

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070821\
 Data File : VN067656.D
 Acq On : 8 Jul 2021 12:03
 Operator : JC/MD
 Sample : M2940-07 .2PPB LOD
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2021

Manual Integrations
 APPROVED

MMDadoda
 7/9/2021 5:43:28 PM

Quant Time: Jul 09 05:08:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 09 04:50:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	337234	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	626018	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	570398	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	215659	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	269848	52.946	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.900%			
35) Dibromofluoromethane	8.024	113	185192	48.963	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.920%			
50) Toluene-d8	10.443	98	768098	48.517	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.040%			
62) 4-Bromofluorobenzene	12.736	95	239364	42.800	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 85.600%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.303	50	1212	0.267	ug/l #	49
5) Bromomethane	2.869	94	3273	0.579	ug/l	97
6) Chloroethane	3.019	64	1114m	0.219	ug/l	
11) Tert butyl alcohol	5.404	59	793m	1.083	ug/l	
13) Acrolein	4.039	56	903	2.296	ug/l #	63
14) Allyl chloride	4.838	41	1302m	0.236	ug/l	
15) Acrylonitrile	5.573	53	1593m	0.877	ug/l	
16) Acetone	4.299	43	3654m	2.278	ug/l	
17) Carbon Disulfide	4.537	76	2641m	0.318	ug/l	
18) Methyl Acetate	4.881	43	1744m	0.387	ug/l	
20) Methylene Chloride	5.079	84	3461	0.816	ug/l #	62
23) Vinyl Acetate	6.444	43	8773m	0.820	ug/l	
25) 2-Butanone	7.351	43	3626m	1.362	ug/l	
26) 2,2-Dichloropropane	7.335	77	1419m	0.233	ug/l	
29) Tetrahydrofuran	7.697	42	1744m	0.996	ug/l	
30) Chloroform	7.828	83	1568	0.200	ug/l	96
31) Cyclohexane	8.083	56	10747	1.504	ug/l #	33
36) 1,1-Dichloropropene	8.220	75	1272	0.219	ug/l #	65
37) Ethyl Acetate	7.415	43	1203m	0.214	ug/l	
38) Carbon Tetrachloride	8.206	117	1164m	0.203	ug/l	
42) 1,2-Dichloroethane	8.531	62	1864m	0.288	ug/l	
48) Methyl methacrylate	9.561	41	992	0.226	ug/l #	75
49) 1,4-Dioxane	9.577	88	110	1.448	ug/l #	56
51) 4-Methyl-2-Pentanone	10.333	43	5980	0.982	ug/l	92
58) 2-Chloroethyl Vinyl ether	10.046	63	2574	1.844	ug/l #	71
59) 2-Hexanone	11.092	43	4972	1.170	ug/l	91
68) m/p-Xylenes	11.958	106	2598	0.322	ug/l #	31
73) Isopropylbenzene	12.581	105	3612	0.208	ug/l	93
74) N-amyl acetate	12.393	43	2173	0.344	ug/l #	87
76) 1,2,3-Trichloropropane	12.881	75	1193m	0.271	ug/l	
77) Bromobenzene	12.876	156	978m	0.254	ug/l	
78) n-propylbenzene	12.921	91	4607	0.234	ug/l	100
79) 2-Chlorotoluene	13.010	91	2656	0.223	ug/l	85
80) 1,3,5-Trimethylbenzene	13.061	105	2926	0.208	ug/l	97
82) 4-Chlorotoluene	13.112	91	3111	0.264	ug/l	95
83) tert-Butylbenzene	13.326	119	2440	0.203	ug/l	83

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070821\
 Data File : VN067656.D
 Acq On : 8 Jul 2021 12:03
 Operator : JC/MD
 Sample : M2940-07 .2PPB LOD
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2021

Manual Integrations
 APPROVED

MMDadoda
 7/9/2021 5:43:28 PM

Quant Time: Jul 09 05:08:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 09 04:50:26 2021
 Response via : Initial Calibration

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

84) 1,2,4-Trimethylbenzene	13.369	105	2774	0.201	ug/l	80
85) sec-Butylbenzene	13.503	105	3478	0.209	ug/l	93
86) p-Isopropyltoluene	13.621	119	2804	0.209	ug/l	83
87) 1,3-Dichlorobenzene	13.619	146	1540	0.216	ug/l	95
88) 1,4-Dichlorobenzene	13.699	146	2222m	0.304	ug/l	
89) n-Butylbenzene	13.946	91	3279	0.285	ug/l	98
91) 1,2-Dichlorobenzene	13.994	146	2011	0.292	ug/l #	65
93) 1,2,4-Trichlorobenzene	15.271	180	1461	0.492	ug/l	92
94) Hexachlorobutadiene	15.367	225	346	0.239	ug/l #	34
95) Naphthalene	15.509	128	6537	0.781	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.705	180	1855	0.647	ug/l #	81

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

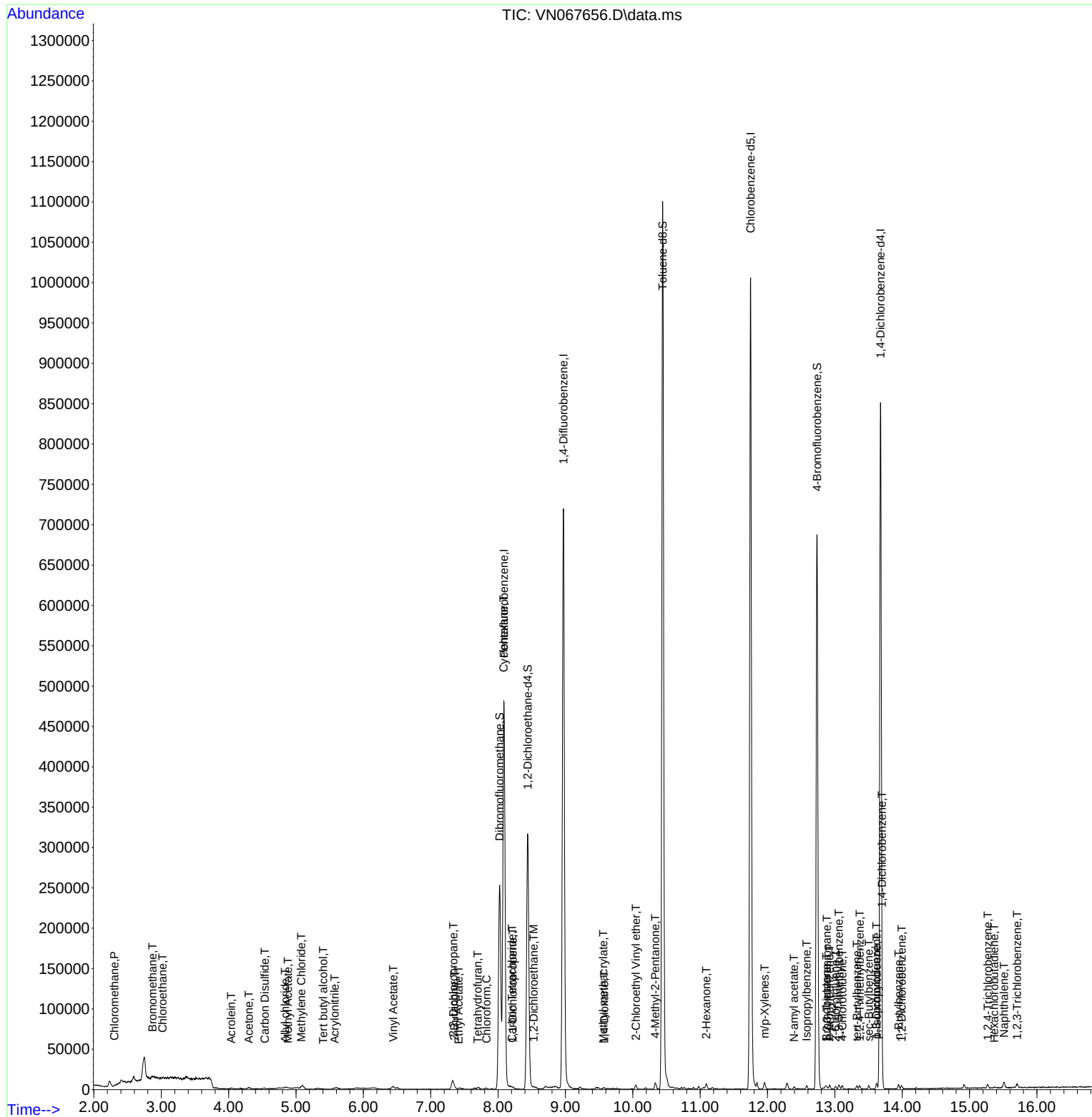
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070821\
Data File : VN067656.D
Acq On : 8 Jul 2021 12:03
Operator : JC/MD
Sample : M2940-07 .2PPB LOD
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

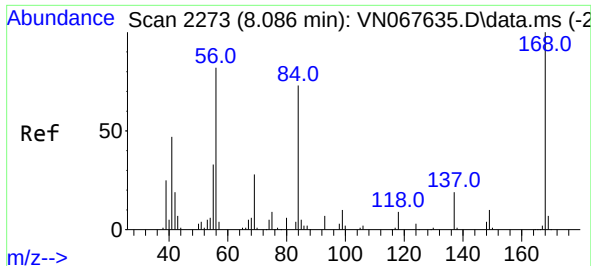
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

Manual Integrations
APPROVED

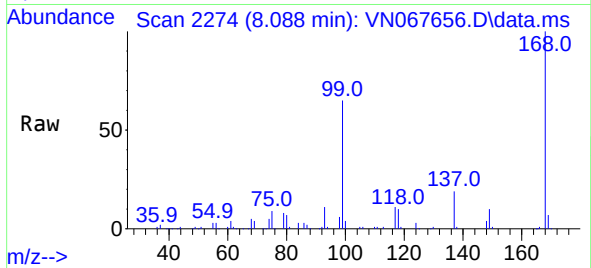
MMDadoda
7/9/2021 5:43:28 PM

Quant Time: Jul 09 05:08:33 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 09 04:50:26 2021
Response via : Initial Calibration

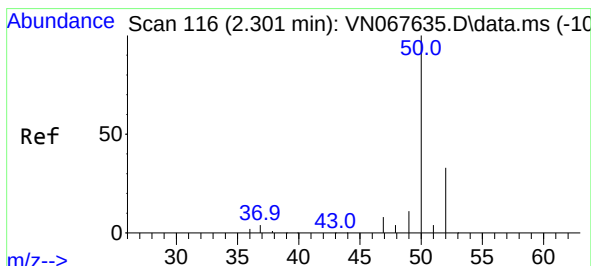
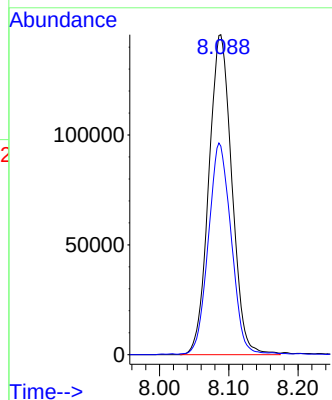
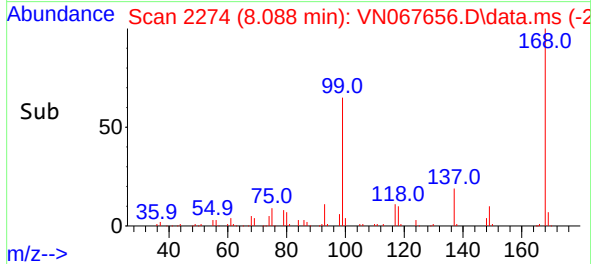




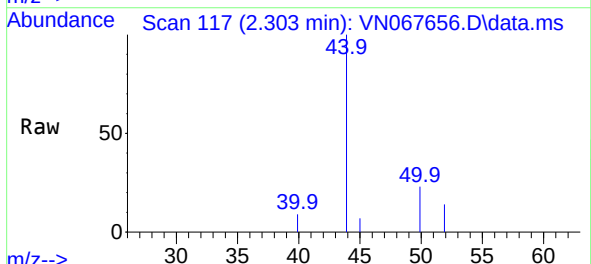
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN067656.D
Acq: 8 Jul 2021 12:03



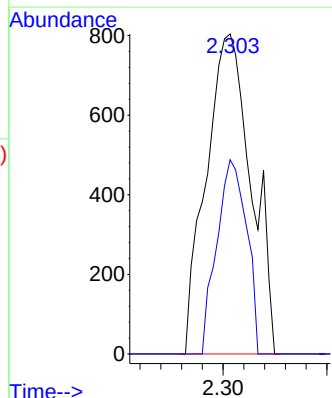
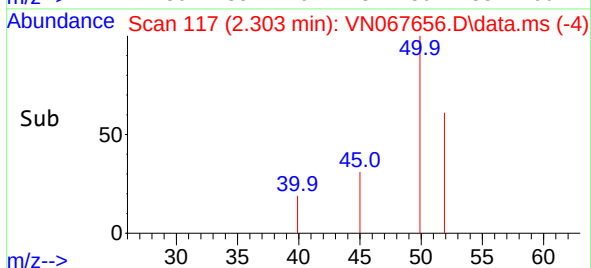
Tgt Ion: 168 Resp: 337234
Ion Ratio Lower Upper
168 100
99 64.9 62.9 94.3



