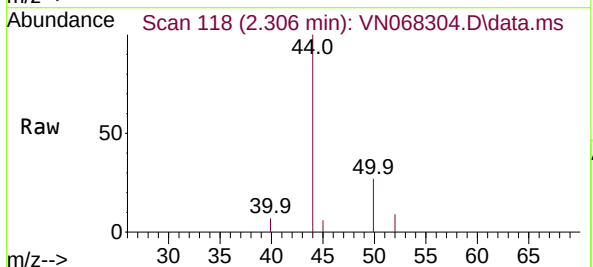
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-DUP-20210823

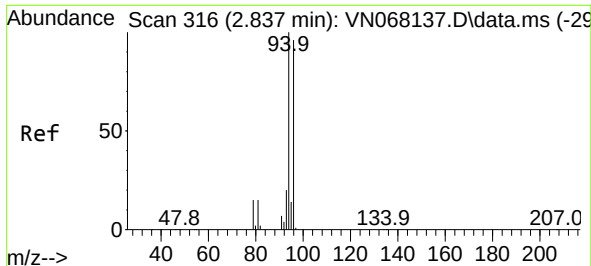
Tgt Ion:168 Resp: 446358
Ion Ratio Lower Upper
168 100
99 49.9 62.9 94.3#



#3
Chloromethane
Concen: 0.375 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.005 min
Lab File: VN068304.D
Acq: 25 Aug 2021 16:51

Tgt Ion: 50 Resp: 1498
Ion Ratio Lower Upper
50 100
52 31.7 25.6 38.4

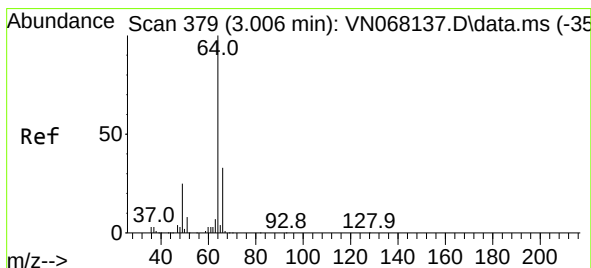
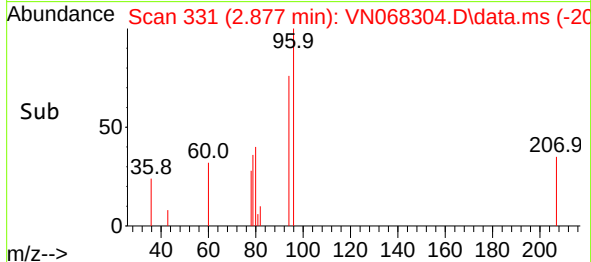
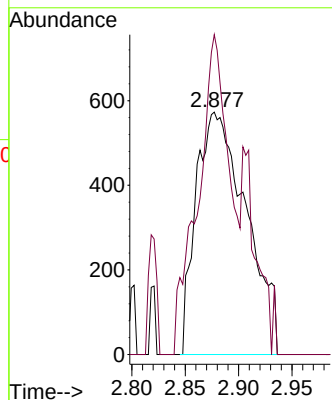
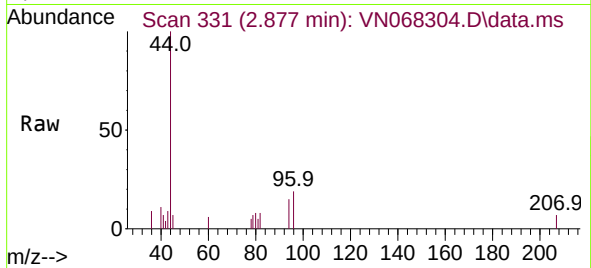




#5
Bromomethane
Concen: Below Cal
RT: 2.877 min Scan# 331
Delta R.T. 0.040 min
Lab File: VN068304.D
Acq: 25 Aug 2021 16:51

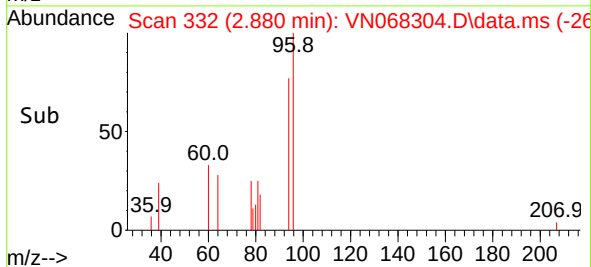
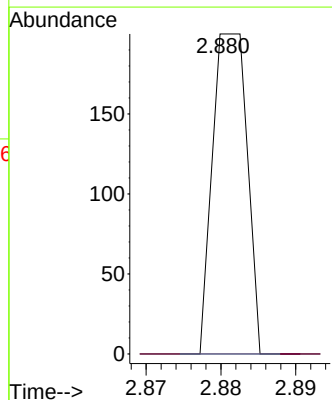
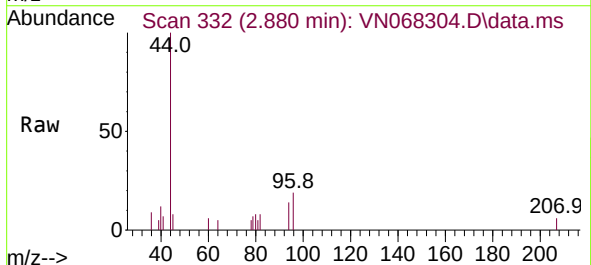
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-DUP-20210823

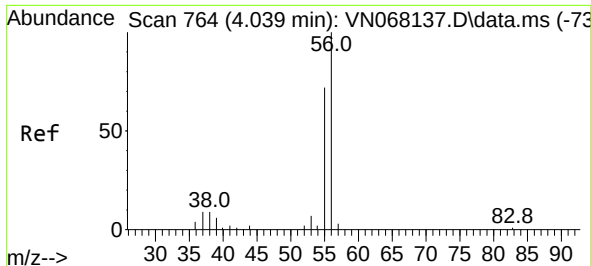
Tgt Ion: 94 Resp: 1877
Ion Ratio Lower Upper
94 100
96 131.9 73.7 110.5#



#6
Chloroethane
Concen: Below Cal
RT: 2.880 min Scan# 332
Delta R.T. -0.126 min
Lab File: VN068304.D
Acq: 25 Aug 2021 16:51

