

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082521\
 Data File : VN068307.D
 Acq On : 25 Aug 2021 18:06
 Operator : JC/MD
 Sample : M3534-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-VPB-RW7-DUP-20210824

Quant Time: Aug 26 05:40:05 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)

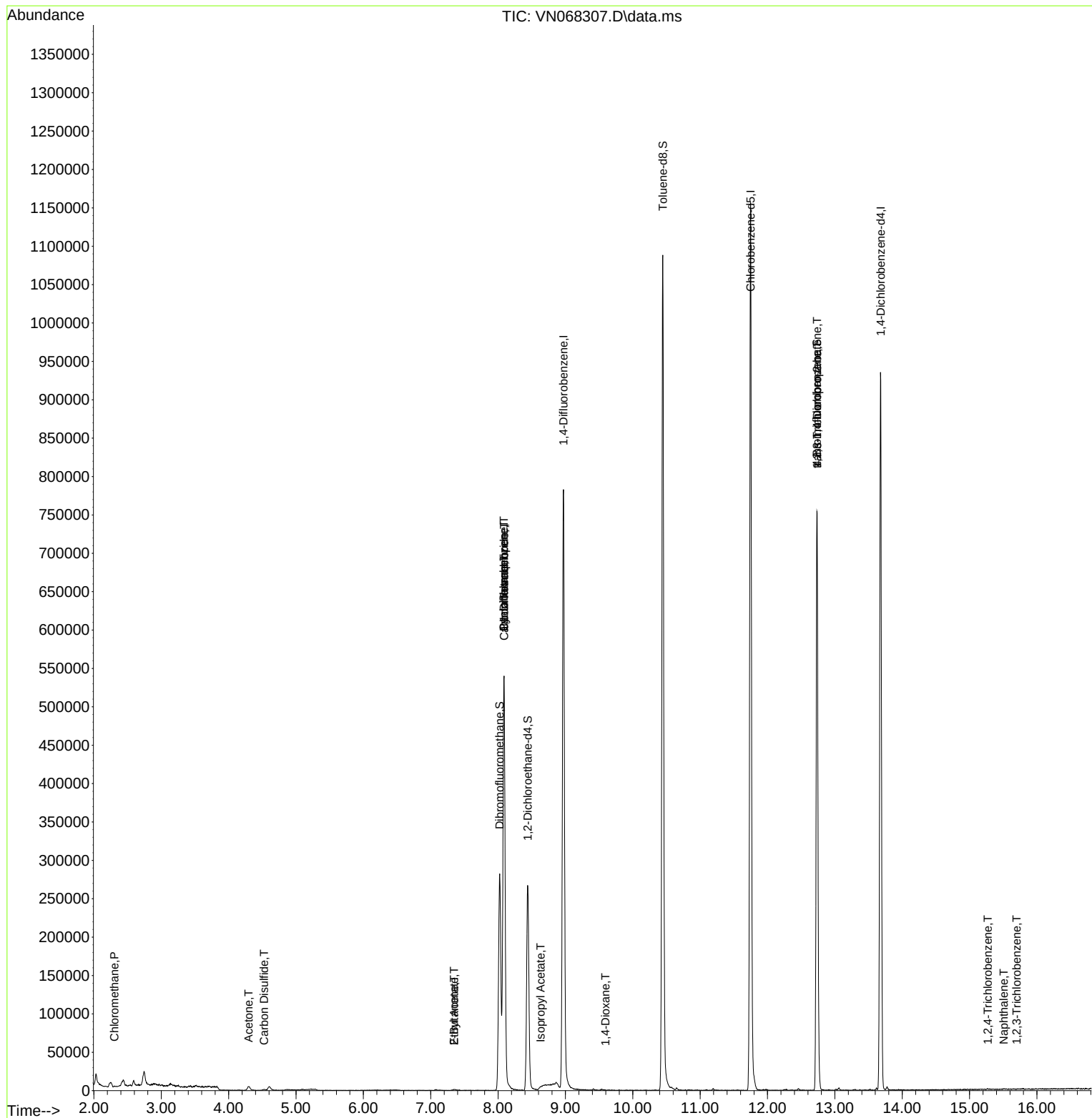
Internal Standards						
1) Pentafluorobenzene	8.088	168	448524	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	753324	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	753082	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.680	152	281973	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	229489	47.920	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.840%		
35) Dibromofluoromethane	8.024	113	204222	43.180	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	86.360%		
50) Toluene-d8	10.446	98	808679	44.873	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	89.740%		
62) 4-Bromofluorobenzene	12.733	95	266596	44.439	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	88.880%		
Target Compounds			Qvalue			
3) Chloromethane	2.303	50	1199	0.299	ug/l	92
5) Bromomethane	2.832	94	78	Below Cal	#	4
6) Chloroethane	2.926	64	25	Below Cal	#	44
13) Acrolein	4.052	56	83	Below Cal	#	14
16) Acetone	4.296	43	9349	6.686	ug/l	94
17) Carbon Disulfide	4.527	76	2243	0.239	ug/l	# 74
18) Methyl Acetate	4.851	43	522	Below Cal	#	54
20) Methylene Chloride	5.098	84	119	Below Cal	#	2
25) 2-Butanone	7.345	43	2338	1.073	ug/l	91
31) Cyclohexane	8.088	56	7872	1.248	ug/l	# 1
36) 1,1-Dichloropropene	8.088	75	29140	4.732	ug/l	# 54
37) Ethyl Acetate	7.345	43	2338	0.446	ug/l	# 69
38) Carbon Tetrachloride	8.091	117	43462	6.119	ug/l	# 16
43) Isopropyl Acetate	8.630	43	2738	0.326	ug/l	# 58
49) 1,4-Dioxane	9.593	88	179	2.115	ug/l	# 66
76) 1,2,3-Trichloropropane	12.736	75	132765	28.328	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.736	75	132765	92.808	ug/l	# 6
93) 1,2,4-Trichlorobenzene	15.271	180	26	2.690	ug/l	# 1
95) Naphthalene	15.507	128	1270	3.451	ug/l	# 69
96) 1,2,3-Trichlorobenzene	15.700	180	98	2.852	ug/l	# 12

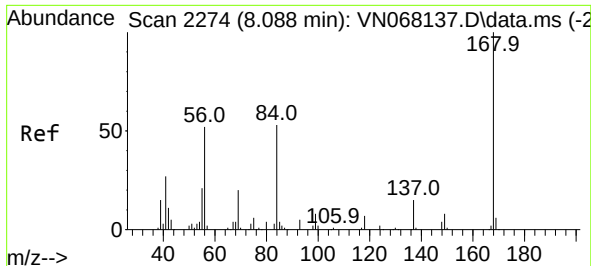
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082521\
Data File : VN068307.D
Acq On : 25 Aug 2021 18:06
Operator : JC/MD
Sample : M3534-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-DUP-20210824

Quant Time: Aug 26 05:40:05 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

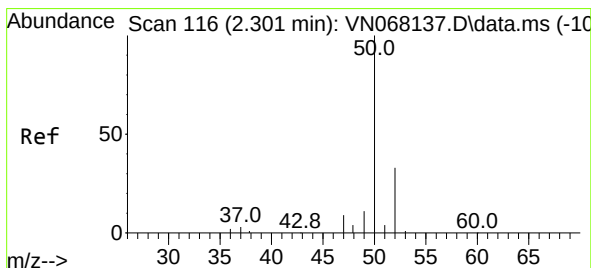
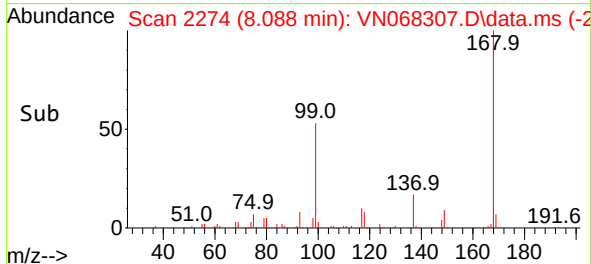
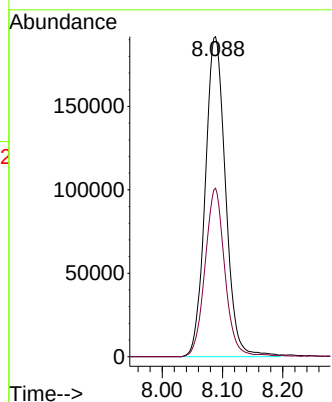
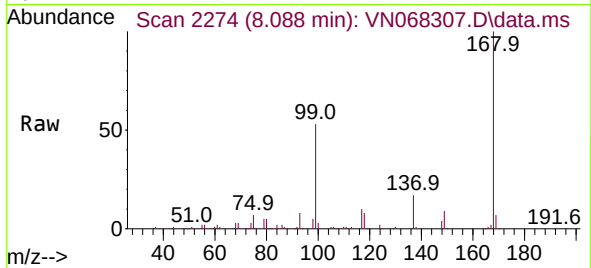