#3
Chloromethane
Concen: 0.267 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.002 min
Lab File: VN067656.D
Acq: 8 Jul 2021 12:03



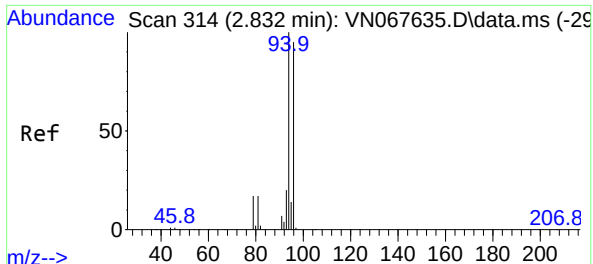
Tgt Ion: 50 Resp: 1212
Ion Ratio Lower Upper
50 100
52 60.7 25.6 38.4#



Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

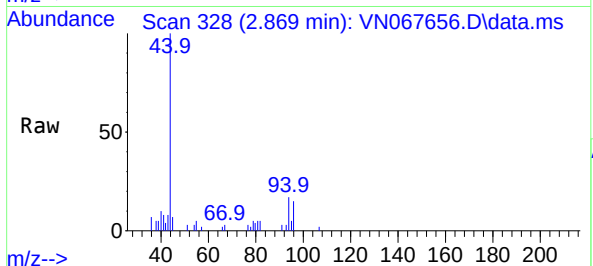
Manual Integrations
APPROVED

MMDadoda
7/9/2021 5:43:28 PM



#5
Bromomethane
Concen: 0.579 ug/l
RT: 2.869 min Scan# 328
Delta R.T. 0.037 min
Lab File: VN067656.D
Acq: 8 Jul 2021 12:03

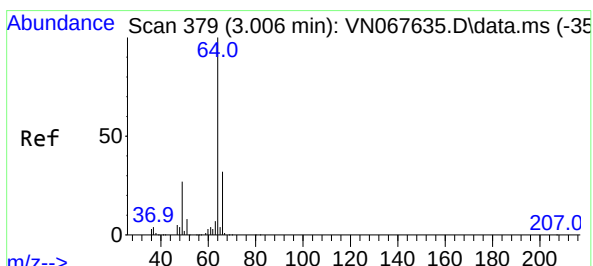
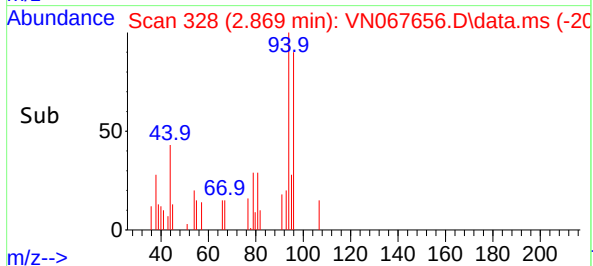
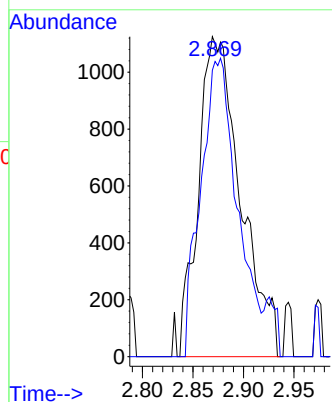
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



Tgt Ion: 94 Resp: 3273
Ion Ratio Lower Upper
94 100
96 89.5 73.7 110.5

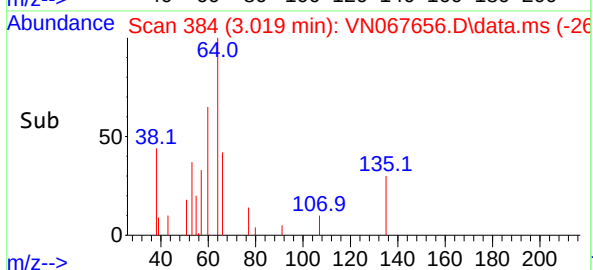
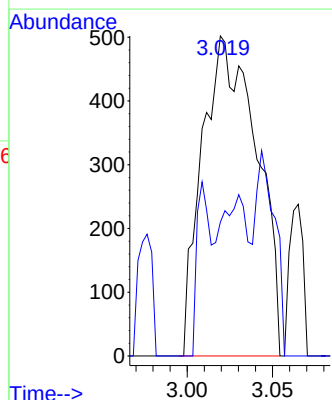
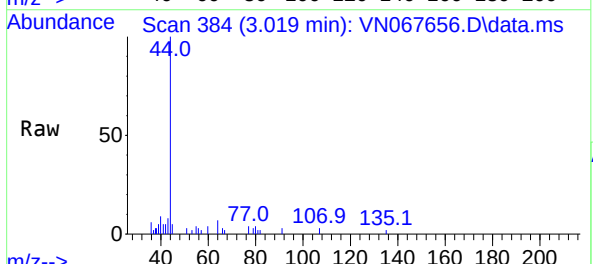
Manual Integrations
APPROVED

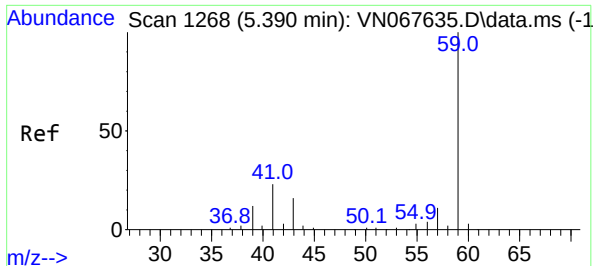
MMDadoda
7/9/2021 5:43:28 PM



#6
Chloroethane
Concen: 0.219 ug/l m
RT: 3.019 min Scan# 384
Delta R.T. 0.013 min
Lab File: VN067656.D
Acq: 8 Jul 2021 12:03

Tgt Ion: 64 Resp: 1114
Ion Ratio Lower Upper
64 100
66 41.8 24.7 37.1#





#11

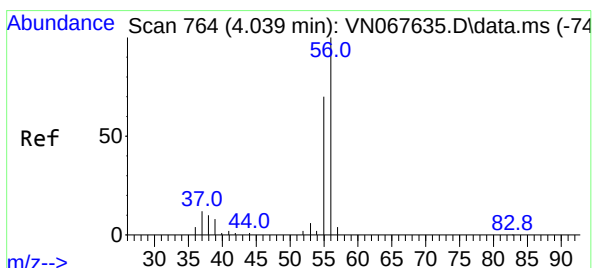
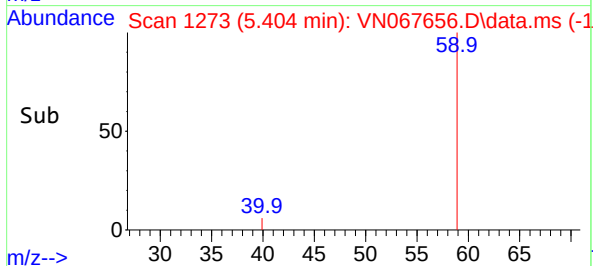
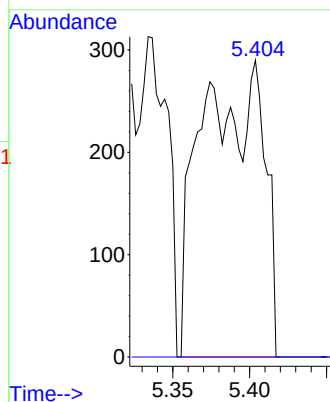
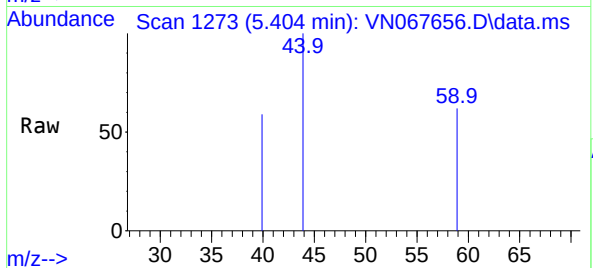
Tert butyl alcohol
Concen: 1.083 ug/l m
RT: 5.404 min Scan# 1273
Delta R.T. 0.014 min
Lab File: VN067656.D
Acq: 8 Jul 2021 12:03

Tgt Ion: 59 Resp: 793
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

Manual Integrations
APPROVED

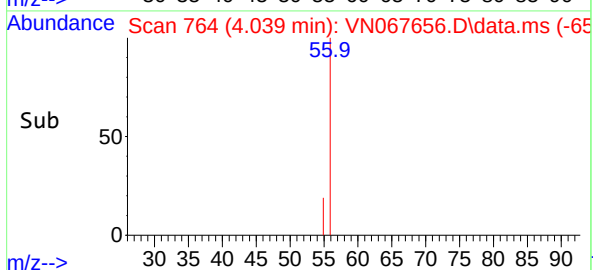
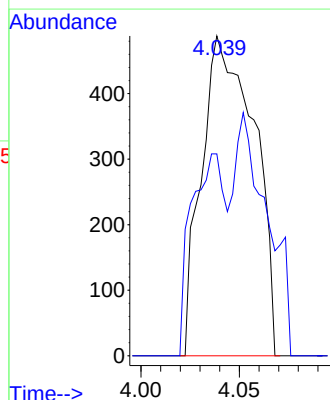
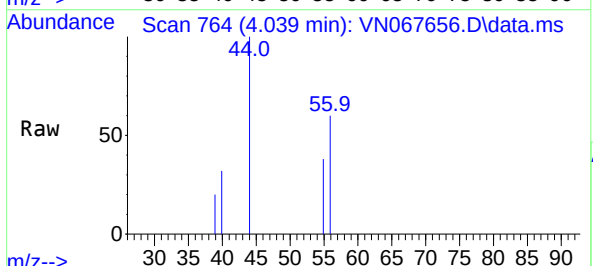
MMDadoda
7/9/2021 5:43:28 PM

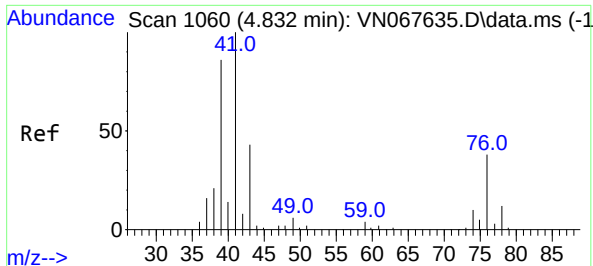


#13

Acrolein
Concen: 2.296 ug/l
RT: 4.039 min Scan# 764
Delta R.T. -0.000 min
Lab File: VN067656.D
Acq: 8 Jul 2021 12:03

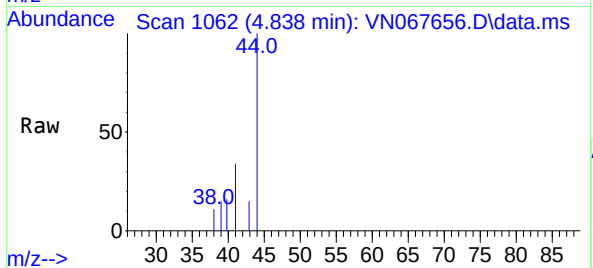
Tgt Ion: 56 Resp: 903
Ion Ratio Lower Upper
56 100
55 40.8 57.4 86.0#





#14
Allyl chloride
Concen: 0.236 ug/l m
RT: 4.838 min Scan# 1062
Delta R.T. 0.006 min
Lab File: VN067656.D
Acq: 8 Jul 2021 12:03

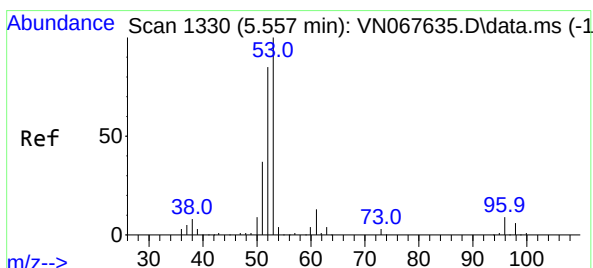
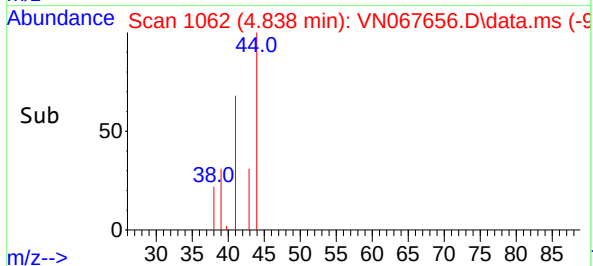
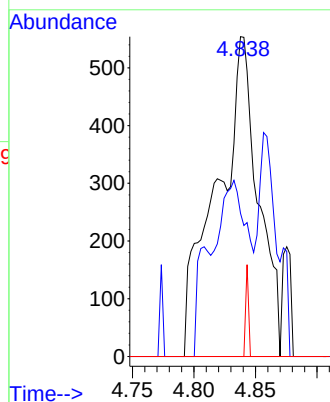
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



Tgt Ion: 41 Resp: 1302
Ion Ratio Lower Upper
41 100
39 36.5 60.9 91.3#
76 0.0 24.3 36.5#