Tgt Ion: 64 Resp: 64
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#

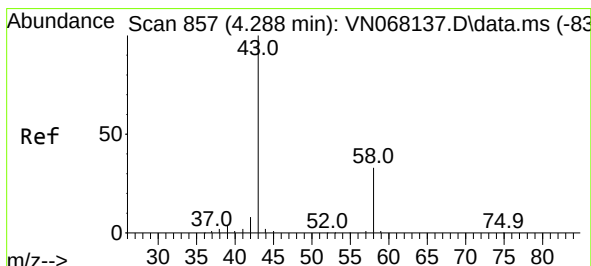
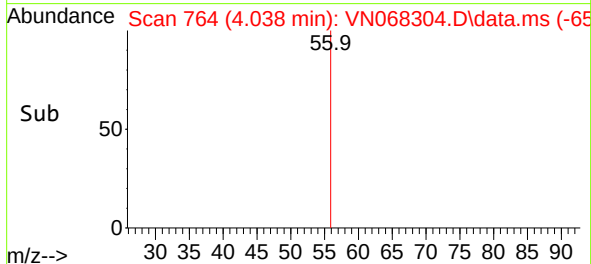
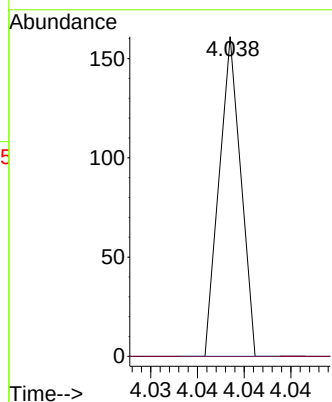
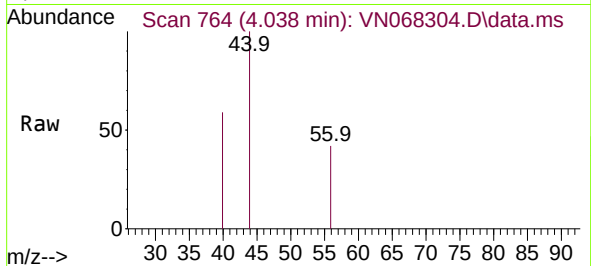




#13
Acrolein
Concen: Below Cal
RT: 4.038 min Scan# 764
Delta R.T. -0.001 min
Lab File: VN068304.D
Acq: 25 Aug 2021 16:51

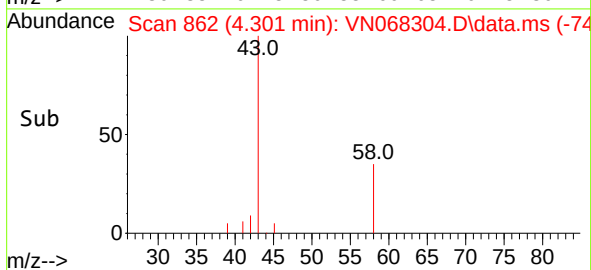
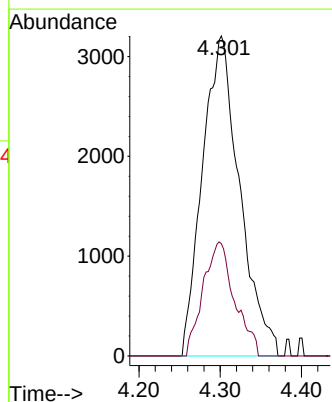
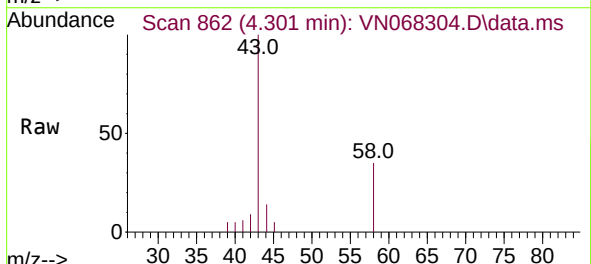
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-DUP-20210823

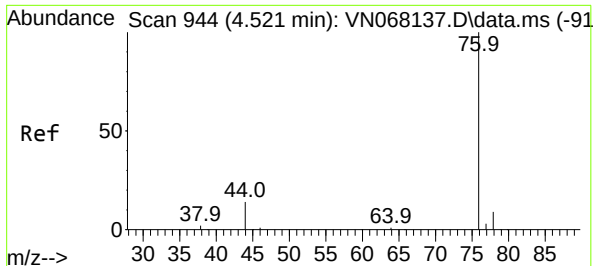
Tgt Ion: 56 Resp: 26
Ion Ratio Lower Upper
56 100
55 0.0 57.4 86.0#



#16
Acetone
Concen: 7.322 ug/l
RT: 4.301 min Scan# 862
Delta R.T. 0.013 min
Lab File: VN068304.D
Acq: 25 Aug 2021 16:51

Tgt Ion: 43 Resp: 10188
Ion Ratio Lower Upper
43 100
58 35.1 21.2 31.8#

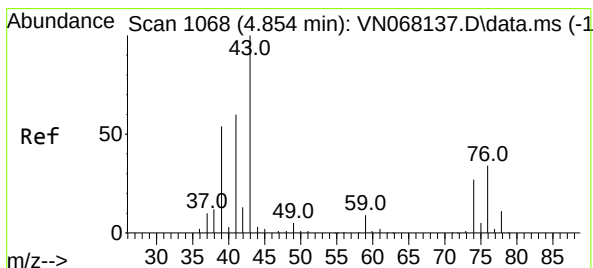
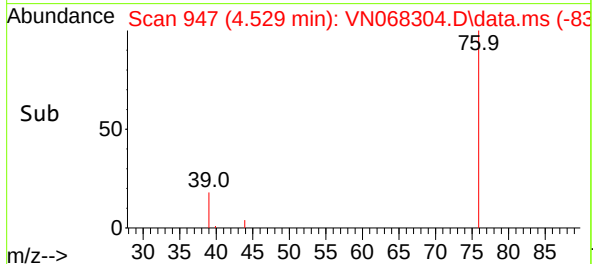
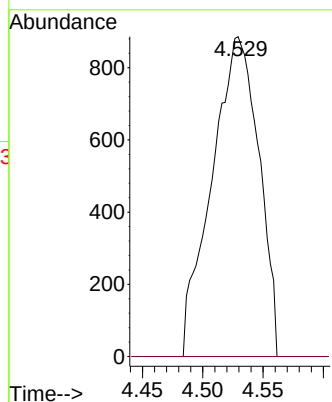
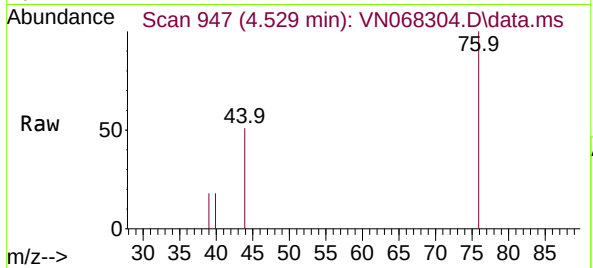




#17
Carbon Disulfide
Concen: 0.258 ug/l
RT: 4.529 min Scan# 947
Delta R.T. 0.008 min
Lab File: VN068304.D
Acq: 25 Aug 2021 16:51

