

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082521\
 Data File : VN068306.D
 Acq On : 25 Aug 2021 17:41
 Operator : JC/MD
 Sample : M3534-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-VPB-RW7-GW-580-582

Quant Time: Aug 26 05:39:54 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)

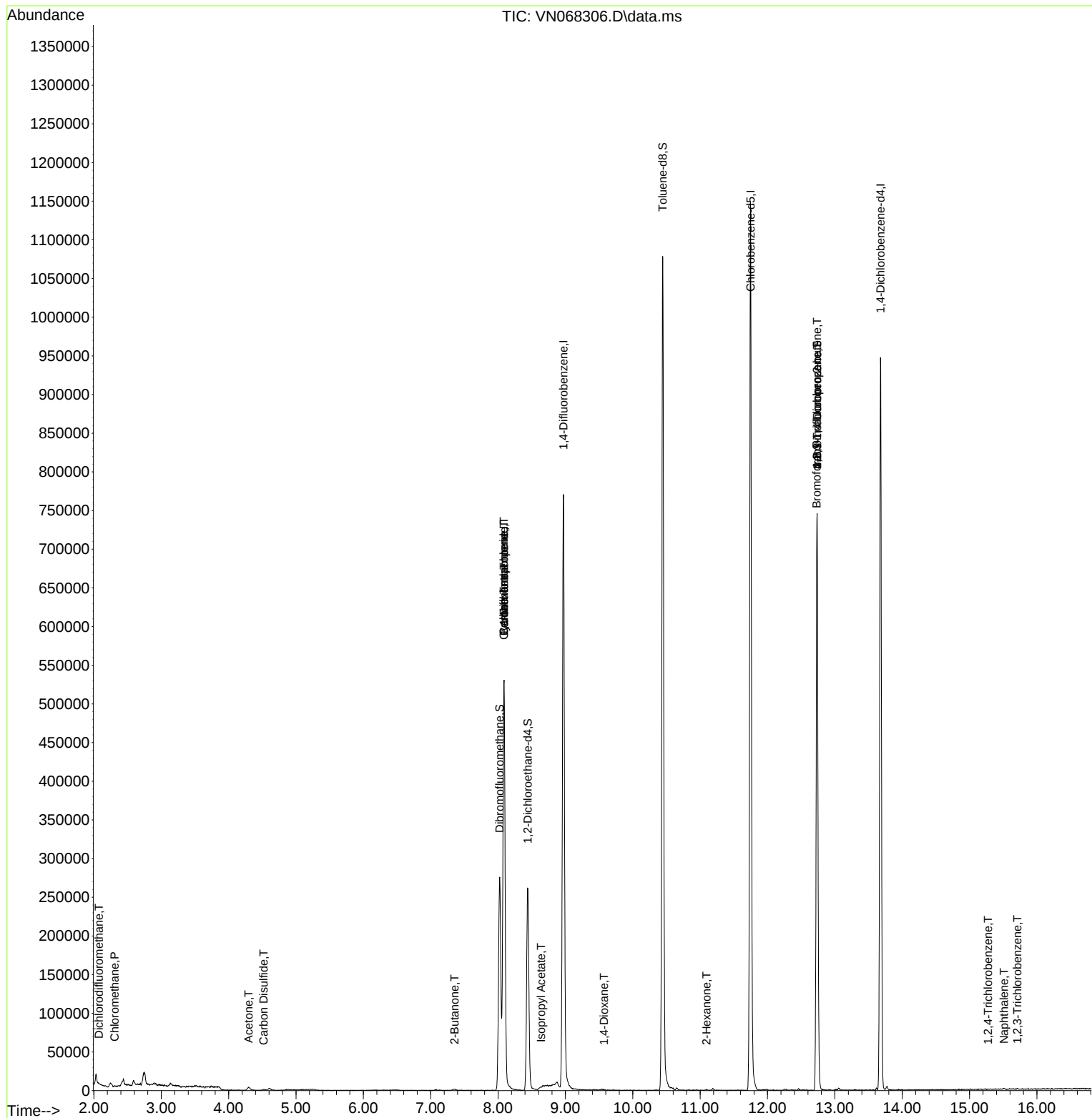
Internal Standards						
1) Pentafluorobenzene	8.088	168	435771	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	744443	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	737999	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	281640	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	223811	48.102	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.200%
35) Dibromofluoromethane	8.024	113	204074	43.663	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	87.320%
50) Toluene-d8	10.443	98	802826	45.080	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	90.160%
62) 4-Bromofluorobenzene	12.736	95	260249	43.898	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	87.800%
Target Compounds			Qvalue			
2) Dichlorodifluoromethane	2.073	85	926	0.268	ug/l	# 43
3) Chloromethane	2.306	50	1113	0.285	ug/l	# 70
5) Bromomethane	2.837	94	94	Below Cal	#	4
6) Chloroethane	3.199	64	24	Below Cal	#	44
13) Acrolein	4.044	56	163	Below Cal		84
16) Acetone	4.296	43	7944	5.848	ug/l	# 88
17) Carbon Disulfide	4.521	76	2072	0.227	ug/l	# 74
18) Methyl Acetate	4.859	43	870	Below Cal	#	54
20) Methylene Chloride	5.082	84	115	Below Cal	#	41
25) 2-Butanone	7.354	43	1127	0.532	ug/l	# 59
31) Cyclohexane	8.086	56	8128	1.326	ug/l	# 11
36) 1,1-Dichloropropene	8.088	75	29143	4.789	ug/l	# 54
38) Carbon Tetrachloride	8.088	117	42948	6.119	ug/l	# 17
43) Isopropyl Acetate	8.638	43	3233	0.389	ug/l	# 58
49) 1,4-Dioxane	9.574	88	180	2.152	ug/l	# 42
59) 2-Hexanone	11.095	43	1175	0.332	ug/l	# 43
71) Bromoform	12.731	173	1426	0.312	ug/l	# 1
76) 1,2,3-Trichloropropane	12.736	75	133315	28.479	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.736	75	133315	93.302	ug/l	# 6
93) 1,2,4-Trichlorobenzene	15.273	180	86	2.702	ug/l	# 36
95) Naphthalene	15.509	128	1479	3.469	ug/l	# 69
96) 1,2,3-Trichlorobenzene	15.711	180	207	2.875	ug/l	# 82

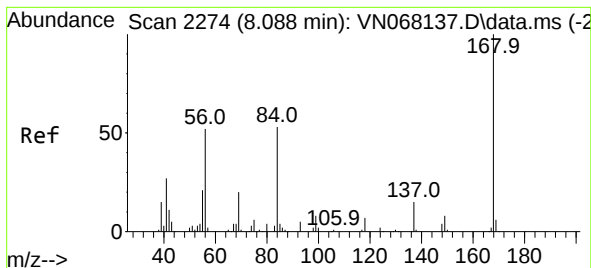
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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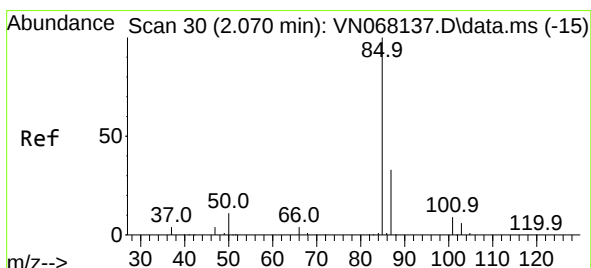
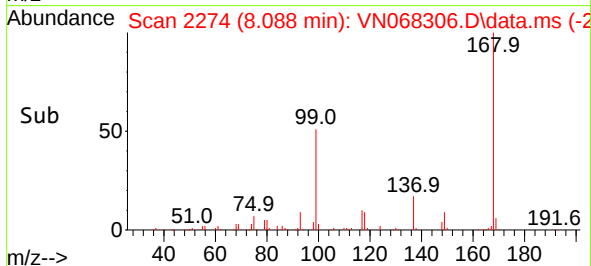
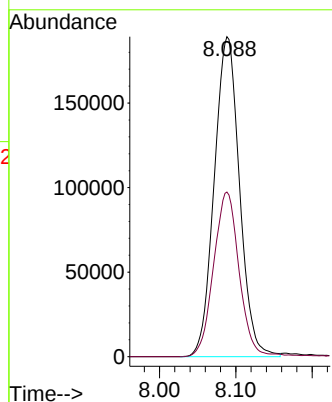
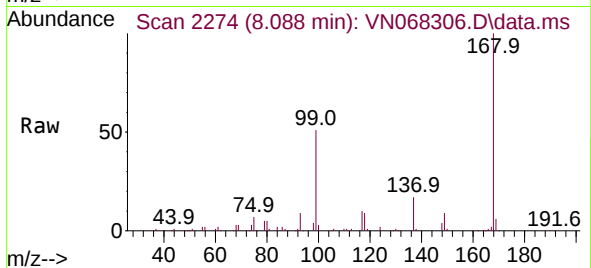




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068306.D
Acq: 25 Aug 2021 17:41