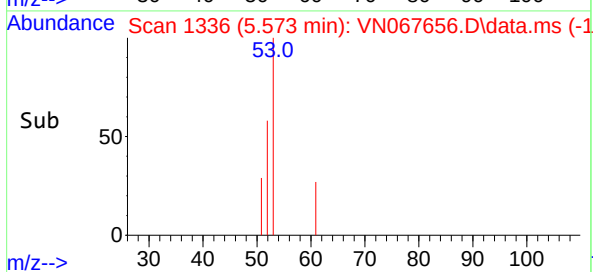
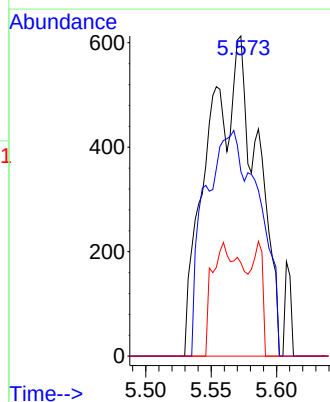
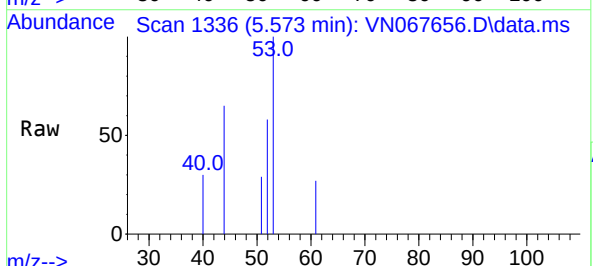
Manual Integrations
APPROVED

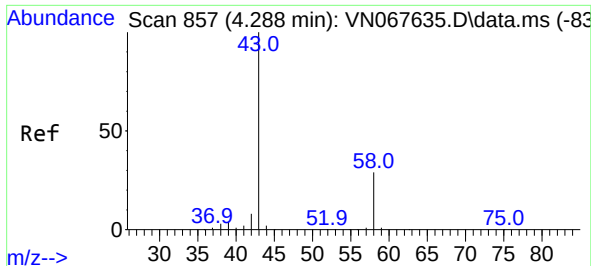
MMDadoda
7/9/2021 5:43:28 PM



#15
Acrylonitrile
Concen: 0.877 ug/l m
RT: 5.573 min Scan# 1336
Delta R.T. 0.016 min
Lab File: VN067656.D
Acq: 8 Jul 2021 12:03

Tgt Ion: 53 Resp: 1593
Ion Ratio Lower Upper
53 100
52 0.0 66.2 99.2#
51 21.8 30.2 45.4#





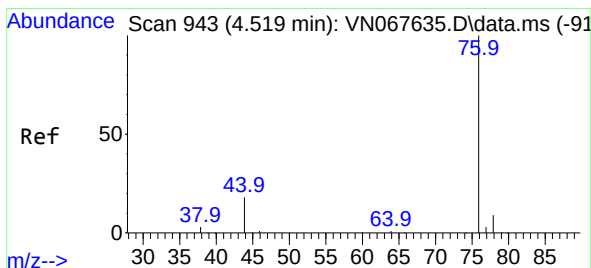
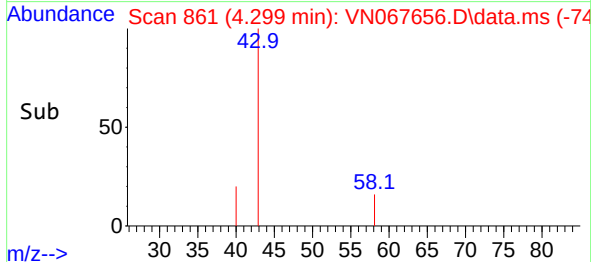
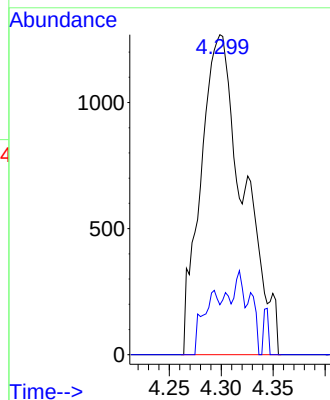
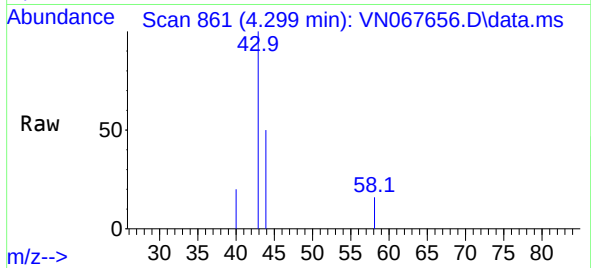
#16
Acetone
Concen: 2.278 ug/l m
RT: 4.299 min Scan# 861
Delta R.T. 0.011 min
Lab File: VN067656.D
Acq: 8 Jul 2021 12:03

Tgt Ion: 43 Resp: 3654
Ion Ratio Lower Upper
43 100
58 15.6 21.2 31.8#

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

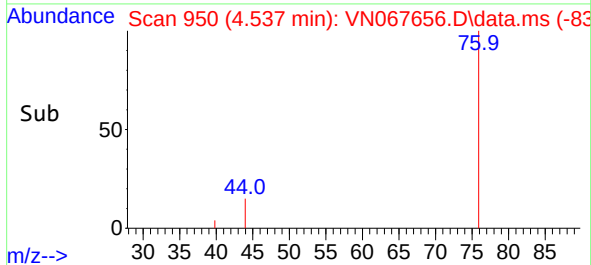
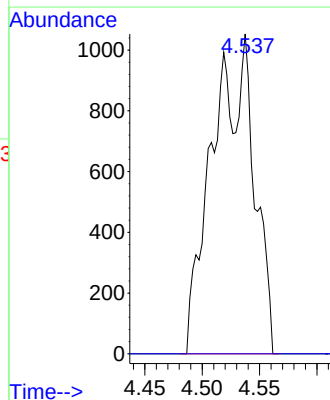
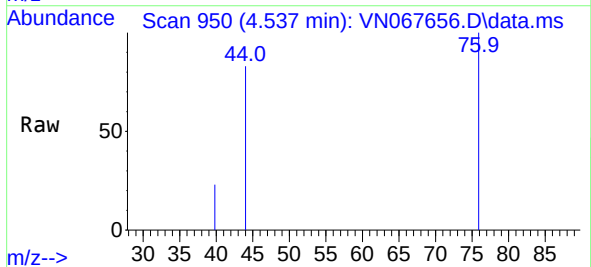
Manual Integrations
APPROVED

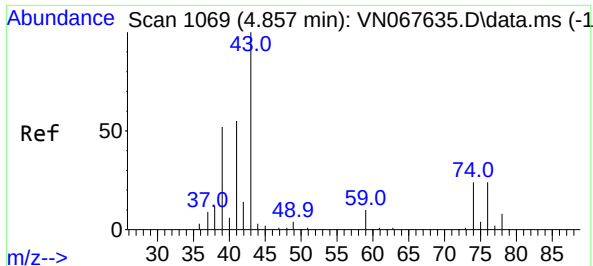
MMDadoda
7/9/2021 5:43:28 PM



#17
Carbon Disulfide
Concen: 0.318 ug/l m
RT: 4.537 min Scan# 950
Delta R.T. 0.018 min
Lab File: VN067656.D
Acq: 8 Jul 2021 12:03

Tgt Ion: 76 Resp: 2641
Ion Ratio Lower Upper
76 100
78 0.0 7.7 11.5#





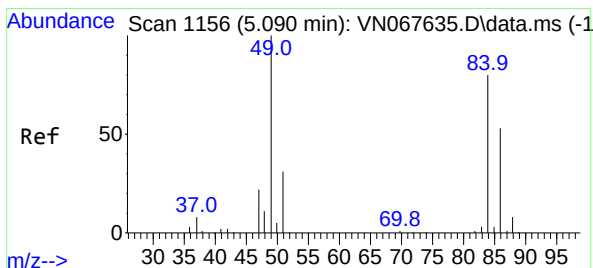
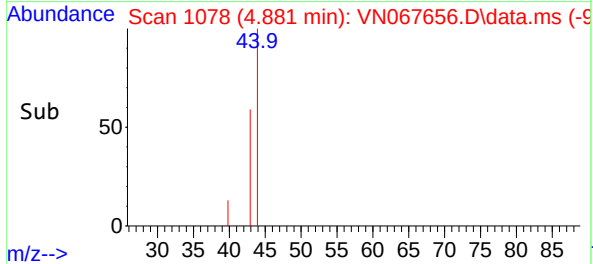
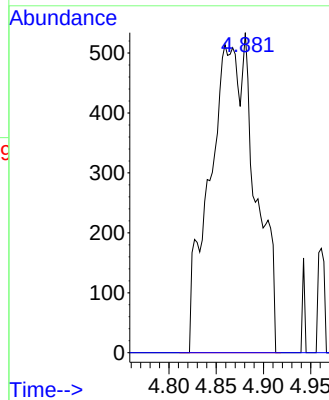
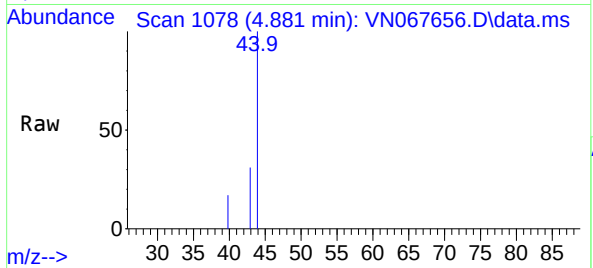
#18
Methyl Acetate
Concen: 0.387 ug/l m
RT: 4.881 min Scan# 1078
Delta R.T. 0.024 min
Lab File: VN067656.D
Acq: 8 Jul 2021 12:03

Tgt Ion: 43 Resp: 1744
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.0#

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

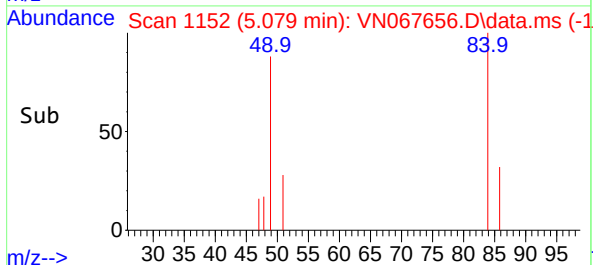
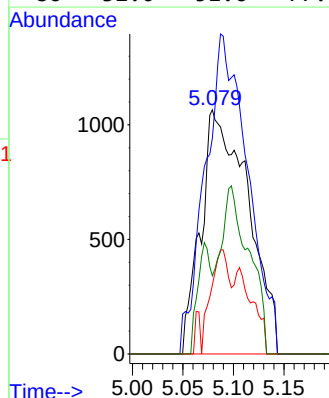
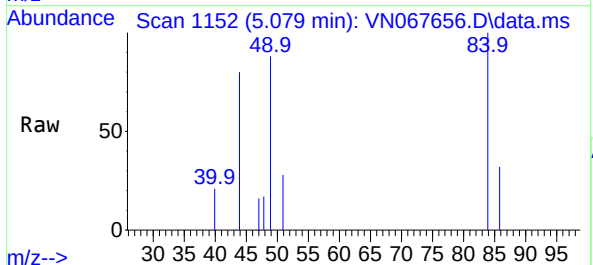
Manual Integrations
APPROVED

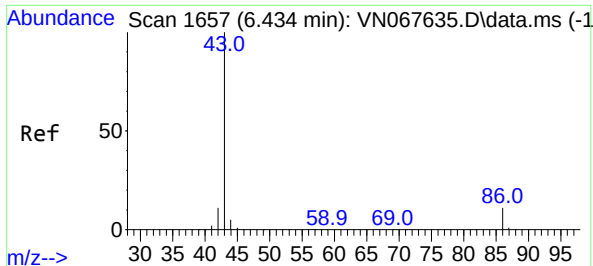
MMDadoda
7/9/2021 5:43:28 PM



#20
Methylene Chloride
Concen: 0.816 ug/l
RT: 5.079 min Scan# 1152
Delta R.T. -0.011 min
Lab File: VN067656.D
Acq: 8 Jul 2021 12:03

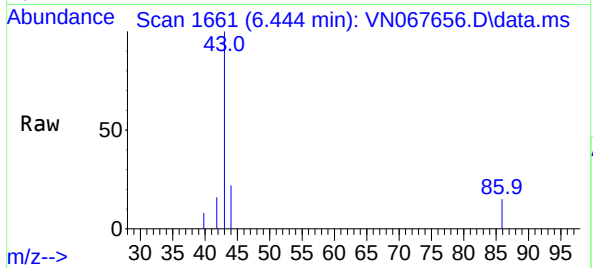
Tgt Ion: 84 Resp: 3461
Ion Ratio Lower Upper
84 100
49 88.4 110.9 166.3#
51 28.2 32.6 49.0#
86 32.0 51.6 77.4#





#23
 Vinyl Acetate
 Concen: 0.820 ug/l m
 RT: 6.444 min Scan# 1661
 Delta R.T. 0.010 min
 Lab File: VN067656.D
 Acq: 8 Jul 2021 12:03

