

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090221\
 Data File : VN068392.D
 Acq On : 2 Sep 2021 17:59
 Operator : JC/MD
 Sample : M3606-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK-1

Quant Time: Sep 03 01:25:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 02 14:59:33 2021
 Response via : Initial Calibration

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

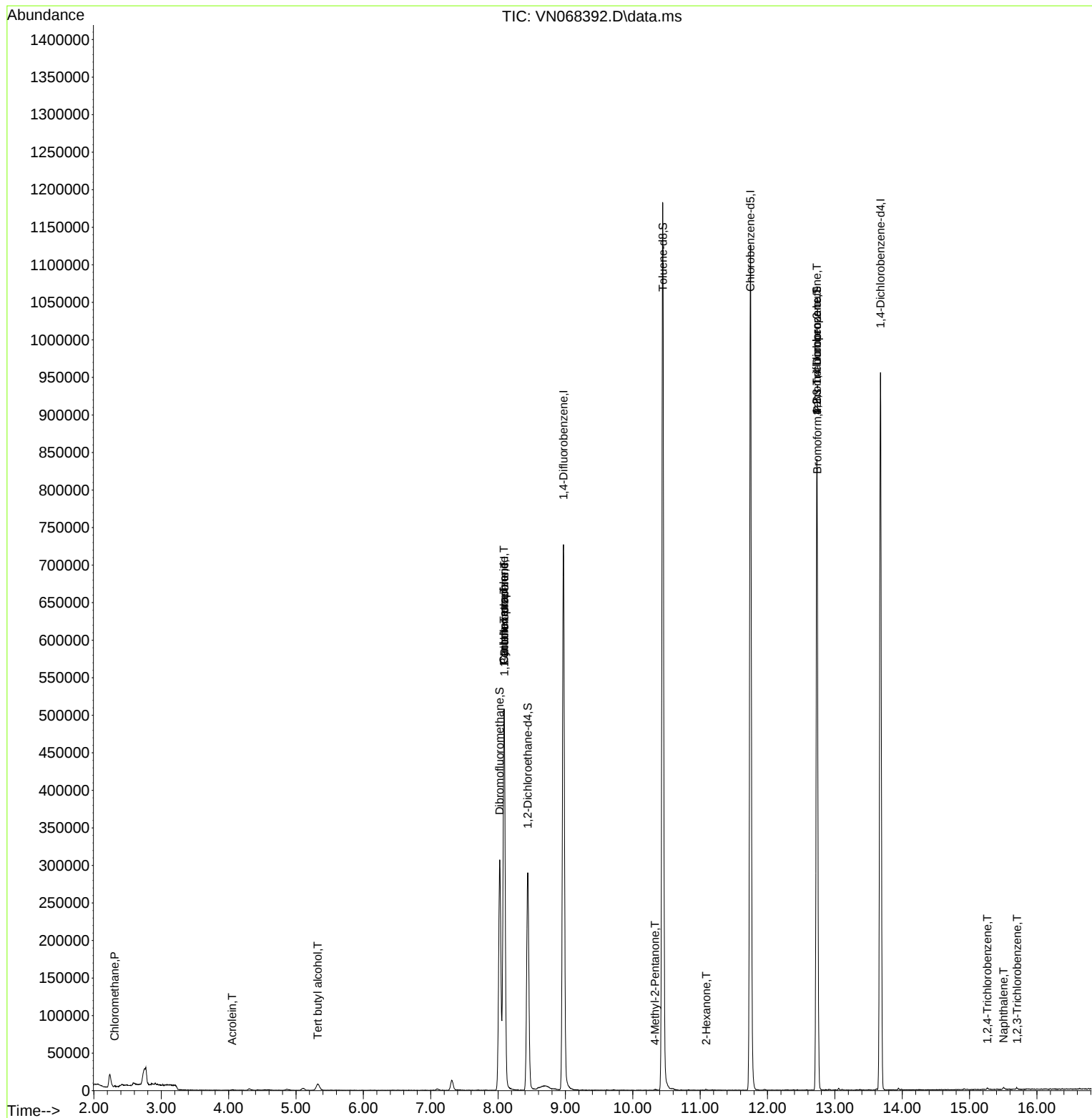
Internal Standards						
1) Pentafluorobenzene	8.091	168	417745	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	700247	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	698134	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	277680	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	245287	57.526	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 115.060%	
35) Dibromofluoromethane	8.024	113	223701	50.386	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.780%	
50) Toluene-d8	10.446	98	867293	52.184	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 104.360%	
62) 4-Bromofluorobenzene	12.733	95	285737	52.388	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 104.780%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.306	50	1244	0.341	ug/l	# 80
5) Bromomethane	2.861	94	2157	Below Cal		90
11) Tert butyl alcohol	5.321	59	3938	7.063	ug/l	# 71
13) Acrolein	4.052	56	350	0.967	ug/l	97
16) Acetone	4.312	43	2228	Below Cal	#	79
18) Methyl Acetate	4.870	43	3010	Below Cal	#	76
20) Methylene Chloride	5.093	84	2310	Below Cal	#	64
31) Cyclohexane	8.088	56	7444	1.325	ug/l	# 18
36) 1,1-Dichloropropene	8.094	75	29144	5.233	ug/l	# 54
38) Carbon Tetrachloride	8.088	117	40629	6.105	ug/l	# 16
51) 4-Methyl-2-Pentanone	10.330	43	1324	0.282	ug/l	# 39
59) 2-Hexanone	11.089	43	1278	0.391	ug/l	73
71) Bromoform	12.739	173	3277	2.539	ug/l	# 1
76) 1,2,3-Trichloropropane	12.733	75	146233	30.986	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.733	75	146233	102.379	ug/l	# 6
93) 1,2,4-Trichlorobenzene	15.265	180	1104	2.419	ug/l	# 46
95) Naphthalene	15.504	128	2829	2.579	ug/l	# 94
96) 1,2,3-Trichlorobenzene	15.705	180	979	2.194	ug/l	# 87

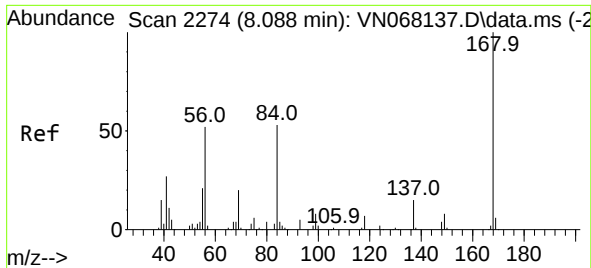
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083021W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 02 14:59:33 2021
Response via : Initial Calibration

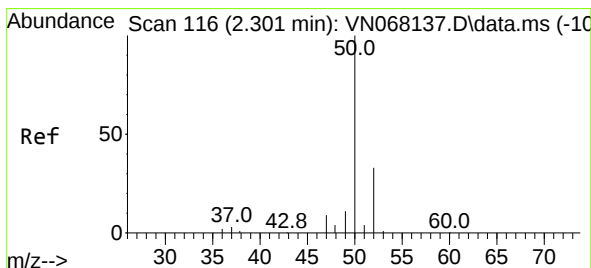
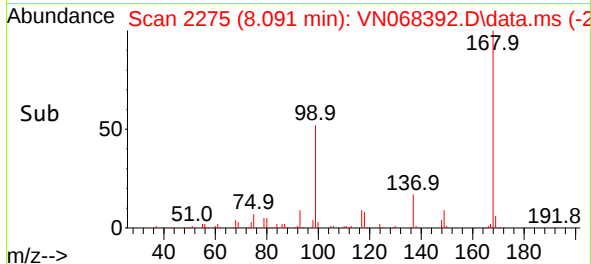
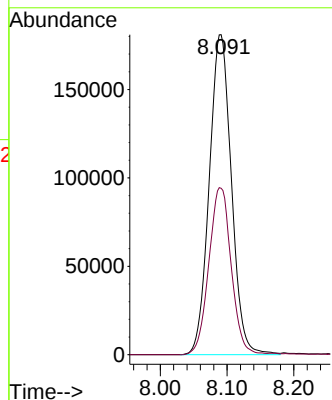
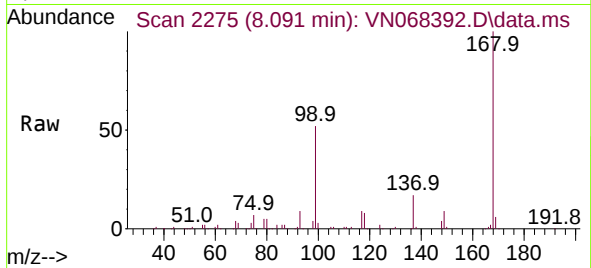