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068307.D
Acq: 25 Aug 2021 18:06

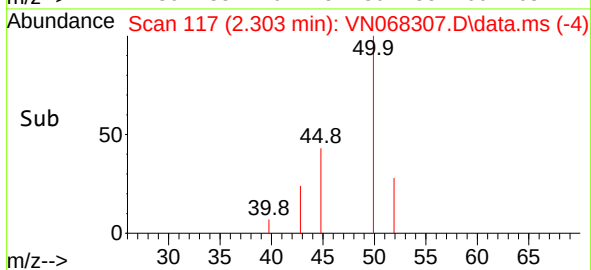
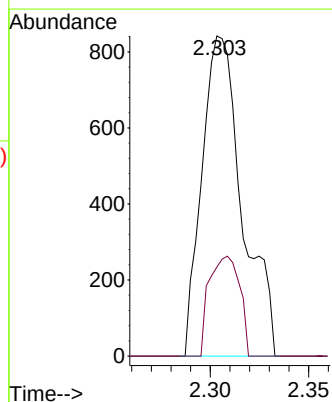
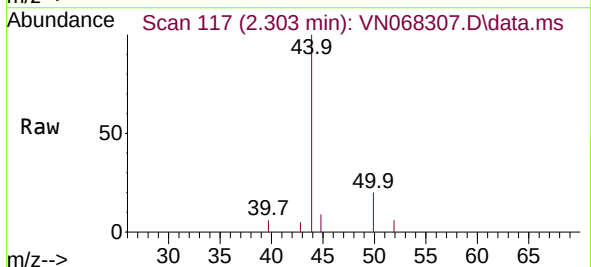
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-DUP-20210824

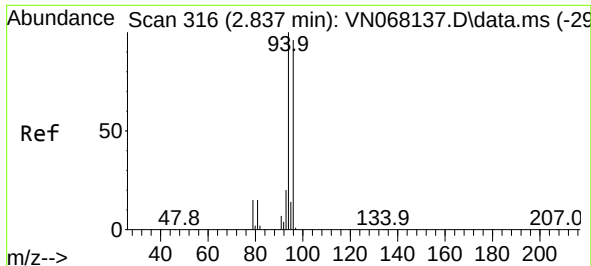
Tgt Ion:168 Resp: 448524
Ion Ratio Lower Upper
168 100
99 52.7 62.9 94.3#



#3
Chloromethane
Concen: 0.299 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.002 min
Lab File: VN068307.D
Acq: 25 Aug 2021 18:06

Tgt Ion: 50 Resp: 1199
Ion Ratio Lower Upper
50 100
52 27.8 25.6 38.4

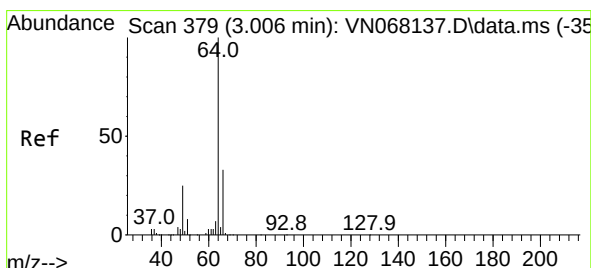
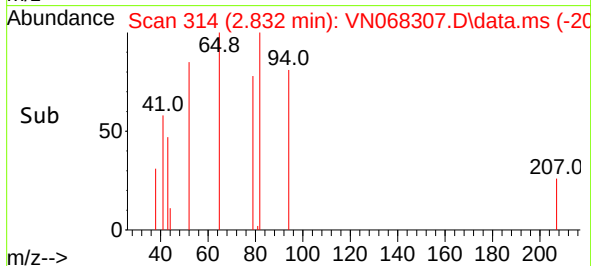
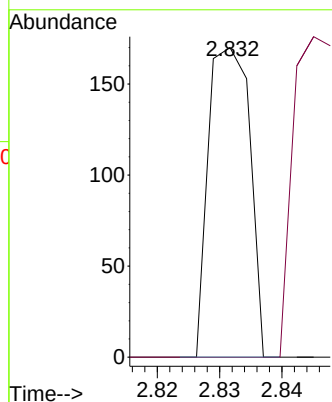
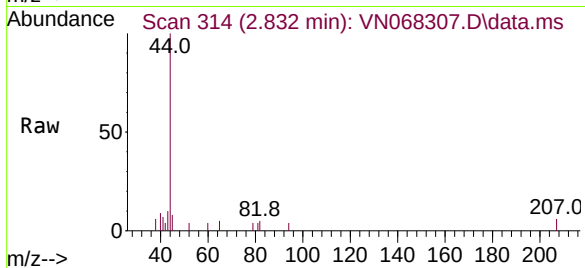




#5
Bromomethane
Concen: Below Cal
RT: 2.832 min Scan# 314
Delta R.T. -0.005 min
Lab File: VN068307.D
Acq: 25 Aug 2021 18:06

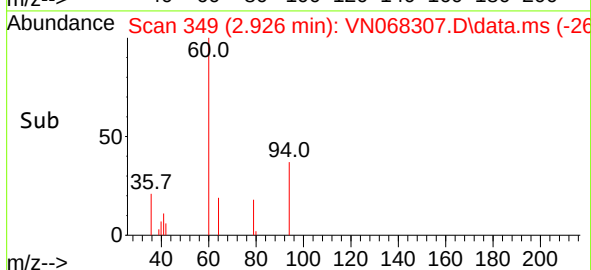
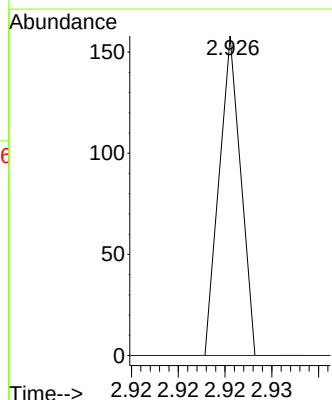
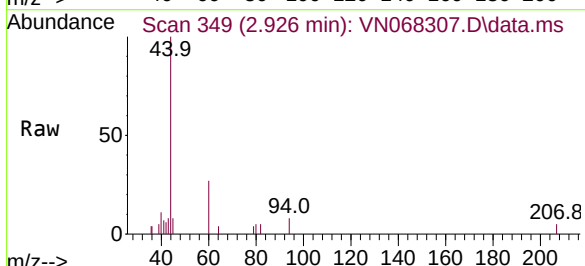
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-DUP-20210824

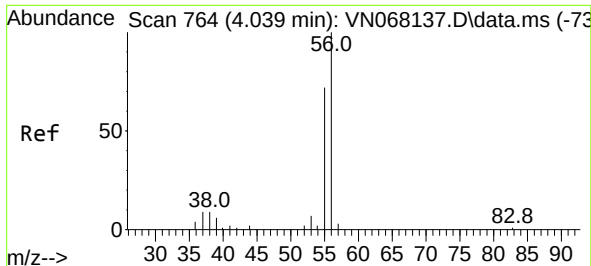
Tgt Ion: 94 Resp: 78
Ion Ratio Lower Upper
94 100
96 0.0 73.7 110.5#



#6
Chloroethane
Concen: Below Cal
RT: 2.926 min Scan# 349
Delta R.T. -0.080 min
Lab File: VN068307.D
Acq: 25 Aug 2021 18:06

Tgt Ion: 64 Resp: 25
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#

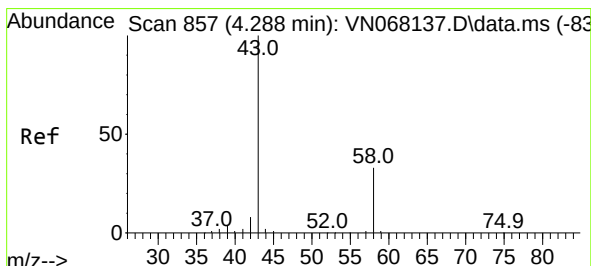
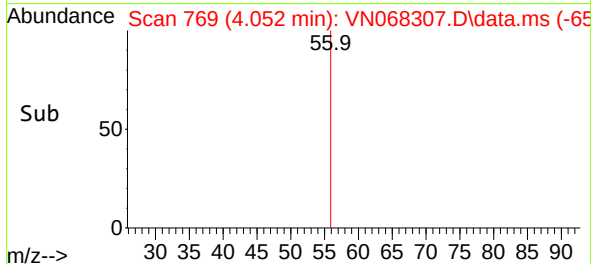
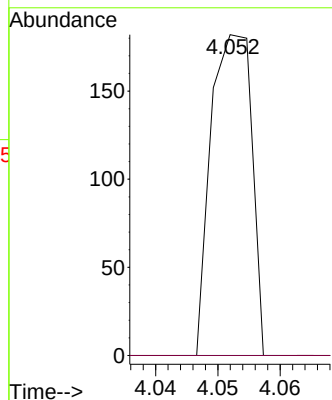
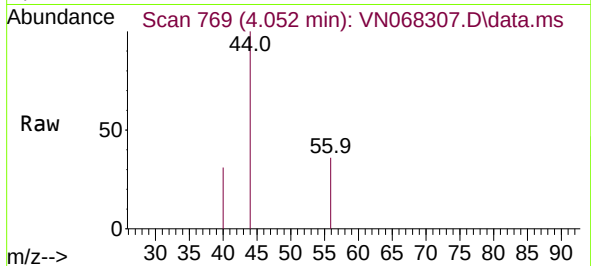