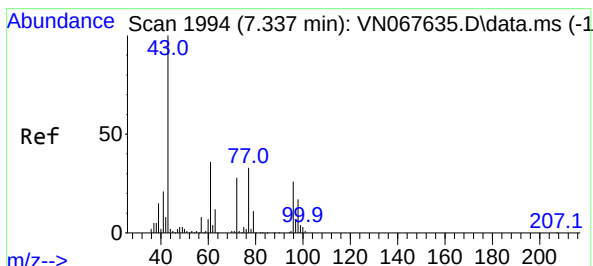
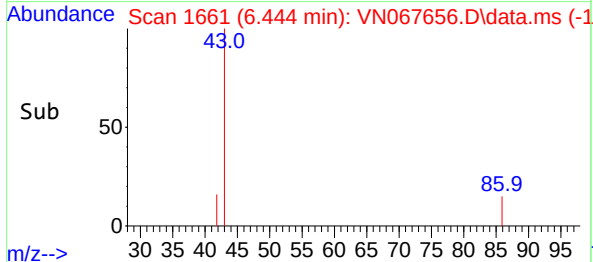
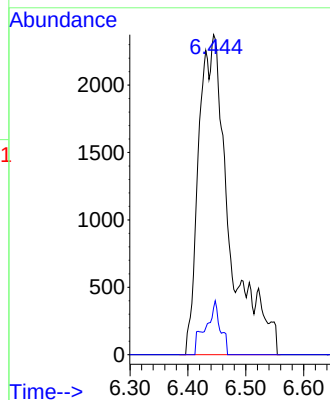
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2021



Tgt Ion: 43 Resp: 8773
 Ion Ratio Lower Upper
 43 100
 86 14.7 7.3 10.9#

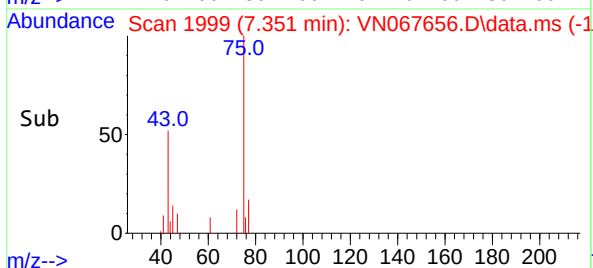
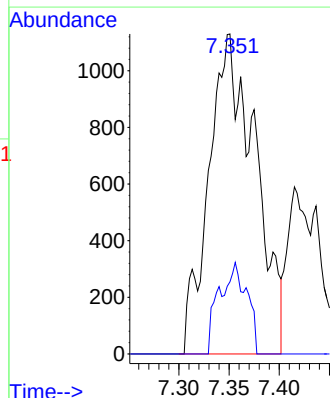
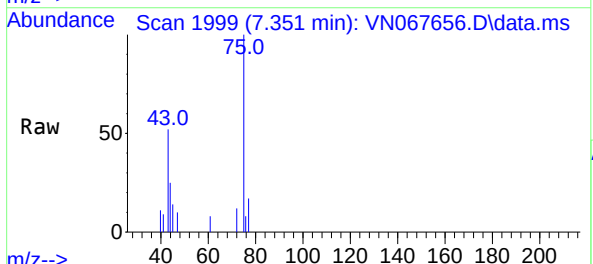
Manual Integrations
 APPROVED

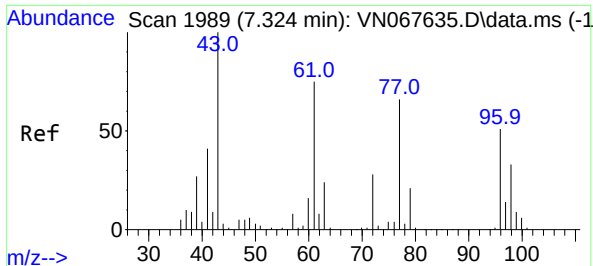
MMDadoda
 7/9/2021 5:43:28 PM



#25
 2-Butanone
 Concen: 1.362 ug/l m
 RT: 7.351 min Scan# 1999
 Delta R.T. 0.014 min
 Lab File: VN067656.D
 Acq: 8 Jul 2021 12:03

Tgt Ion: 43 Resp: 3626
 Ion Ratio Lower Upper
 43 100
 72 22.6 19.7 29.5





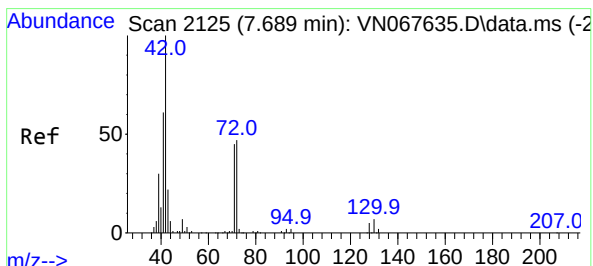
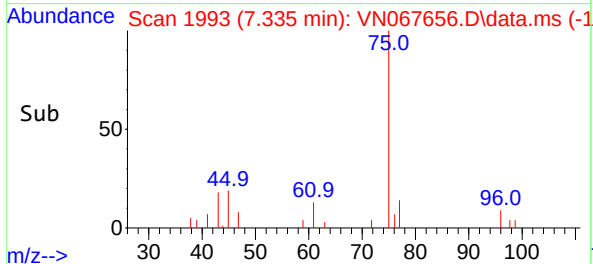
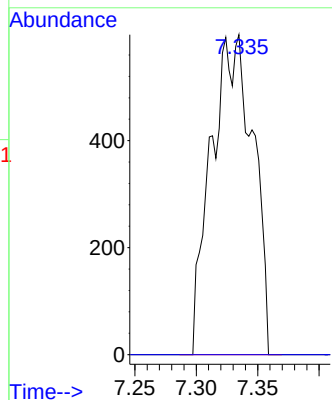
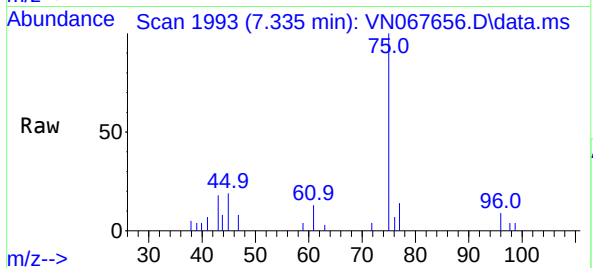
#26
2,2-Dichloropropane
Concen: 0.233 ug/l m
RT: 7.335 min Scan# 1993
Delta R.T. 0.011 min
Lab File: VN067656.D
Acq: 8 Jul 2021 12:03

Tgt Ion: 77 Resp: 1419
Ion Ratio Lower Upper
77 100
97 0.0 9.8 29.3#

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

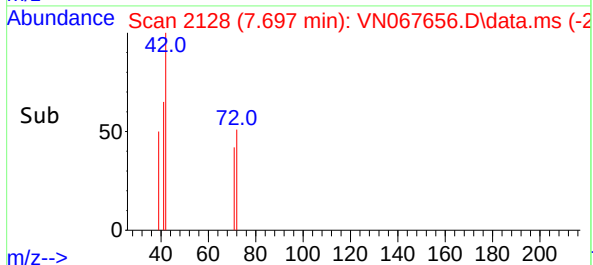
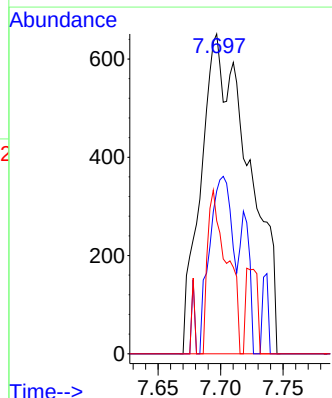
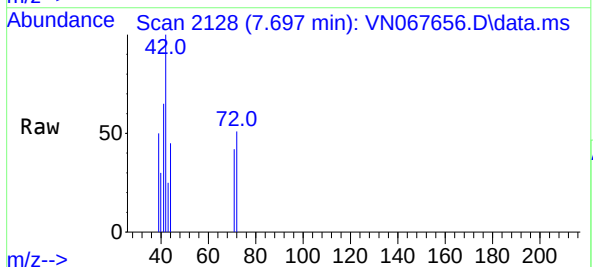
Manual Integrations
APPROVED

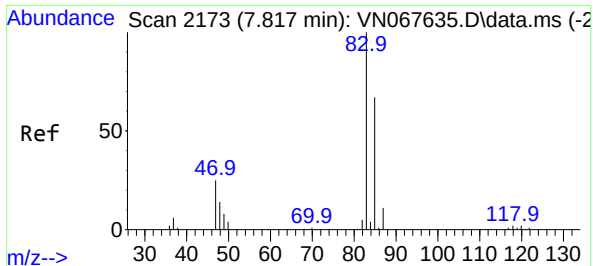
MMDadoda
7/9/2021 5:43:28 PM



#29
Tetrahydrofuran
Concen: 0.996 ug/l m
RT: 7.697 min Scan# 2128
Delta R.T. 0.008 min
Lab File: VN067656.D
Acq: 8 Jul 2021 12:03

Tgt Ion: 42 Resp: 1744
Ion Ratio Lower Upper
42 100
72 26.7 32.8 49.2#
71 20.6 31.2 46.8#





#30

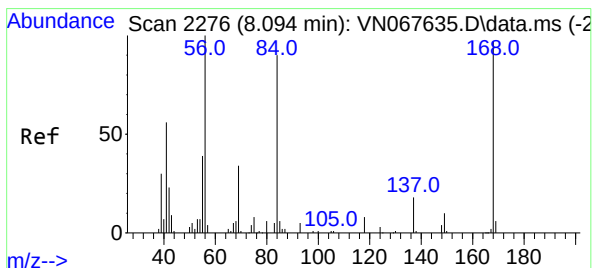
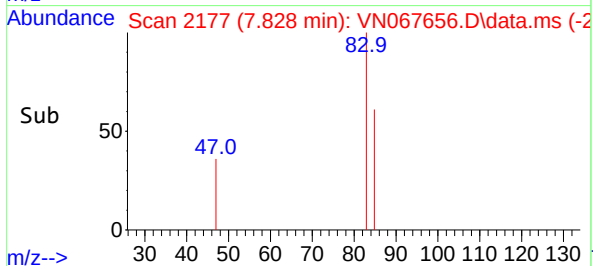
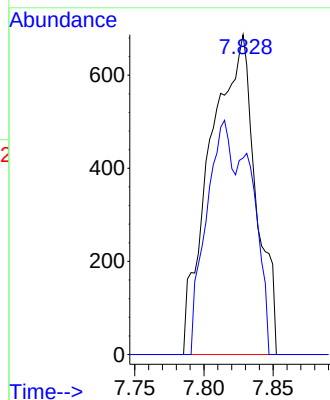
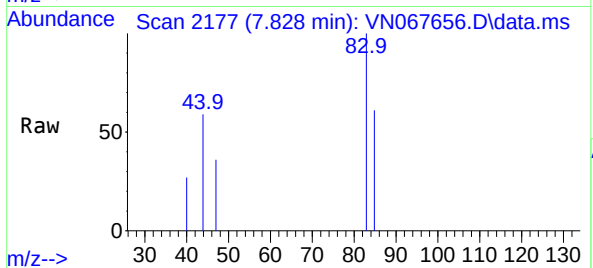
Chloroform
Concen: 0.200 ug/l
RT: 7.828 min Scan# 2177
Delta R.T. 0.011 min
Lab File: VN067656.D
Acq: 8 Jul 2021 12:03

Tgt Ion: 83 Resp: 1568
Ion Ratio Lower Upper
83 100
85 61.4 51.5 77.3

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

Manual Integrations
APPROVED

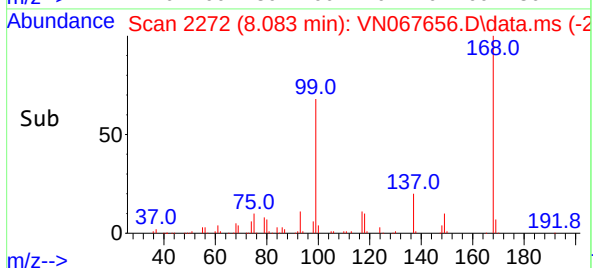
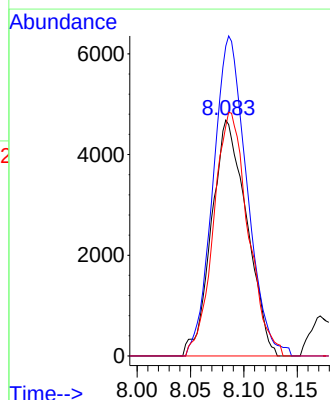
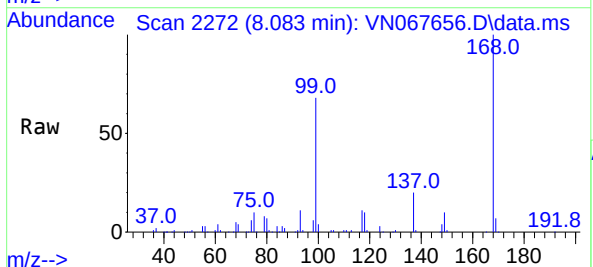
MMDadoda
7/9/2021 5:43:28 PM

