

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081721\
 Data File : VN068155.D
 Acq On : 17 Aug 2021 20:09
 Operator : JC/MD
 Sample : M3445-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT-TB-20210816

Quant Time: Aug 18 07:21:32 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)

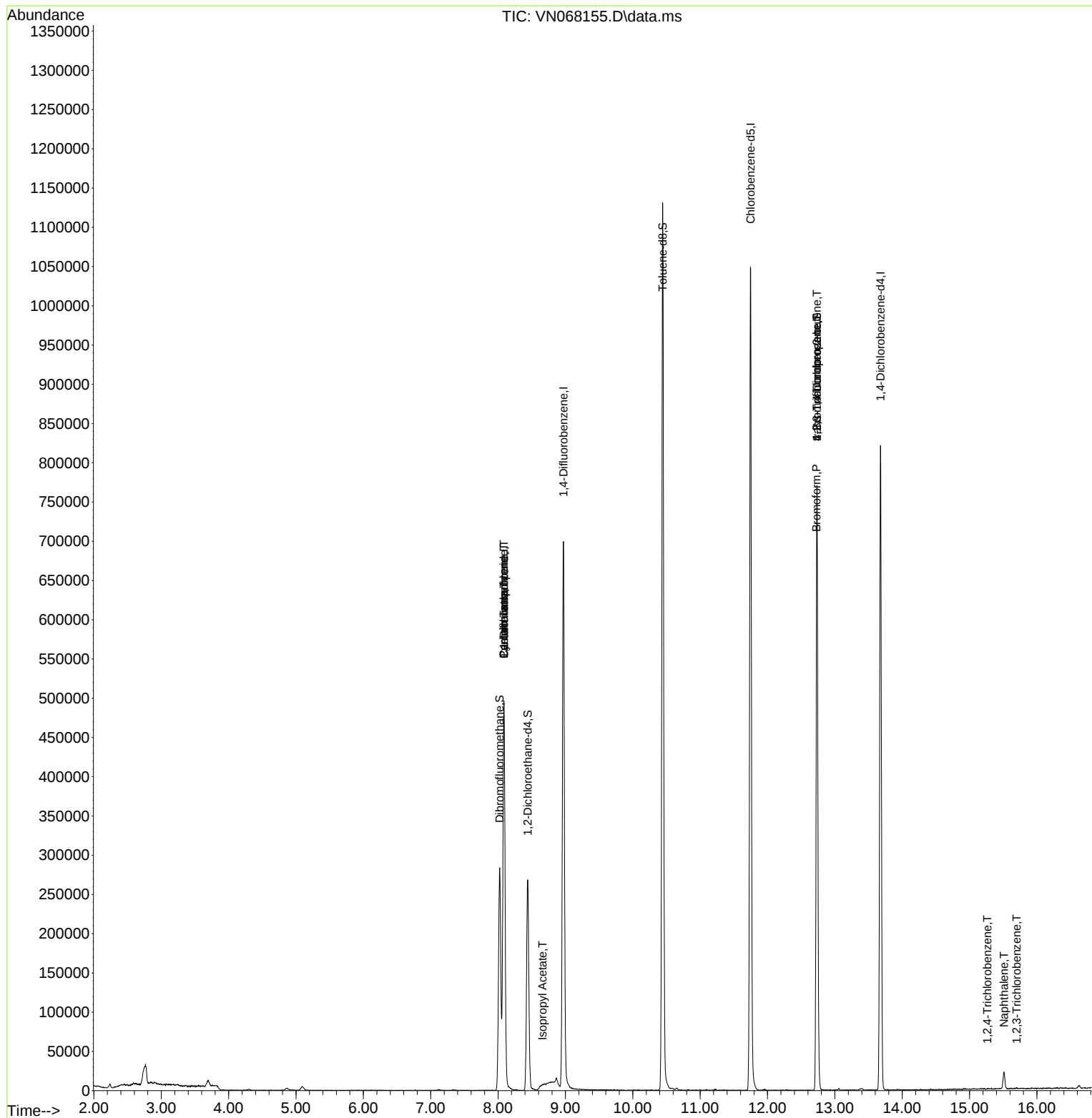
Internal Standards						
1) Pentafluorobenzene	8.088	168	407823	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	676453	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	675915	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	245359	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	228291	52.427	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.860%			
35) Dibromofluoromethane	8.024	113	205634	48.419	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.840%			
50) Toluene-d8	10.443	98	821770	50.782	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.560%			
62) 4-Bromofluorobenzene	12.734	95	258707	48.024	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 96.040%			
Target Compounds						
5) Bromomethane	2.859	94	1564	Below Cal		Qvalue 93
6) Chloroethane	2.939	64	53	Below Cal	#	44
13) Acrolein	4.036	56	51	Below Cal	#	70
18) Methyl Acetate	4.854	43	1984	Below Cal		96
20) Methylene Chloride	5.087	84	4186	Below Cal	#	67
31) Cyclohexane	8.088	56	6938	1.210	ug/l #	1
36) 1,1-Dichloropropene	8.088	75	27852	5.037	ug/l #	52
38) Carbon Tetrachloride	8.088	117	39138	6.137	ug/l #	17
43) Isopropyl Acetate	8.660	43	6990	0.926	ug/l #	58
71) Bromoform	12.728	173	849	0.203	ug/l #	1
76) 1,2,3-Trichloropropane	12.734	75	131743	32.305	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.734	75	131743	105.836	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.263	180	165	2.723	ug/l #	49
95) Naphthalene	15.509	128	21183	5.397	ug/l	96
96) 1,2,3-Trichlorobenzene	15.700	180	248	2.892	ug/l #	69

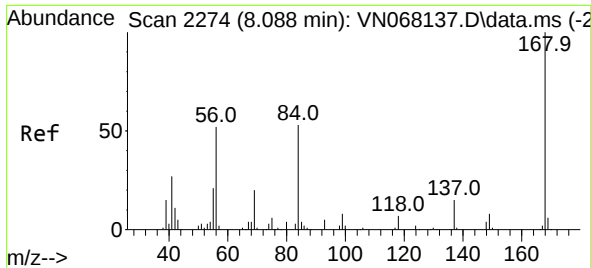
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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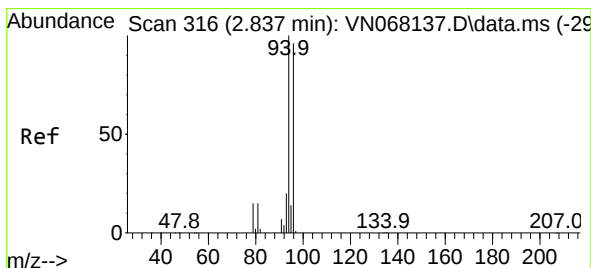
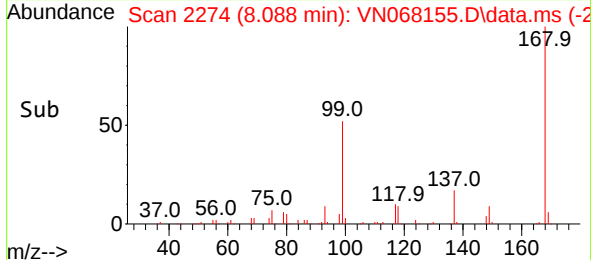
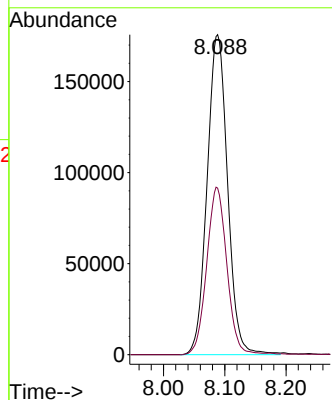
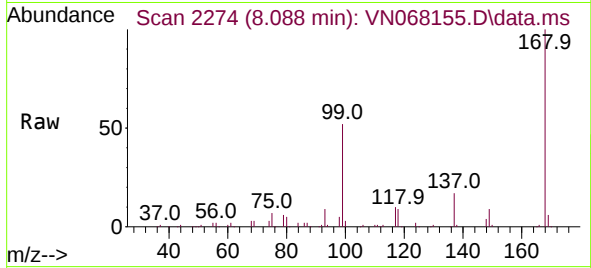