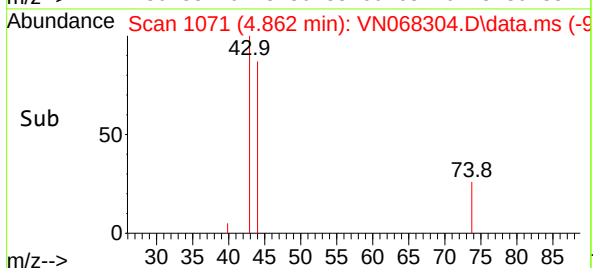
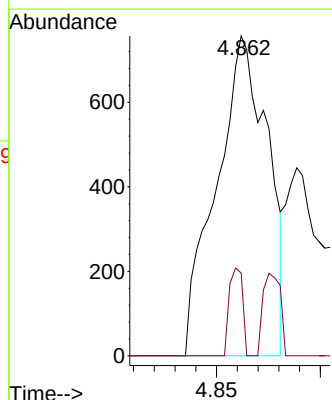
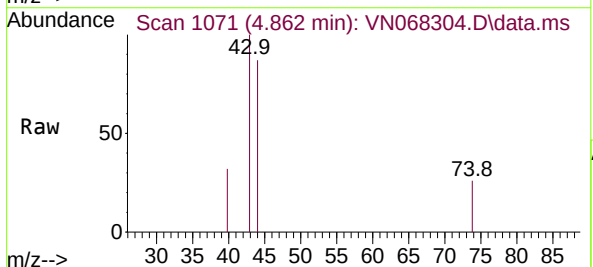
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-DUP-20210823

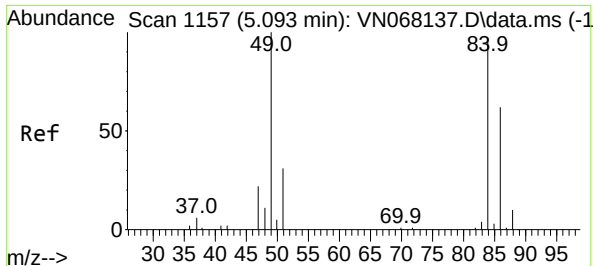
Tgt Ion: 76 Resp: 2409
Ion Ratio Lower Upper
76 100
78 0.0 7.7 11.5#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.862 min Scan# 1071
Delta R.T. 0.008 min
Lab File: VN068304.D
Acq: 25 Aug 2021 16:51

Tgt Ion: 43 Resp: 1297
Ion Ratio Lower Upper
43 100
74 7.2 17.4 26.0#





#20

Methylene Chloride

Concen: Below Cal

RT: 5.087 min Scan# 1155

Delta R.T. -0.006 min

Lab File: VN068304.D

Acq: 25 Aug 2021 16:51

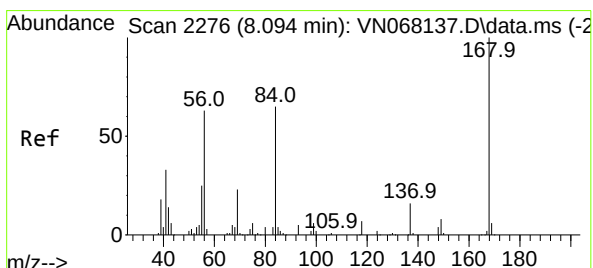
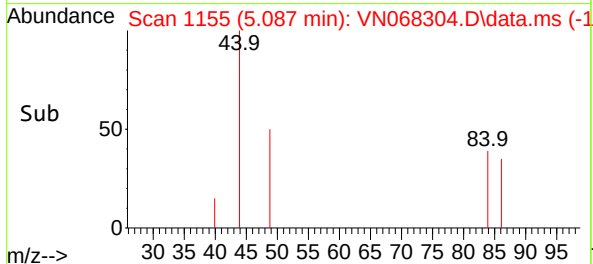
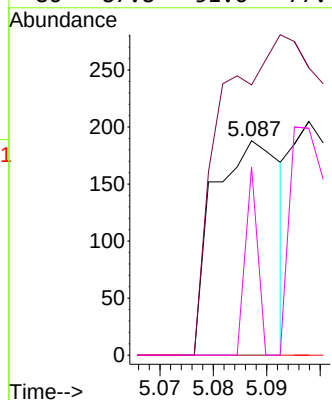
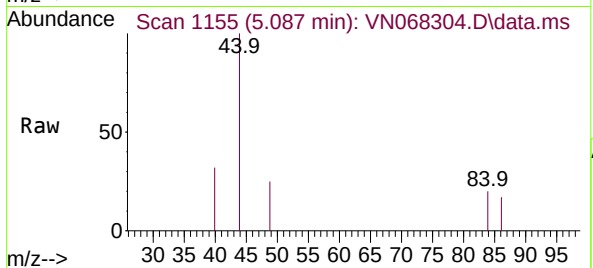
Instrument :

MSVOA_N

ClientSampleId :

BP-TT-VPB-RW7-DUP-20210823

Tgt Ion:	84	Resp:	162
Ion	Ratio	Lower	Upper
84	100		
49	126.1	110.9	166.3
51	0.0	32.6	49.0#
86	87.8	51.6	77.4#



#31

Cyclohexane

Concen: 1.207 ug/l

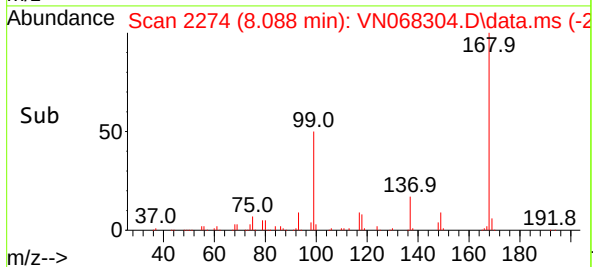
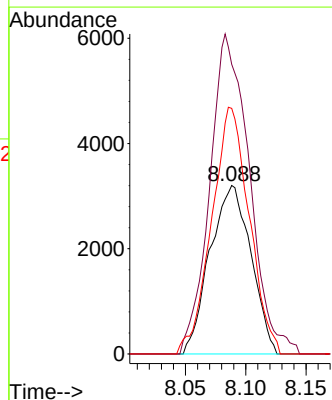
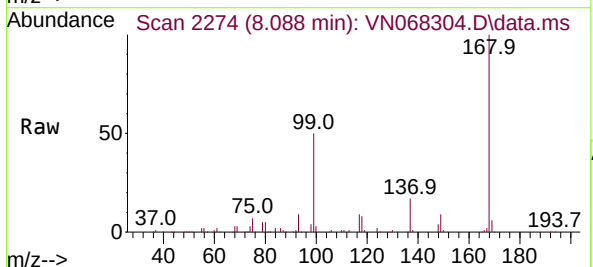
RT: 8.088 min Scan# 2274

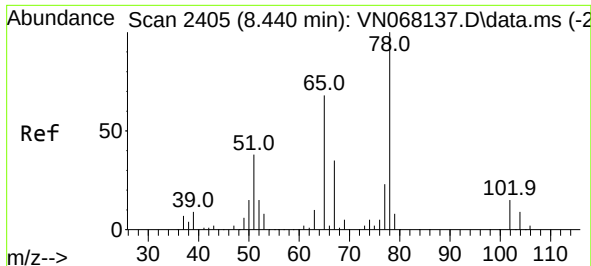
Delta R.T. -0.006 min

Lab File: VN068304.D

Acq: 25 Aug 2021 16:51

Tgt Ion:	56	Resp:	7574
Ion	Ratio	Lower	Upper
56	100		
69	171.9	27.3	40.9#
84	145.8	64.9	97.3#