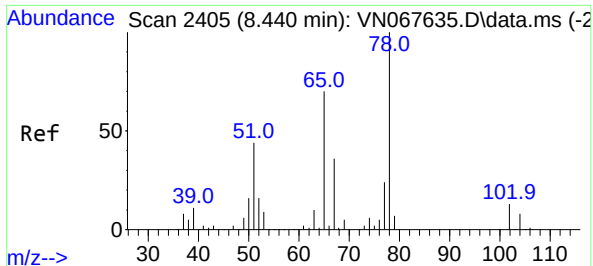


#31

Cyclohexane
Concen: 1.504 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.011 min
Lab File: VN067656.D
Acq: 8 Jul 2021 12:03

Tgt Ion: 56 Resp: 10747
Ion Ratio Lower Upper
56 100
69 131.4 27.3 40.9#
84 102.2 64.9 97.3#





#33

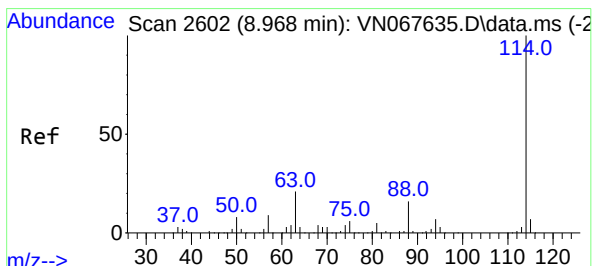
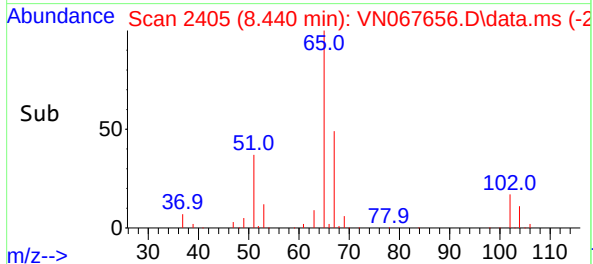
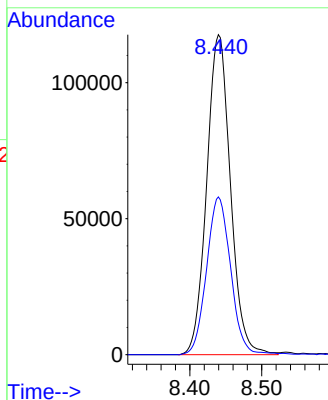
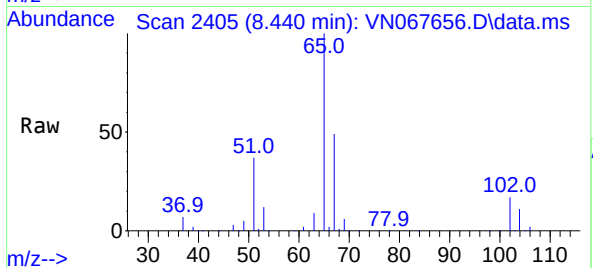
1,2-Dichloroethane-d4
Concen: 52.946 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067656.D
Acq: 8 Jul 2021 12:03

Tgt Ion: 65 Resp: 269848
Ion Ratio Lower Upper
65 100
67 50.0 0.0 98.6

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

Manual Integrations
APPROVED

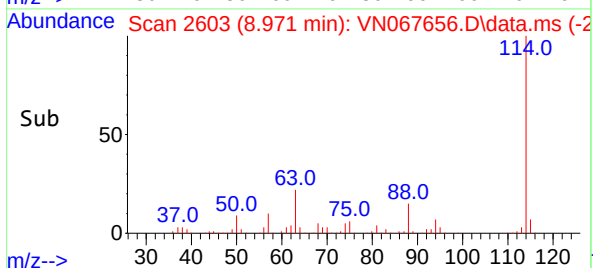
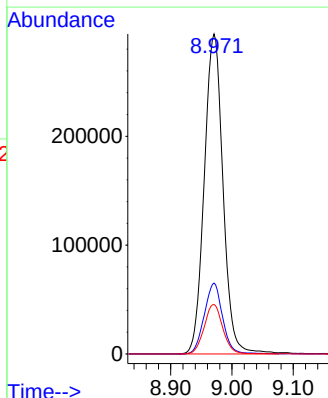
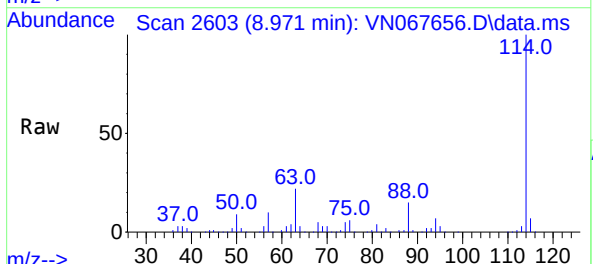
MMDadoda
7/9/2021 5:43:28 PM

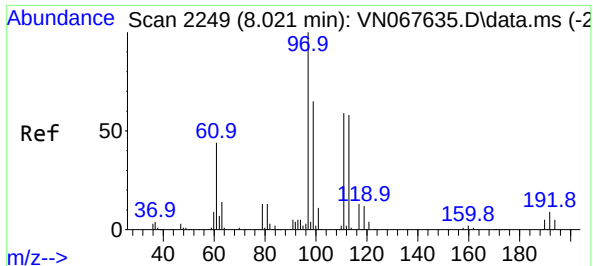


#34

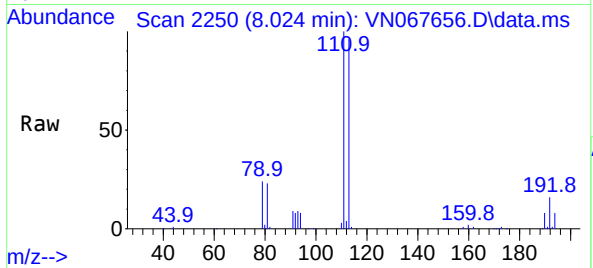
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN067656.D
Acq: 8 Jul 2021 12:03

Tgt Ion: 114 Resp: 626018
Ion Ratio Lower Upper
114 100
63 22.2 0.0 49.0
88 15.4 0.0 36.6

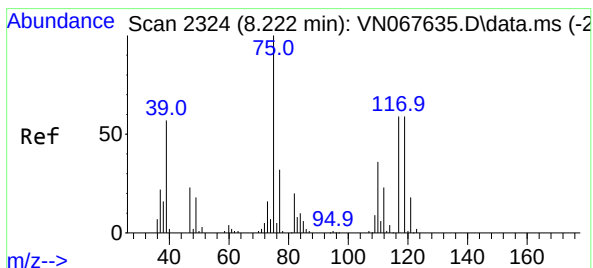
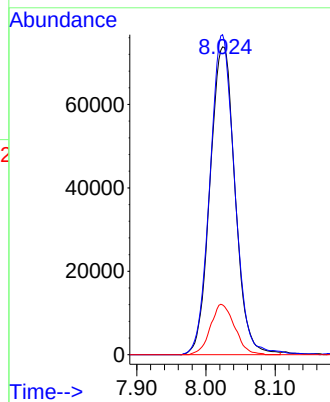
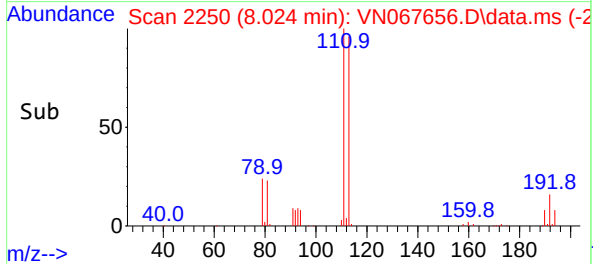




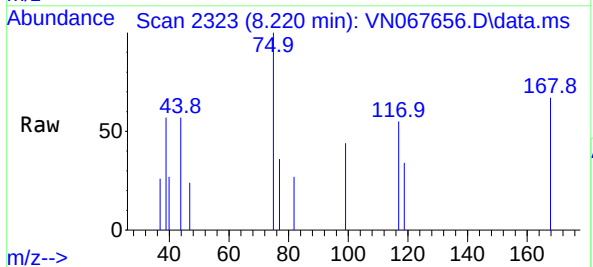
#35
Dibromofluoromethane
Concen: 48.963 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN067656.D
Acq: 8 Jul 2021 12:03



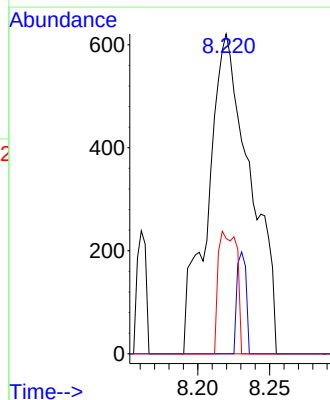
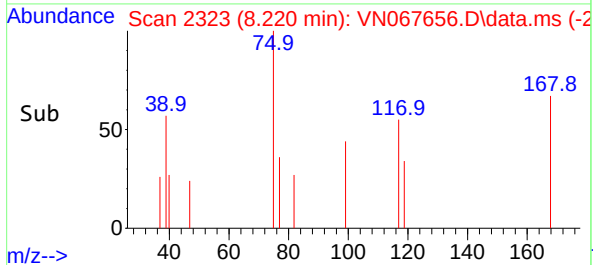
Tgt Ion:113 Resp: 185192
Ion Ratio Lower Upper
113 100
111 102.9 83.8 125.8
192 15.9 13.4 20.0



#36
1,1-Dichloropropene
Concen: 0.219 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.002 min
Lab File: VN067656.D
Acq: 8 Jul 2021 12:03



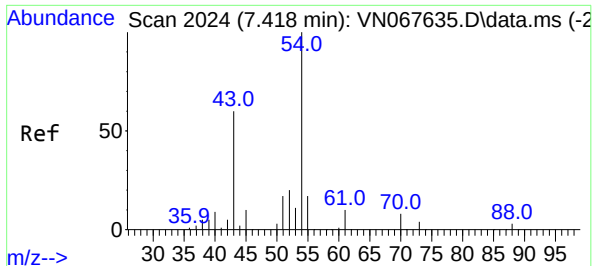
Tgt Ion: 75 Resp: 1272
Ion Ratio Lower Upper
75 100
110 6.8 15.7 47.0#
77 16.6 24.6 37.0#



Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

Manual Integrations
APPROVED

MMDadoda
7/9/2021 5:43:28 PM



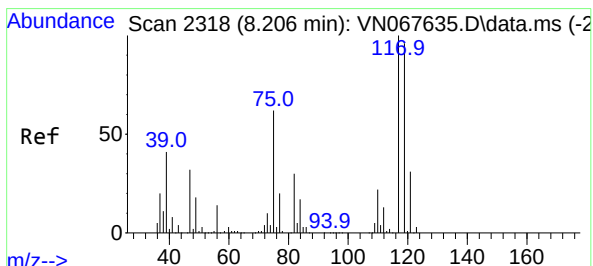
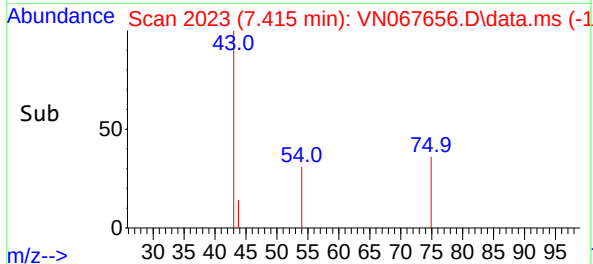
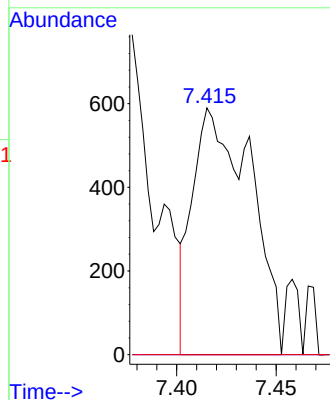
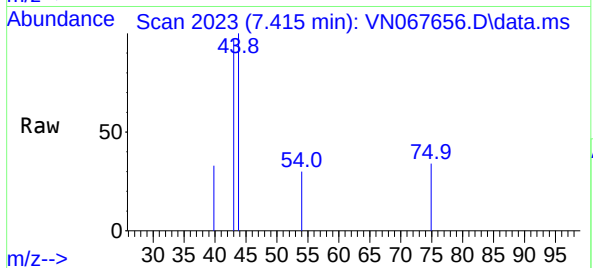
#37
Ethyl Acetate
Concen: 0.214 ug/l m
RT: 7.415 min Scan# 2023
Delta R.T. -0.003 min
Lab File: VN067656.D
Acq: 8 Jul 2021 12:03

Tgt Ion: 43 Resp: 1203
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.0 8.1 12.1#