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068155.D
Acq: 17 Aug 2021 20:09

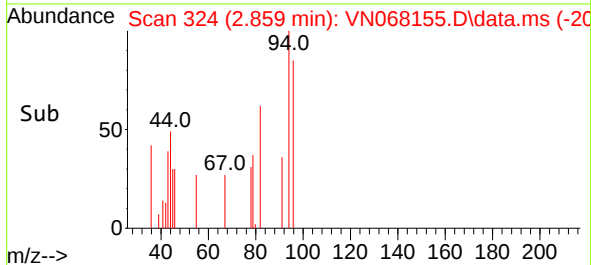
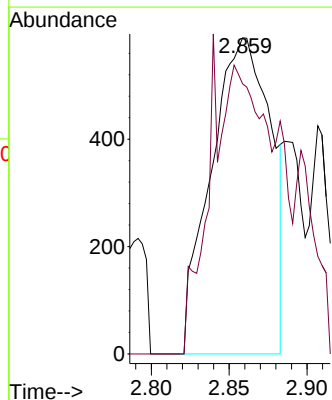
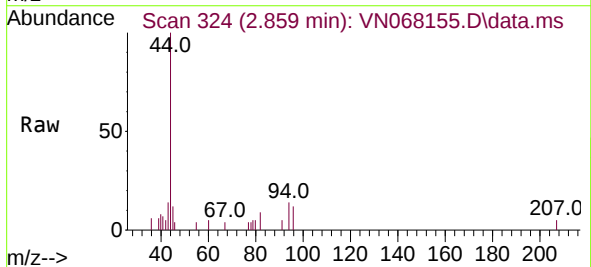
Instrument :
MSVOA_N
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TT-TB-20210816

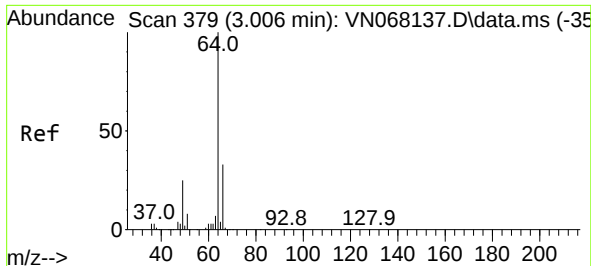
Tgt Ion:168 Resp: 407823
Ion Ratio Lower Upper
168 100
99 52.1 62.9 94.3#



#5
Bromomethane
Concen: Below Cal
RT: 2.859 min Scan# 324
Delta R.T. 0.022 min
Lab File: VN068155.D
Acq: 17 Aug 2021 20:09

Tgt Ion: 94 Resp: 1564
Ion Ratio Lower Upper
94 100
96 85.4 73.7 110.5

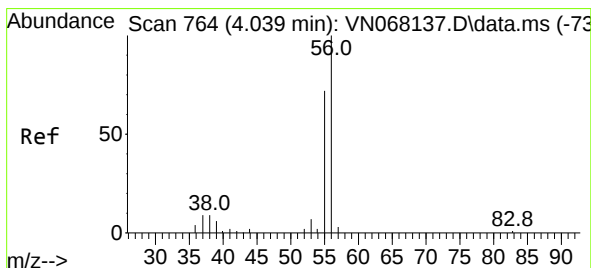
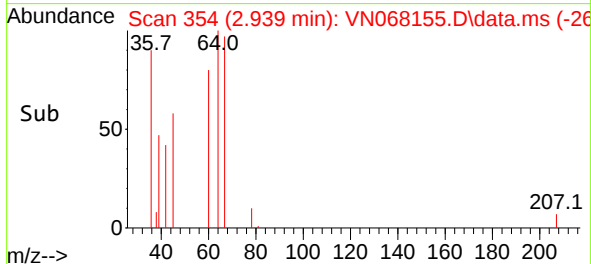
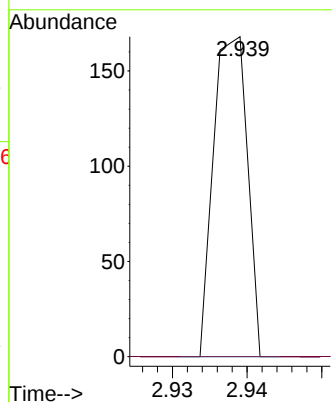
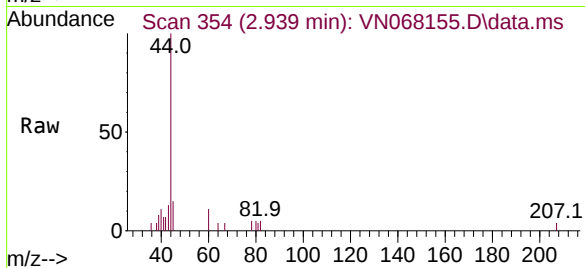




#6
Chloroethane
Concen: Below Cal
RT: 2.939 min Scan# 354
Delta R.T. -0.067 min
Lab File: VN068155.D
Acq: 17 Aug 2021 20:09

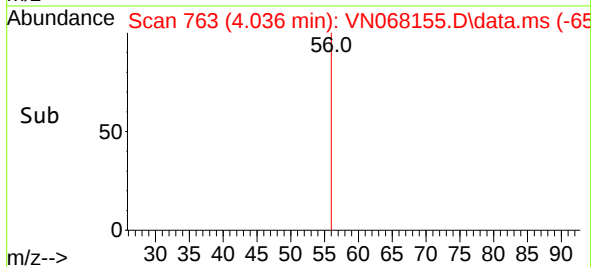
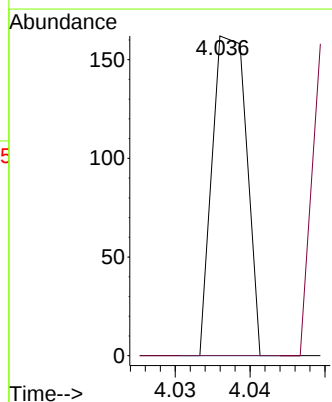
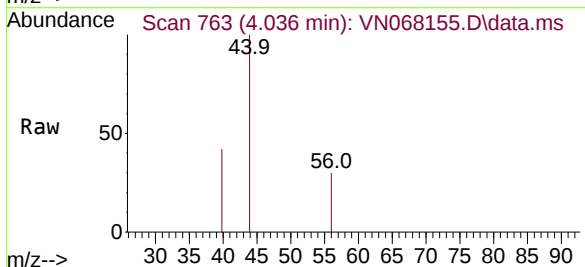
Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20210816