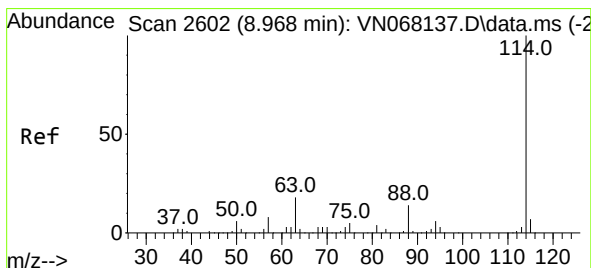
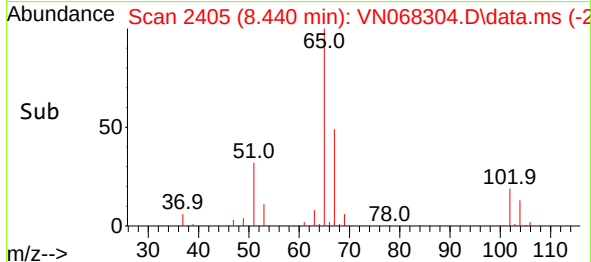
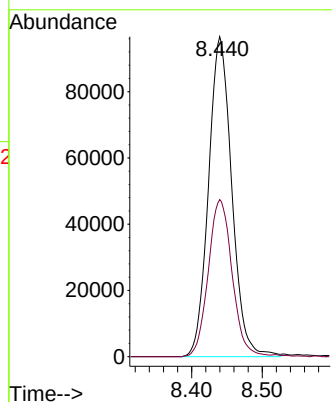
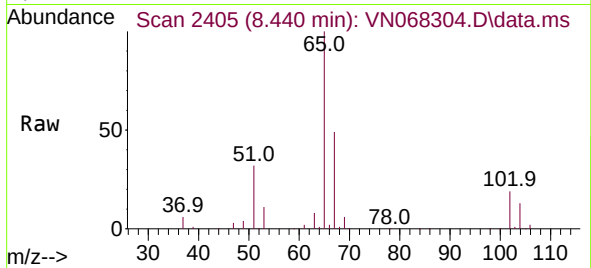




#33
 1,2-Dichloroethane-d4
 Concen: 46.469 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN068304.D
 Acq: 25 Aug 2021 16:51

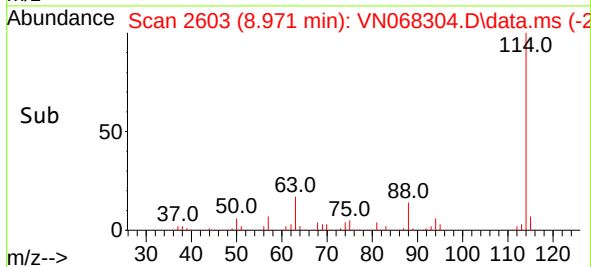
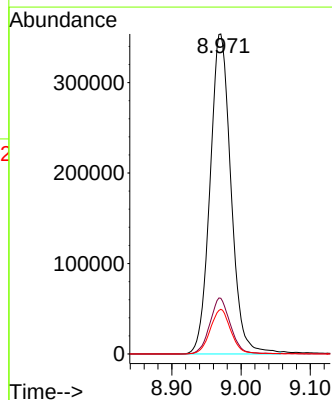
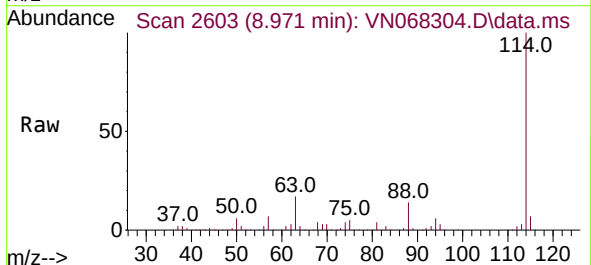
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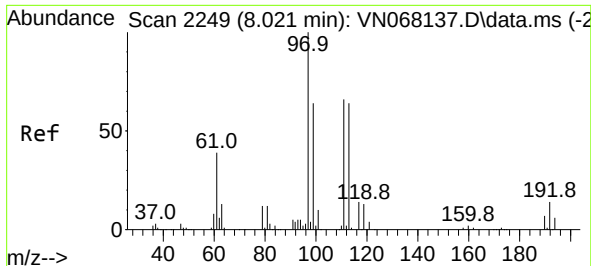
Tgt Ion: 65 Resp: 221467
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 98.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. 0.003 min
 Lab File: VN068304.D
 Acq: 25 Aug 2021 16:51

Tgt Ion: 114 Resp: 742252
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 49.0
 88 14.0 0.0 36.6

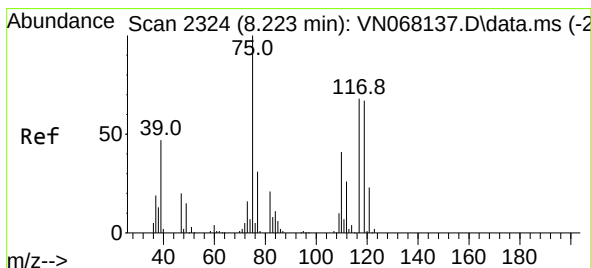
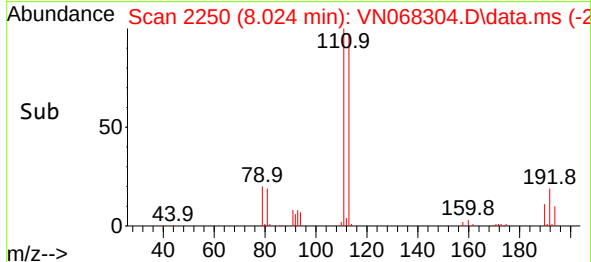
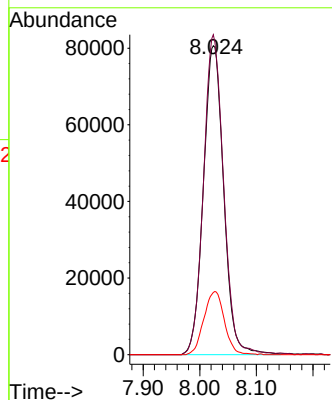
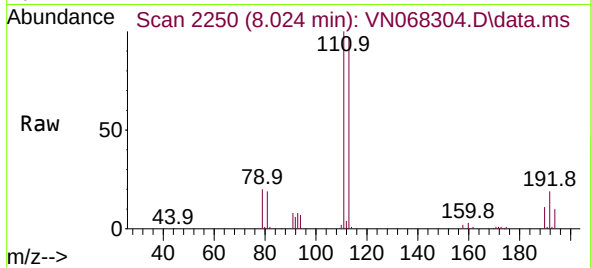




#35
Dibromofluoromethane
Concen: 43.099 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068304.D
Acq: 25 Aug 2021 16:51