#13
Acrolein
Concen: Below Cal
RT: 4.052 min Scan# 769
Delta R.T. 0.013 min
Lab File: VN068307.D
Acq: 25 Aug 2021 18:06

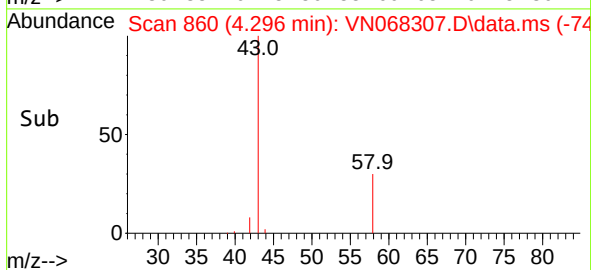
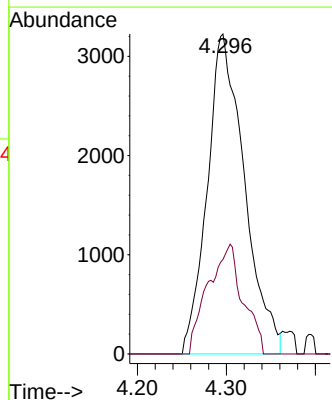
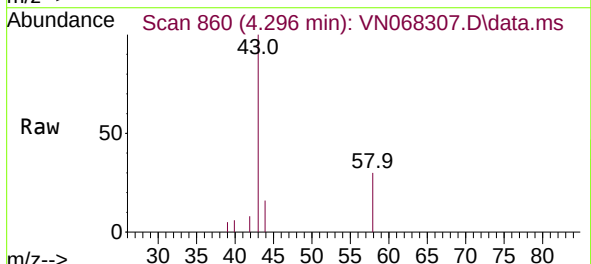
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-DUP-20210824

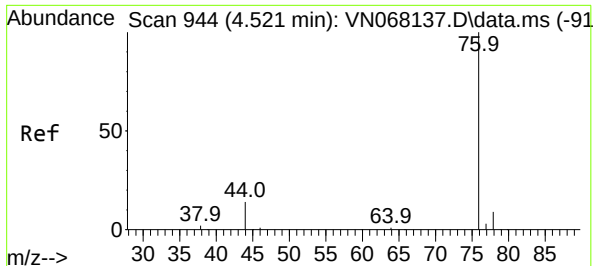
Tgt Ion: 56 Resp: 83
Ion Ratio Lower Upper
56 100
55 0.0 57.4 86.0#



#16
Acetone
Concen: 6.686 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.008 min
Lab File: VN068307.D
Acq: 25 Aug 2021 18:06

Tgt Ion: 43 Resp: 9349
Ion Ratio Lower Upper
43 100
58 29.5 21.2 31.8

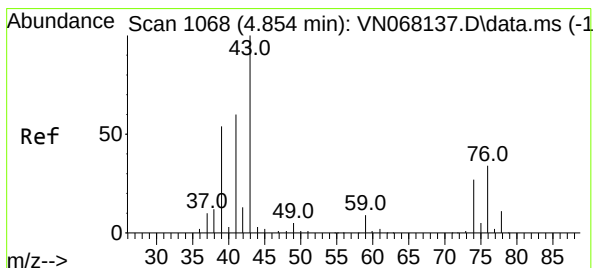
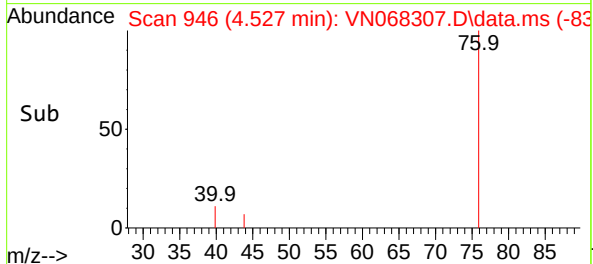
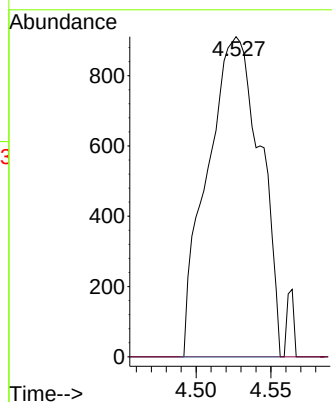
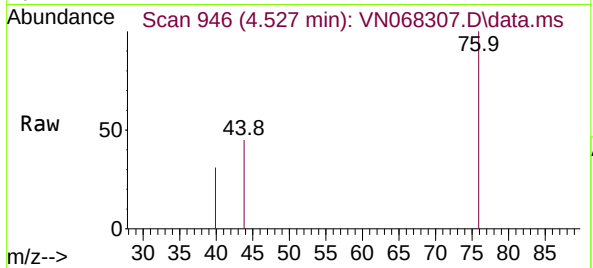




#17
Carbon Disulfide
Concen: 0.239 ug/l
RT: 4.527 min Scan# 946
Delta R.T. 0.006 min
Lab File: VN068307.D
Acq: 25 Aug 2021 18:06

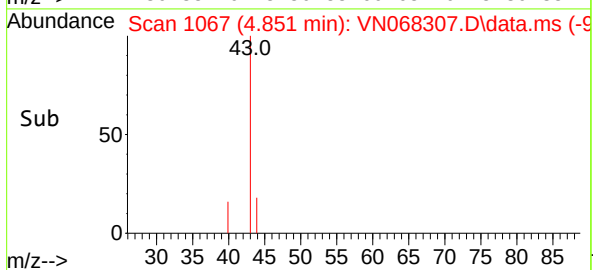
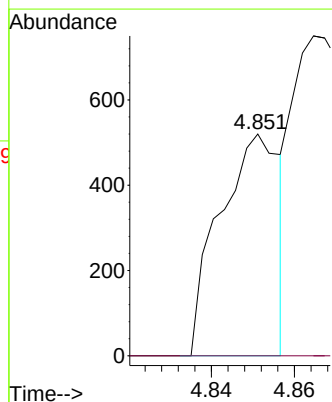
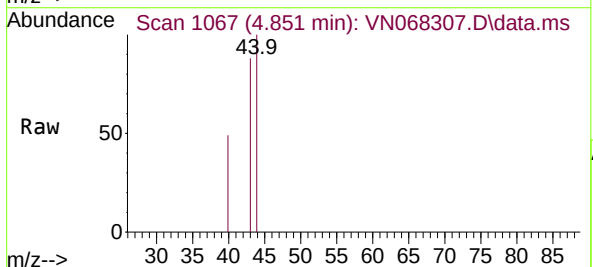
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-DUP-20210824

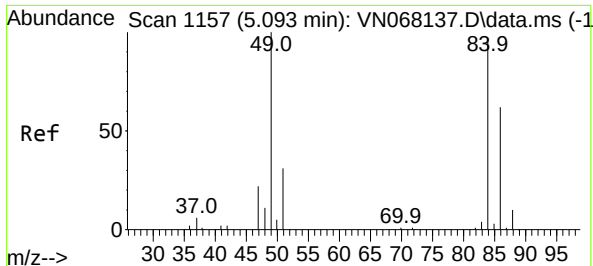
Tgt Ion: 76 Resp: 2243
Ion Ratio Lower Upper
76 100
78 0.0 7.7 11.5#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.851 min Scan# 1067
Delta R.T. -0.003 min
Lab File: VN068307.D
Acq: 25 Aug 2021 18:06

Tgt Ion: 43 Resp: 522
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.0#

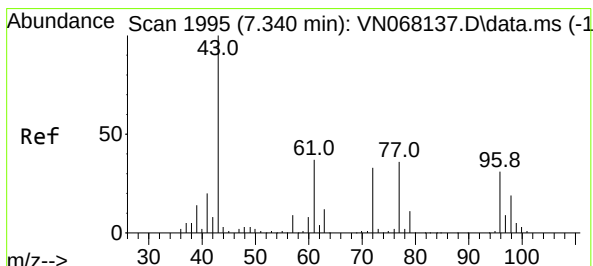
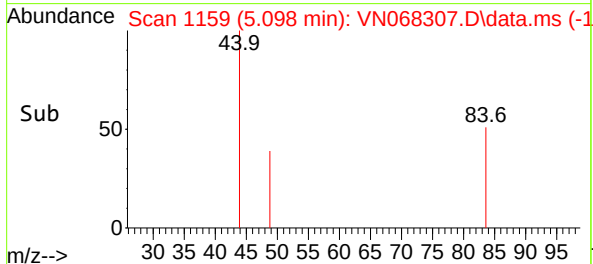
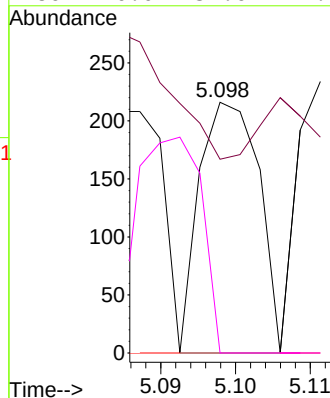
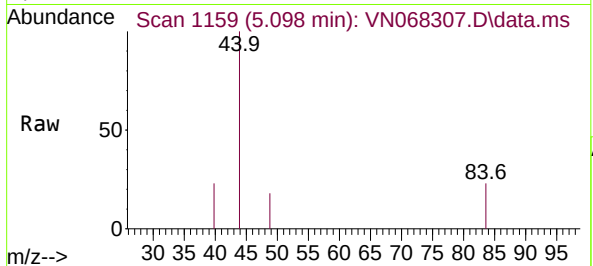