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

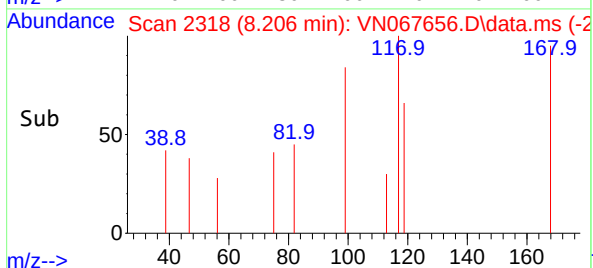
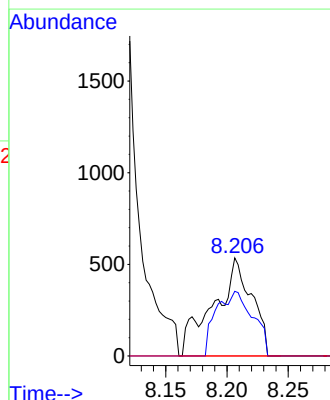
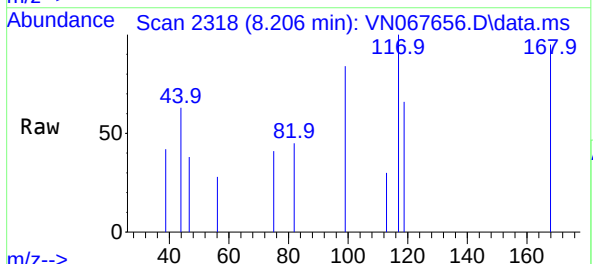
Manual Integrations
APPROVED

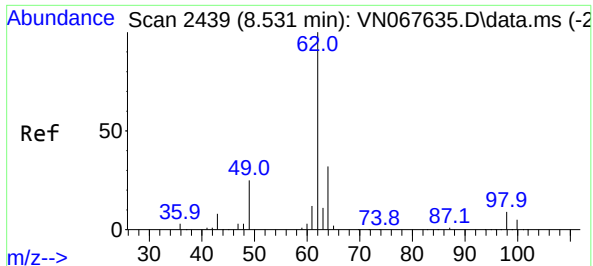
MMDadoda
7/9/2021 5:43:28 PM



#38
Carbon Tetrachloride
Concen: 0.203 ug/l m
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN067656.D
Acq: 8 Jul 2021 12:03

Tgt Ion: 117 Resp: 1164
Ion Ratio Lower Upper
117 100
119 66.0 75.4 113.2#
121 0.0 23.5 35.3#





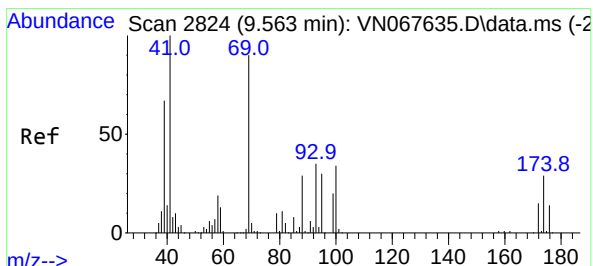
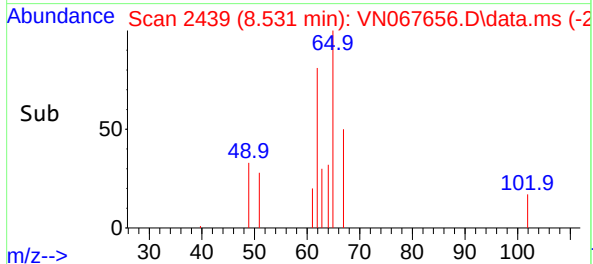
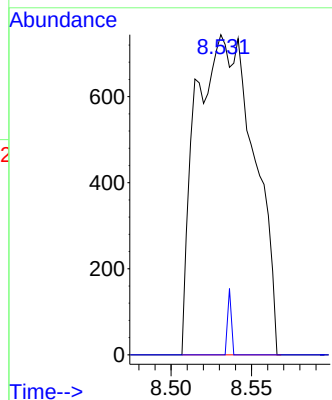
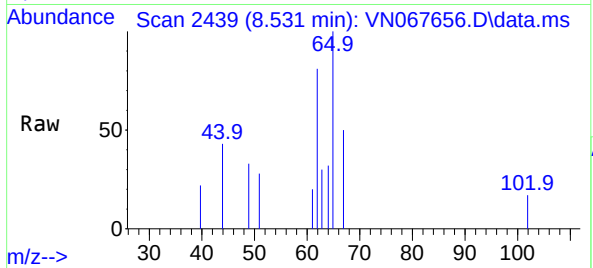
#42
1,2-Dichloroethane
Concen: 0.288 ug/l m
RT: 8.531 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VN067656.D
Acq: 8 Jul 2021 12:03

Tgt Ion: 62 Resp: 1864
Ion Ratio Lower Upper
62 100
98 0.0 0.0 14.2

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

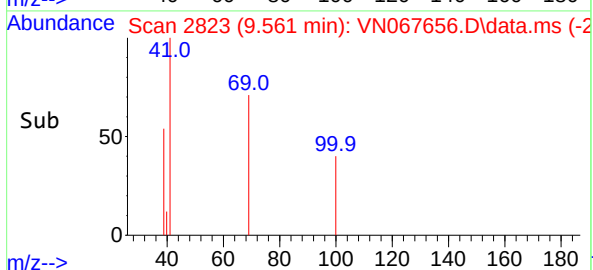
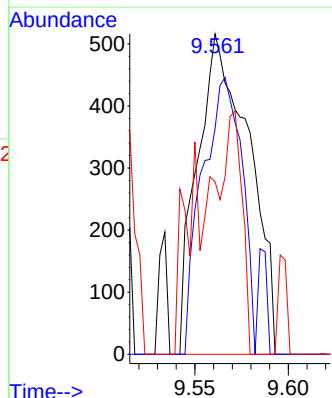
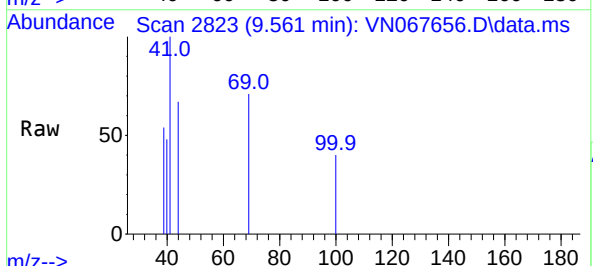
Manual Integrations
APPROVED

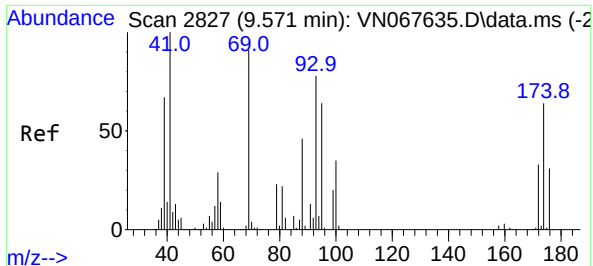
MMDadoda
7/9/2021 5:43:28 PM



#48
Methyl methacrylate
Concen: 0.226 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.002 min
Lab File: VN067656.D
Acq: 8 Jul 2021 12:03

Tgt Ion: 41 Resp: 992
Ion Ratio Lower Upper
41 100
69 66.5 64.6 96.8
39 38.4 53.3 79.9#





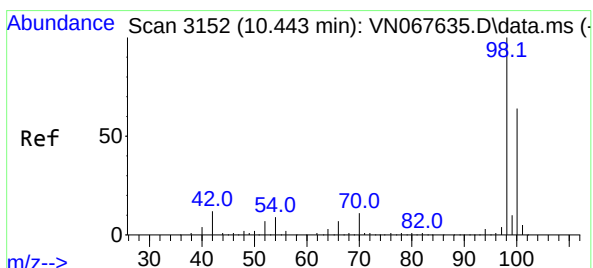
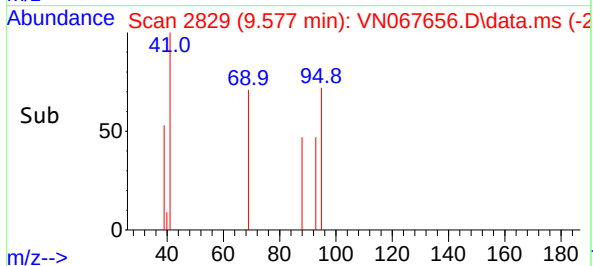
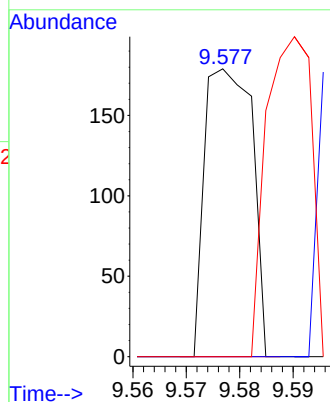
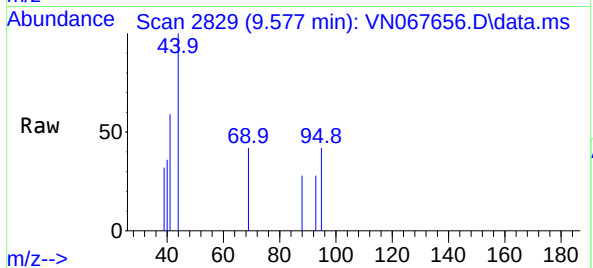
#49
1,4-Dioxane
Concen: 1.448 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. 0.006 min
Lab File: VN067656.D
Acq: 8 Jul 2021 12:03

Tgt Ion: 88 Resp: 110
Ion Ratio Lower Upper
88 100
43 0.0 28.8 43.2#
58 106.4 60.4 90.6#

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

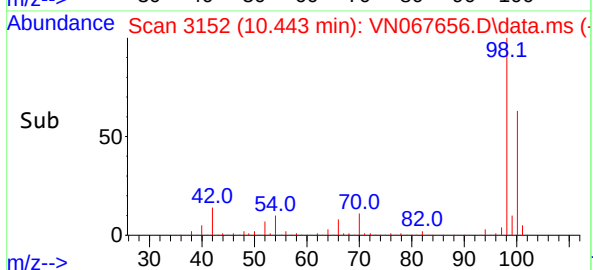
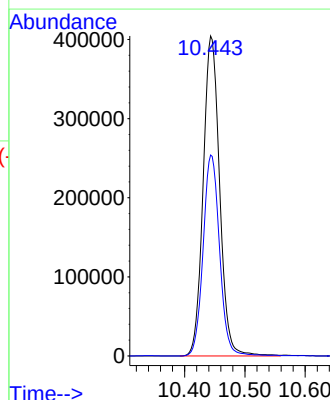
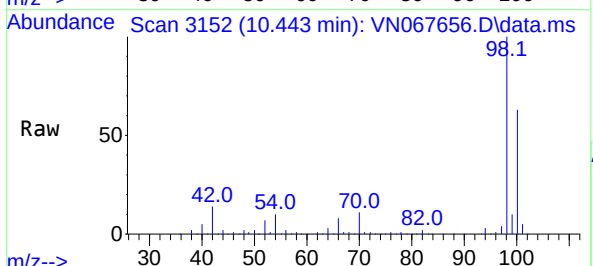
Manual Integrations
APPROVED

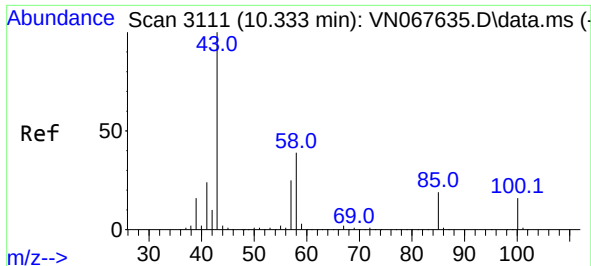
MMDadoda
7/9/2021 5:43:28 PM



#50
Toluene-d8
Concen: 48.517 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067656.D
Acq: 8 Jul 2021 12:03

Tgt Ion: 98 Resp: 768098
Ion Ratio Lower Upper
98 100
100 62.6 51.7 77.5





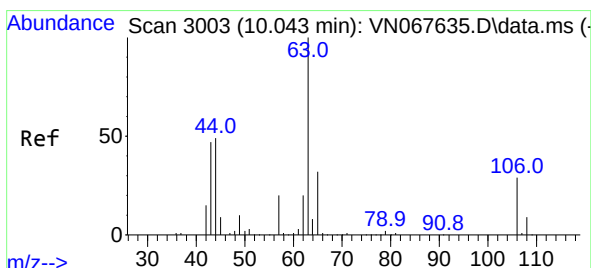
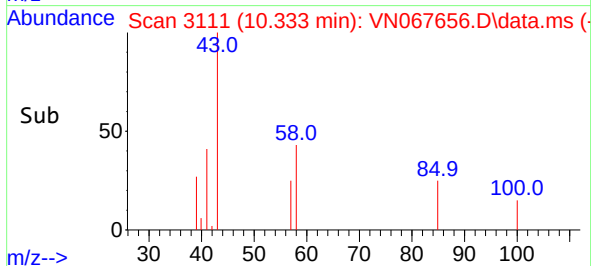
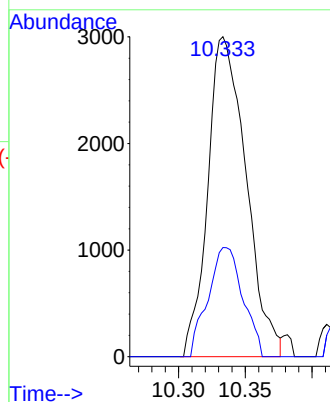
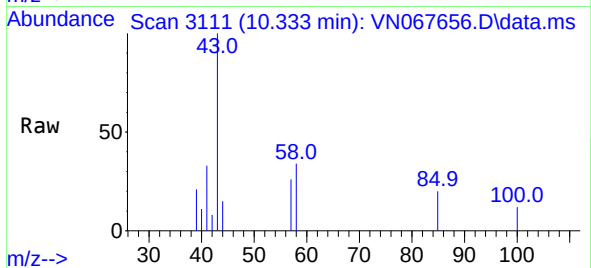
#51
4-Methyl-2-Pentanone
Concen: 0.982 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VN067656.D
Acq: 8 Jul 2021 12:03