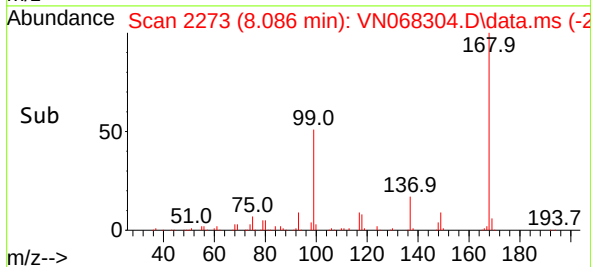
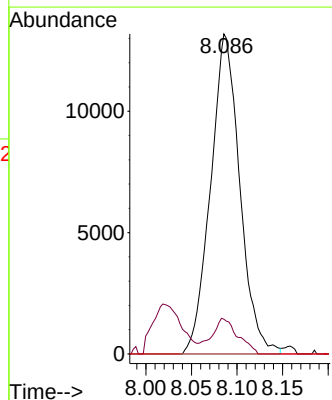
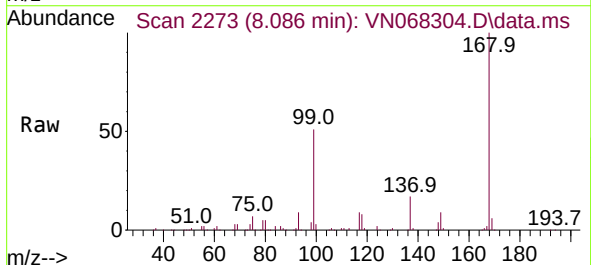
Instrument :
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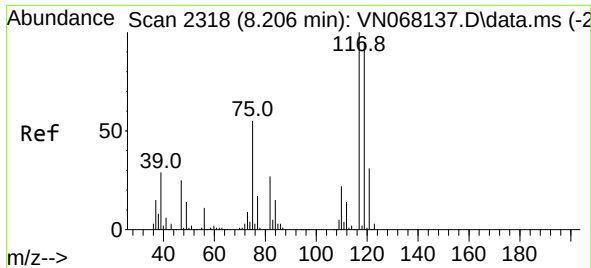
Tgt Ion:113 Resp: 200842
Ion Ratio Lower Upper
113 100
111 102.1 83.8 125.8
192 20.7 13.4 20.0#



#36
1,1-Dichloropropene
Concen: 4.845 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.137 min
Lab File: VN068304.D
Acq: 25 Aug 2021 16:51

Tgt Ion: 75 Resp: 29395
Ion Ratio Lower Upper
75 100
110 9.9 15.7 47.0#
77 0.0 24.6 37.0#

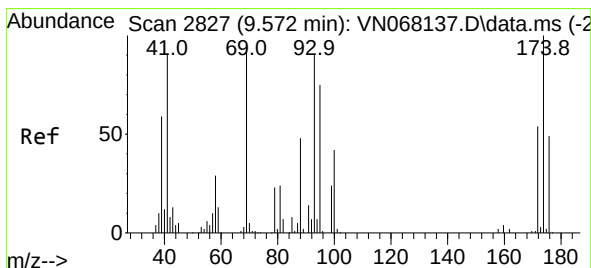
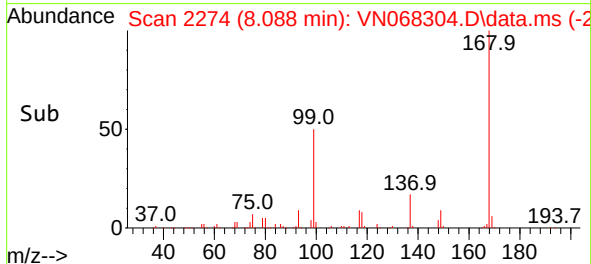
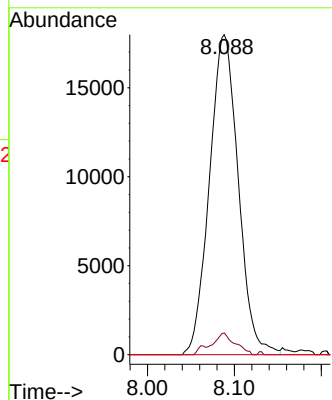
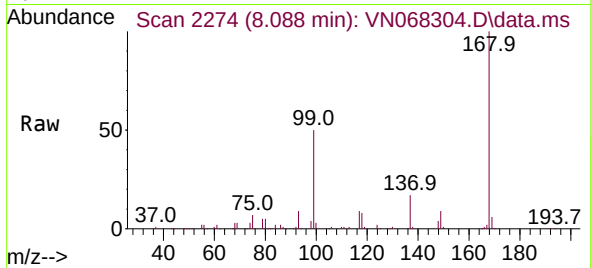




#38
Carbon Tetrachloride
Concen: 5.923 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.118 min
Lab File: VN068304.D
Acq: 25 Aug 2021 16:51

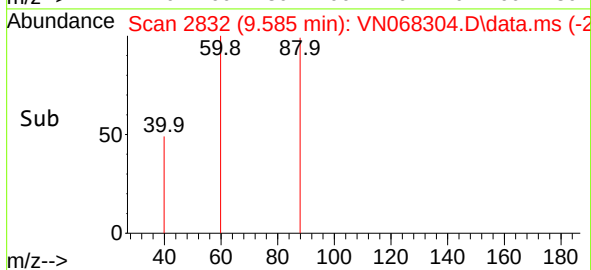
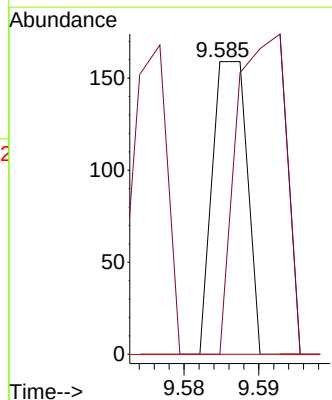
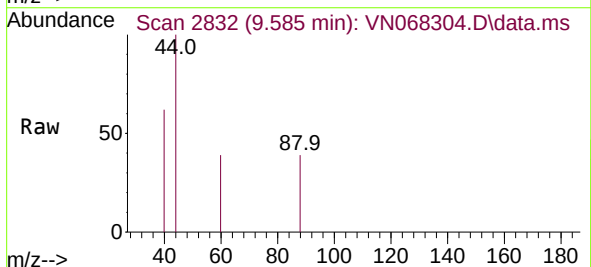
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-DUP-20210823

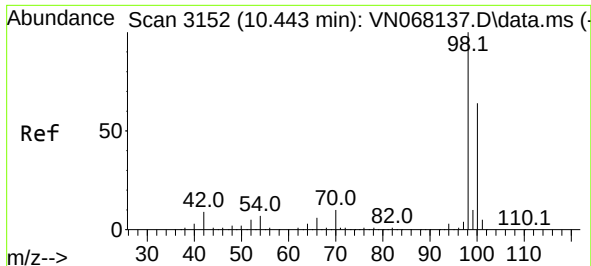
Tgt Ion:117 Resp: 41448
Ion Ratio Lower Upper
117 100
119 6.8 75.4 113.2#
121 0.0 23.5 35.3#



#49
1,4-Dioxane
Concen: 0.611 ug/l
RT: 9.585 min Scan# 2832
Delta R.T. 0.013 min
Lab File: VN068304.D
Acq: 25 Aug 2021 16:51

Tgt Ion: 88 Resp: 51
Ion Ratio Lower Upper
88 100
43 154.9 28.8 43.2#
58 0.0 60.4 90.6#