#20
Methylene Chloride
Concen: Below Cal
RT: 5.098 min Scan# 1159
Delta R.T. 0.005 min
Lab File: VN068307.D
Acq: 25 Aug 2021 18:06

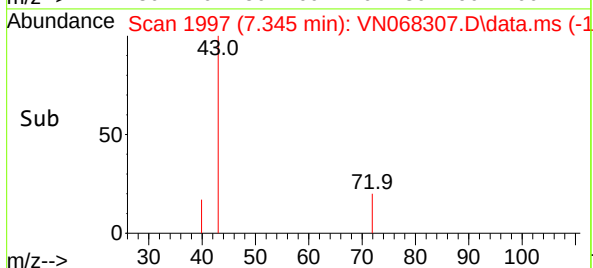
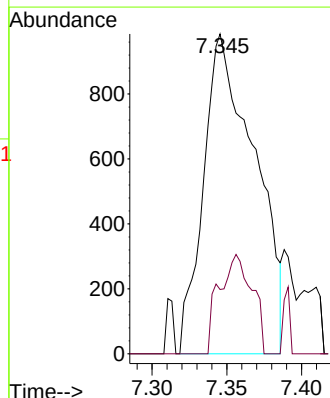
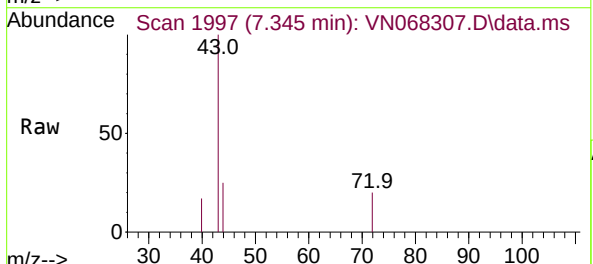
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-DUP-20210824

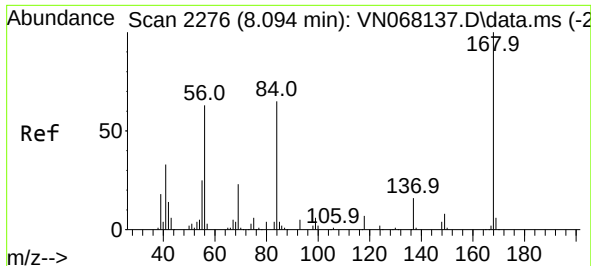
Tgt Ion:	84	Resp:	119
Ion	Ratio	Lower	Upper
84	100		
49	0.0	110.9	166.3#
51	0.0	32.6	49.0#
86	0.0	51.6	77.4#



#25
2-Butanone
Concen: 1.073 ug/l
RT: 7.345 min Scan# 1997
Delta R.T. 0.005 min
Lab File: VN068307.D
Acq: 25 Aug 2021 18:06

Tgt Ion:	43	Resp:	2338
Ion	Ratio	Lower	Upper
43	100		
72	20.1	19.7	29.5

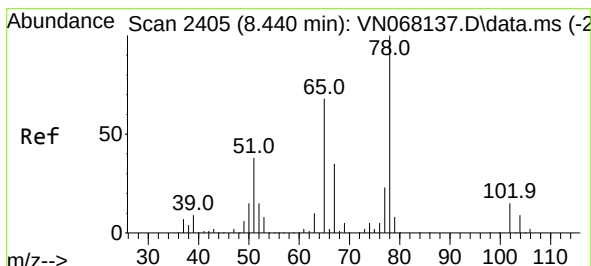
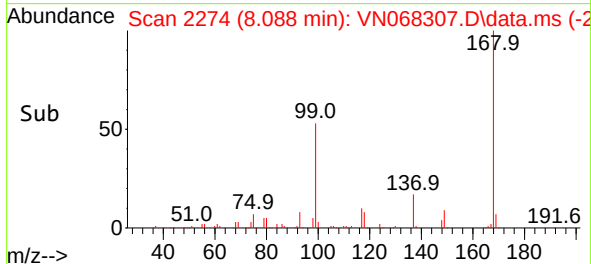
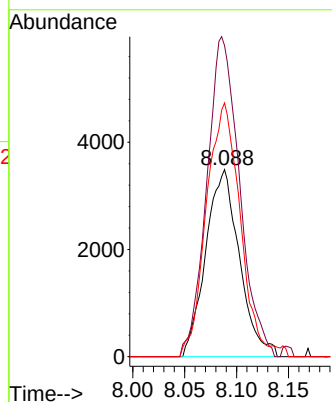
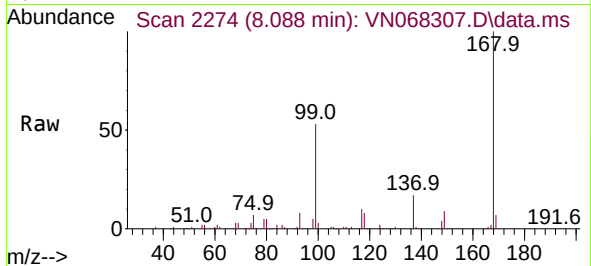




#31
Cyclohexane
Concen: 1.248 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.006 min
Lab File: VN068307.D
Acq: 25 Aug 2021 18:06

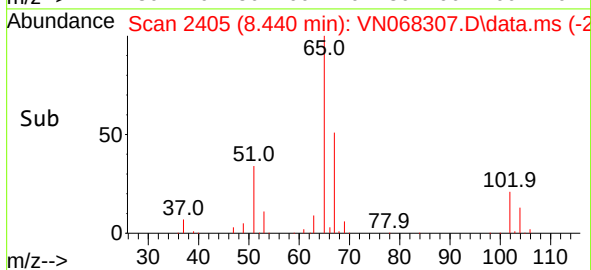
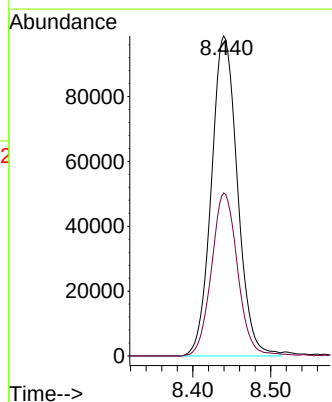
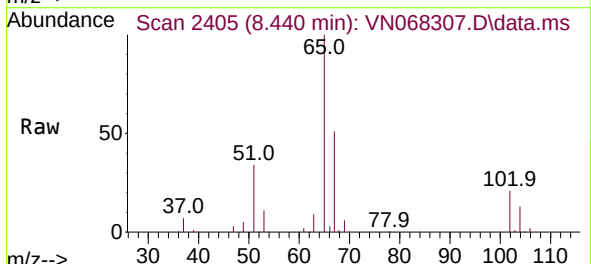
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-DUP-20210824

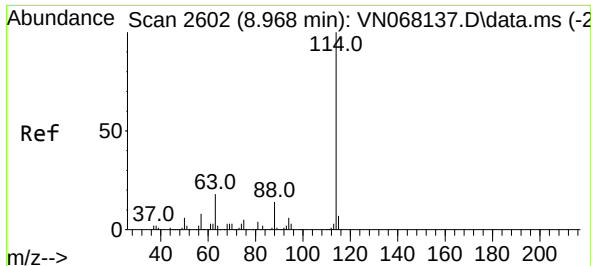
Tgt Ion: 56 Resp: 7872
Ion Ratio Lower Upper
56 100
69 166.4 27.3 40.9#
84 135.7 64.9 97.3#



#33
1,2-Dichloroethane-d4
Concen: 47.920 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068307.D
Acq: 25 Aug 2021 18:06