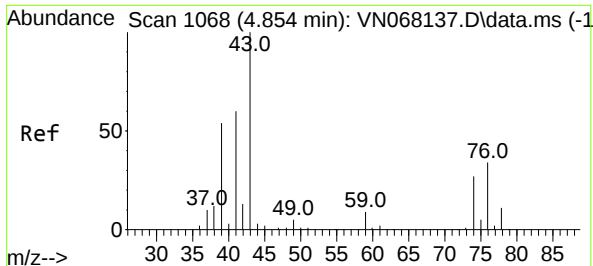
Tgt Ion: 64 Resp: 53
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#13
Acrolein
Concen: Below Cal
RT: 4.036 min Scan# 763
Delta R.T. -0.003 min
Lab File: VN068155.D
Acq: 17 Aug 2021 20:09

Tgt Ion: 56 Resp: 51
Ion Ratio Lower Upper
56 100
55 47.1 57.4 86.0#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.854 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VN068155.D

Acq: 17 Aug 2021 20:09

Instrument :

MSVOA_N

ClientSampleId :

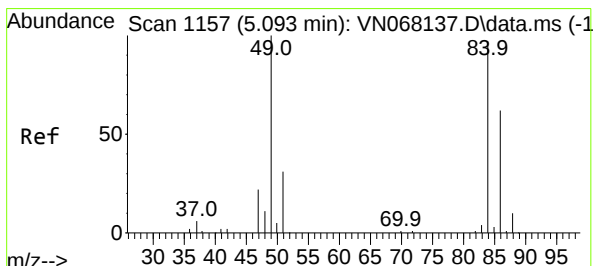
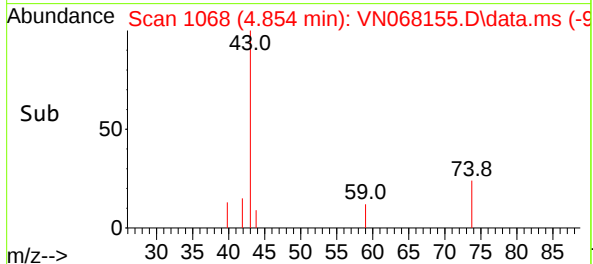
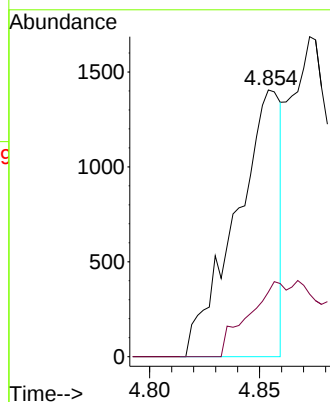
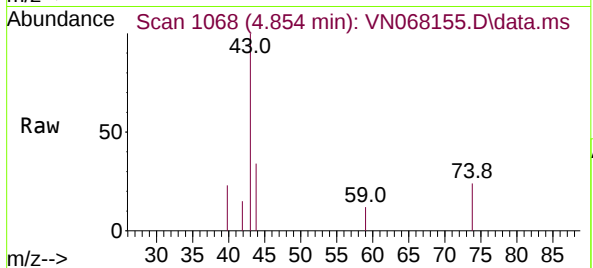
TT-TB-20210816

Tgt Ion: 43 Resp: 1984

Ion Ratio Lower Upper

43 100

74 23.7 17.4 26.0



#20

Methylene Chloride

Concen: Below Cal

RT: 5.087 min Scan# 1155

Delta R.T. -0.006 min

Lab File: VN068155.D

Acq: 17 Aug 2021 20:09

Tgt Ion: 84 Resp: 4186

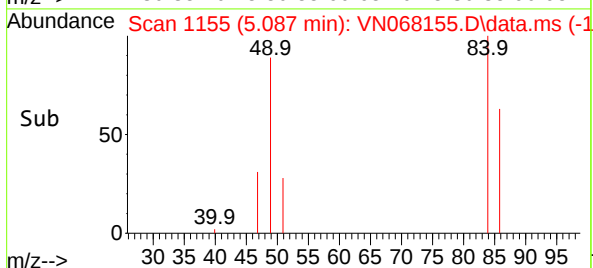
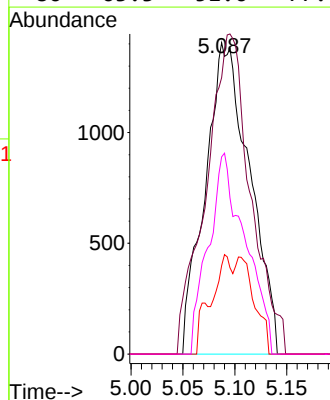
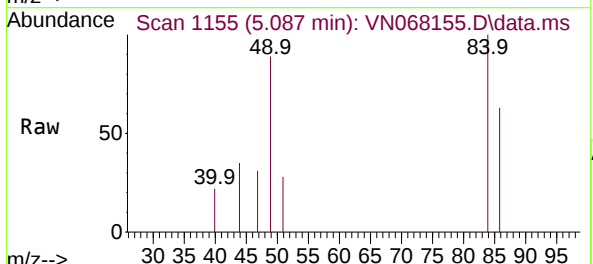
Ion Ratio Lower Upper

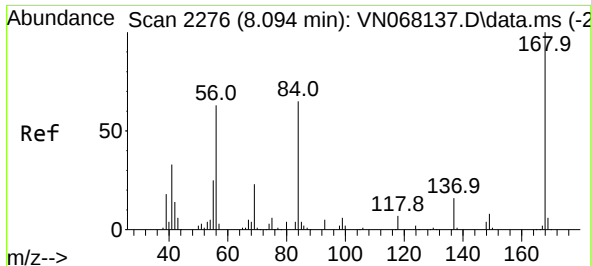
84 100

49 76.5 110.9 166.3#

51 28.4 32.6 49.0#

86 63.3 51.6 77.4

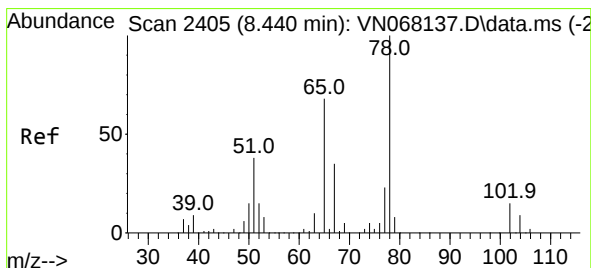
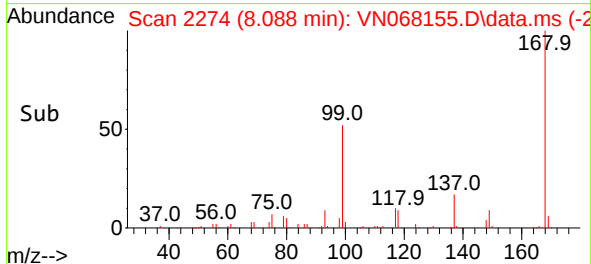
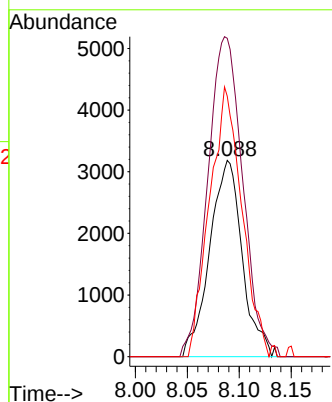
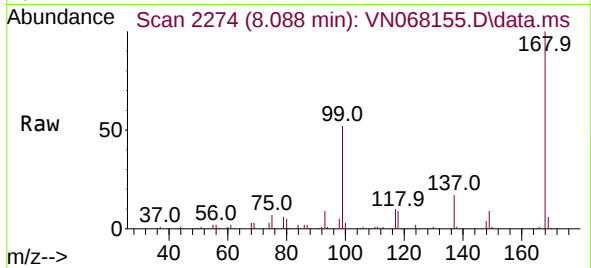