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. 0.003 min
Lab File: VN068392.D
Acq: 2 Sep 2021 17:59

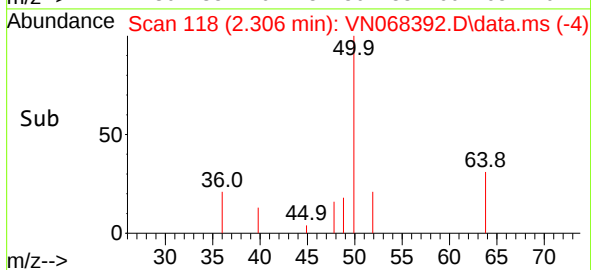
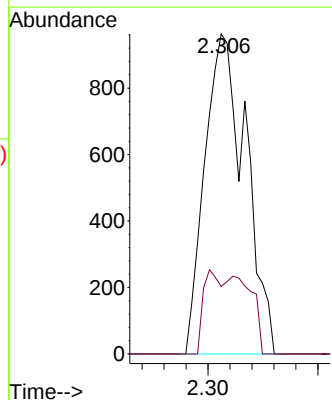
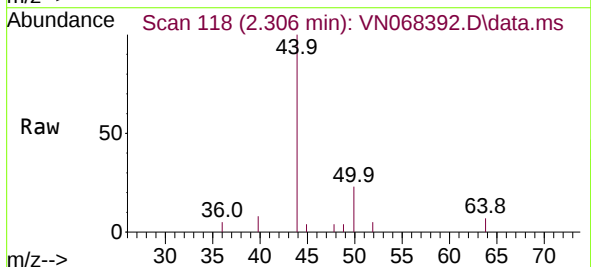
Instrument :
MSVOA_N
ClientSampled :
TRIP-BLANK-1

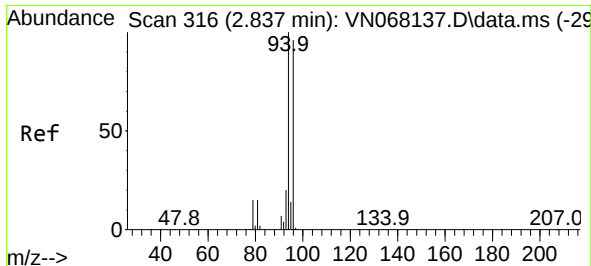
Tgt Ion:168 Resp: 417745
Ion Ratio Lower Upper
168 100
99 52.0 62.9 94.3#



#3
Chloromethane
Concen: 0.341 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.005 min
Lab File: VN068392.D
Acq: 2 Sep 2021 17:59

Tgt Ion: 50 Resp: 1244
Ion Ratio Lower Upper
50 100
52 21.1 25.6 38.4#

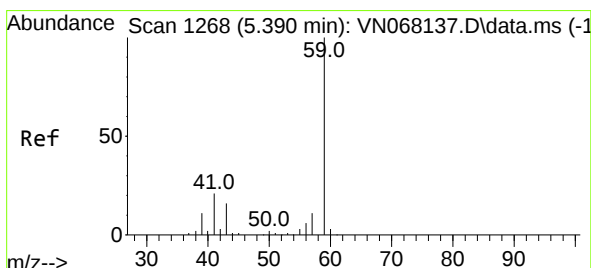
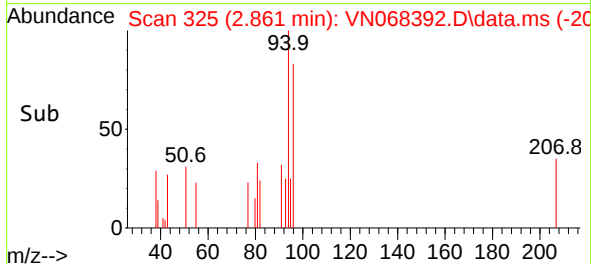
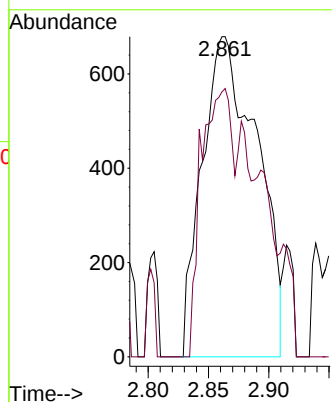
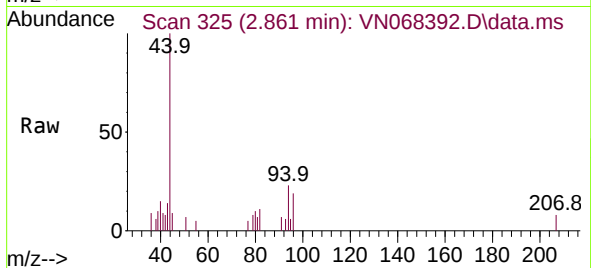




#5
Bromomethane
Concen: Below Cal
RT: 2.861 min Scan# 325
Delta R.T. 0.021 min
Lab File: VN068392.D
Acq: 2 Sep 2021 17:59

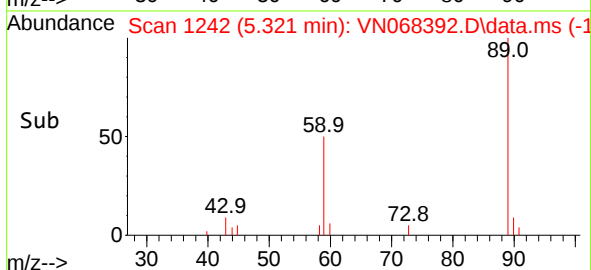
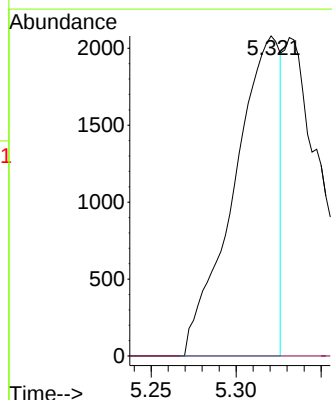
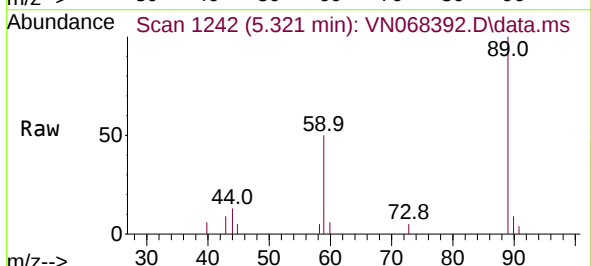
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK-1

Tgt Ion: 94 Resp: 2157
Ion Ratio Lower Upper
94 100
96 82.8 73.7 110.5



#11
Tert butyl alcohol
Concen: 7.063 ug/l
RT: 5.321 min Scan# 1242
Delta R.T. -0.072 min
Lab File: VN068392.D
Acq: 2 Sep 2021 17:59

Tgt Ion: 59 Resp: 3938
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

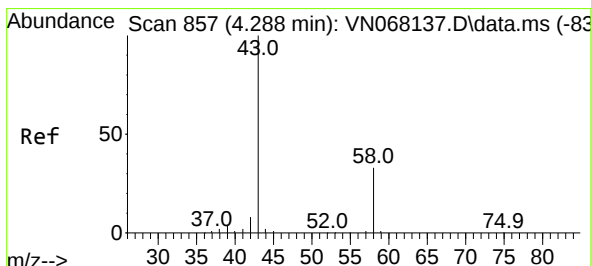
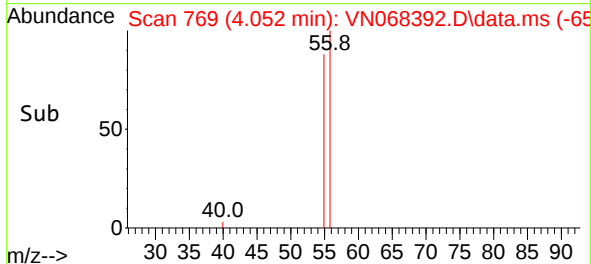
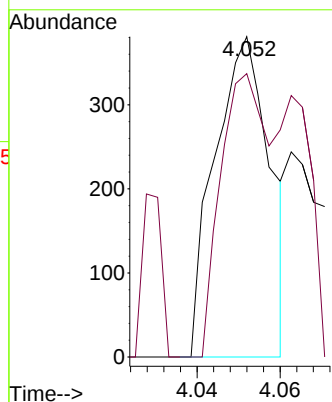
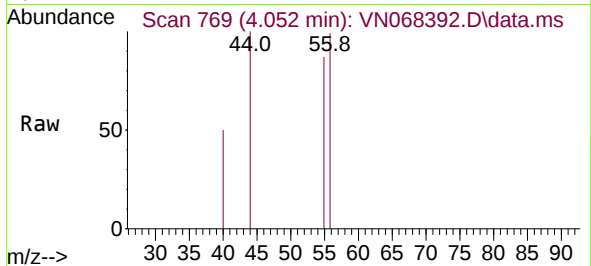