Tgt Ion: 65 Resp: 229489
Ion Ratio Lower Upper
65 100
67 51.1 0.0 98.6

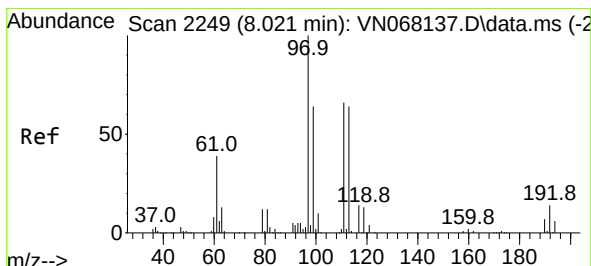
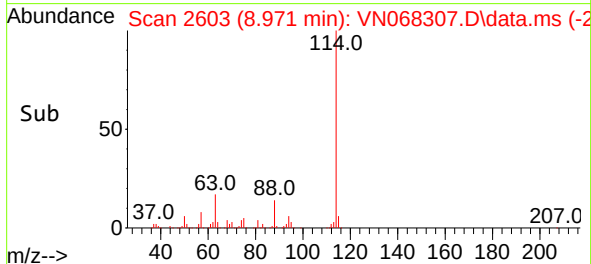
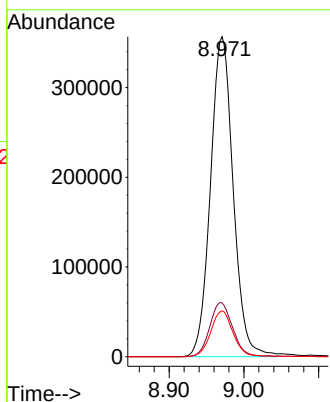
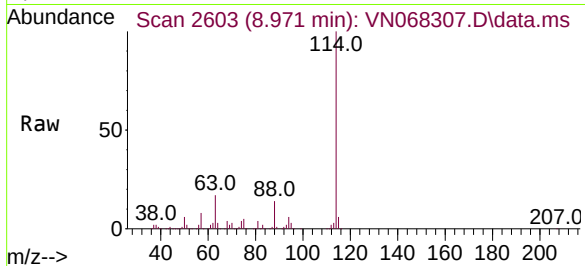




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068307.D
Acq: 25 Aug 2021 18:06

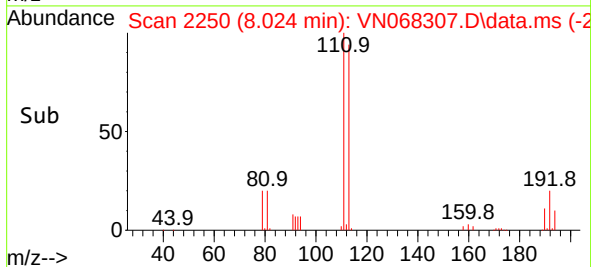
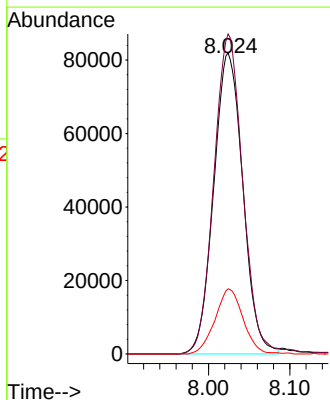
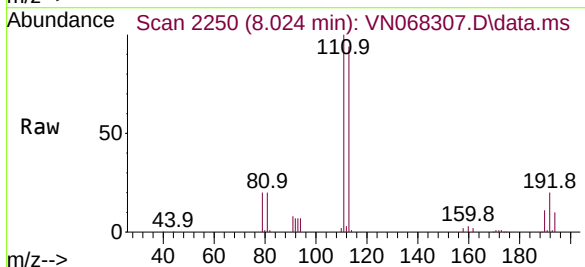
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-DUP-20210824

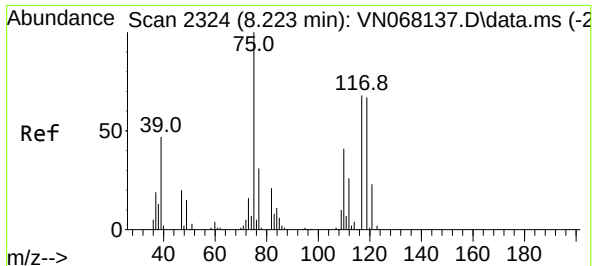
Tgt Ion:114 Resp: 753324
Ion Ratio Lower Upper
114 100
63 16.8 0.0 49.0
88 14.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.180 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068307.D
Acq: 25 Aug 2021 18:06

Tgt Ion:113 Resp: 204222
Ion Ratio Lower Upper
113 100
111 104.7 83.8 125.8
192 20.8 13.4 20.0#

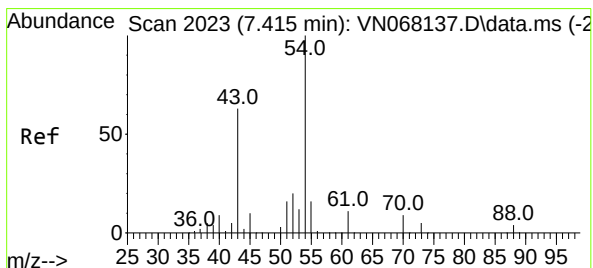
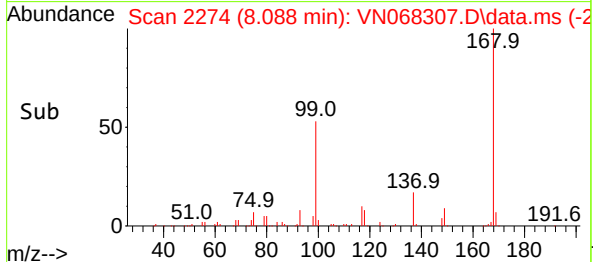
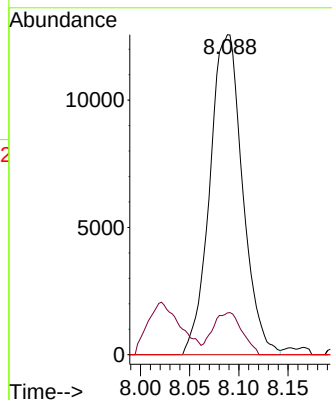
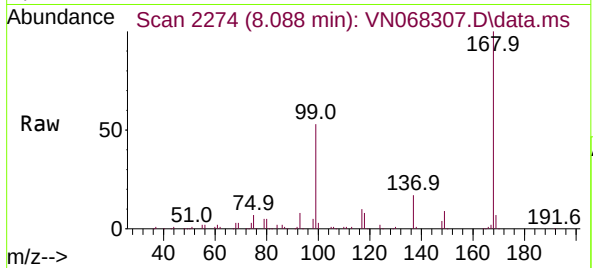




#36
1,1-Dichloropropene
Concen: 4.732 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.135 min
Lab File: VN068307.D
Acq: 25 Aug 2021 18:06

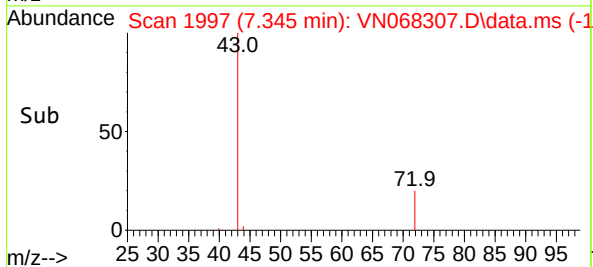
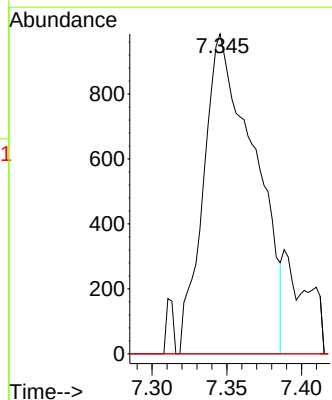
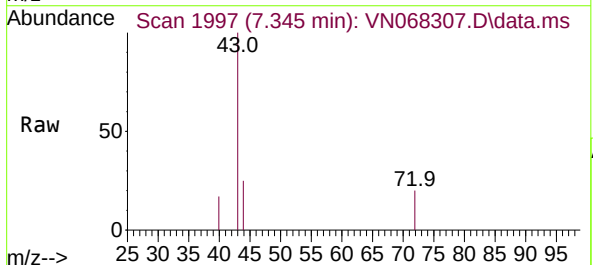
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-DUP-20210824

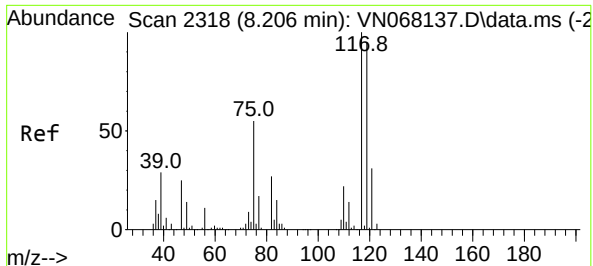
Tgt Ion: 75 Resp: 29140
Ion Ratio Lower Upper
75 100
110 11.9 15.7 47.0#
77 0.0 24.6 37.0#