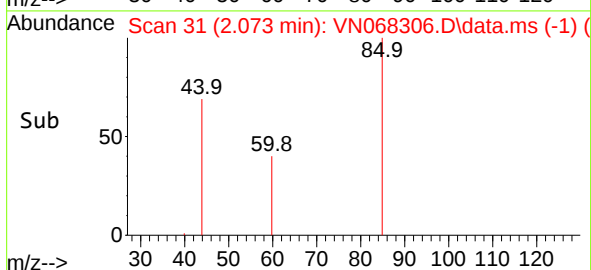
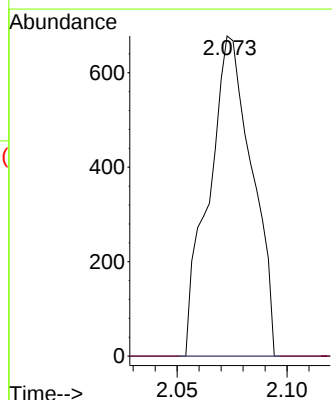
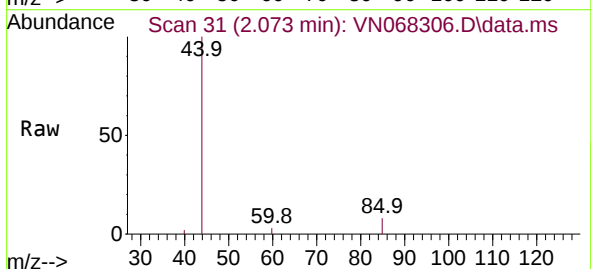
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-580-582

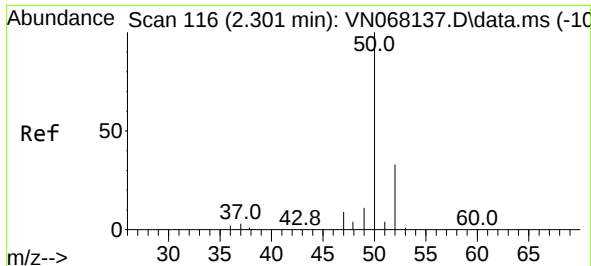
Tgt Ion:168 Resp: 435771
Ion Ratio Lower Upper
168 100
99 51.5 62.9 94.3#



#2
Dichlorodifluoromethane
Concen: 0.268 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN068306.D
Acq: 25 Aug 2021 17:41

Tgt Ion: 85 Resp: 926
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

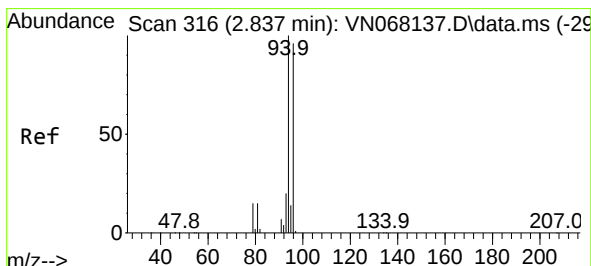
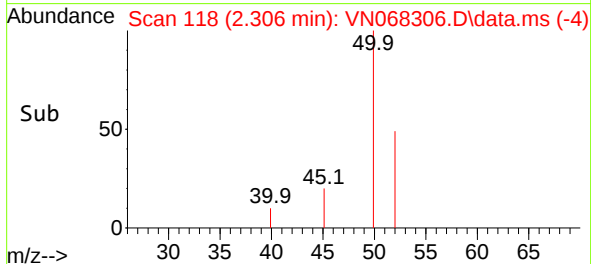
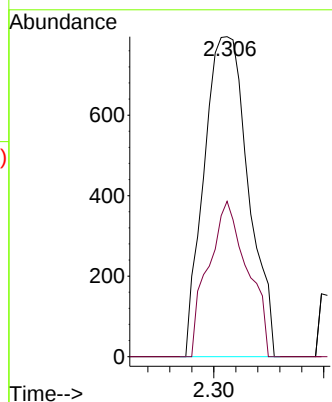
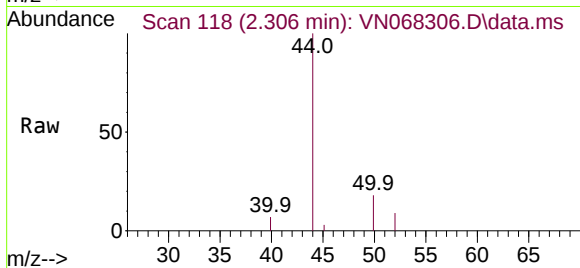




#3
Chloromethane
Concen: 0.285 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.005 min
Lab File: VN068306.D
Acq: 25 Aug 2021 17:41

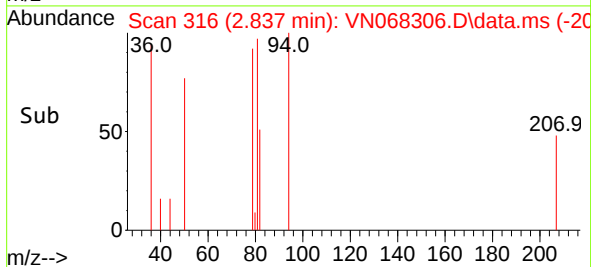
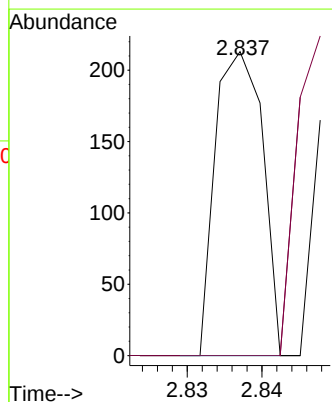
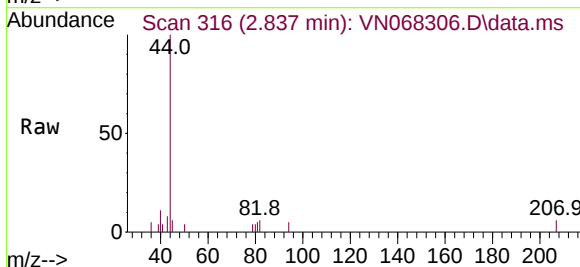
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-580-582

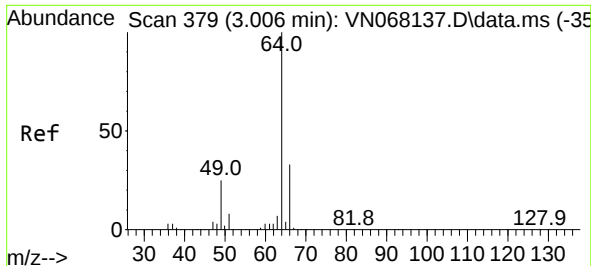
Tgt Ion: 50 Resp: 1113
Ion Ratio Lower Upper
50 100
52 48.6 25.6 38.4#



#5
Bromomethane
Concen: Below Cal
RT: 2.837 min Scan# 316
Delta R.T. 0.000 min
Lab File: VN068306.D
Acq: 25 Aug 2021 17:41

Tgt Ion: 94 Resp: 94
Ion Ratio Lower Upper
94 100
96 0.0 73.7 110.5#

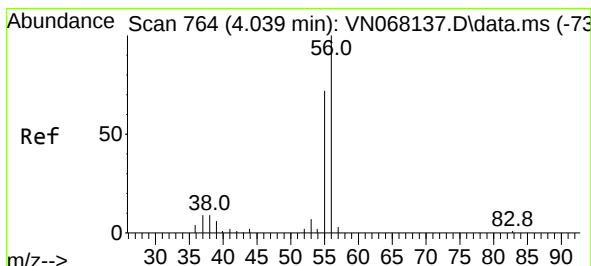
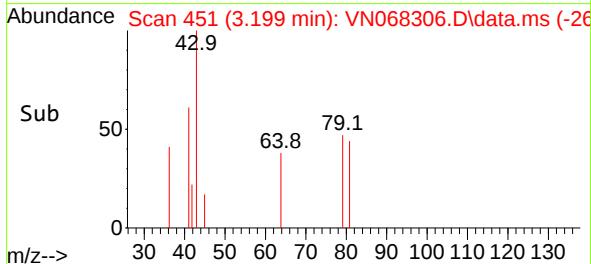
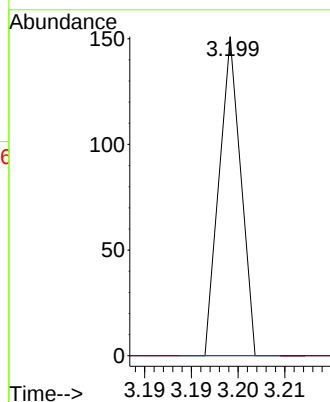
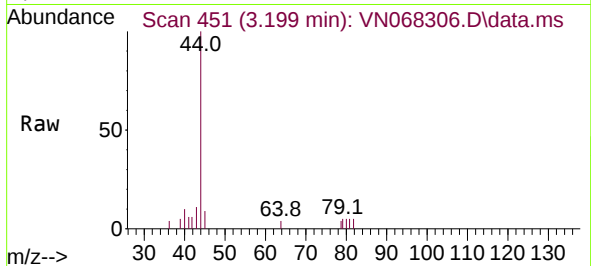




#6
Chloroethane
Concen: Below Cal
RT: 3.199 min Scan# 451
Delta R.T. 0.193 min
Lab File: VN068306.D
Acq: 25 Aug 2021 17:41