#13
Acrolein
Concen: 0.967 ug/l
RT: 4.052 min Scan# 769
Delta R.T. 0.013 min
Lab File: VN068392.D
Acq: 2 Sep 2021 17:59

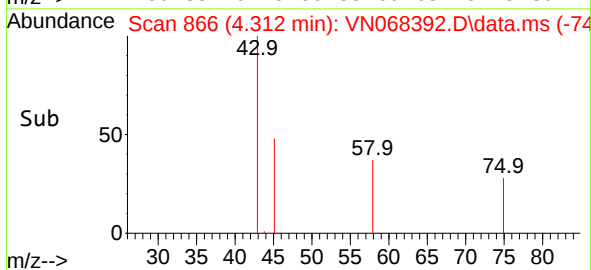
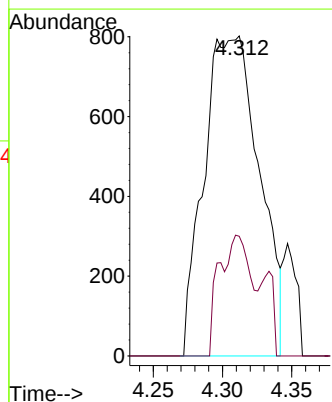
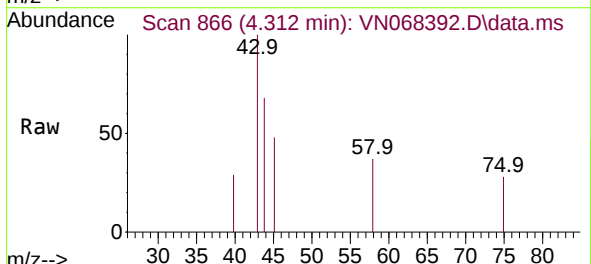
Instrument :
MSVOA_N
ClientSampled :
TRIP-BLANK-1

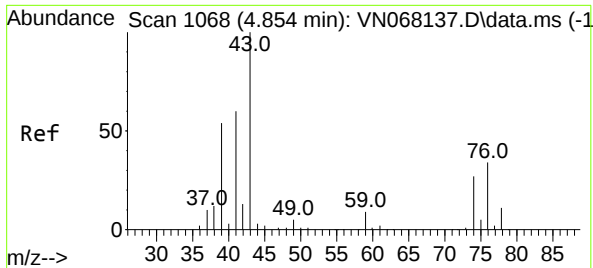
Tgt Ion: 56 Resp: 350
Ion Ratio Lower Upper
56 100
55 74.0 57.4 86.0



#16
Acetone
Concen: Below Cal
RT: 4.312 min Scan# 866
Delta R.T. 0.021 min
Lab File: VN068392.D
Acq: 2 Sep 2021 17:59

Tgt Ion: 43 Resp: 2228
Ion Ratio Lower Upper
43 100
58 37.4 21.2 31.8#

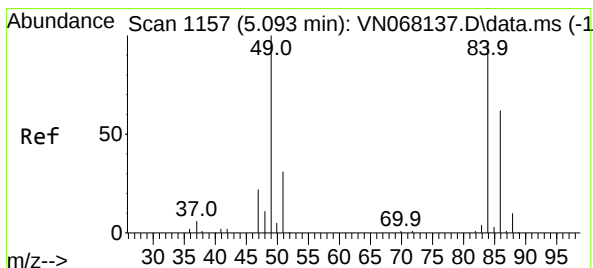
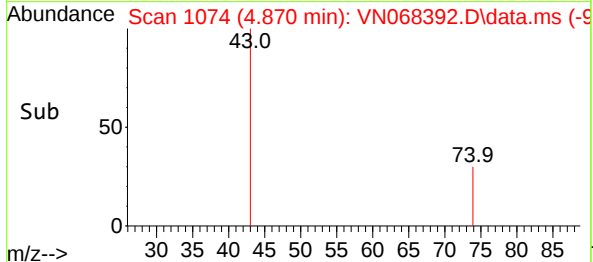
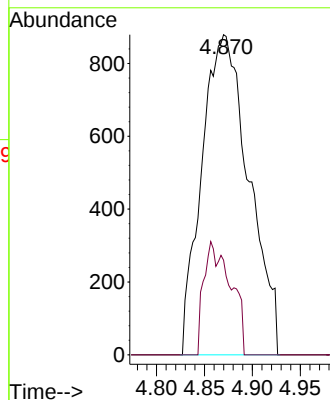
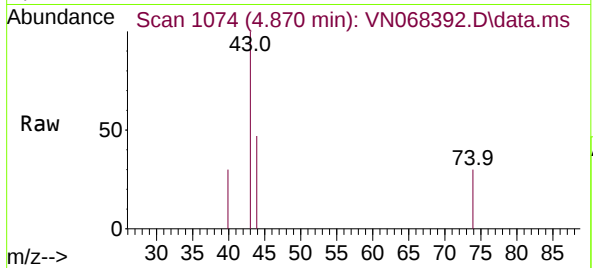




#18
Methyl Acetate
Concen: Below Cal
RT: 4.870 min Scan# 1074
Delta R.T. 0.013 min
Lab File: VN068392.D
Acq: 2 Sep 2021 17:59

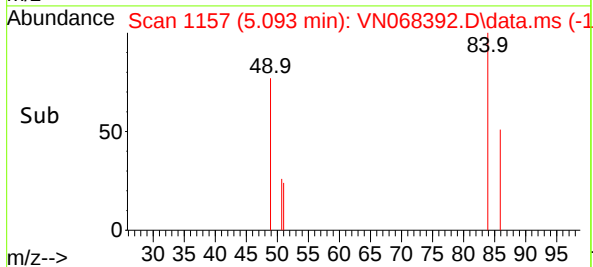
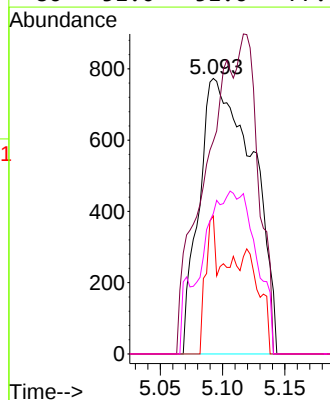
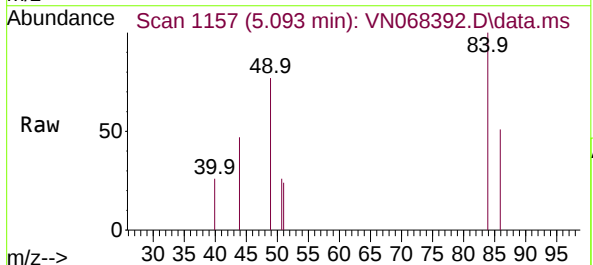
Instrument :
MSVOA_N
ClientSampleId :
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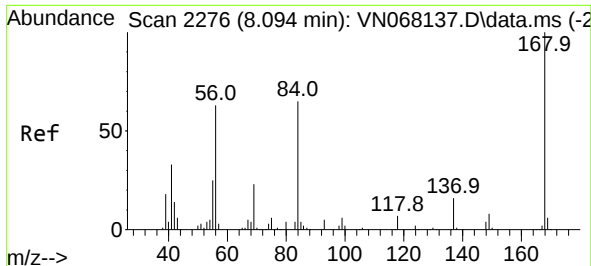
Tgt Ion: 43 Resp: 3010
Ion Ratio Lower Upper
43 100
74 10.5 17.4 26.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.093 min Scan# 1157
Delta R.T. -0.000 min
Lab File: VN068392.D
Acq: 2 Sep 2021 17:59