#37
Ethyl Acetate
Concen: 0.446 ug/l
RT: 7.345 min Scan# 1997
Delta R.T. -0.070 min
Lab File: VN068307.D
Acq: 25 Aug 2021 18:06

Tgt Ion: 43 Resp: 2338
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.0 8.1 12.1#

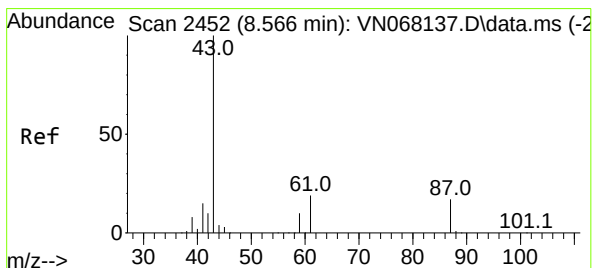
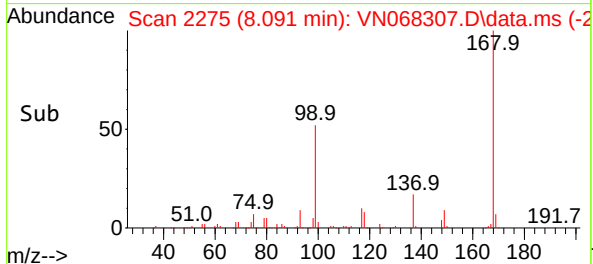
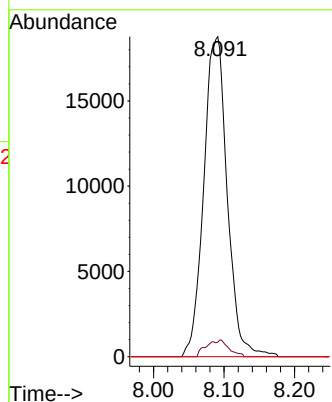
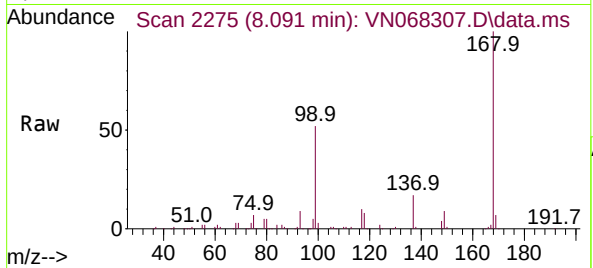




#38
Carbon Tetrachloride
Concen: 6.119 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.115 min
Lab File: VN068307.D
Acq: 25 Aug 2021 18:06

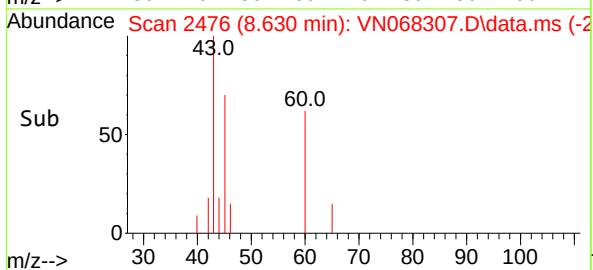
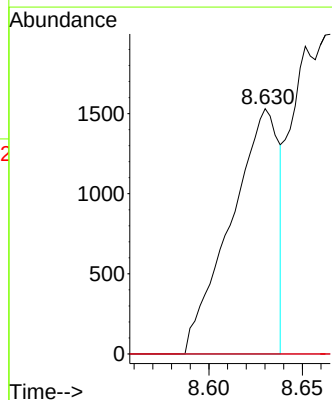
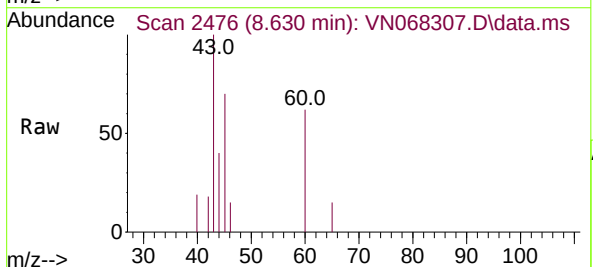
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-DUP-20210824

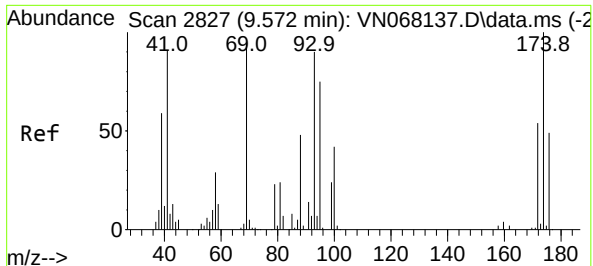
Tgt Ion:117 Resp: 43462
Ion Ratio Lower Upper
117 100
119 4.5 75.4 113.2#
121 0.0 23.5 35.3#



#43
Isopropyl Acetate
Concen: 0.326 ug/l
RT: 8.630 min Scan# 2476
Delta R.T. 0.064 min
Lab File: VN068307.D
Acq: 25 Aug 2021 18:06

Tgt Ion: 43 Resp: 2738
Ion Ratio Lower Upper
43 100
61 0.0 19.0 28.4#
87 0.0 9.5 14.3#

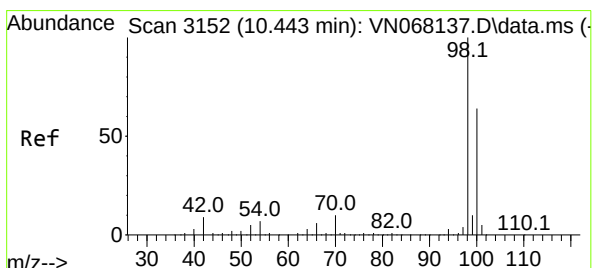
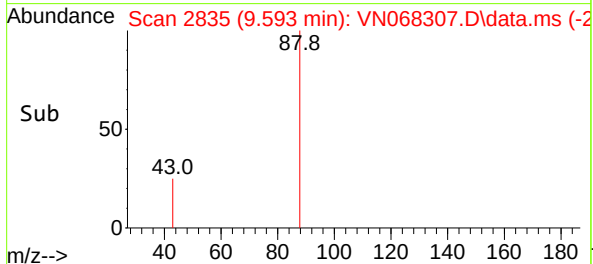
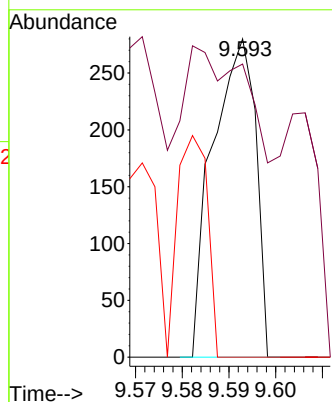
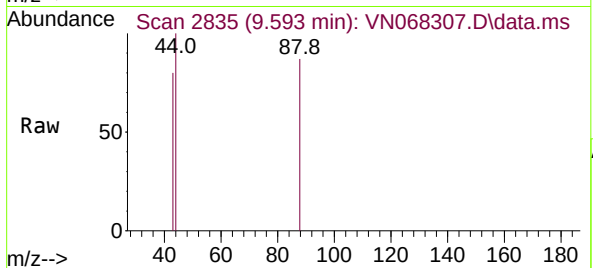




#49
1,4-Dioxane
Concen: 2.115 ug/l
RT: 9.593 min Scan# 2835
Delta R.T. 0.021 min
Lab File: VN068307.D
Acq: 25 Aug 2021 18:06

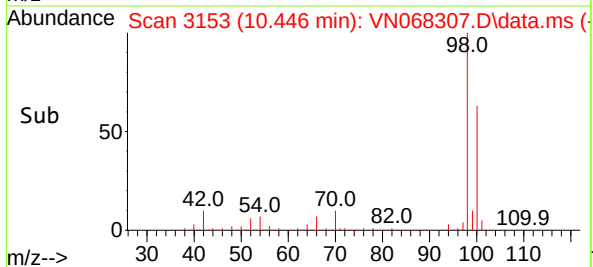
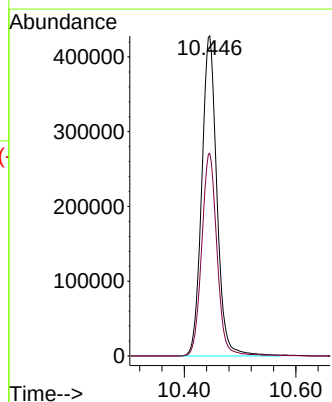
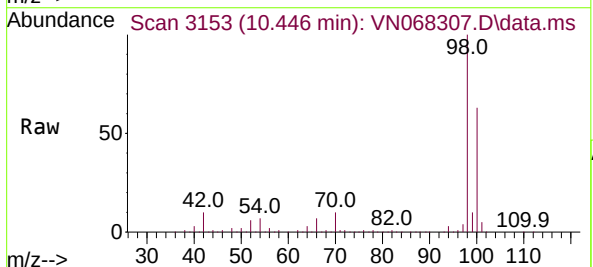
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-DUP-20210824