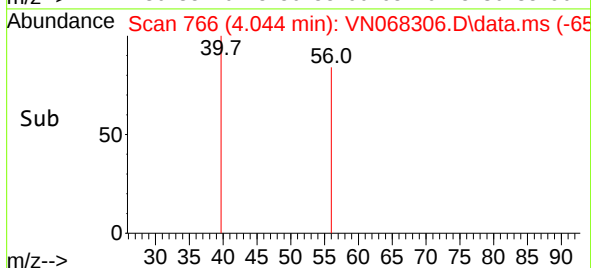
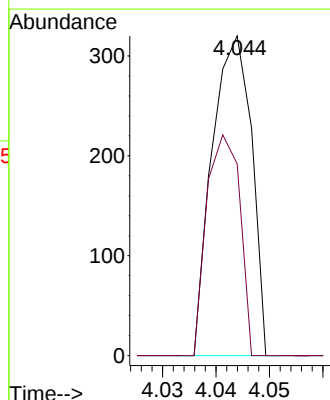
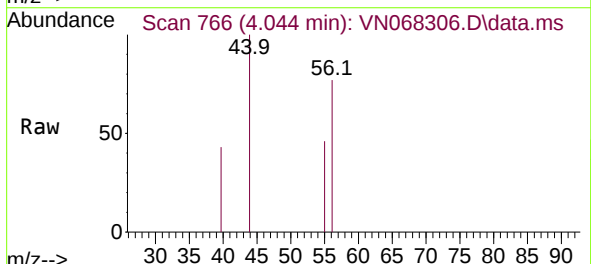
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-580-582

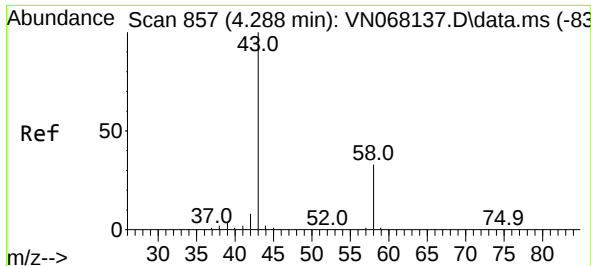
Tgt Ion: 64 Resp: 24
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#13
Acrolein
Concen: Below Cal
RT: 4.044 min Scan# 766
Delta R.T. 0.005 min
Lab File: VN068306.D
Acq: 25 Aug 2021 17:41

Tgt Ion: 56 Resp: 163
Ion Ratio Lower Upper
56 100
55 58.3 57.4 86.0

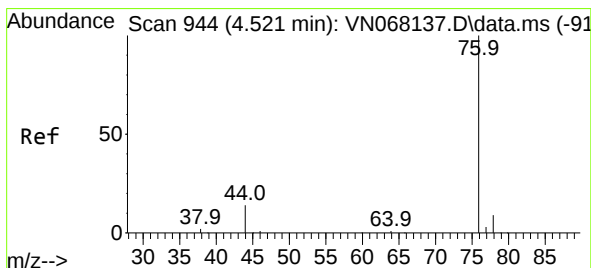
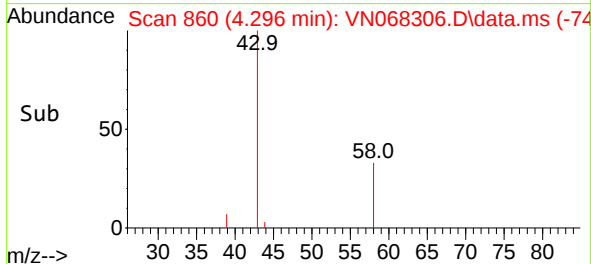
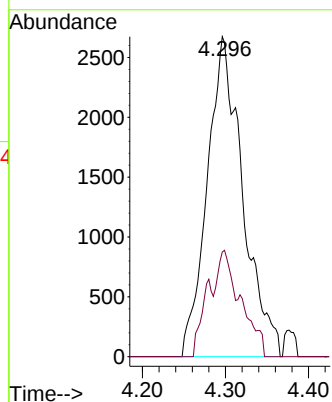
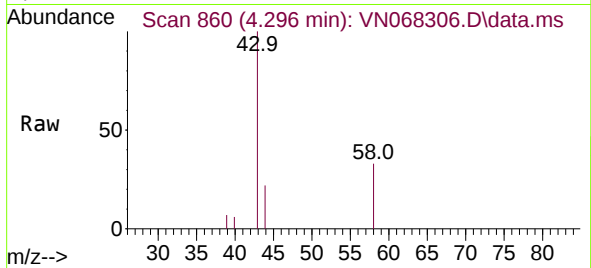




#16
Acetone
Concen: 5.848 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.008 min
Lab File: VN068306.D
Acq: 25 Aug 2021 17:41

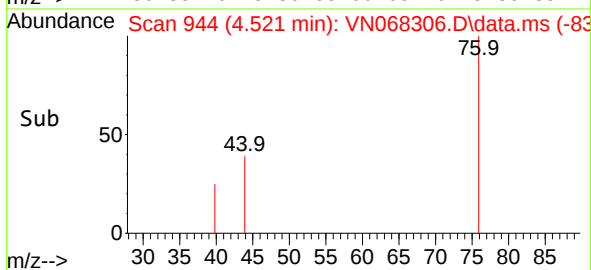
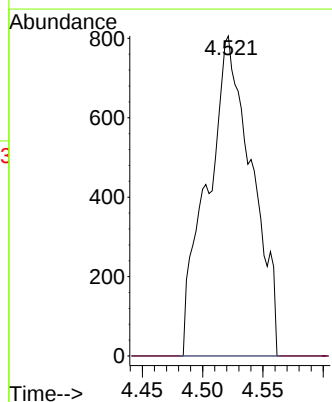
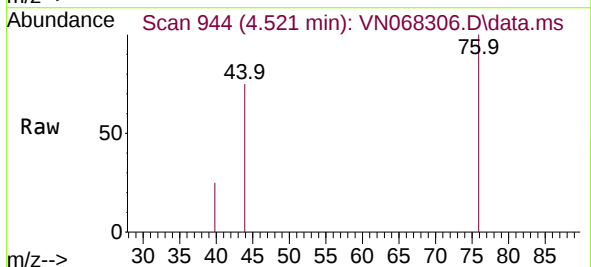
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-580-582

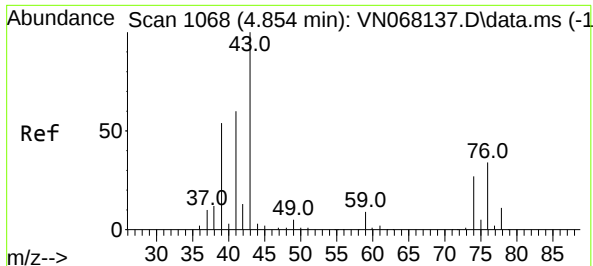
Tgt Ion: 43 Resp: 7944
Ion Ratio Lower Upper
43 100
58 32.7 21.2 31.8#



#17
Carbon Disulfide
Concen: 0.227 ug/l
RT: 4.521 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN068306.D
Acq: 25 Aug 2021 17:41

Tgt Ion: 76 Resp: 2072
Ion Ratio Lower Upper
76 100
78 0.0 7.7 11.5#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.859 min Scan# 1070

Delta R.T. 0.005 min

Lab File: VN068306.D

Acq: 25 Aug 2021 17:41

Instrument :

MSVOA_N

ClientSampleId :

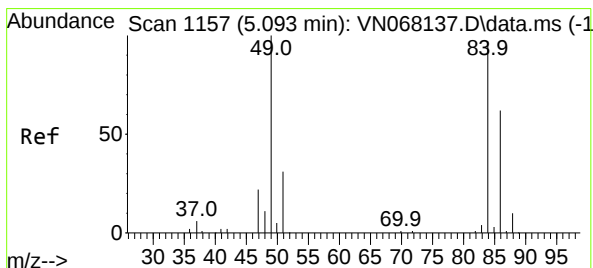
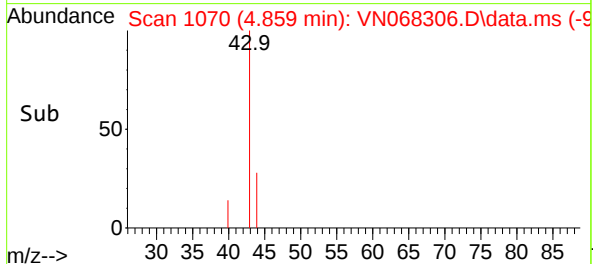
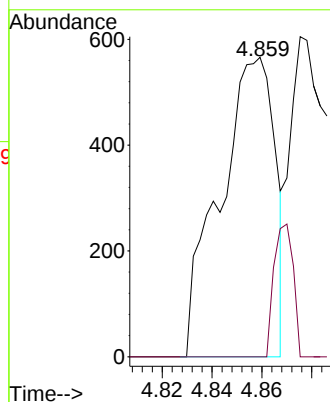
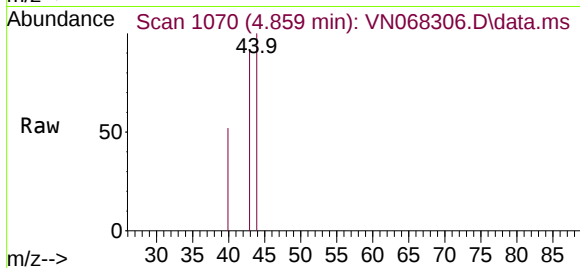
BP-TT-VPB-RW7-GW-580-582