Tgt Ion: 84 Resp: 2310
Ion Ratio Lower Upper
84 100
49 77.2 110.9 166.3#
51 50.1 32.6 49.0#
86 51.0 51.6 77.4#

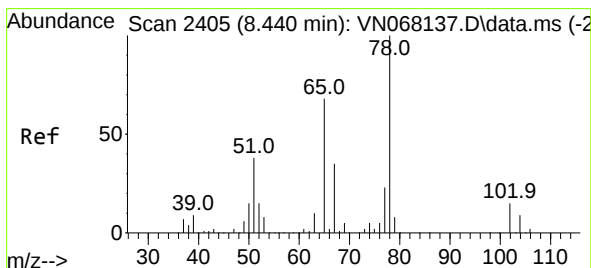
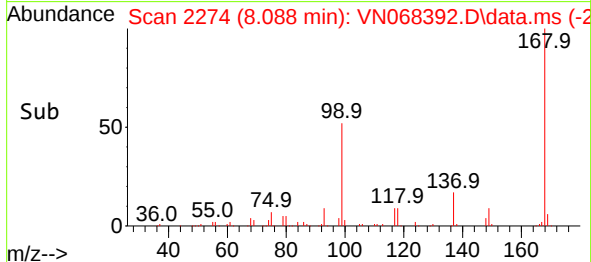
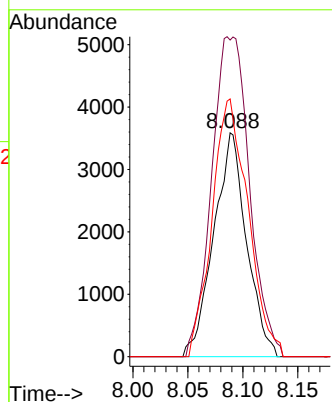
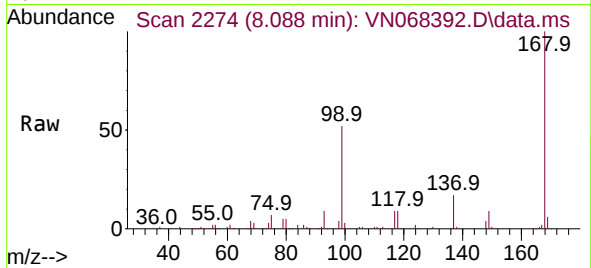




#31
Cyclohexane
Concen: 1.325 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.006 min
Lab File: VN068392.D
Acq: 2 Sep 2021 17:59

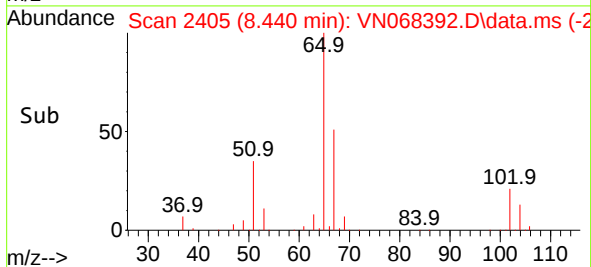
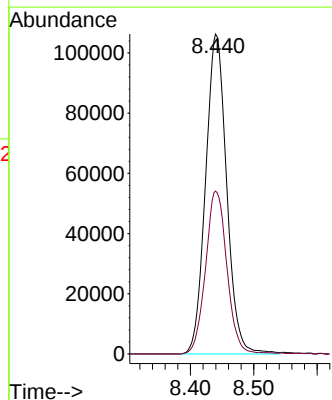
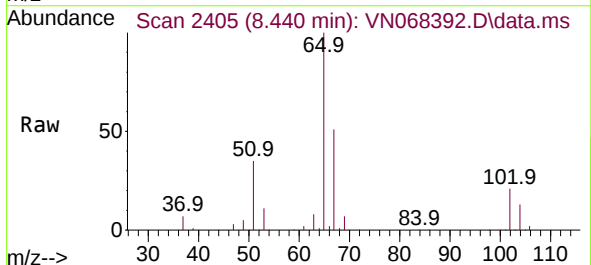
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MSVOA_N
ClientSampled :
TRIP-BLANK-1

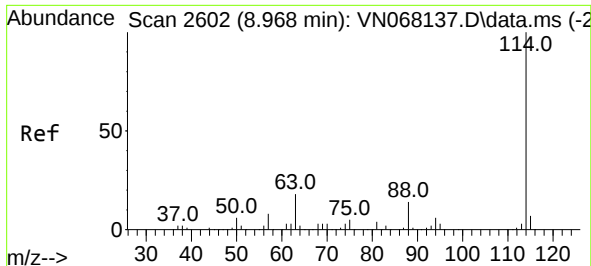
Tgt Ion: 56 Resp: 7444
Ion Ratio Lower Upper
56 100
69 141.5 27.3 40.9#
84 115.1 64.9 97.3#



#33
1,2-Dichloroethane-d4
Concen: 57.526 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068392.D
Acq: 2 Sep 2021 17:59

Tgt Ion: 65 Resp: 245287
Ion Ratio Lower Upper
65 100
67 51.7 0.0 98.6

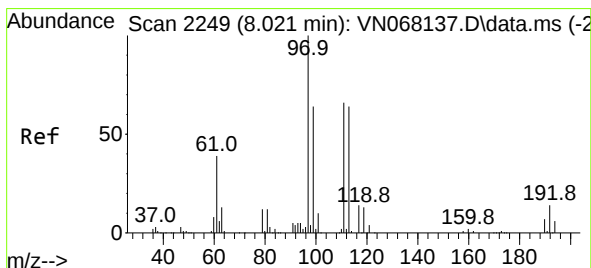
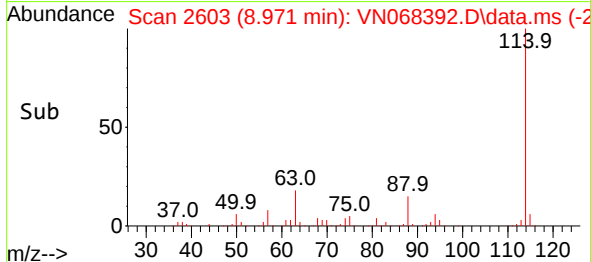
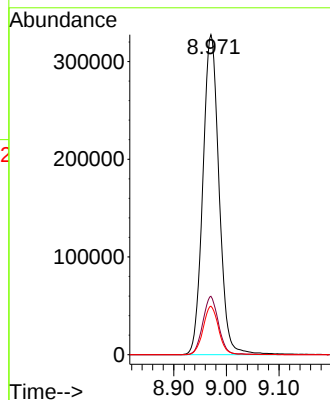
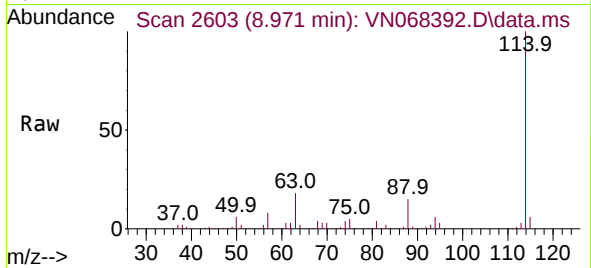




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068392.D
Acq: 2 Sep 2021 17:59