Tgt Ion: 43 Resp: 5980
Ion Ratio Lower Upper
43 100
58 31.1 28.6 43.0

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

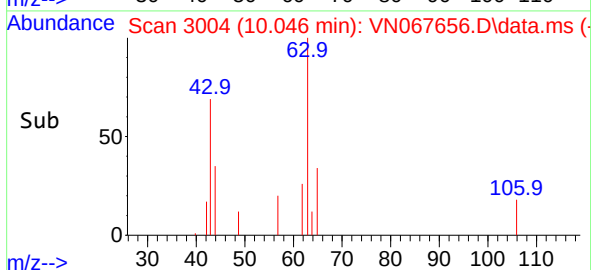
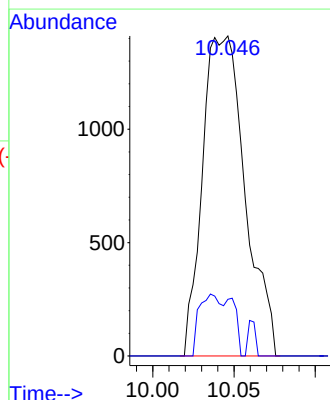
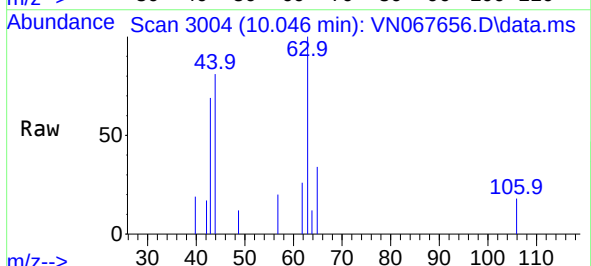
Manual Integrations
APPROVED

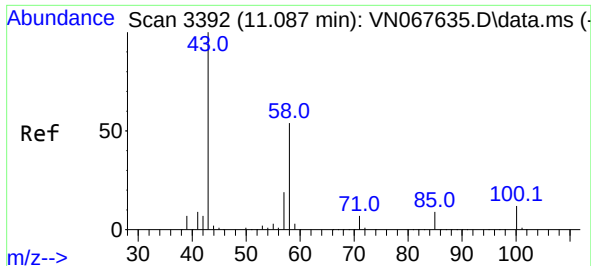
MMDadoda
7/9/2021 5:43:28 PM



#58
2-Chloroethyl Vinyl ether
Concen: 1.844 ug/l
RT: 10.046 min Scan# 3004
Delta R.T. 0.003 min
Lab File: VN067656.D
Acq: 8 Jul 2021 12:03

Tgt Ion: 63 Resp: 2574
Ion Ratio Lower Upper
63 100
106 10.5 19.8 29.8#





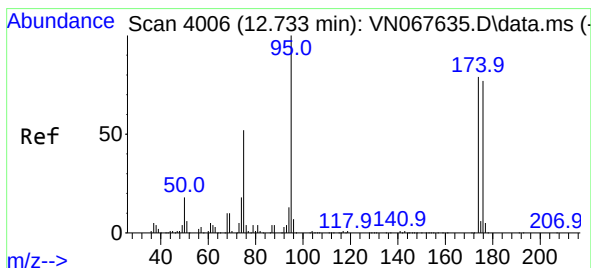
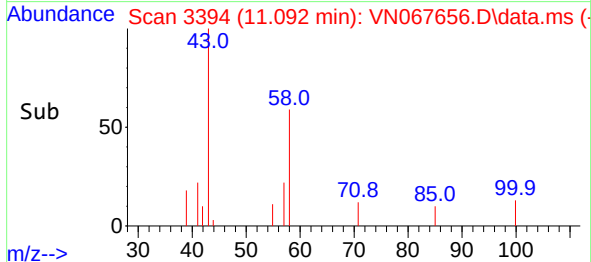
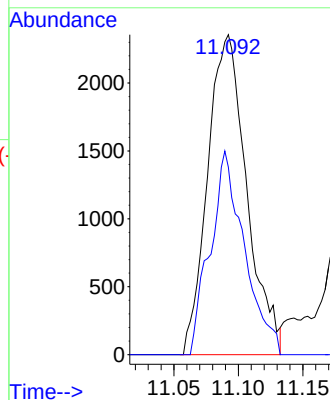
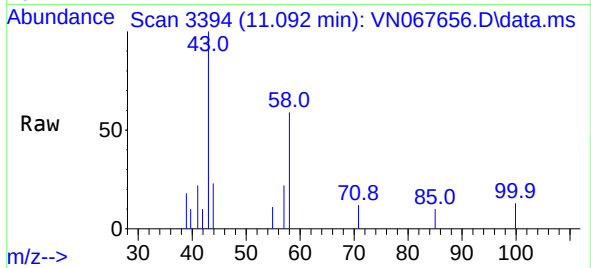
#59
2-Hexanone
Concen: 1.170 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.005 min
Lab File: VN067656.D
Acq: 8 Jul 2021 12:03

Tgt Ion: 43 Resp: 4972
Ion Ratio Lower Upper
43 100
58 55.6 24.7 74.1

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

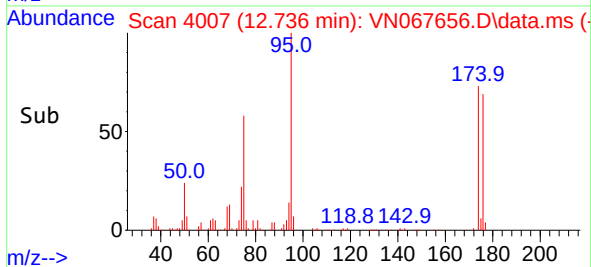
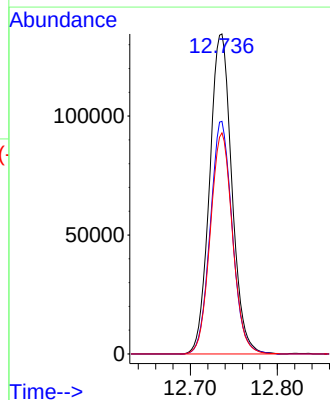
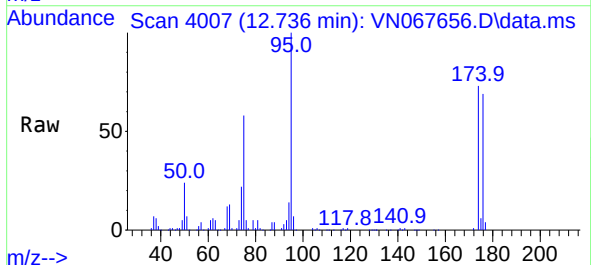
Manual Integrations
APPROVED

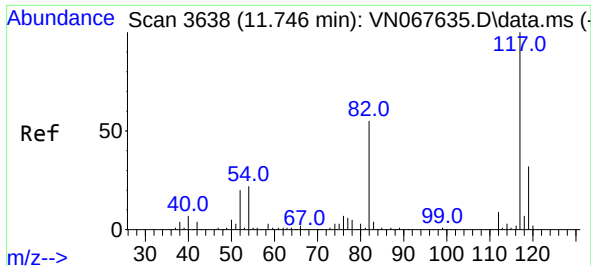
MMDadoda
7/9/2021 5:43:28 PM



#62
4-Bromofluorobenzene
Concen: 42.800 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN067656.D
Acq: 8 Jul 2021 12:03

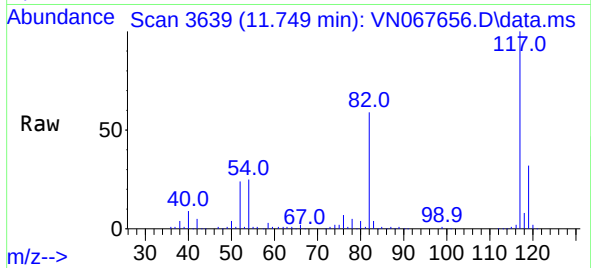
Tgt Ion: 95 Resp: 239364
Ion Ratio Lower Upper
95 100
174 71.8 0.0 122.0
176 69.0 0.0 117.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067656.D
Acq: 8 Jul 2021 12:03

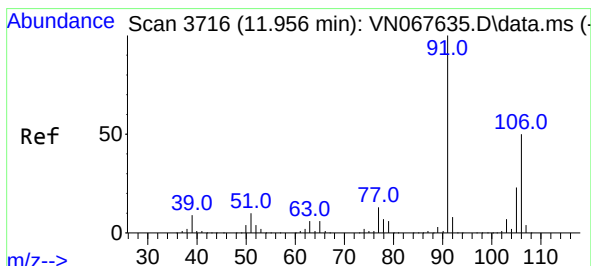
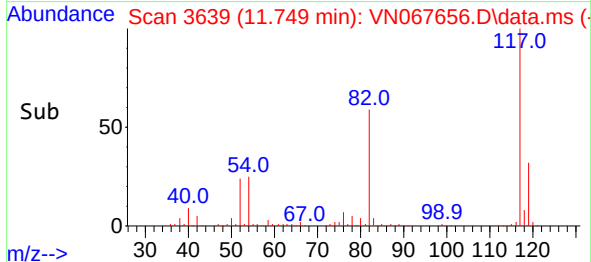
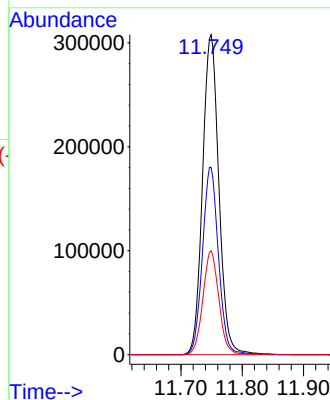
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



Tgt Ion:117 Resp: 570398
Ion Ratio Lower Upper
117 100
82 58.6 53.1 79.7
119 32.4 25.5 38.3

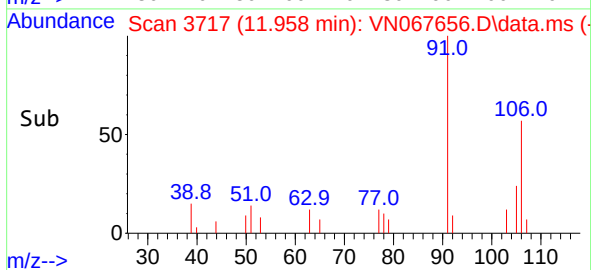
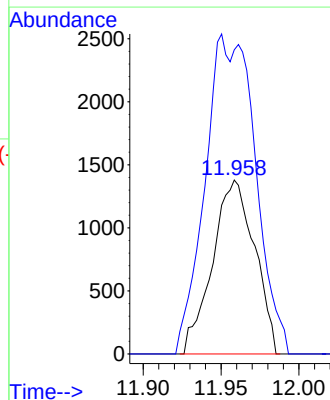
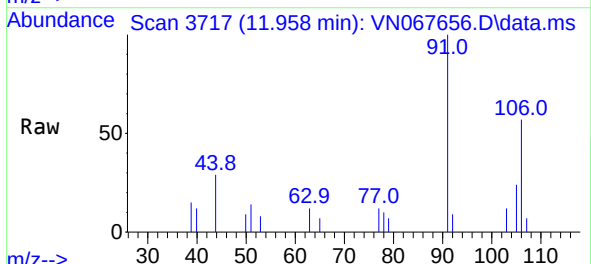
Manual Integrations
APPROVED

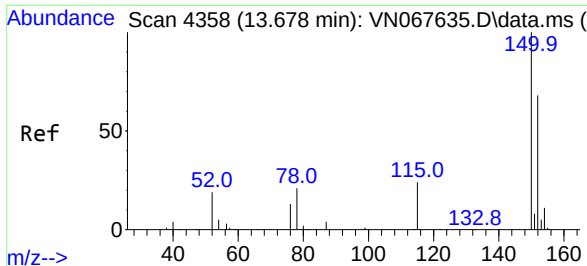
MMDadoda
7/9/2021 5:43:28 PM



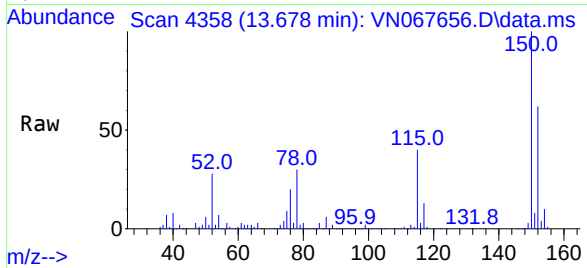
#68
m/p-Xylenes
Concen: 0.322 ug/l
RT: 11.958 min Scan# 3717
Delta R.T. 0.002 min
Lab File: VN067656.D
Acq: 8 Jul 2021 12:03