Tgt Ion: 43 Resp: 870

Ion Ratio Lower Upper

43 100

74 0.0 17.4 26.0#



#20

Methylene Chloride

Concen: Below Cal

RT: 5.082 min Scan# 1153

Delta R.T. -0.011 min

Lab File: VN068306.D

Acq: 25 Aug 2021 17:41

Tgt Ion: 84 Resp: 115

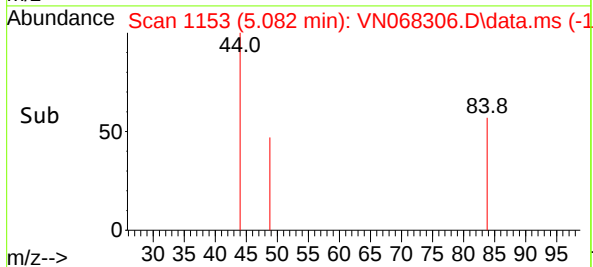
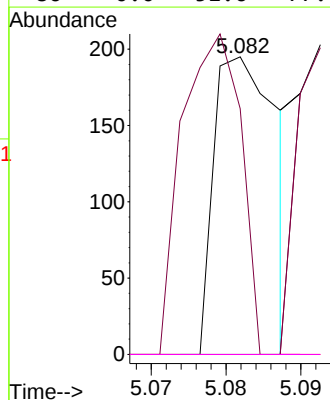
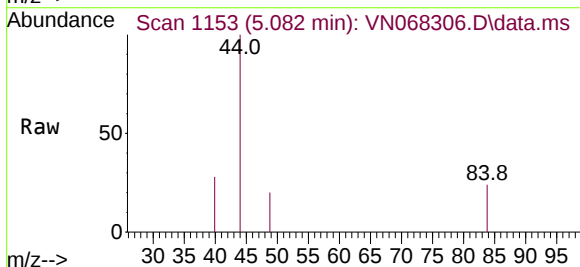
Ion Ratio Lower Upper

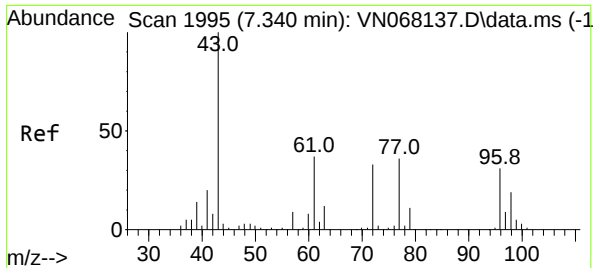
84 100

49 82.6 110.9 166.3#

51 0.0 32.6 49.0#

86 0.0 51.6 77.4#

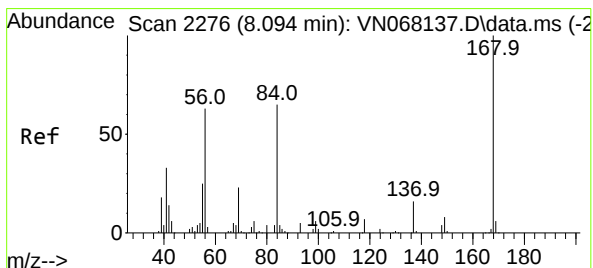
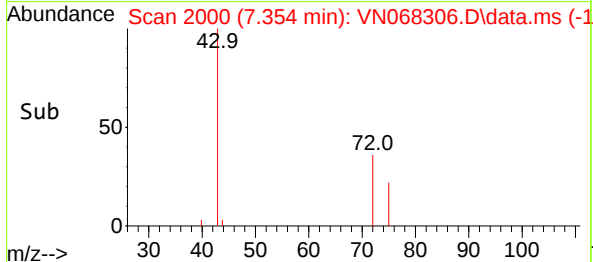
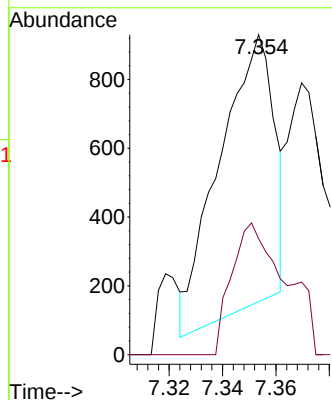
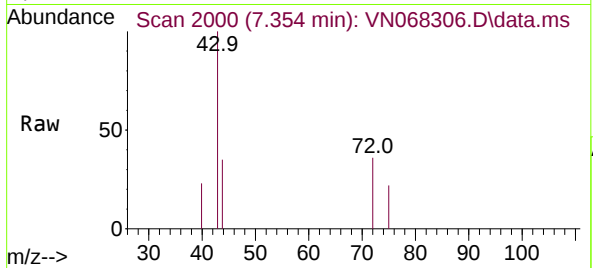




#25
2-Butanone
Concen: 0.532 ug/l
RT: 7.354 min Scan# 2000
Delta R.T. 0.014 min
Lab File: VN068306.D
Acq: 25 Aug 2021 17:41

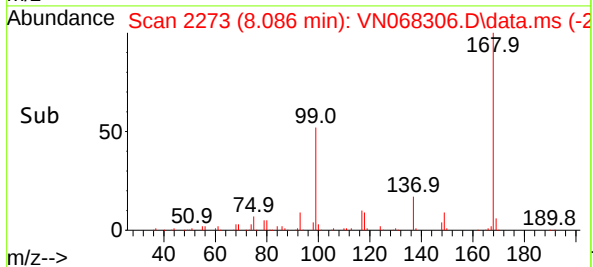
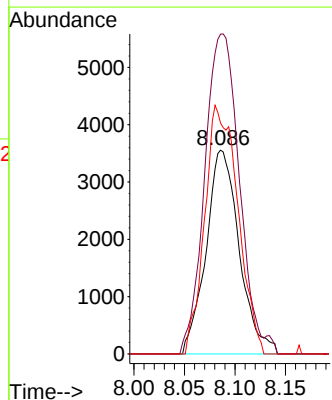
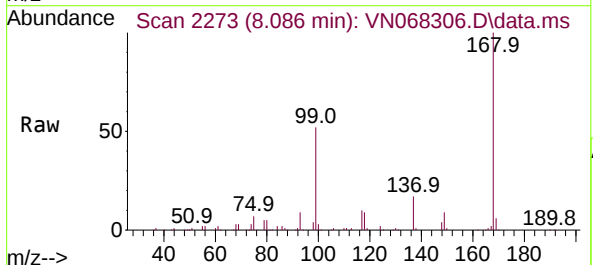
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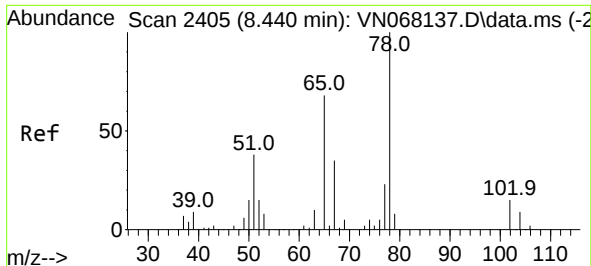
Tgt Ion: 43 Resp: 1127
Ion Ratio Lower Upper
43 100
72 45.1 19.7 29.5#



#31
Cyclohexane
Concen: 1.326 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.008 min
Lab File: VN068306.D
Acq: 25 Aug 2021 17:41

Tgt Ion: 56 Resp: 8128
Ion Ratio Lower Upper
56 100
69 156.9 27.3 40.9#
84 113.3 64.9 97.3#

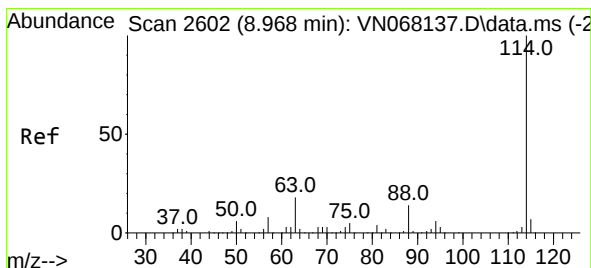
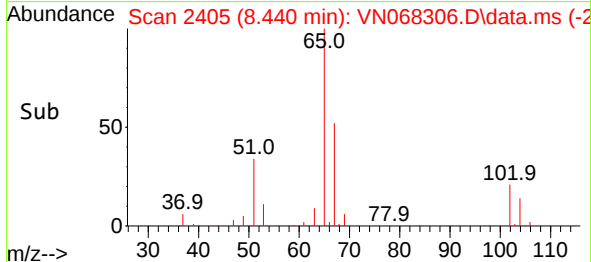
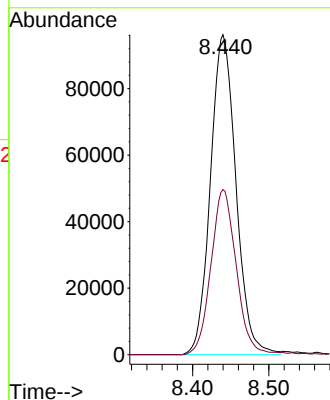
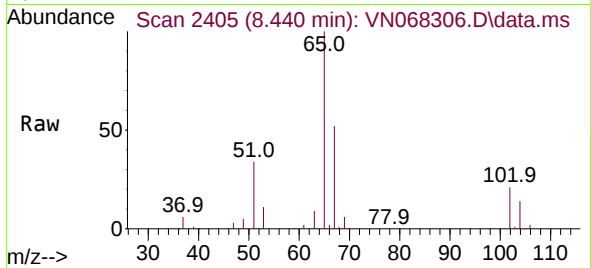




#33
 1,2-Dichloroethane-d4
 Concen: 48.102 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN068306.D
 Acq: 25 Aug 2021 17:41