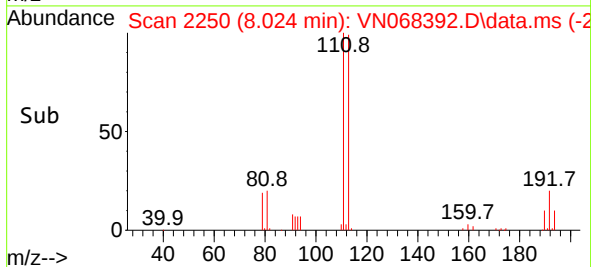
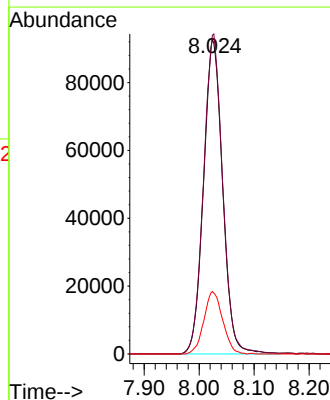
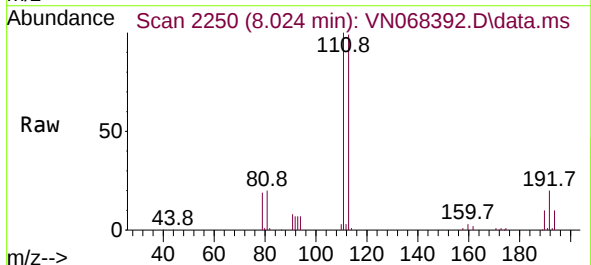
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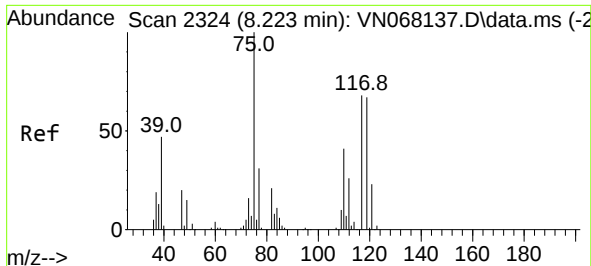
Tgt Ion:114 Resp: 700247
Ion Ratio Lower Upper
114 100
63 18.3 0.0 49.0
88 15.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 50.386 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068392.D
Acq: 2 Sep 2021 17:59

Tgt Ion:113 Resp: 223701
Ion Ratio Lower Upper
113 100
111 101.8 83.8 125.8
192 19.5 13.4 20.0

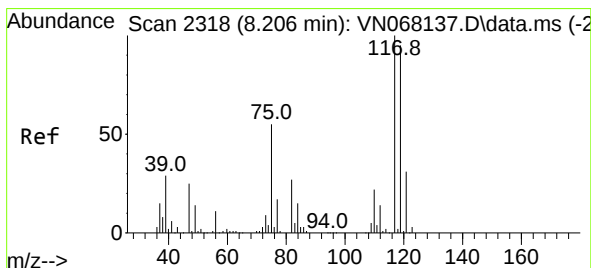
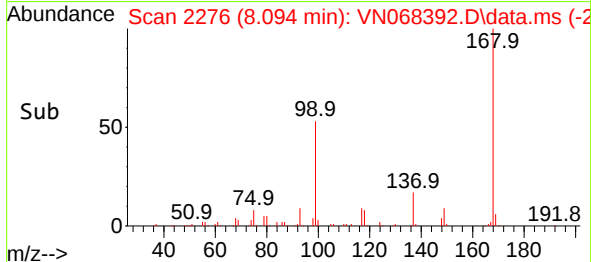
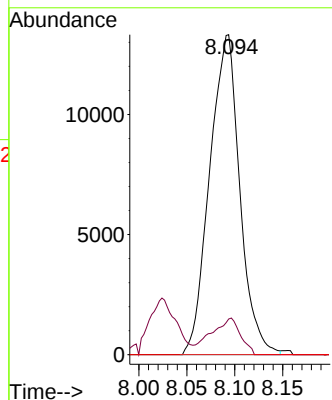
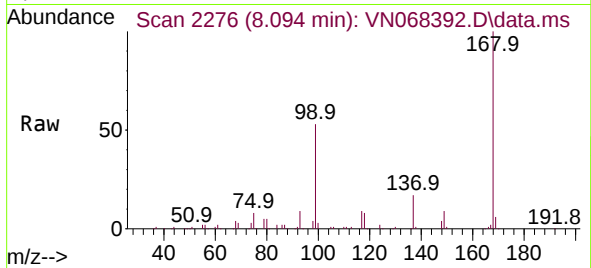




#36
 1,1-Dichloropropene
 Concen: 5.233 ug/l
 RT: 8.094 min Scan# 2276
 Delta R.T. -0.128 min
 Lab File: VN068392.D
 Acq: 2 Sep 2021 17:59

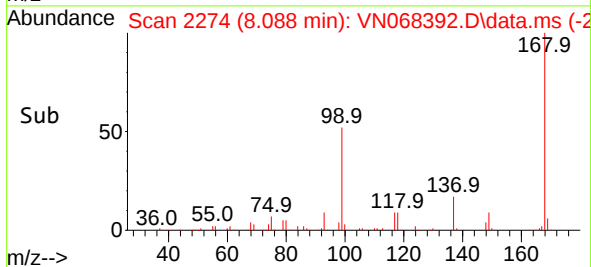
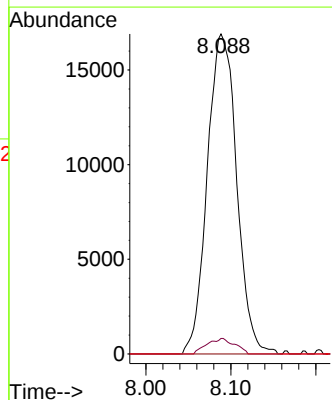
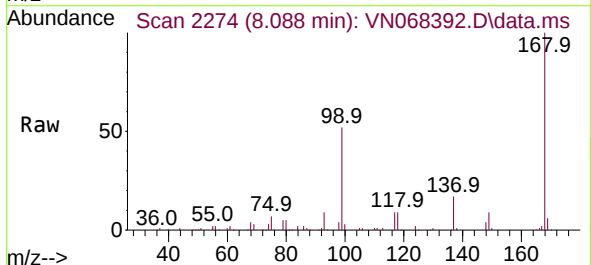
Instrument :
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 ClientSampled :
 TRIP-BLANK-1

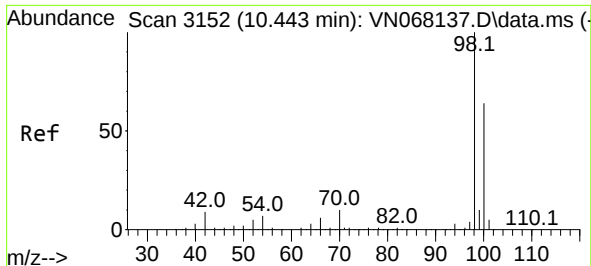
Tgt Ion: 75 Resp: 29144
 Ion Ratio Lower Upper
 75 100
 110 11.0 15.7 47.0#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 6.105 ug/l
 RT: 8.088 min Scan# 2274
 Delta R.T. -0.118 min
 Lab File: VN068392.D
 Acq: 2 Sep 2021 17:59

Tgt Ion: 117 Resp: 40629
 Ion Ratio Lower Upper
 117 100
 119 4.8 75.4 113.2#
 121 0.0 23.5 35.3#

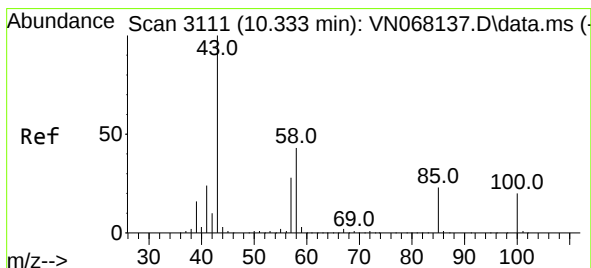
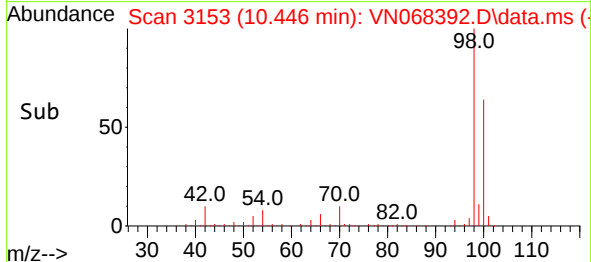
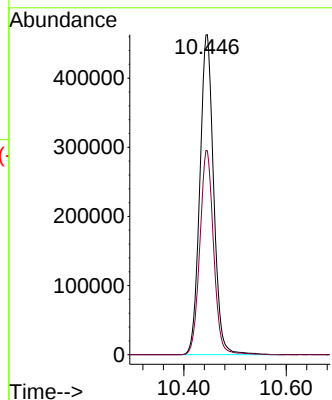
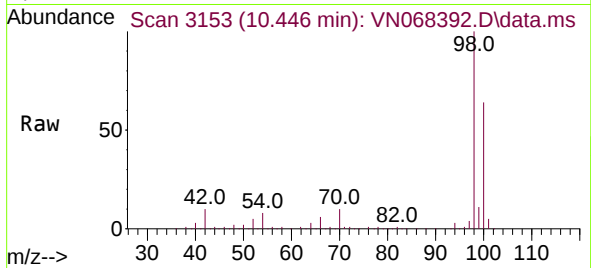