#31
Cyclohexane
Concen: 1.210 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.006 min
Lab File: VN068155.D
Acq: 17 Aug 2021 20:09

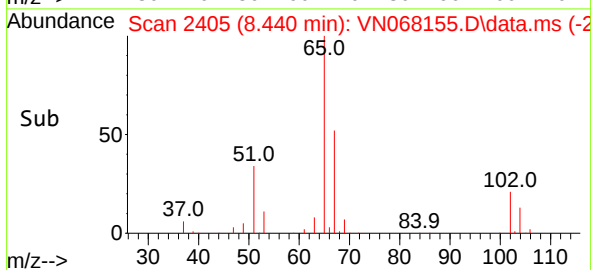
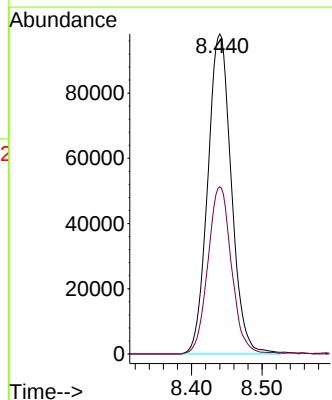
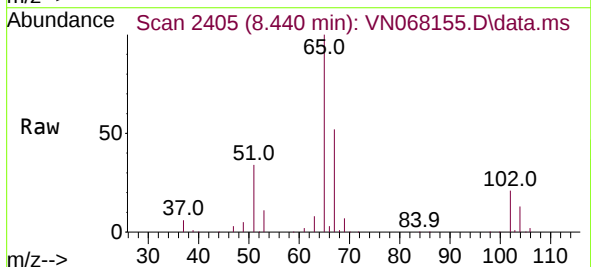
Instrument :
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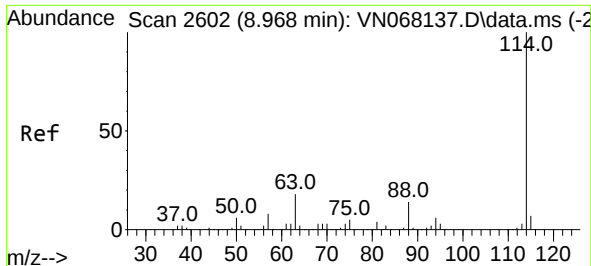
Tgt Ion: 56 Resp: 6938
Ion Ratio Lower Upper
56 100
69 162.2 27.3 40.9#
84 132.7 64.9 97.3#



#33
1,2-Dichloroethane-d4
Concen: 52.427 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068155.D
Acq: 17 Aug 2021 20:09

Tgt Ion: 65 Resp: 228291
Ion Ratio Lower Upper
65 100
67 52.1 0.0 98.6

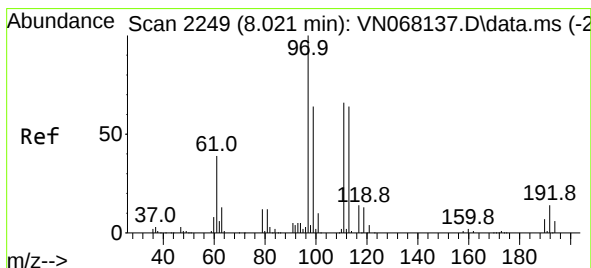
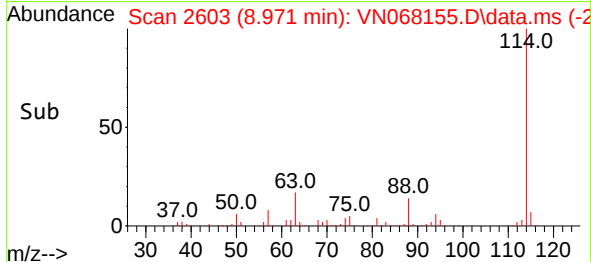
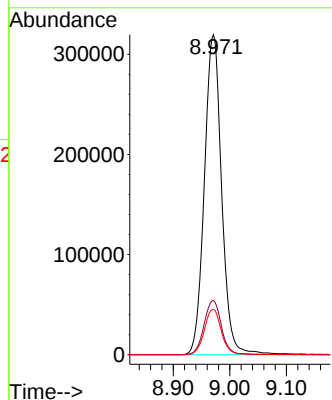
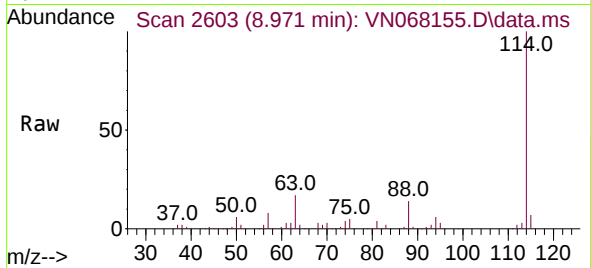




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068155.D
Acq: 17 Aug 2021 20:09

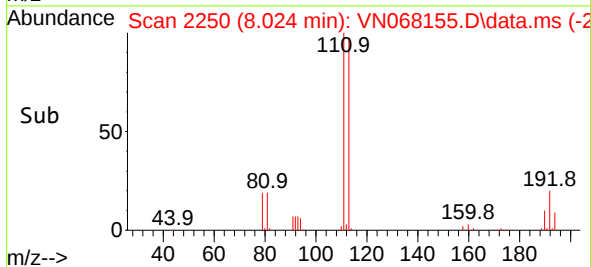
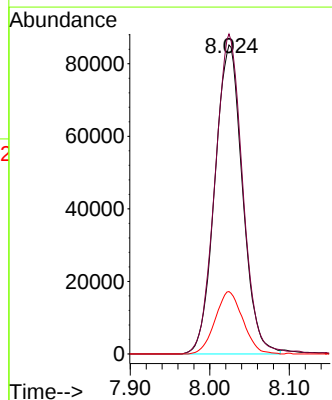
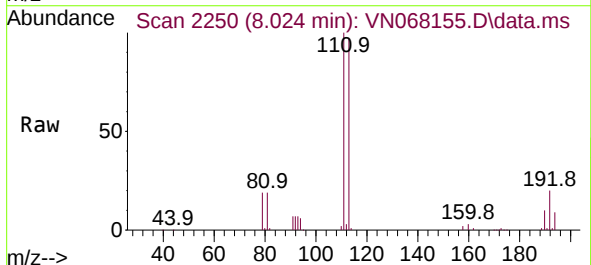
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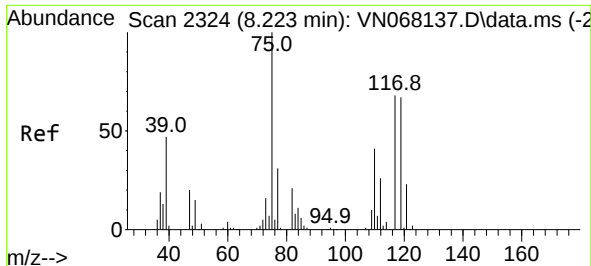
Tgt Ion:114 Resp: 676453
Ion Ratio Lower Upper
114 100
63 16.9 0.0 49.0
88 14.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.419 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068155.D
Acq: 17 Aug 2021 20:09