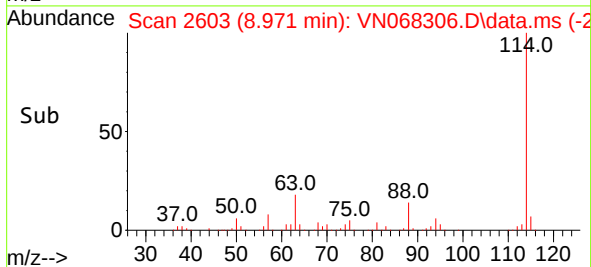
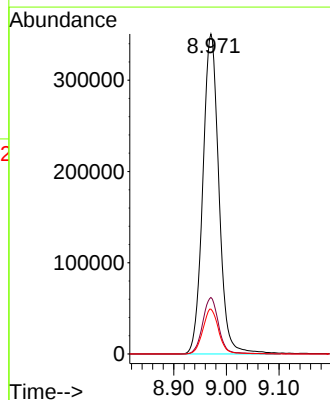
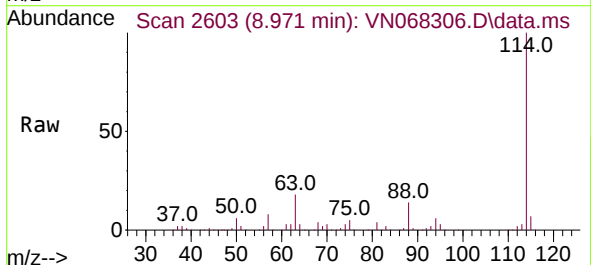
Instrument :
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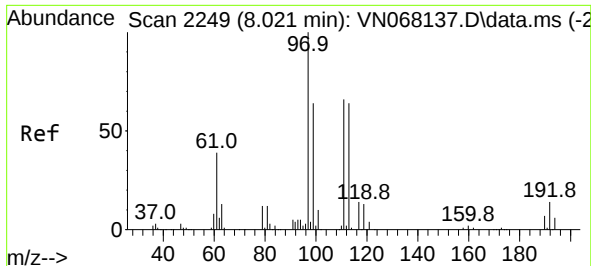
Tgt Ion: 65 Resp: 223811
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 98.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. 0.003 min
 Lab File: VN068306.D
 Acq: 25 Aug 2021 17:41

Tgt Ion: 114 Resp: 744443
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 49.0
 88 14.0 0.0 36.6

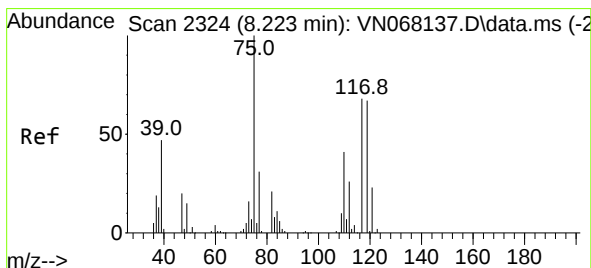
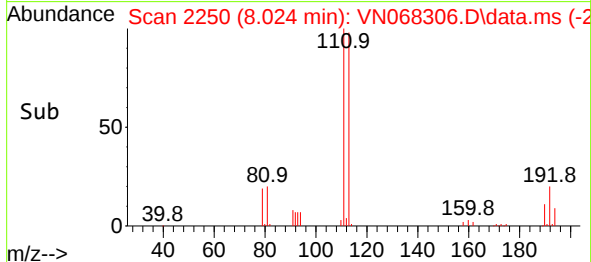
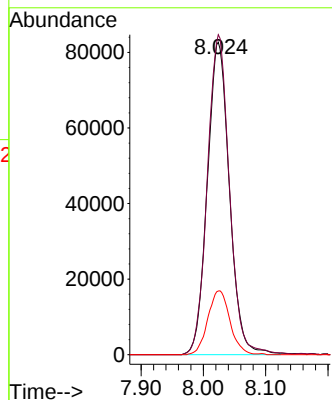
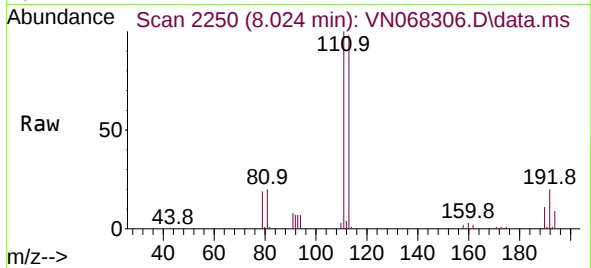




#35
Dibromofluoromethane
Concen: 43.663 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068306.D
Acq: 25 Aug 2021 17:41

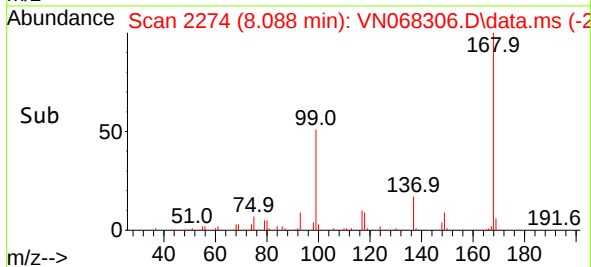
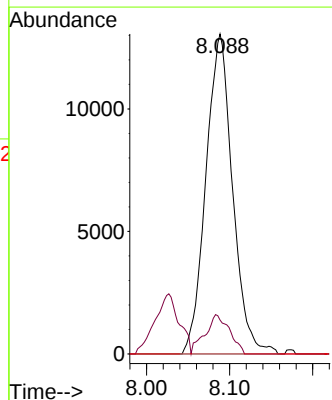
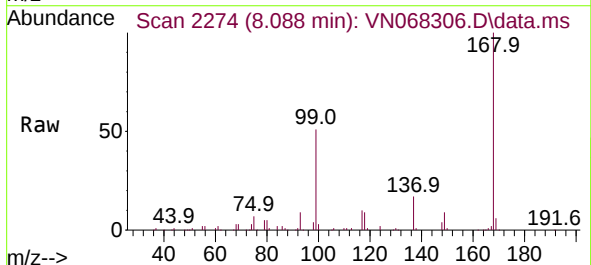
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-580-582

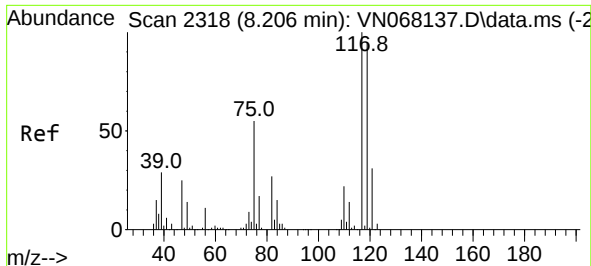
Tgt Ion:113 Resp: 204074
Ion Ratio Lower Upper
113 100
111 102.4 83.8 125.8
192 20.5 13.4 20.0#



#36
1,1-Dichloropropene
Concen: 4.789 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.135 min
Lab File: VN068306.D
Acq: 25 Aug 2021 17:41

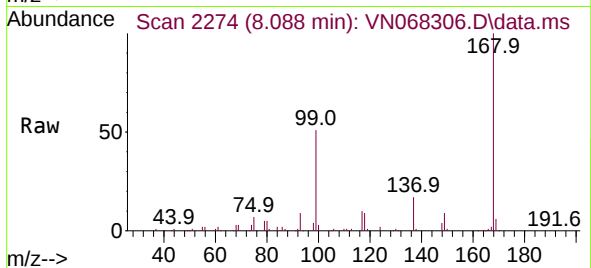
Tgt Ion: 75 Resp: 29143
Ion Ratio Lower Upper
75 100
110 11.2 15.7 47.0#
77 0.0 24.6 37.0#



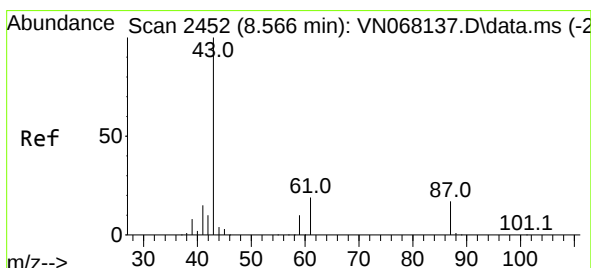
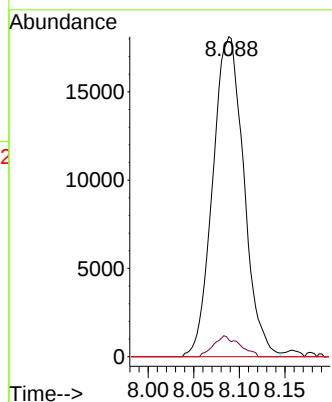
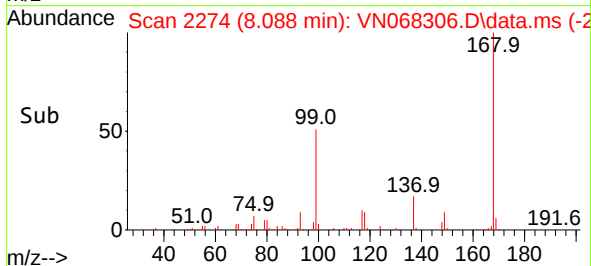


#38
Carbon Tetrachloride
Concen: 6.119 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.118 min
Lab File: VN068306.D
Acq: 25 Aug 2021 17:41

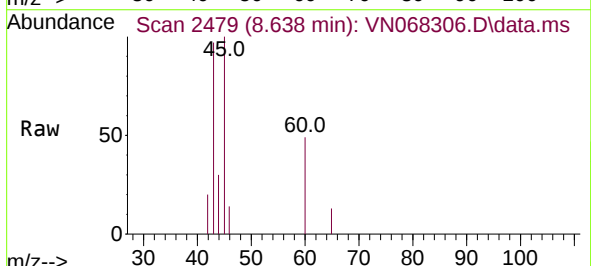
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-580-582