#50
Toluene-d8
Concen: 52.184 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068392.D
Acq: 2 Sep 2021 17:59

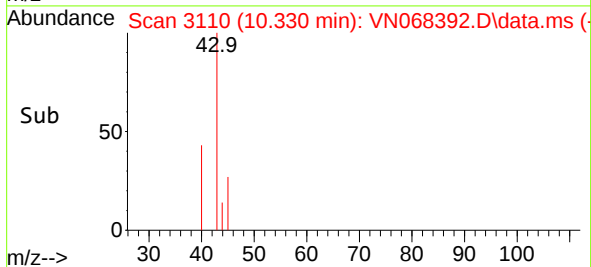
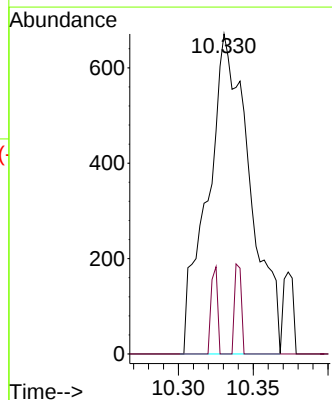
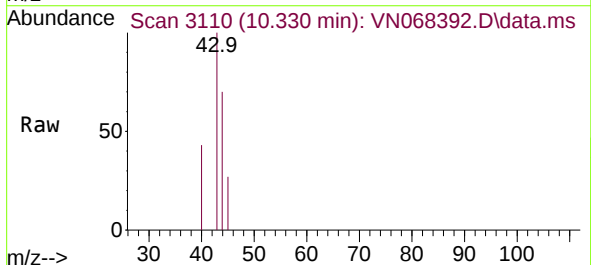
Instrument :
MSVOA_N
ClientSampled :
TRIP-BLANK-1

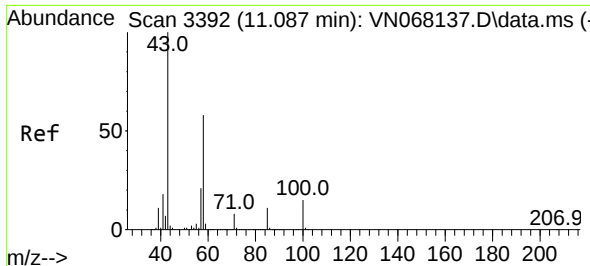
Tgt Ion: 98 Resp: 867293
Ion Ratio Lower Upper
98 100
100 63.6 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 0.282 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. -0.003 min
Lab File: VN068392.D
Acq: 2 Sep 2021 17:59

Tgt Ion: 43 Resp: 1324
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#

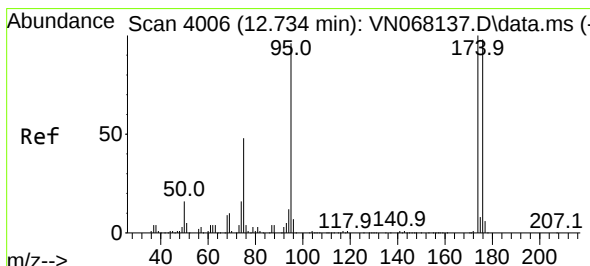
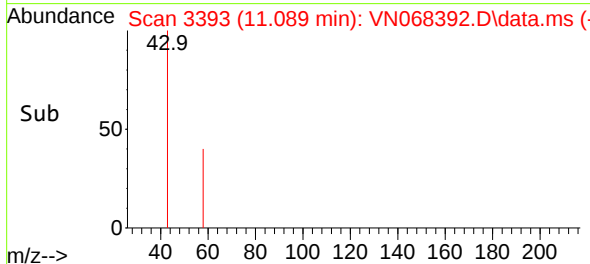
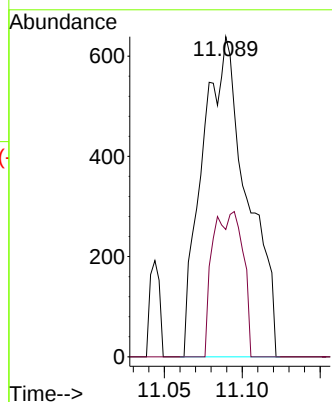
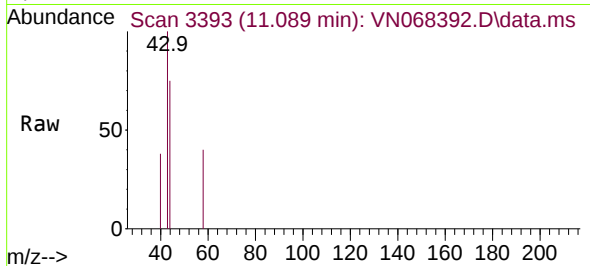




#59
2-Hexanone
Concen: 0.391 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.002 min
Lab File: VN068392.D
Acq: 2 Sep 2021 17:59

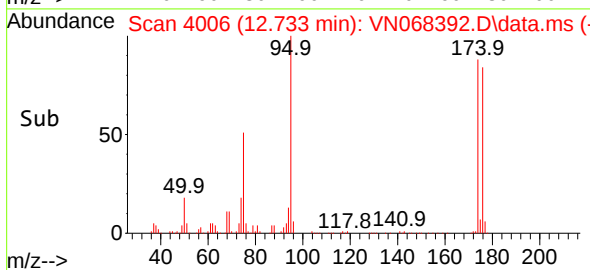
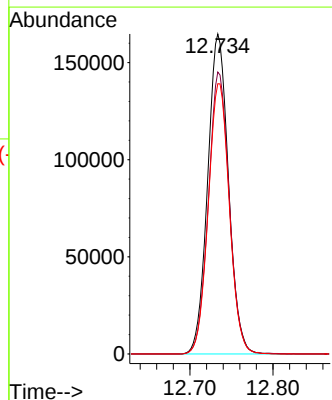
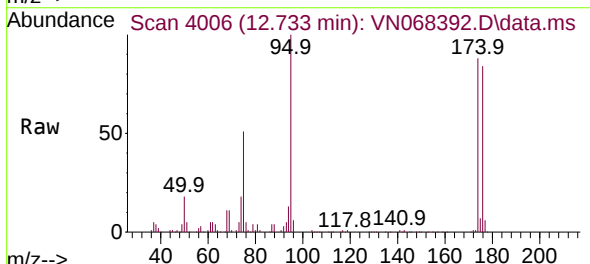
Instrument :
MSVOA_N
ClientSampled :
TRIP-BLANK-1

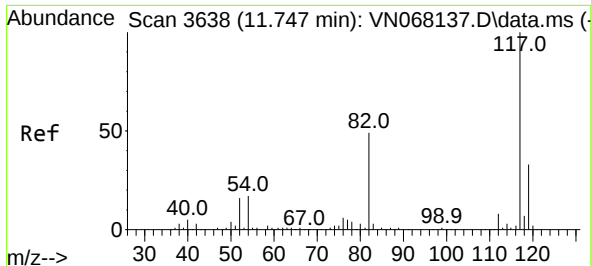
Tgt Ion: 43 Resp: 1278
Ion Ratio Lower Upper
43 100
58 30.6 24.7 74.1



#62
4-Bromofluorobenzene
Concen: 52.388 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068392.D
Acq: 2 Sep 2021 17:59

Tgt Ion: 95 Resp: 285737
Ion Ratio Lower Upper
95 100
174 88.7 0.0 122.0
176 85.8 0.0 117.6