Tgt Ion:113 Resp: 205634
Ion Ratio Lower Upper
113 100
111 103.3 83.8 125.8
192 20.3 13.4 20.0#

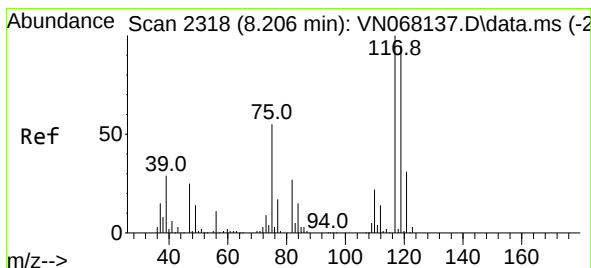
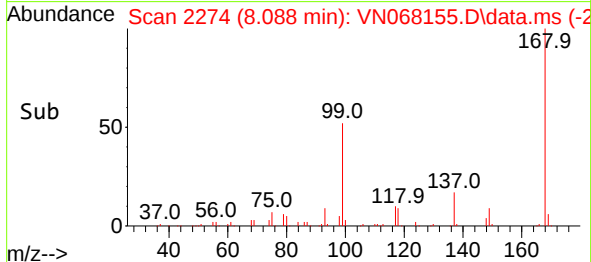
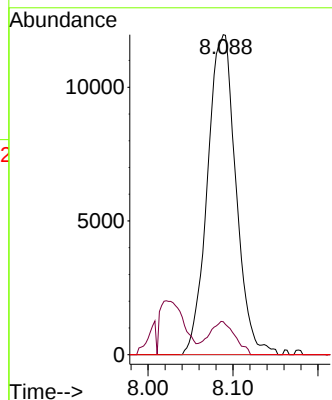
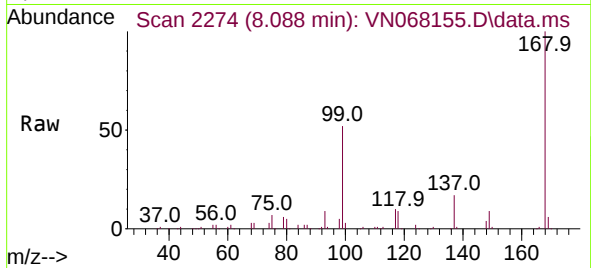




#36
1,1-Dichloropropene
Concen: 5.037 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.135 min
Lab File: VN068155.D
Acq: 17 Aug 2021 20:09

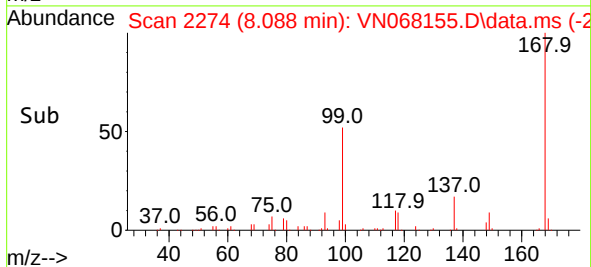
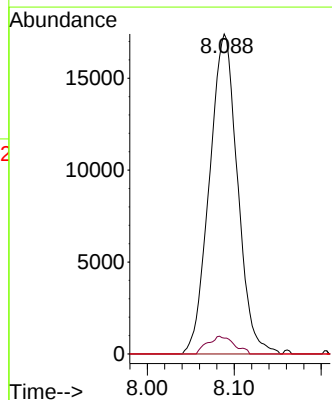
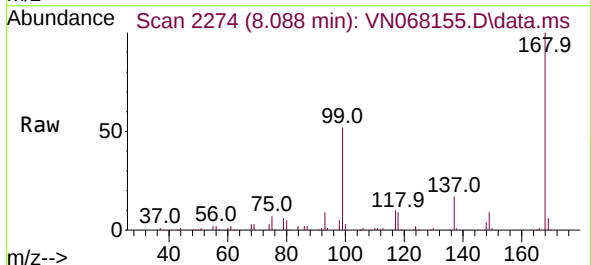
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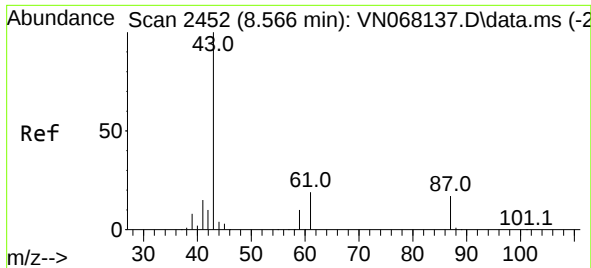
Tgt Ion: 75 Resp: 27852
Ion Ratio Lower Upper
75 100
110 9.6 15.7 47.0#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 6.137 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.118 min
Lab File: VN068155.D
Acq: 17 Aug 2021 20:09

Tgt Ion: 117 Resp: 39138
Ion Ratio Lower Upper
117 100
119 4.9 75.4 113.2#
121 0.0 23.5 35.3#

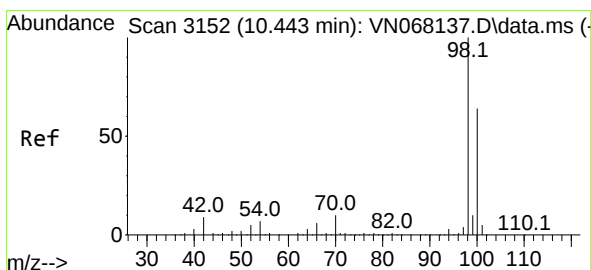
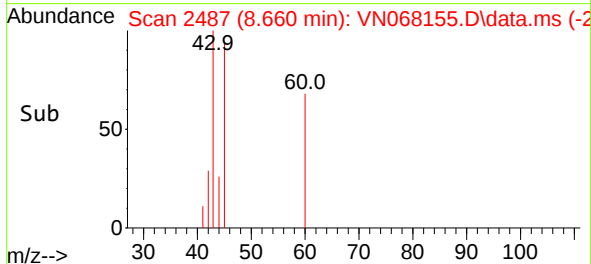
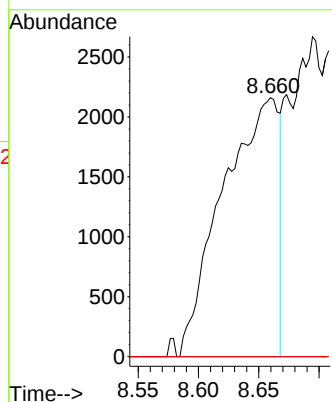
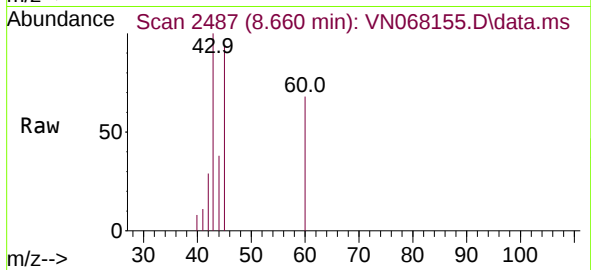