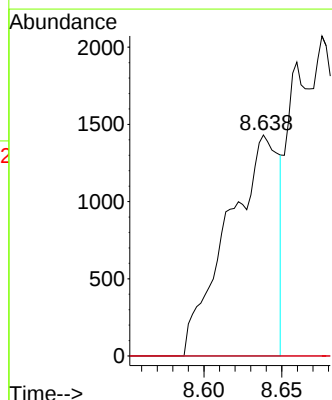
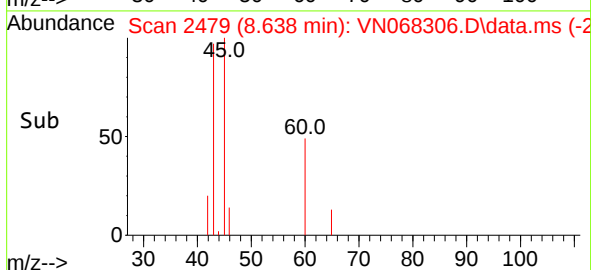
Tgt Ion:117 Resp: 42948
Ion Ratio Lower Upper
117 100
119 5.2 75.4 113.2#
121 0.0 23.5 35.3#

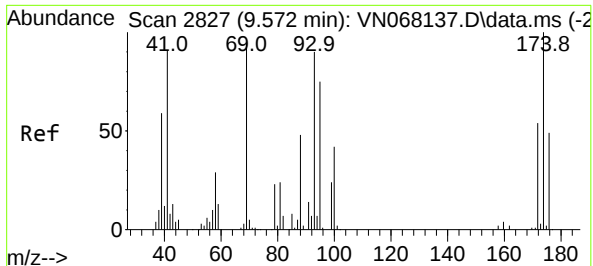


#43
Isopropyl Acetate
Concen: 0.389 ug/l
RT: 8.638 min Scan# 2479
Delta R.T. 0.072 min
Lab File: VN068306.D
Acq: 25 Aug 2021 17:41



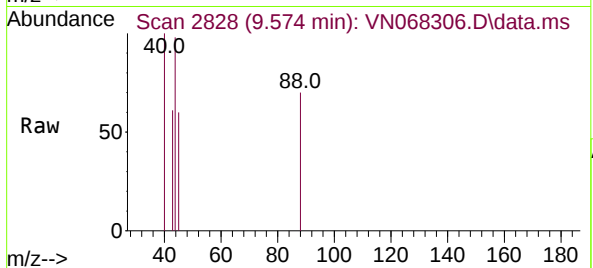
Tgt Ion: 43 Resp: 3233
Ion Ratio Lower Upper
43 100
61 0.0 19.0 28.4#
87 0.0 9.5 14.3#



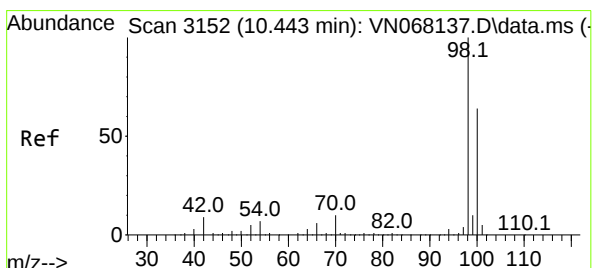
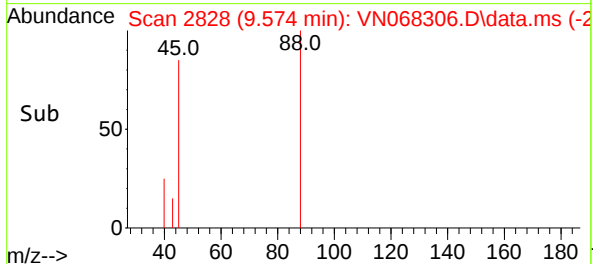
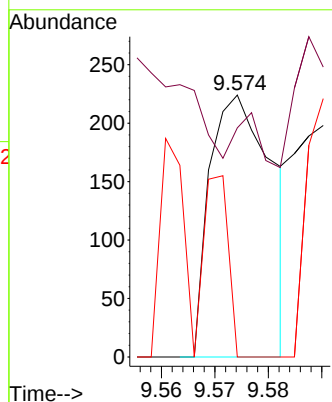


#49
1,4-Dioxane
Concen: 2.152 ug/l
RT: 9.574 min Scan# 2828
Delta R.T. 0.002 min
Lab File: VN068306.D
Acq: 25 Aug 2021 17:41

Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-580-582

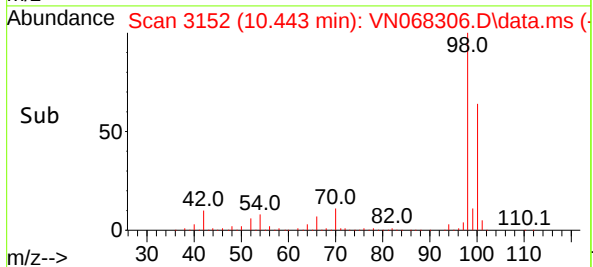
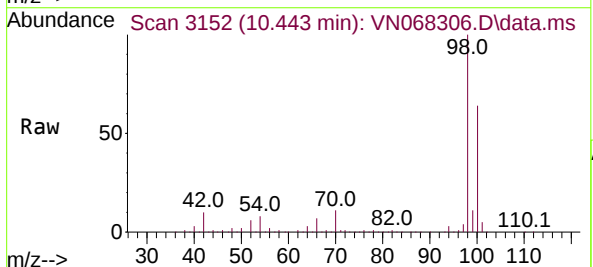
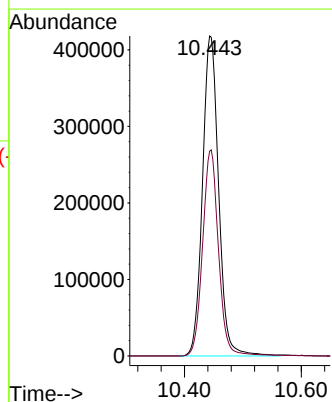


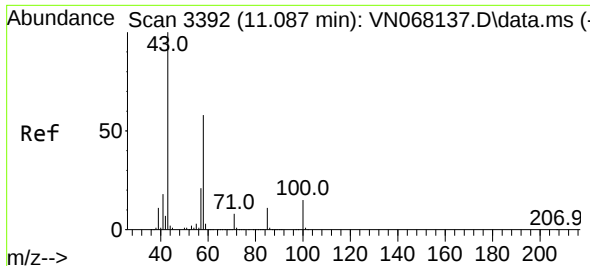
Tgt Ion: 88 Resp: 180
Ion Ratio Lower Upper
88 100
43 0.0 28.8 43.2#
58 27.2 60.4 90.6#



#50
Toluene-d8
Concen: 45.080 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068306.D
Acq: 25 Aug 2021 17:41

Tgt Ion: 98 Resp: 802826
Ion Ratio Lower Upper
98 100
100 63.1 51.7 77.5

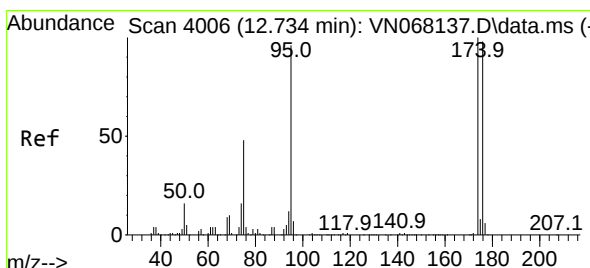
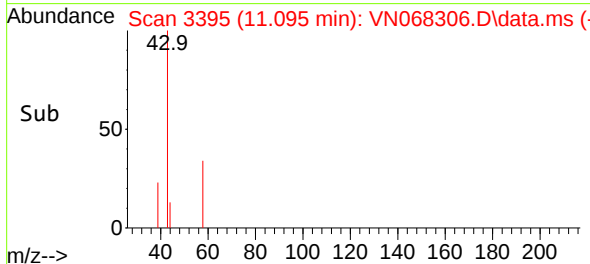
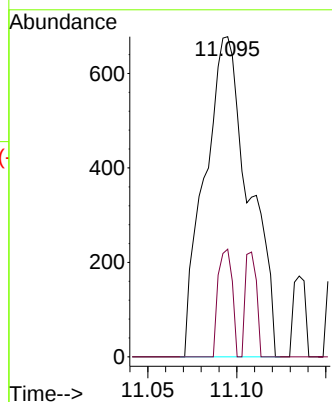
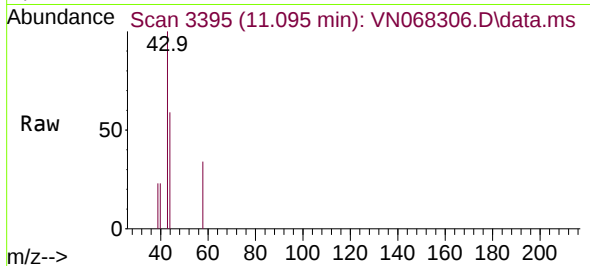




#59
2-Hexanone
Concen: 0.332 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.008 min
Lab File: VN068306.D
Acq: 25 Aug 2021 17:41