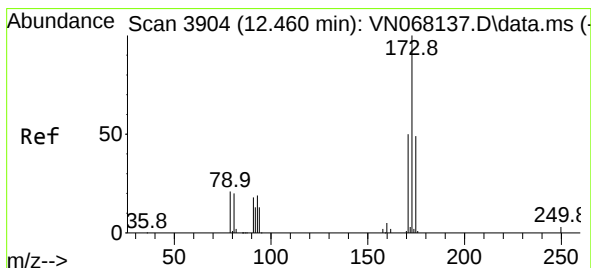
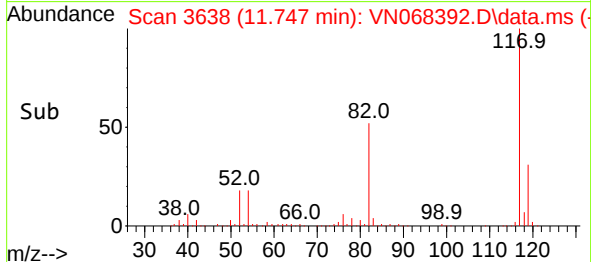
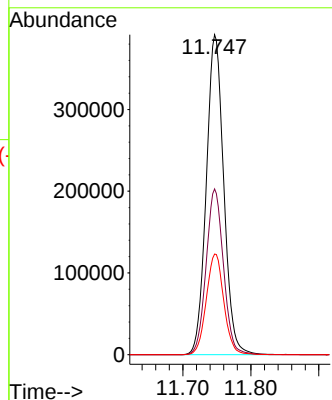
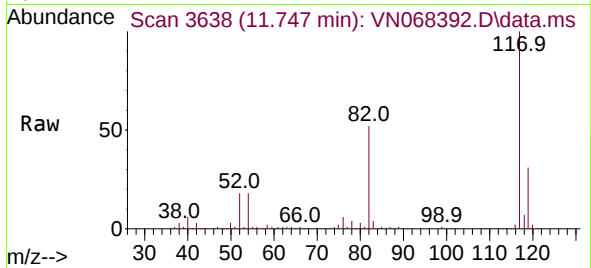




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068392.D
Acq: 2 Sep 2021 17:59

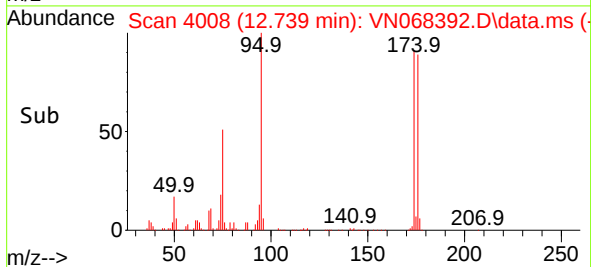
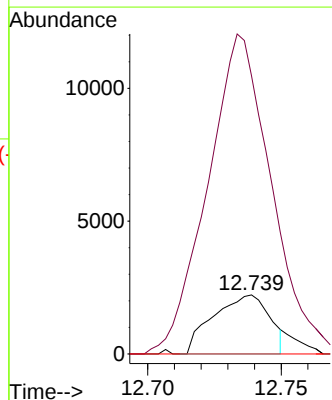
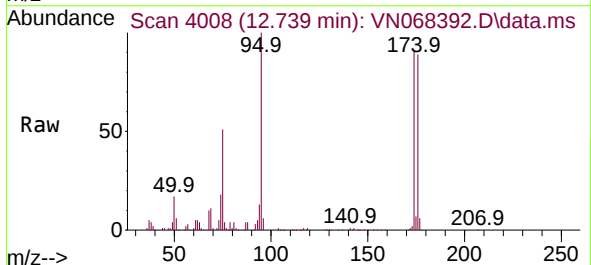
Instrument :
MSVOA_N
ClientSampled :
TRIP-BLANK-1

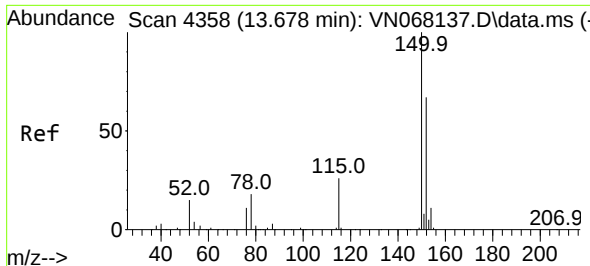
Tgt Ion:117 Resp: 698134
Ion Ratio Lower Upper
117 100
82 51.8 53.1 79.7#
119 31.5 25.5 38.3



#71
Bromoform
Concen: 2.539 ug/l
RT: 12.739 min Scan# 4008
Delta R.T. 0.279 min
Lab File: VN068392.D
Acq: 2 Sep 2021 17:59

Tgt Ion:173 Resp: 3277
Ion Ratio Lower Upper
173 100
175 556.3 23.9 71.8#
254 0.0 0.0 0.0

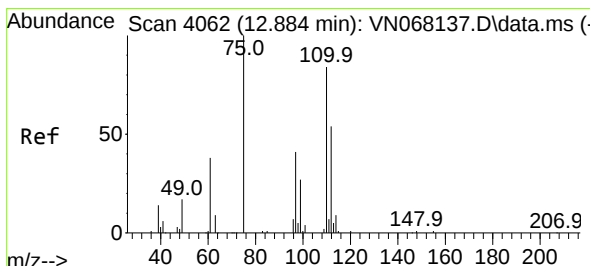
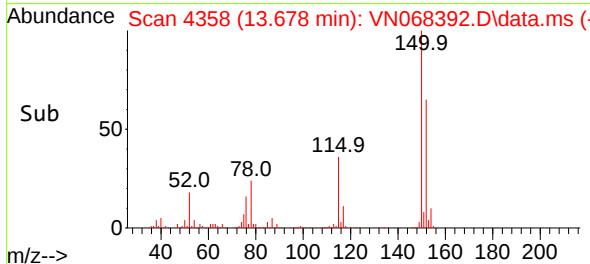
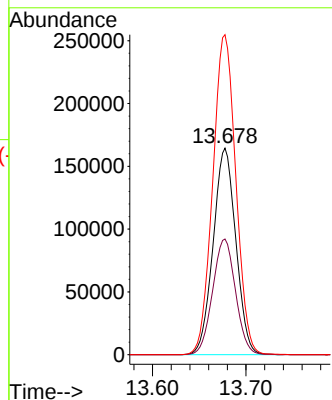
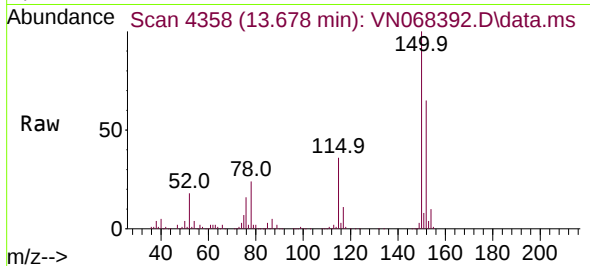




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068392.D
Acq: 2 Sep 2021 17:59

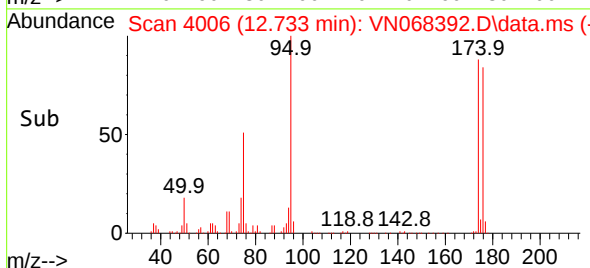
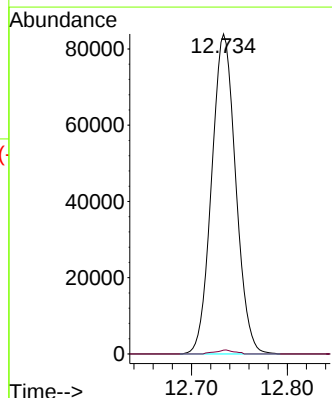
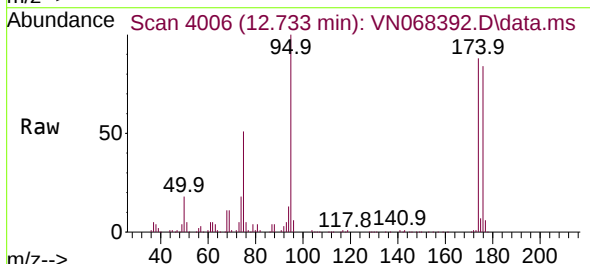
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK-1