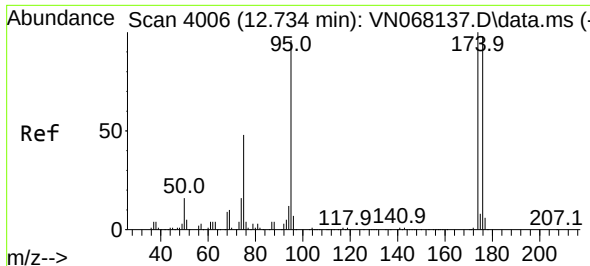
Tgt Ion: 88 Resp: 179
Ion Ratio Lower Upper
88 100
43 59.8 28.8 43.2#
58 48.6 60.4 90.6#



#50
Toluene-d8
Concen: 44.873 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068307.D
Acq: 25 Aug 2021 18:06

Tgt Ion: 98 Resp: 808679
Ion Ratio Lower Upper
98 100
100 63.7 51.7 77.5

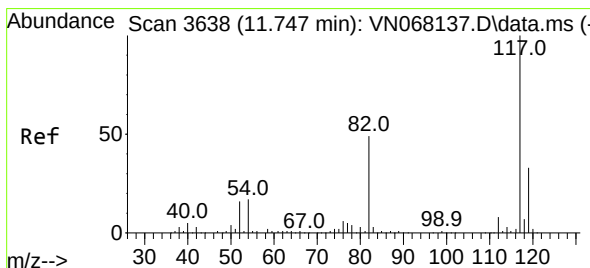
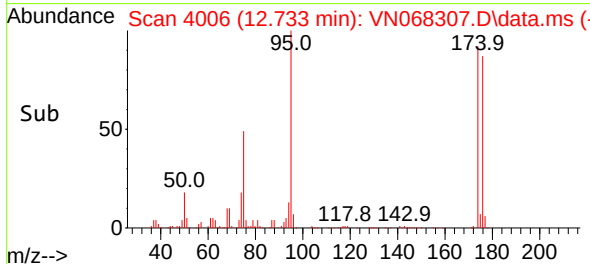
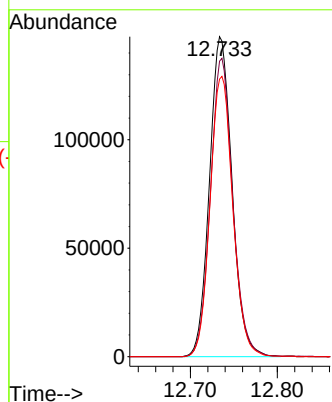
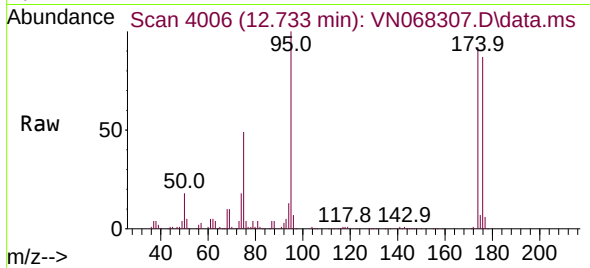




#62
4-Bromofluorobenzene
Concen: 44.439 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN068307.D
Acq: 25 Aug 2021 18:06

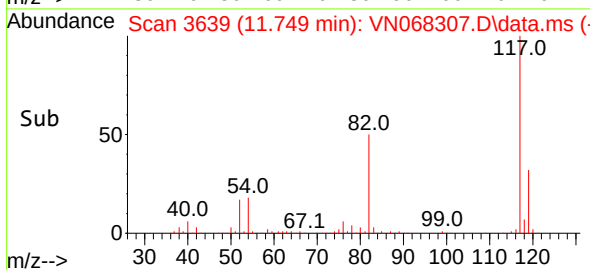
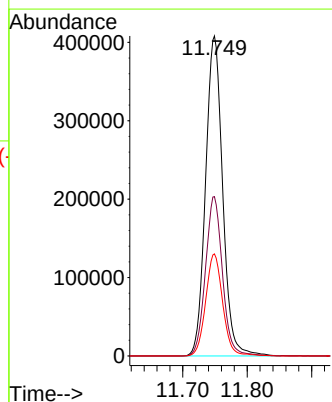
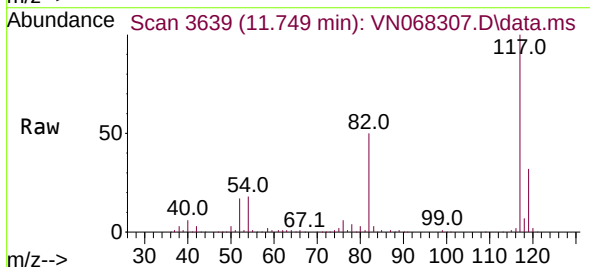
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-DUP-20210824

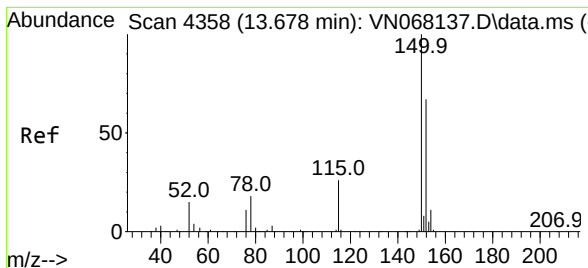
Tgt Ion: 95 Resp: 266596
Ion Ratio Lower Upper
95 100
174 92.3 0.0 122.0
176 88.2 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.002 min
Lab File: VN068307.D
Acq: 25 Aug 2021 18:06

Tgt Ion: 117 Resp: 753082
Ion Ratio Lower Upper
117 100
82 49.8 53.1 79.7#
119 31.9 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.680 min Scan# 4359

Delta R.T. 0.002 min

Lab File: VN068307.D

Acq: 25 Aug 2021 18:06

Tgt Ion:152 Resp: 281973

Ion Ratio Lower Upper

152 100

115 55.9 36.1 108.5

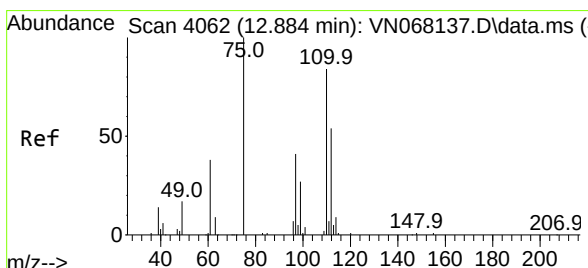
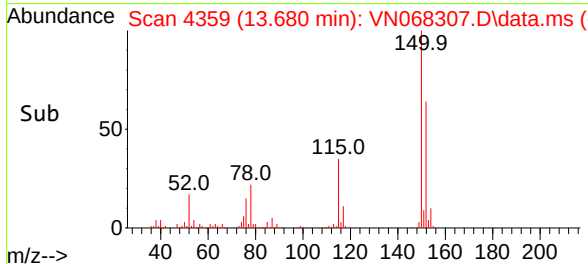
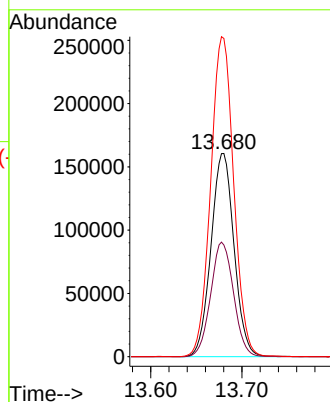
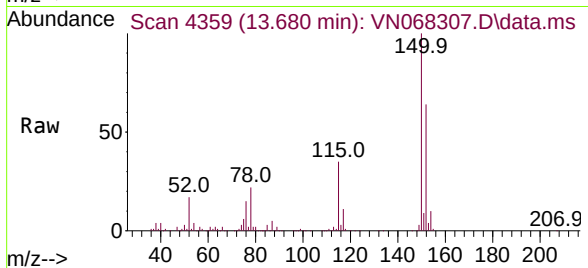
150 157.4 0.0 351.8

Instrument :

MSVOA_N

ClientSampleId :