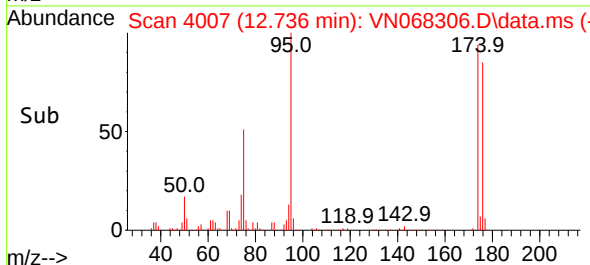
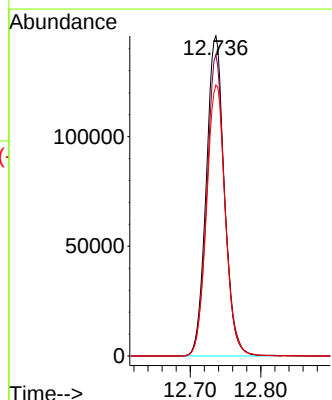
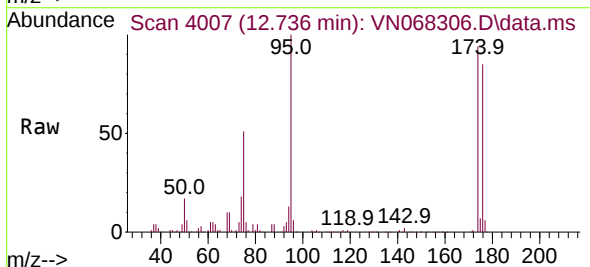
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-580-582

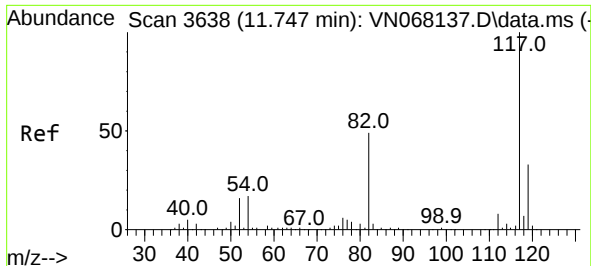
Tgt Ion: 43 Resp: 1175
Ion Ratio Lower Upper
43 100
58 10.6 24.7 74.1#



#62
4-Bromofluorobenzene
Concen: 43.898 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.002 min
Lab File: VN068306.D
Acq: 25 Aug 2021 17:41

Tgt Ion: 95 Resp: 260249
Ion Ratio Lower Upper
95 100
174 93.2 0.0 122.0
176 87.5 0.0 117.6

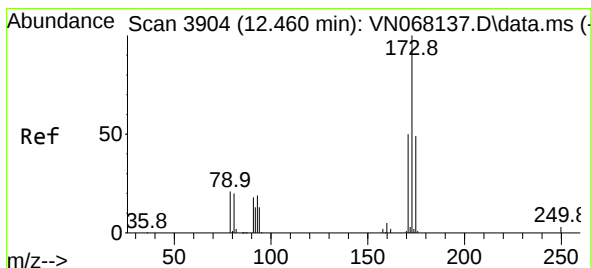
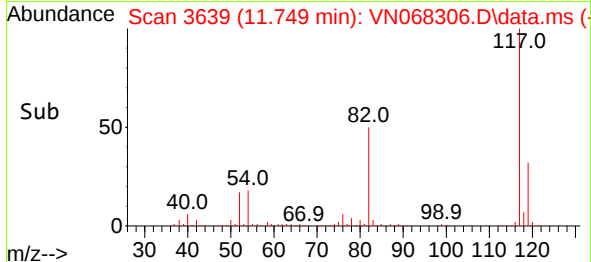
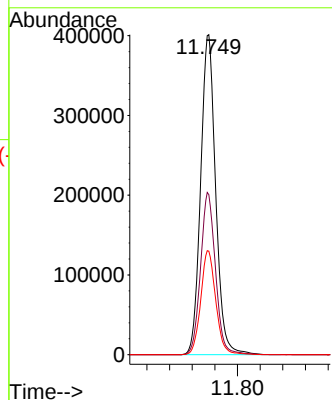
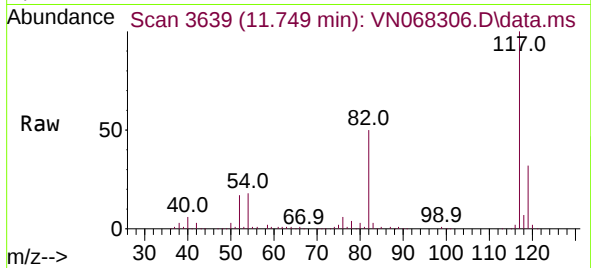




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.002 min
Lab File: VN068306.D
Acq: 25 Aug 2021 17:41

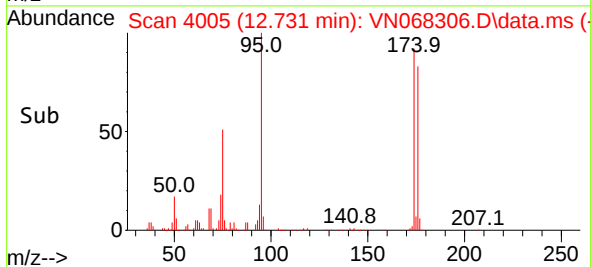
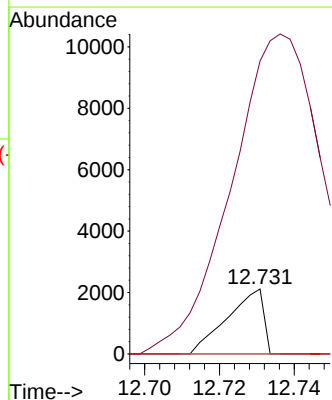
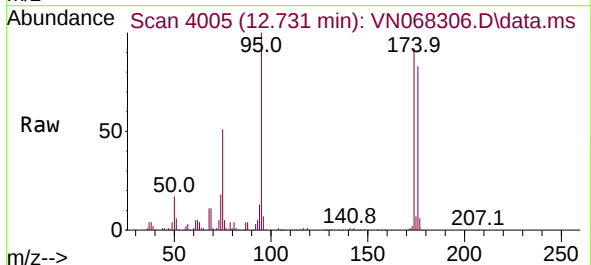
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-580-582

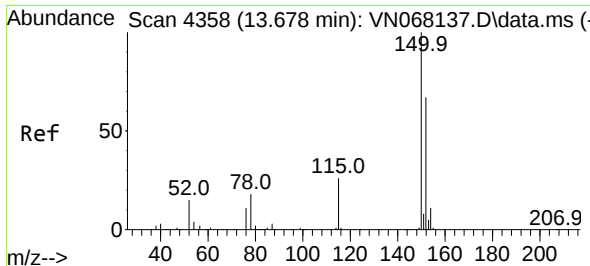
Tgt Ion:117 Resp: 737999
Ion Ratio Lower Upper
117 100
82 50.0 53.1 79.7#
119 32.3 25.5 38.3



#71
Bromoform
Concen: 0.312 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.271 min
Lab File: VN068306.D
Acq: 25 Aug 2021 17:41

Tgt Ion:173 Resp: 1426
Ion Ratio Lower Upper
173 100
175 1150.4 23.9 71.8#
254 0.0 0.0 0.0

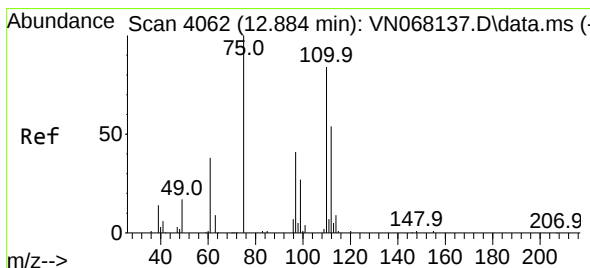
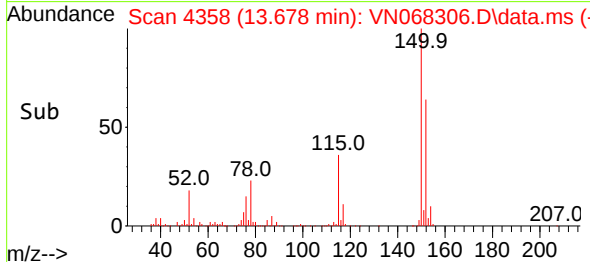
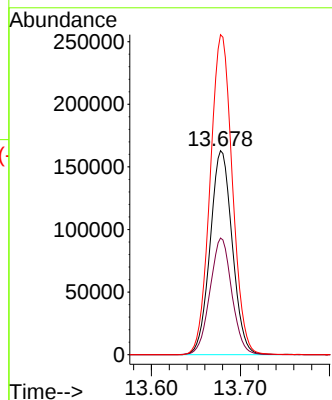
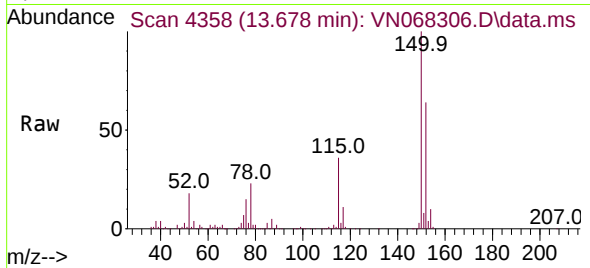




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.678 min Scan# 4358
 Delta R.T. -0.000 min
 Lab File: VN068306.D
 Acq: 25 Aug 2021 17:41