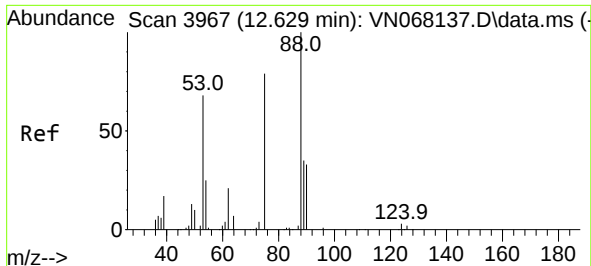
Tgt Ion:152 Resp: 277680
Ion Ratio Lower Upper
152 100
115 56.5 36.1 108.5
150 157.6 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 30.986 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.148 min
Lab File: VN068392.D
Acq: 2 Sep 2021 17:59

Tgt Ion: 75 Resp: 146233
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#

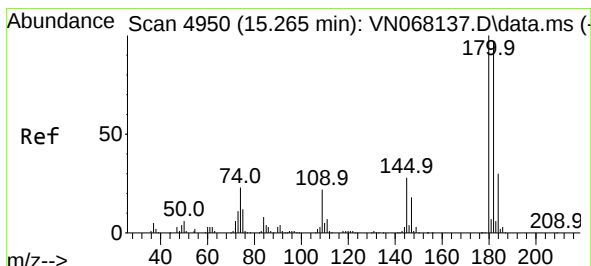
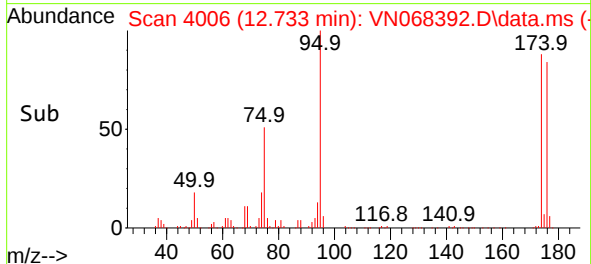
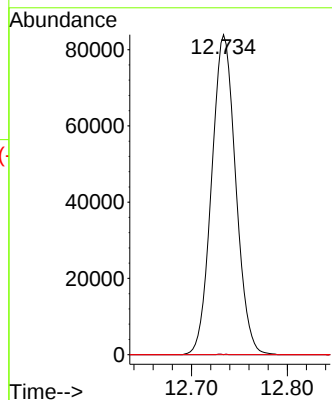
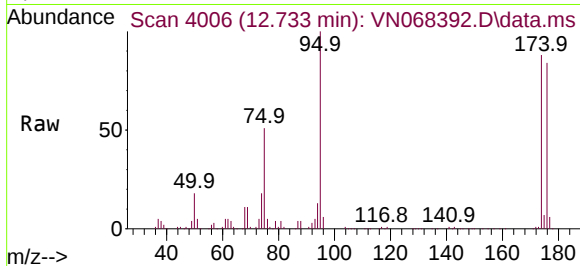




#81
trans-1,4-Dichloro-2-butene
Concen: 102.379 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN068392.D
Acq: 2 Sep 2021 17:59

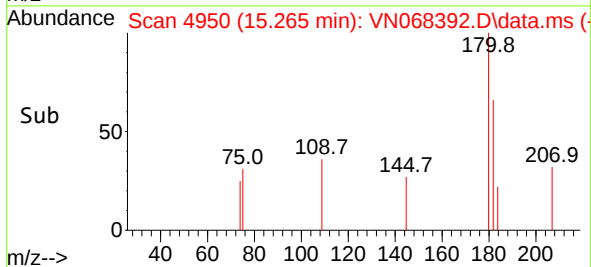
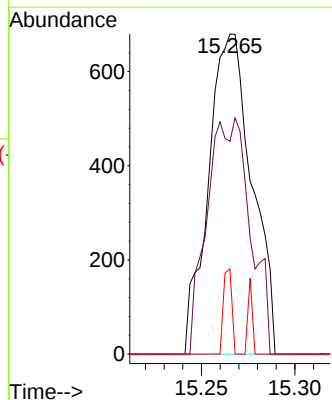
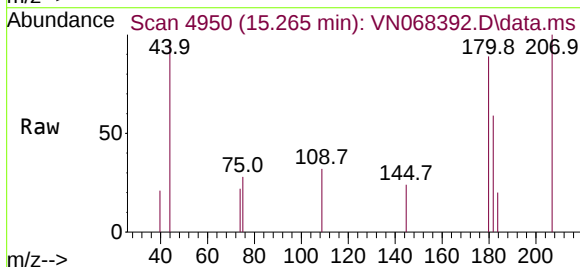
Instrument :
MSVOA_N
ClientSampled :
TRIP-BLANK-1

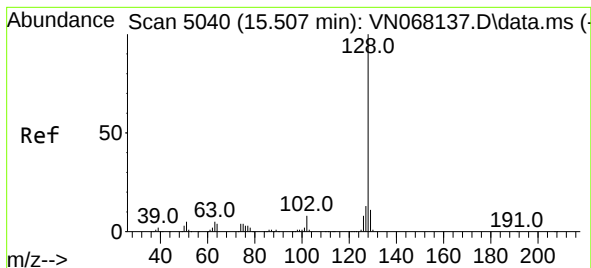
Tgt Ion: 75 Resp: 146233
Ion Ratio Lower Upper
75 100
53 0.1 87.6 131.4#
89 0.0 37.8 56.8#



#93
1,2,4-Trichlorobenzene
Concen: 2.419 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN068392.D
Acq: 2 Sep 2021 17:59

Tgt Ion:180 Resp: 1104
Ion Ratio Lower Upper
180 100
182 41.4 47.5 142.5#
145 5.2 17.2 51.6#

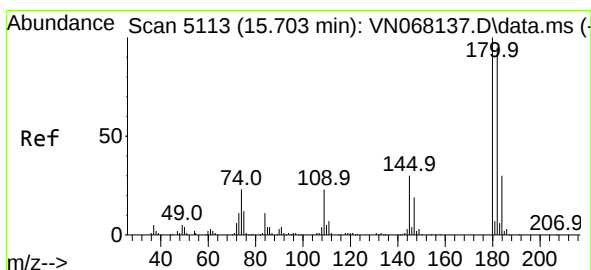
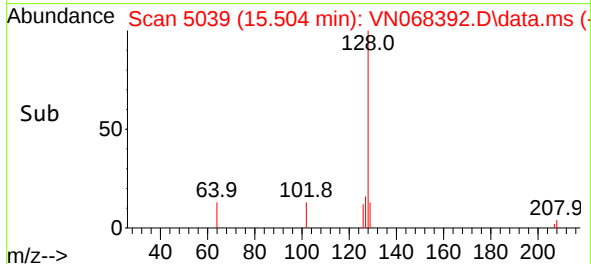
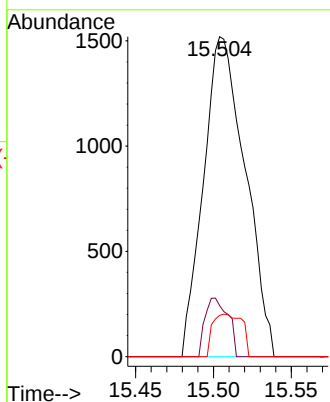
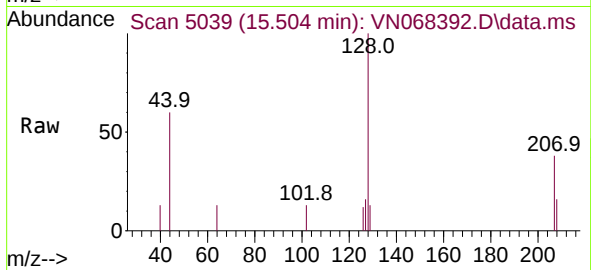




#95
Naphthalene
Concen: 2.579 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.003 min
Lab File: VN068392.D
Acq: 2 Sep 2021 17:59

Instrument :
MSVOA_N
ClientSampled :
TRIP-BLANK-1

Tgt Ion:128 Resp: 2829
Ion Ratio Lower Upper
128 100
127 10.0 10.6 15.8#
129 9.3 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 2.194 ug/l
RT: 15.705 min Scan# 5114
Delta R.T. 0.003 min
Lab File: VN068392.D
Acq: 2 Sep 2021 17:59

Tgt Ion:180 Resp: 979
Ion Ratio Lower Upper
180 100
182 91.3 47.8 143.3
145 15.4 18.2 54.6#