#43
Isopropyl Acetate
Concen: 0.926 ug/l
RT: 8.660 min Scan# 2487
Delta R.T. 0.094 min
Lab File: VN068155.D
Acq: 17 Aug 2021 20:09

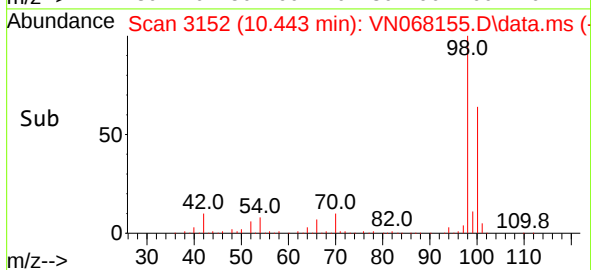
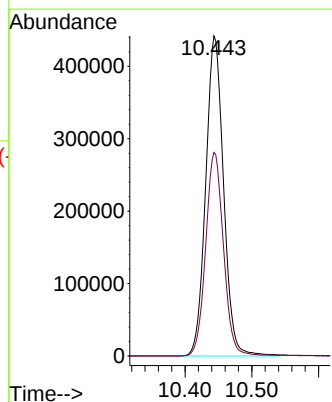
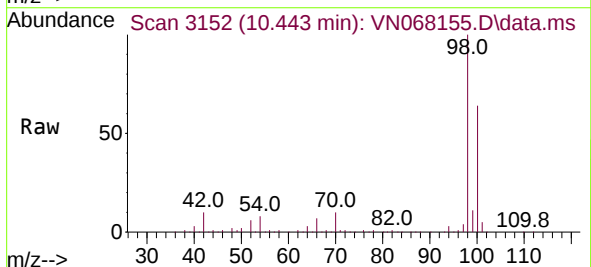
Instrument :
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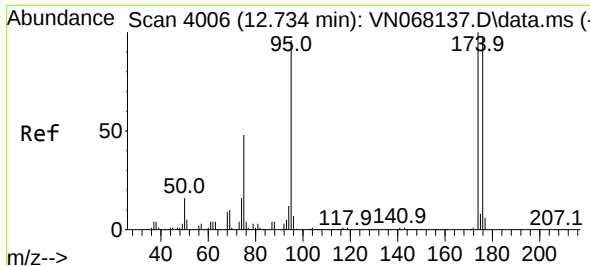
Tgt Ion: 43 Resp: 6990
Ion Ratio Lower Upper
43 100
61 0.0 19.0 28.4#
87 0.0 9.5 14.3#



#50
Toluene-d8
Concen: 50.782 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068155.D
Acq: 17 Aug 2021 20:09

Tgt Ion: 98 Resp: 821770
Ion Ratio Lower Upper
98 100
100 63.3 51.7 77.5

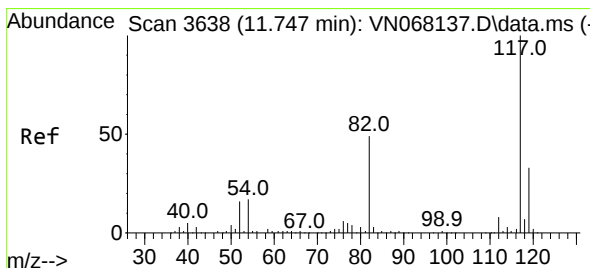
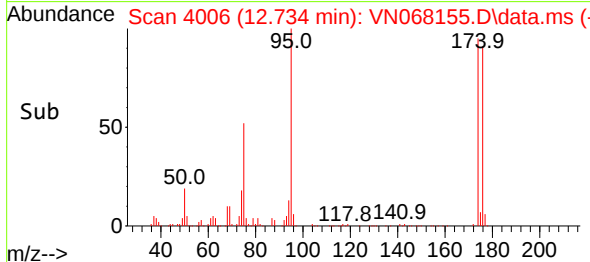
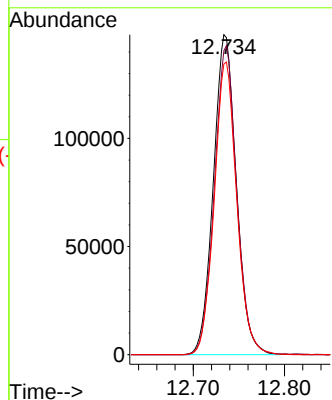
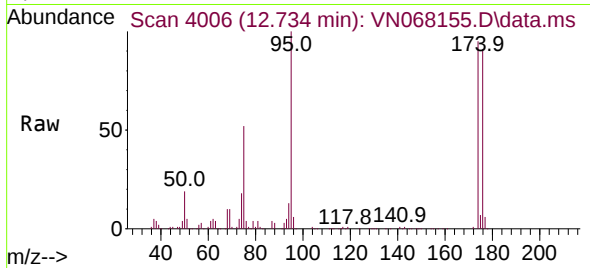




#62
4-Bromofluorobenzene
Concen: 48.024 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068155.D
Acq: 17 Aug 2021 20:09

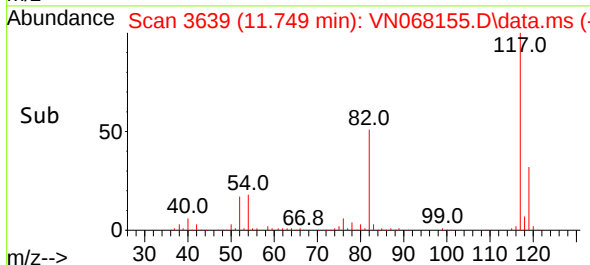
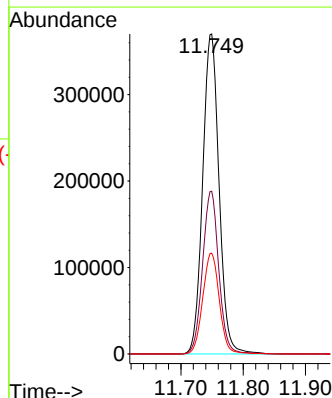
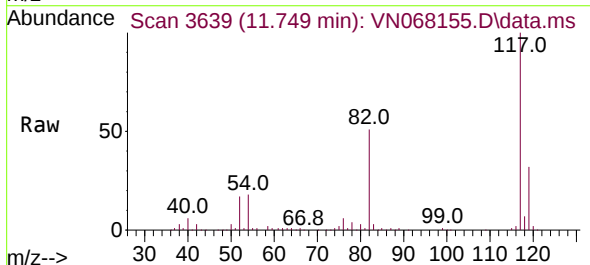
Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20210816

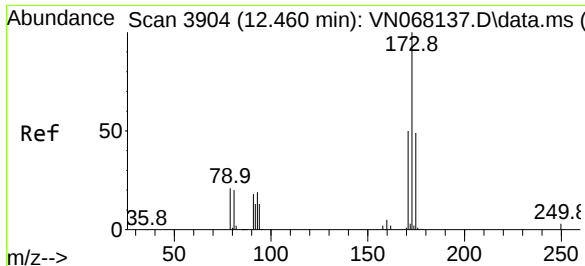
Tgt Ion: 95 Resp: 258707
Ion Ratio Lower Upper
95 100
174 94.8 0.0 122.0
176 90.0 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.002 min
Lab File: VN068155.D
Acq: 17 Aug 2021 20:09