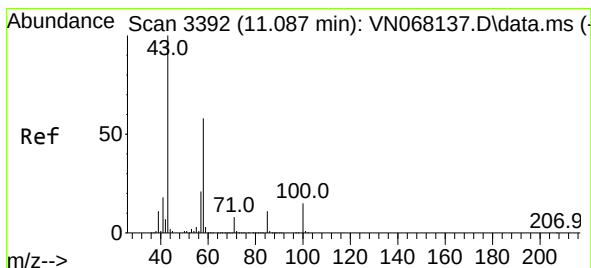
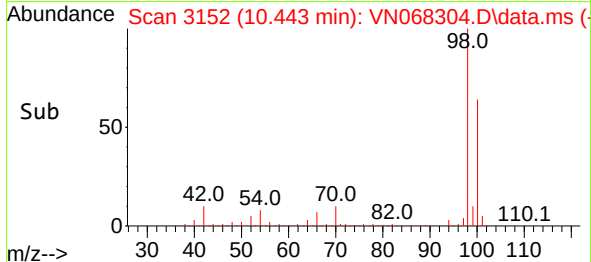
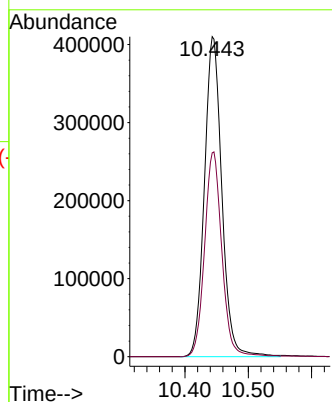
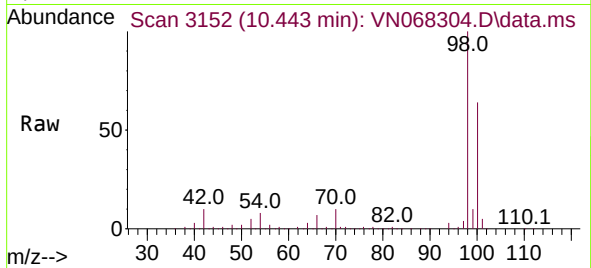




#50
Toluene-d8
Concen: 44.125 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068304.D
Acq: 25 Aug 2021 16:51

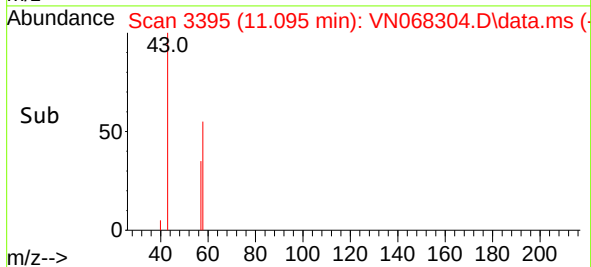
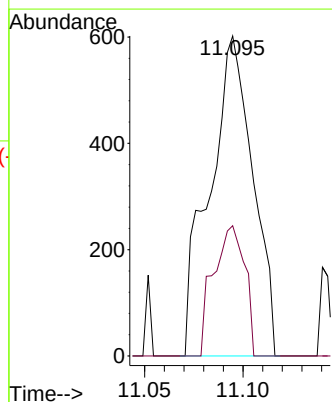
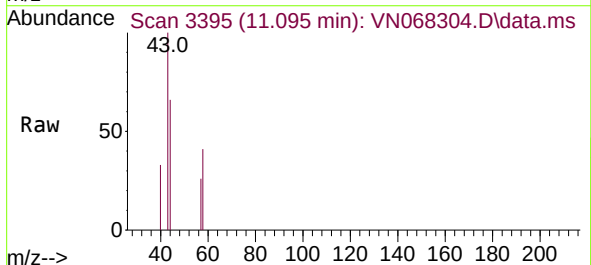
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-DUP-20210823

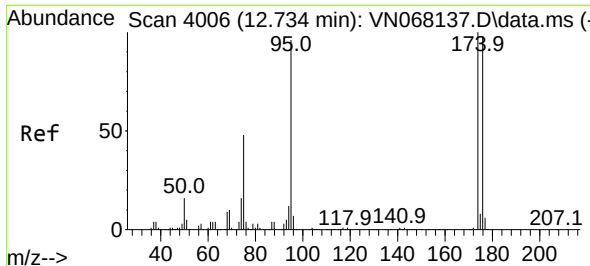
Tgt Ion: 98 Resp: 783501
Ion Ratio Lower Upper
98 100
100 63.2 51.7 77.5



#59
2-Hexanone
Concen: 0.261 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.008 min
Lab File: VN068304.D
Acq: 25 Aug 2021 16:51

Tgt Ion: 43 Resp: 922
Ion Ratio Lower Upper
43 100
58 29.4 24.7 74.1

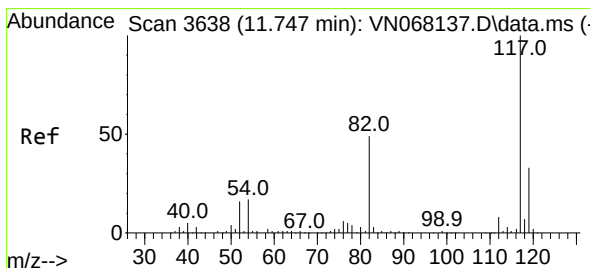
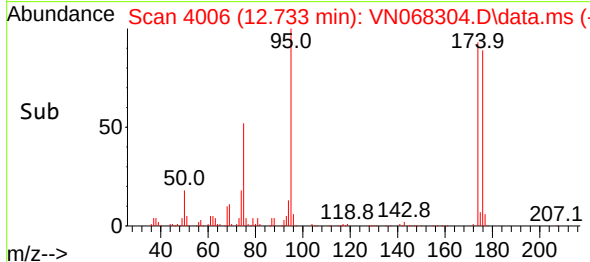
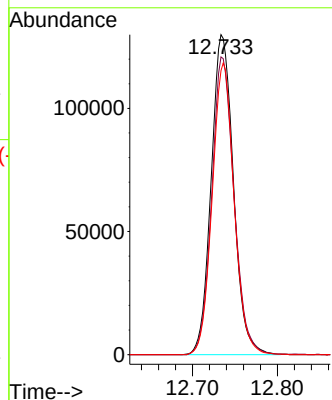
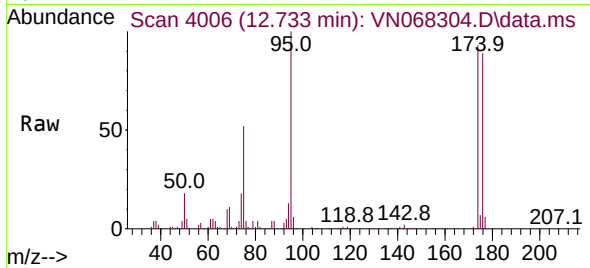




#62
4-Bromofluorobenzene
Concen: 40.030 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN068304.D
Acq: 25 Aug 2021 16:51