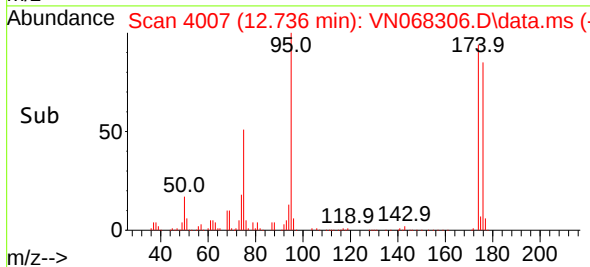
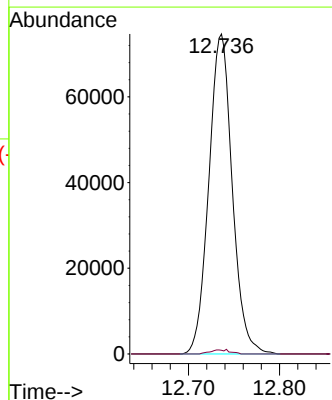
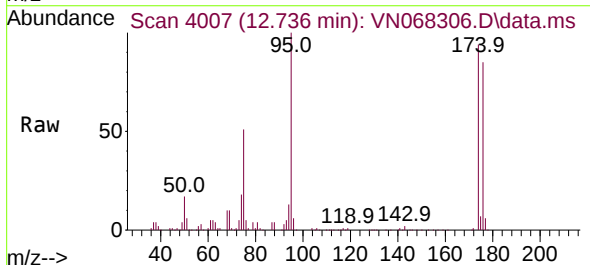
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-VPB-RW7-GW-580-582

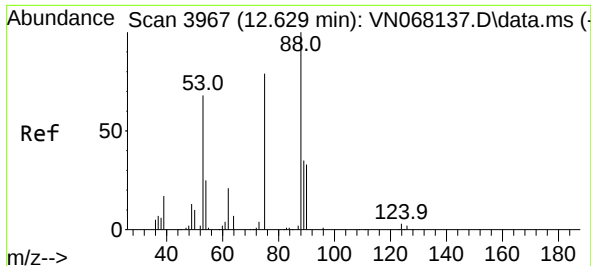
Tgt Ion:152 Resp: 281640
 Ion Ratio Lower Upper
 152 100
 115 56.3 36.1 108.5
 150 157.4 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 28.479 ug/l
 RT: 12.736 min Scan# 4007
 Delta R.T. -0.148 min
 Lab File: VN068306.D
 Acq: 25 Aug 2021 17:41

Tgt Ion: 75 Resp: 133315
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#

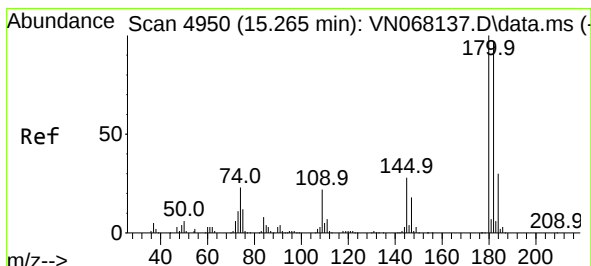
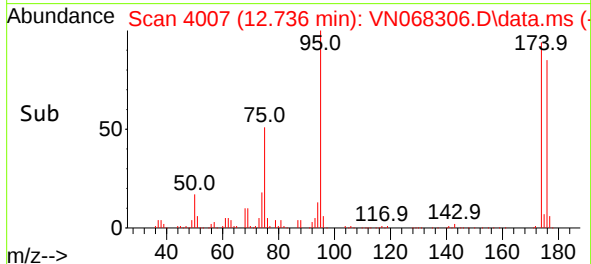
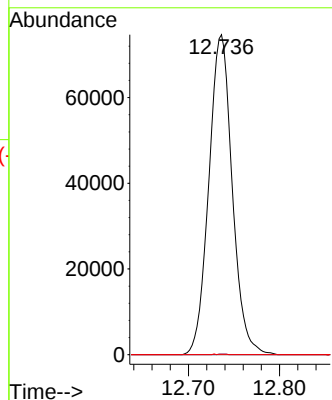
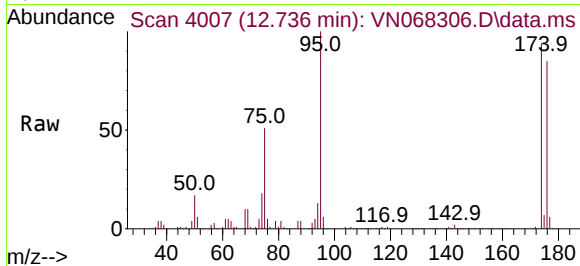




#81
trans-1,4-Dichloro-2-butene
Concen: 93.302 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.107 min
Lab File: VN068306.D
Acq: 25 Aug 2021 17:41

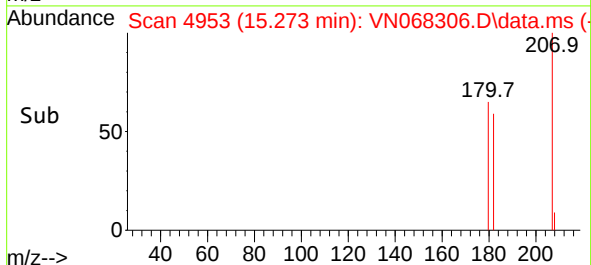
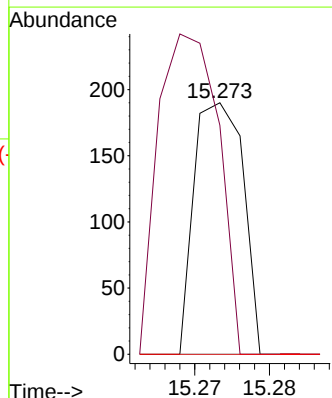
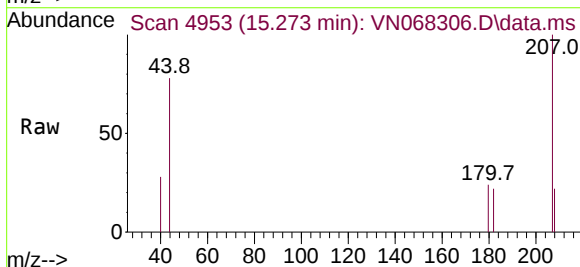
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-580-582

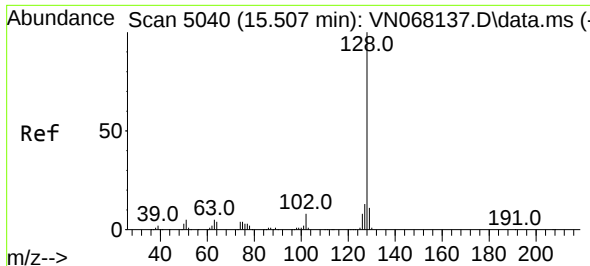
Tgt Ion: 75 Resp: 133315
Ion Ratio Lower Upper
75 100
53 0.1 87.6 131.4#
89 0.0 37.8 56.8#



#93
1,2,4-Trichlorobenzene
Concen: 2.702 ug/l
RT: 15.273 min Scan# 4953
Delta R.T. 0.008 min
Lab File: VN068306.D
Acq: 25 Aug 2021 17:41

Tgt Ion:180 Resp: 86
Ion Ratio Lower Upper
180 100
182 158.1 47.5 142.5#
145 0.0 17.2 51.6#

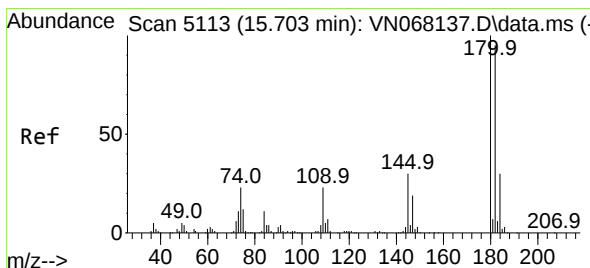
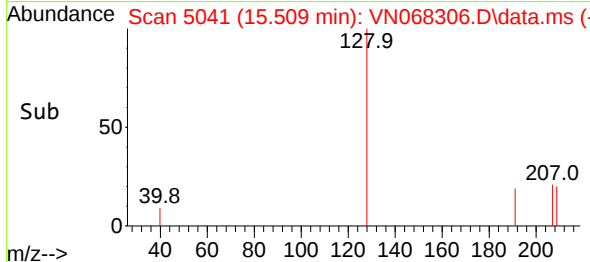
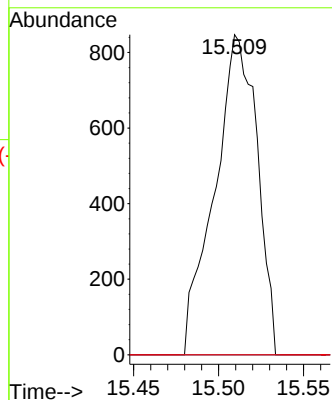
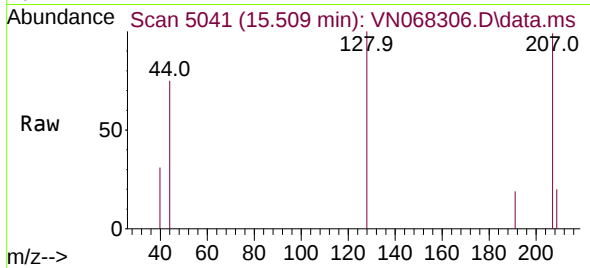




#95
Naphthalene
Concen: 3.469 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068306.D
Acq: 25 Aug 2021 17:41

Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-580-582

Tgt Ion:128 Resp: 1479
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 2.875 ug/l
RT: 15.711 min Scan# 5116
Delta R.T. 0.008 min
Lab File: VN068306.D
Acq: 25 Aug 2021 17:41

Tgt Ion:180 Resp: 207
Ion Ratio Lower Upper
180 100
182 93.7 47.8 143.3
145 0.0 18.2 54.6#