BP-TT-VPB-RW7-DUP-20210824



#76

1,2,3-Trichloropropane

Concen: 28.328 ug/l

RT: 12.736 min Scan# 4007

Delta R.T. -0.148 min

Lab File: VN068307.D

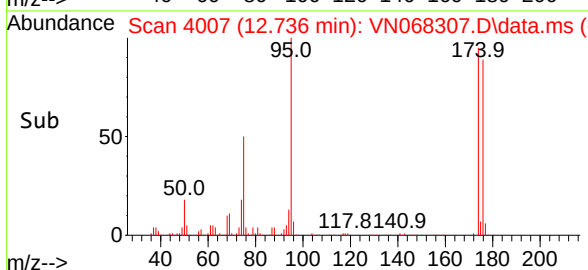
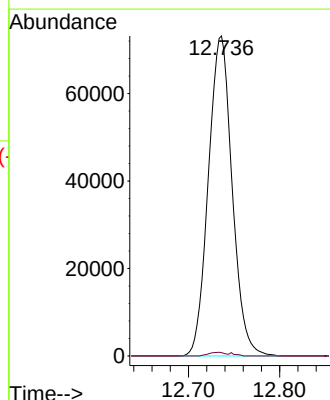
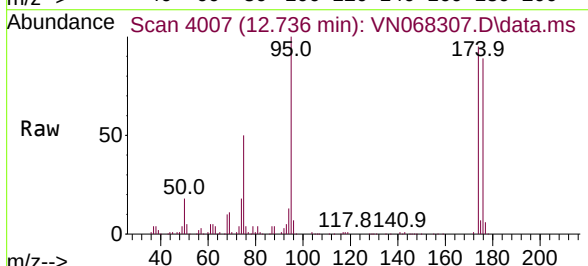
Acq: 25 Aug 2021 18:06

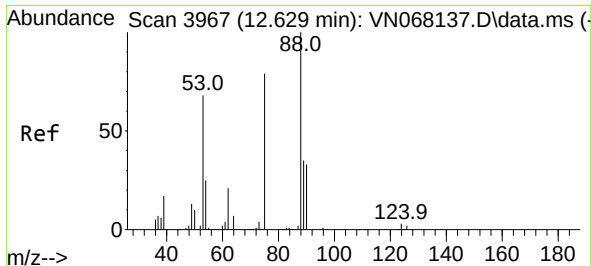
Tgt Ion: 75 Resp: 132765

Ion Ratio Lower Upper

75 100

77 0.8 0.0 0.0#

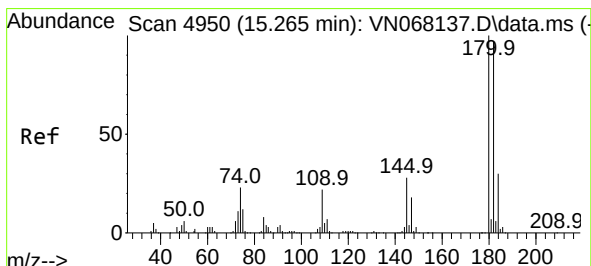
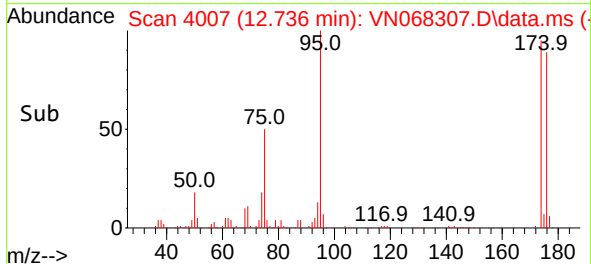
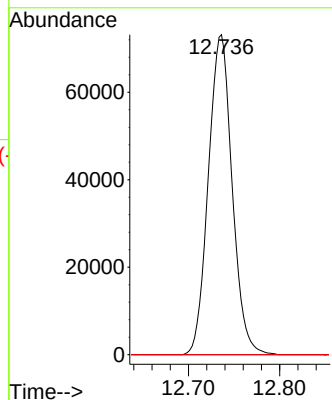
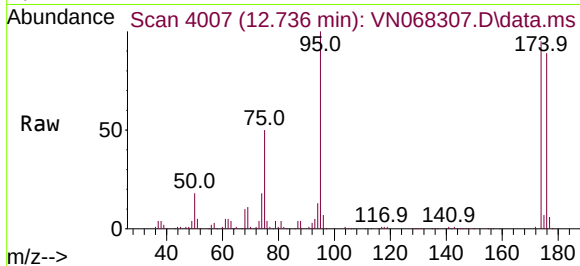




#81
trans-1,4-Dichloro-2-butene
Concen: 92.808 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.107 min
Lab File: VN068307.D
Acq: 25 Aug 2021 18:06

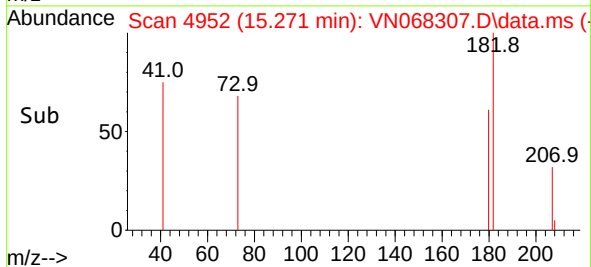
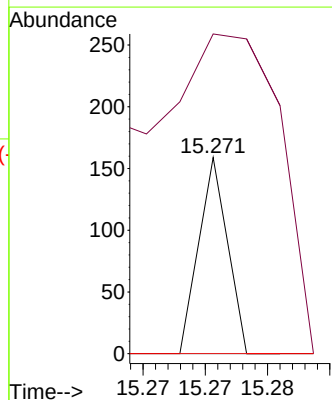
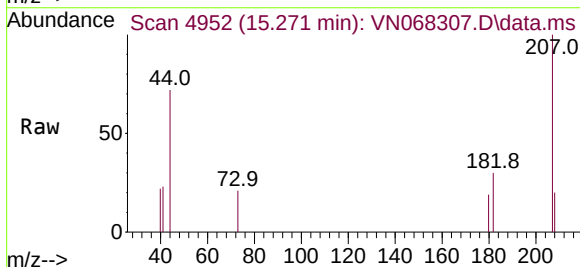
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-DUP-20210824

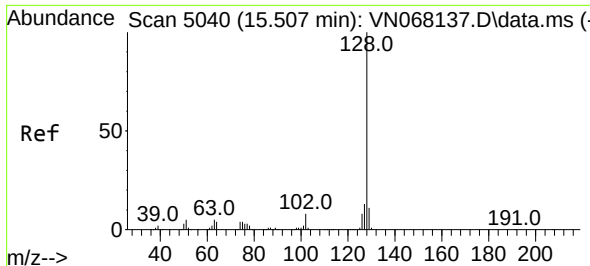
Tgt Ion: 75 Resp: 132765
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#



#93
1,2,4-Trichlorobenzene
Concen: 2.690 ug/l
RT: 15.271 min Scan# 4952
Delta R.T. 0.006 min
Lab File: VN068307.D
Acq: 25 Aug 2021 18:06

Tgt Ion:180 Resp: 26
Ion Ratio Lower Upper
180 100
182 569.2 47.5 142.5#
145 0.0 17.2 51.6#

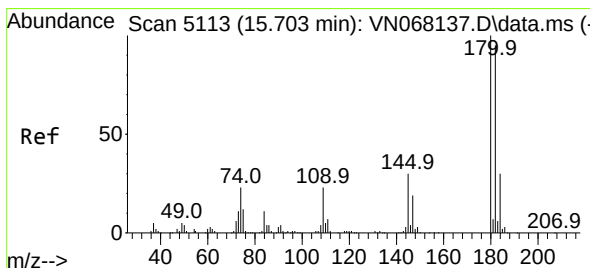
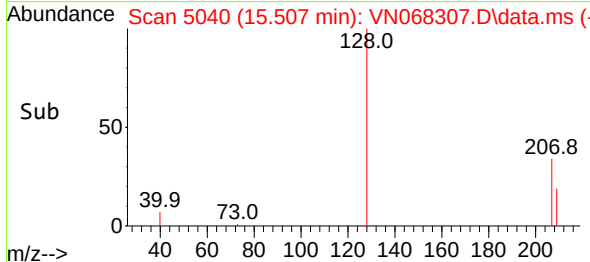
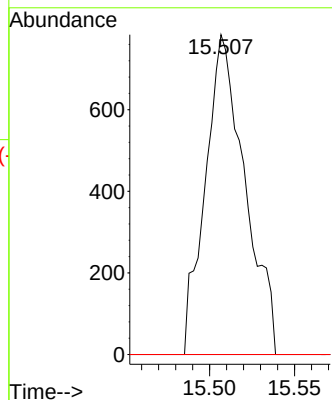
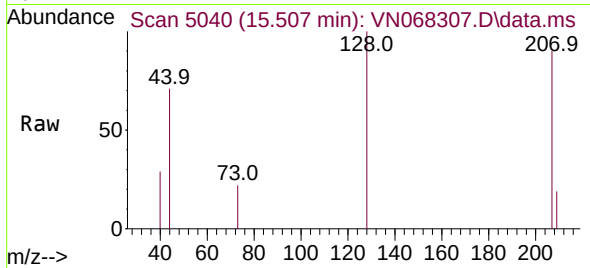




#95
Naphthalene
Concen: 3.451 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN068307.D
Acq: 25 Aug 2021 18:06

Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-DUP-20210824

Tgt Ion:128 Resp: 1270
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: 2.852 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.003 min
Lab File: VN068307.D
Acq: 25 Aug 2021 18:06

Tgt Ion:180 Resp: 98
Ion Ratio Lower Upper
180 100
182 0.0 47.8 143.3#
145 0.0 18.2 54.6#