Tgt Ion: 117 Resp: 675915
Ion Ratio Lower Upper
117 100
82 50.9 53.1 79.7#
119 31.5 25.5 38.3

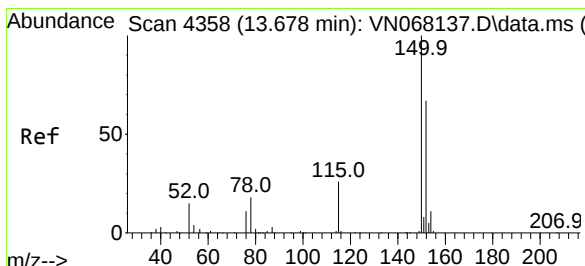
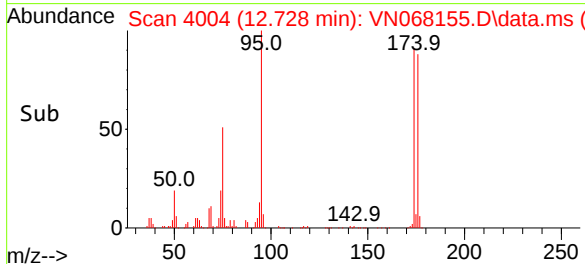
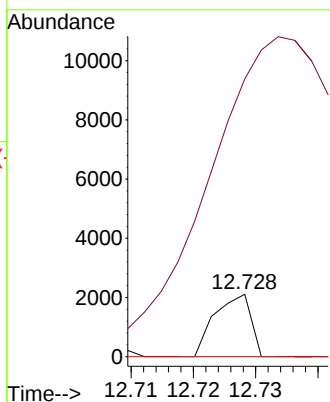
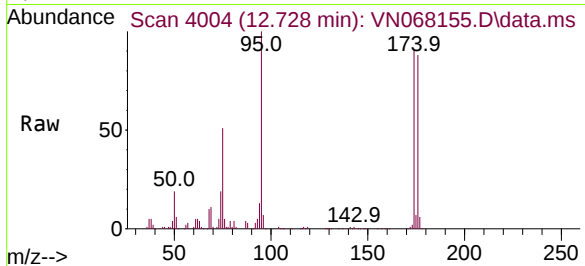




#71
Bromoform
Concen: 0.203 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.268 min
Lab File: VN068155.D
Acq: 17 Aug 2021 20:09

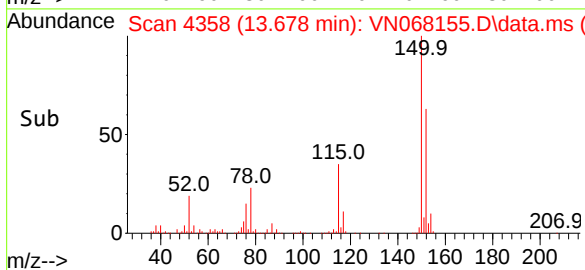
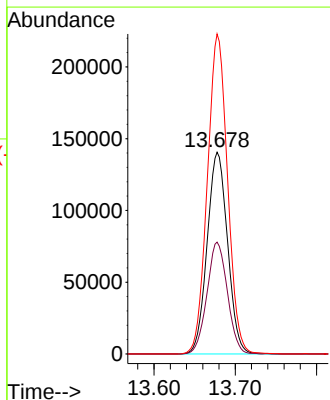
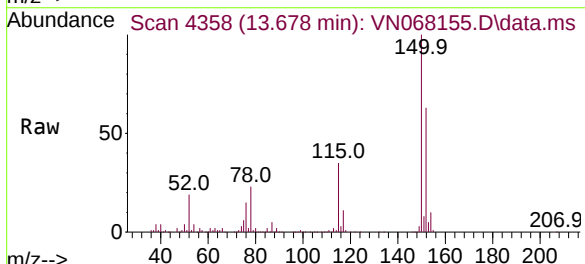
Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20210816

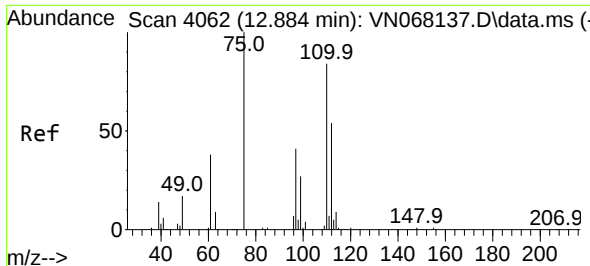
Tgt Ion:173 Resp: 849
Ion Ratio Lower Upper
173 100
175 2005.3 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. -0.000 min
Lab File: VN068155.D
Acq: 17 Aug 2021 20:09

Tgt Ion:152 Resp: 245359
Ion Ratio Lower Upper
152 100
115 55.3 36.1 108.5
150 156.8 0.0 351.8

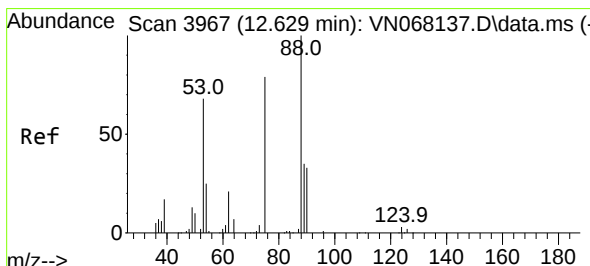
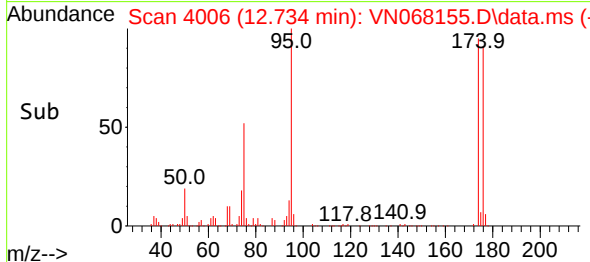
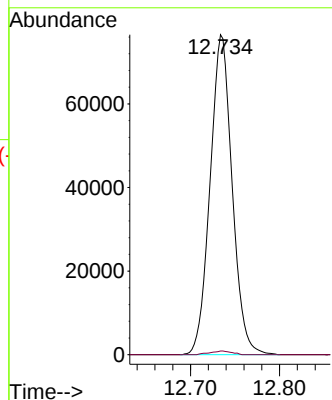
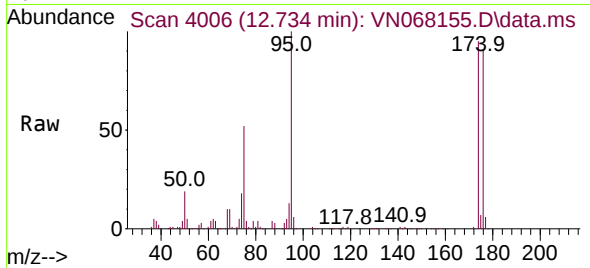




#76
1,2,3-Trichloropropane
Concen: 32.305 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.150 min
Lab File: VN068155.D
Acq: 17 Aug 2021 20:09