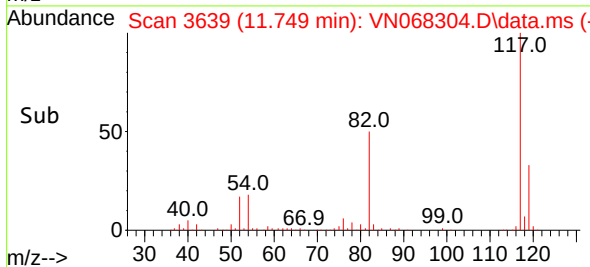
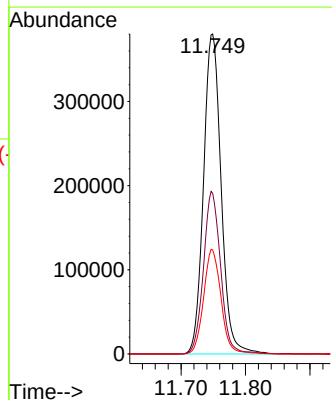
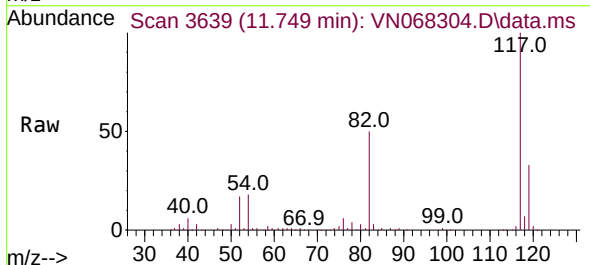
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-DUP-20210823

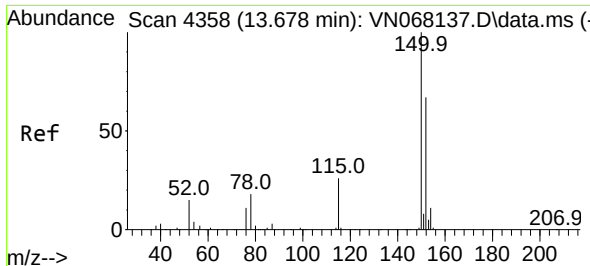
Tgt Ion: 95 Resp: 236619
Ion Ratio Lower Upper
95 100
174 93.0 0.0 122.0
176 89.6 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.002 min
Lab File: VN068304.D
Acq: 25 Aug 2021 16:51

Tgt Ion: 117 Resp: 722841
Ion Ratio Lower Upper
117 100
82 50.2 53.1 79.7#
119 32.5 25.5 38.3

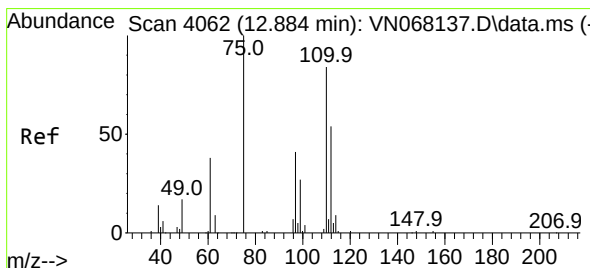
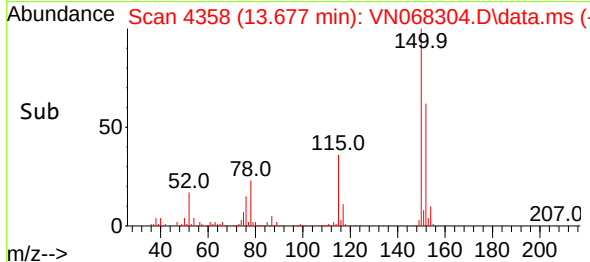
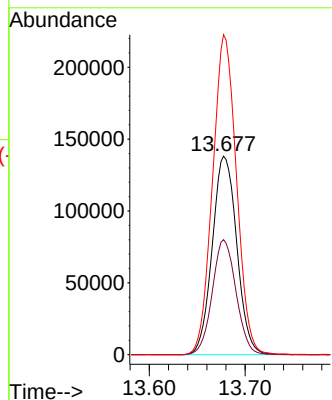
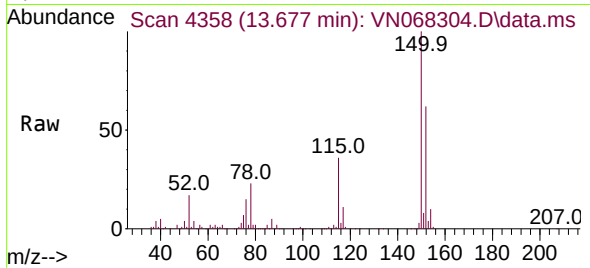




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. -0.001 min
Lab File: VN068304.D
Acq: 25 Aug 2021 16:51

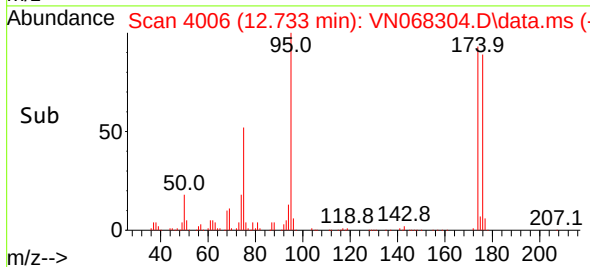
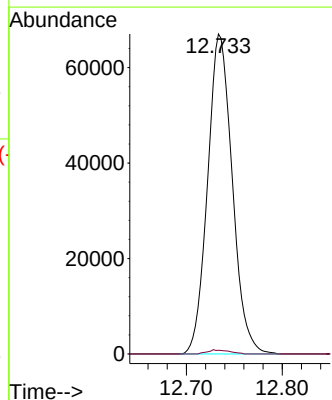
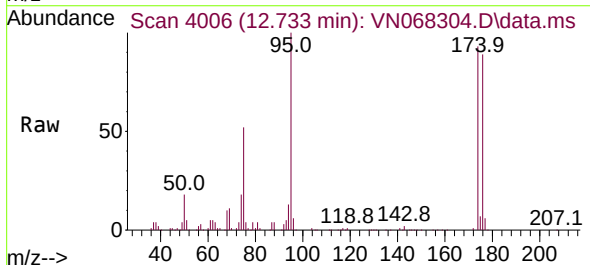
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-DUP-20210823

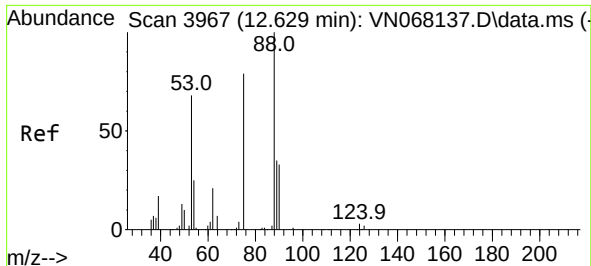
Tgt Ion:152 Resp: 245616
Ion Ratio Lower Upper
152 100
115 56.1 36.1 108.5
150 157.0 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 29.384 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.151 min
Lab File: VN068304.D
Acq: 25 Aug 2021 16:51