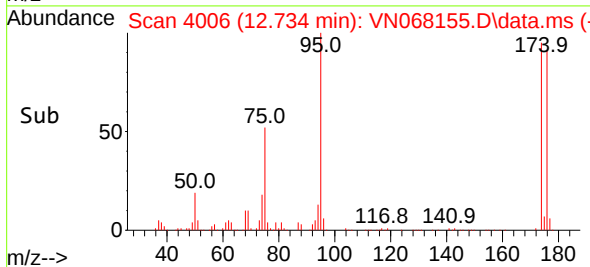
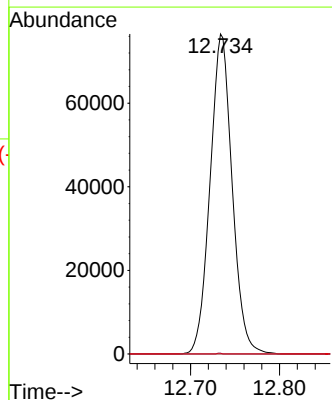
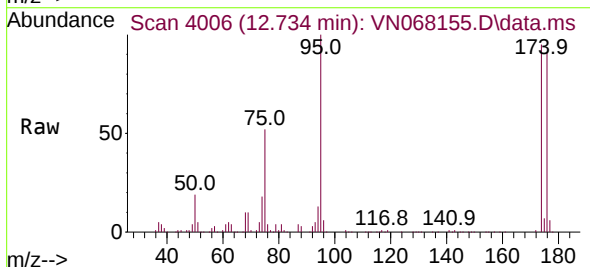
Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20210816

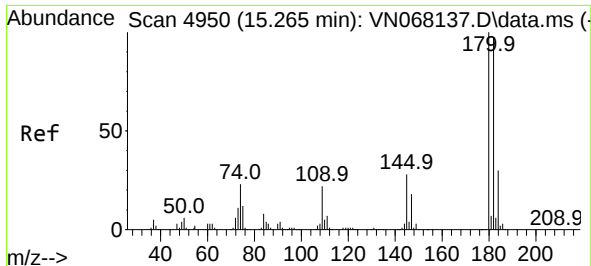
Tgt Ion: 75 Resp: 131743
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.836 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.105 min
Lab File: VN068155.D
Acq: 17 Aug 2021 20:09

Tgt Ion: 75 Resp: 131743
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#

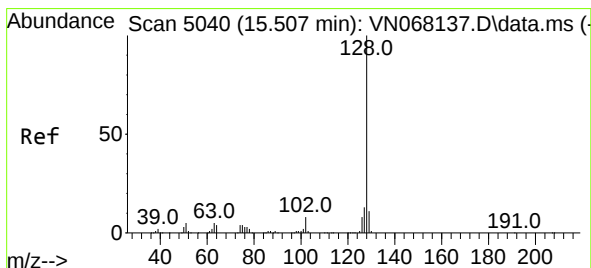
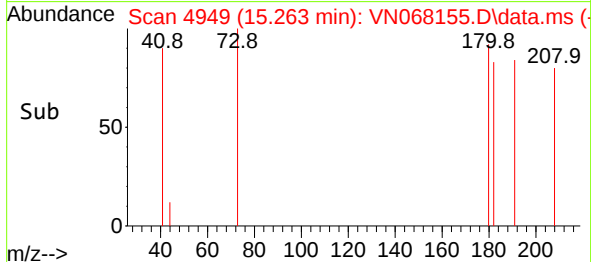
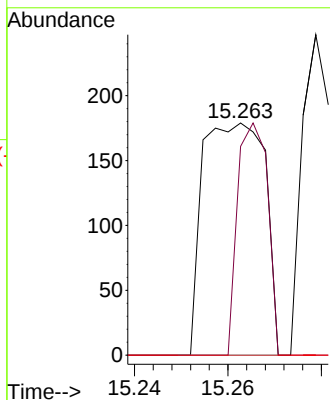
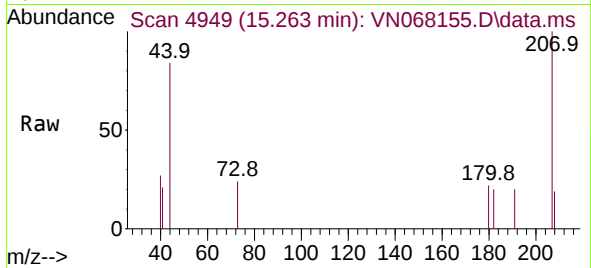




#93
1,2,4-Trichlorobenzene
Concen: 2.723 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.002 min
Lab File: VN068155.D
Acq: 17 Aug 2021 20:09

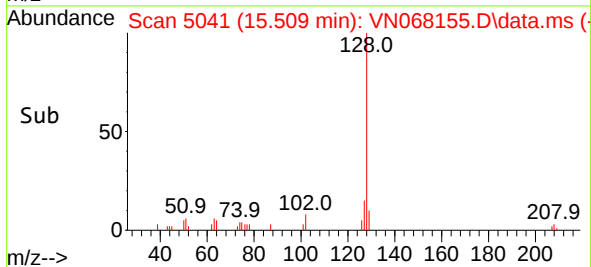
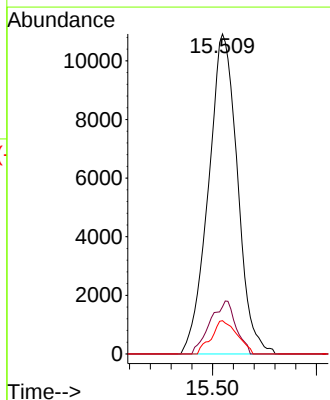
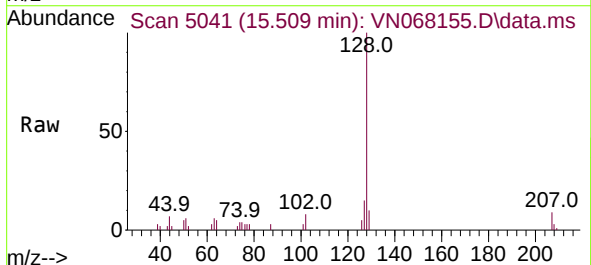
Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20210816

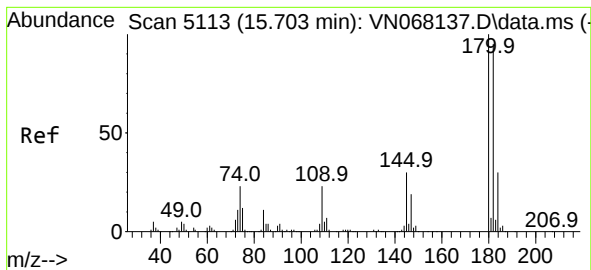
Tgt Ion:180	Resp:	165
Ion Ratio	Lower	Upper
180	100	
182	48.5	47.5 142.5
145	0.0	17.2 51.6#



#95
Naphthalene
Concen: 5.397 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068155.D
Acq: 17 Aug 2021 20:09

Tgt Ion:128	Resp:	21183
Ion Ratio	Lower	Upper
128	100	
127	14.7	10.6 15.8
129	9.2	8.6 12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 2.892 ug/l
 RT: 15.700 min Scan# 5112
 Delta R.T. -0.003 min
 Lab File: VN068155.D
 Acq: 17 Aug 2021 20:09

Instrument :
 MSVOA_N
 ClientSampleId :
 TT-TB-20210816

Tgt Ion:180 Resp: 248
 Ion Ratio Lower Upper
 180 100
 182 76.2 47.8 143.3
 145 0.0 18.2 54.6#