Tgt Ion: 75 Resp: 119955
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#

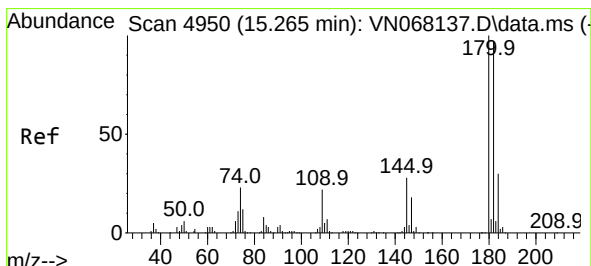
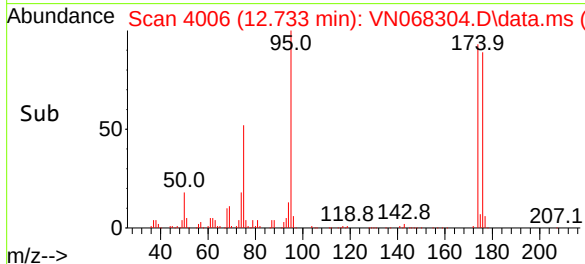
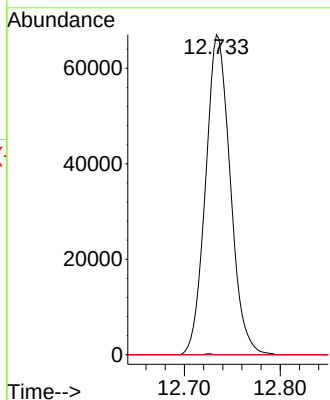
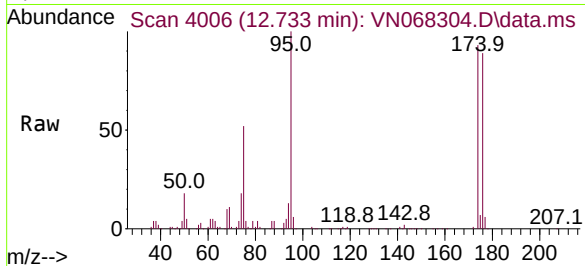




#81
trans-1,4-Dichloro-2-butene
Concen: 96.265 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN068304.D
Acq: 25 Aug 2021 16:51

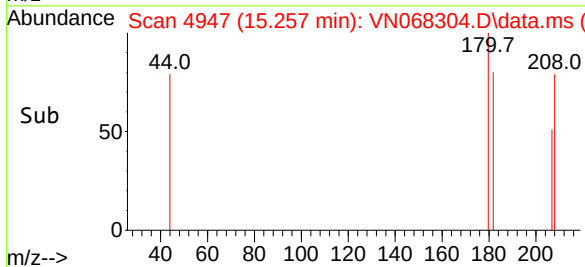
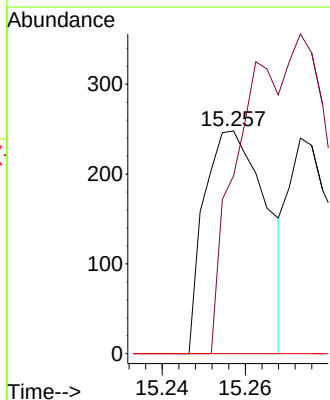
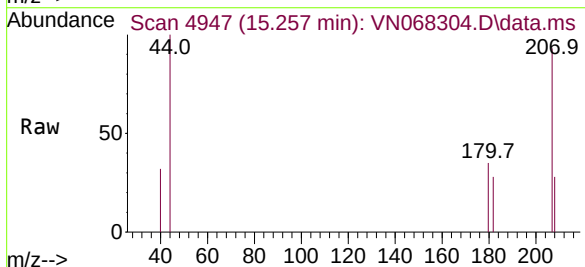
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-DUP-20210823

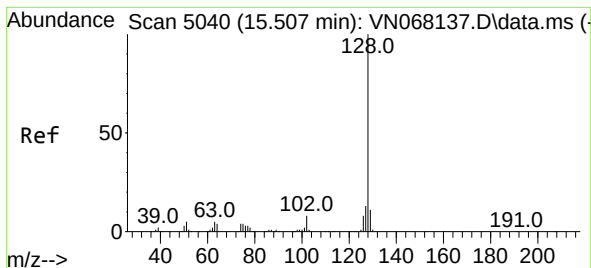
Tgt Ion: 75 Resp: 119955
Ion Ratio Lower Upper
75 100
53 0.1 87.6 131.4#
89 0.0 37.8 56.8#



#93
1,2,4-Trichlorobenzene
Concen: 2.744 ug/l
RT: 15.257 min Scan# 4947
Delta R.T. -0.008 min
Lab File: VN068304.D
Acq: 25 Aug 2021 16:51

Tgt Ion:180 Resp: 256
Ion Ratio Lower Upper
180 100
182 98.0 47.5 142.5
145 0.0 17.2 51.6#

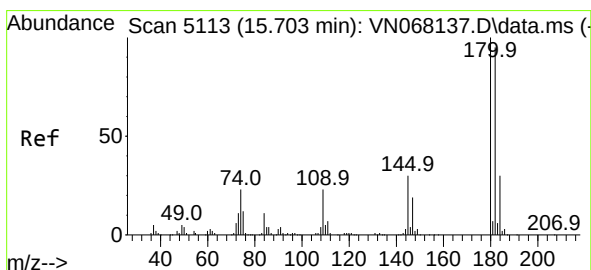
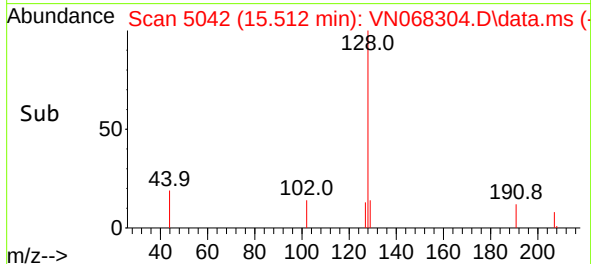
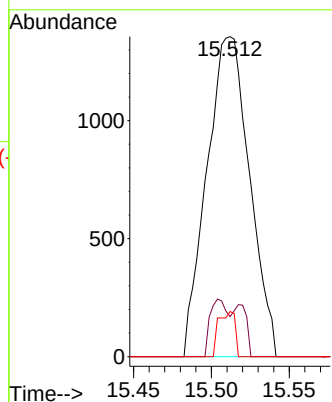
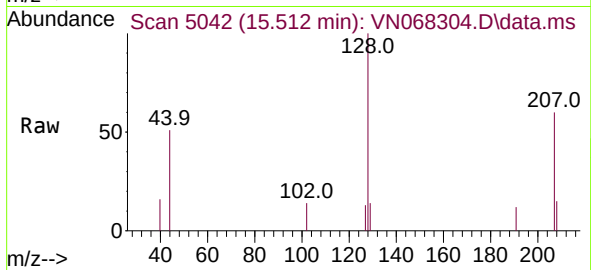




#95
Naphthalene
Concen: 3.595 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.005 min
Lab File: VN068304.D
Acq: 25 Aug 2021 16:51

Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-DUP-20210823

Tgt Ion:128 Resp: 2591
Ion Ratio Lower Upper
128 100
127 7.6 10.6 15.8#
129 5.4 8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 2.951 ug/l
RT: 15.705 min Scan# 5114
Delta R.T. 0.002 min
Lab File: VN068304.D
Acq: 25 Aug 2021 16:51

Tgt Ion:180 Resp: 492
Ion Ratio Lower Upper
180 100
182 104.7 47.8 143.3
145 0.0 18.2 54.6#