Tgt Ion:106 Resp: 2598
Ion Ratio Lower Upper
106 100
91 113.0 180.6 270.8#

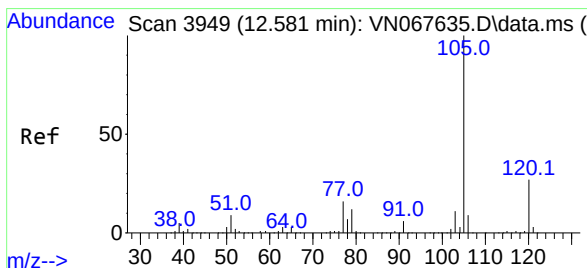
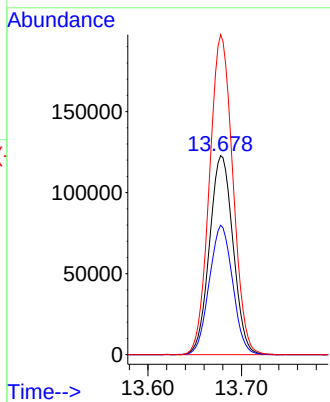
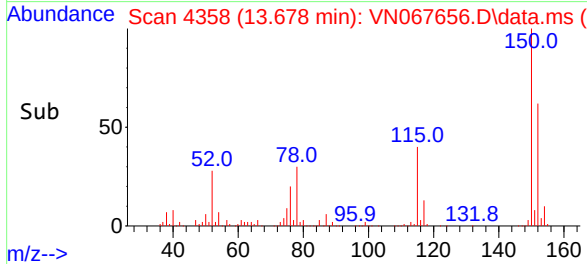




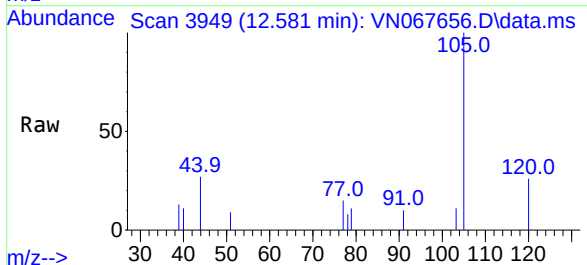
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.000 min
Lab File: VN067656.D
Acq: 8 Jul 2021 12:03



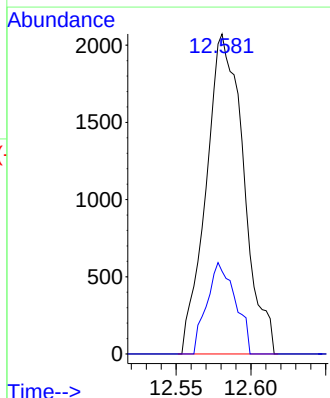
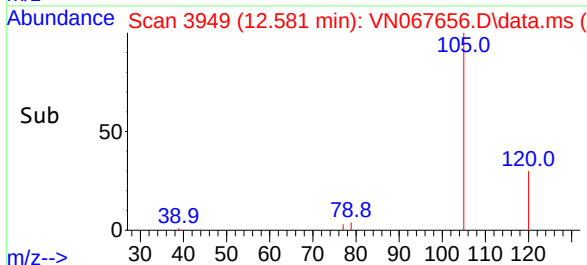
Tgt Ion:152 Resp: 215659
Ion Ratio Lower Upper
152 100
115 64.5 36.1 108.5
150 159.2 0.0 351.8



#73
Isopropylbenzene
Concen: 0.208 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. -0.000 min
Lab File: VN067656.D
Acq: 8 Jul 2021 12:03



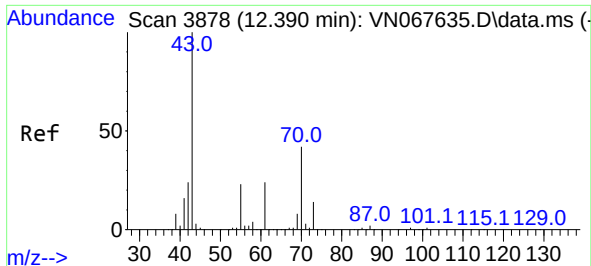
Tgt Ion:105 Resp: 3612
Ion Ratio Lower Upper
105 100
120 21.7 12.5 37.5



Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

Manual Integrations
APPROVED

MMDadoda
7/9/2021 5:43:28 PM



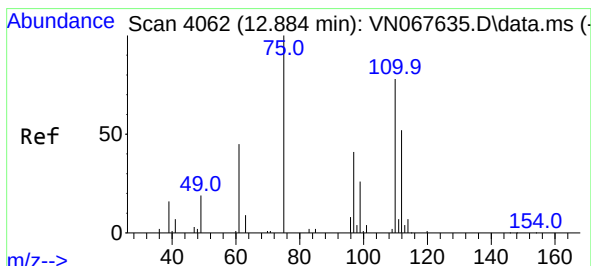
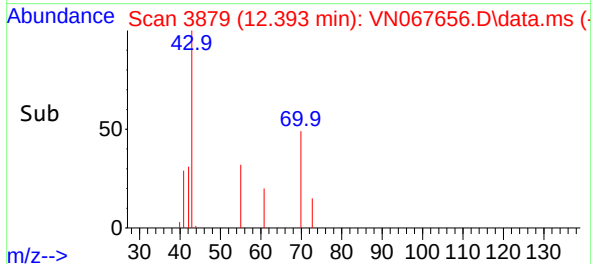
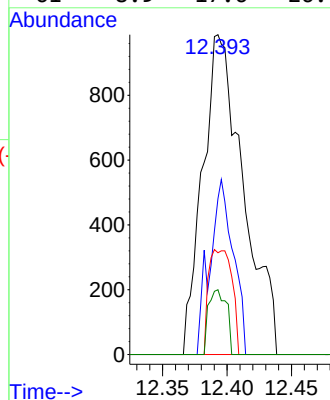
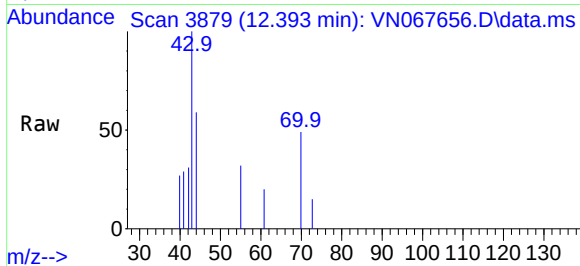
#74
N-amy1 acetate
Concen: 0.344 ug/l
RT: 12.393 min Scan# 3879
Delta R.T. 0.003 min
Lab File: VN067656.D
Acq: 8 Jul 2021 12:03

Tgt Ion:	43	Resp:	2173
Ion	Ratio	Lower	Upper
43	100		
70	31.4	29.4	44.2
55	18.6	17.0	25.4
61	8.9	17.6	26.4#

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

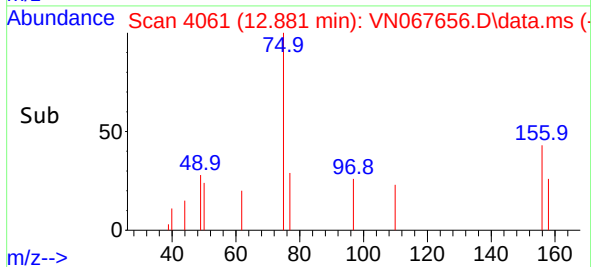
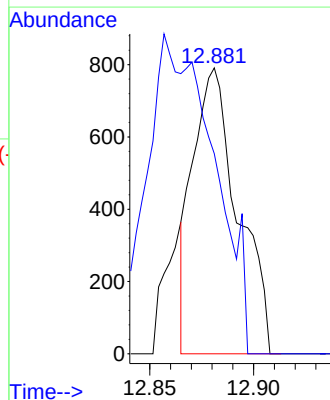
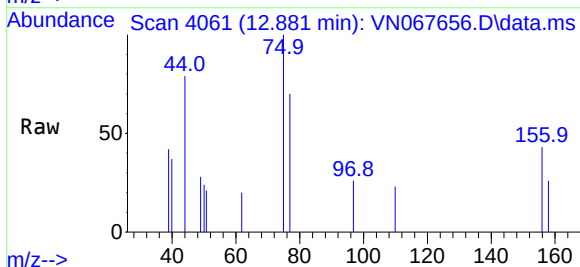
Manual Integrations
APPROVED

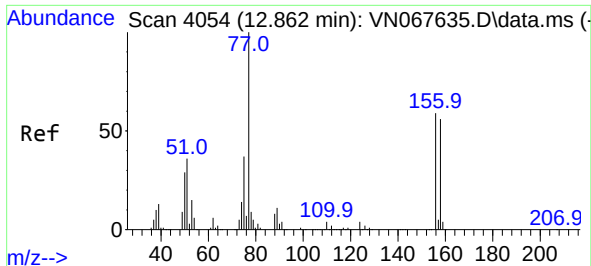
MMDadoda
7/9/2021 5:43:28 PM



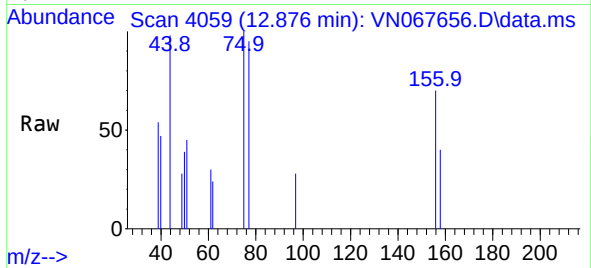
#76
1,2,3-Trichloropropane
Concen: 0.271 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. -0.003 min
Lab File: VN067656.D
Acq: 8 Jul 2021 12:03

Tgt Ion:	75	Resp:	1193
Ion	Ratio	Lower	Upper
75	100		
77	116.9	0.0	0.0#

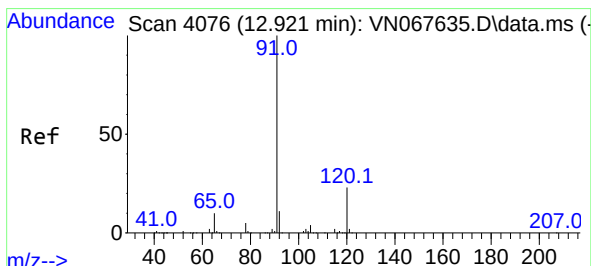
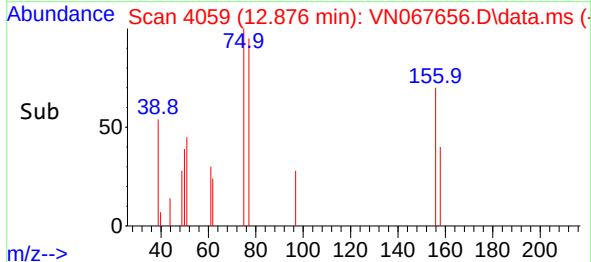
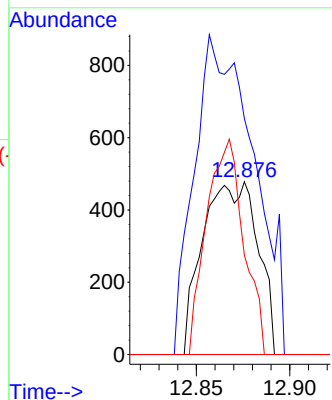




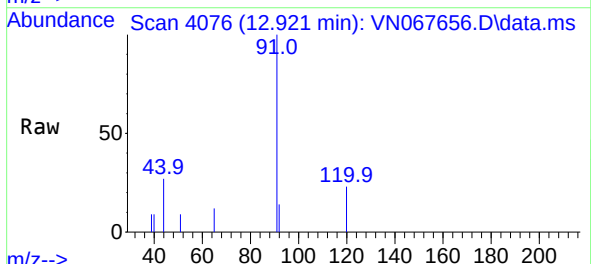
#77
Bromobenzene
Concen: 0.254 ug/l m
RT: 12.876 min Scan# 4059
Delta R.T. 0.014 min
Lab File: VN067656.D
Acq: 8 Jul 2021 12:03



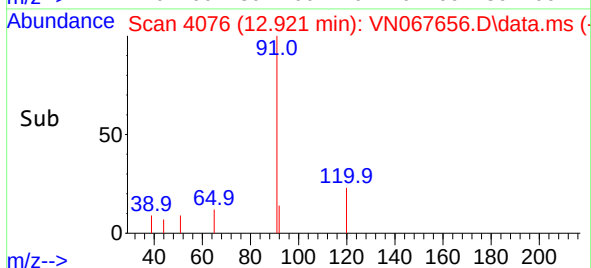
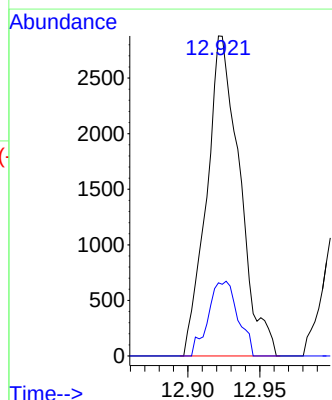
Tgt Ion:156 Resp: 978
Ion Ratio Lower Upper
156 100
77 100.5 136.2 408.6#
158 84.2 48.4 145.3



#78
n-propylbenzene
Concen: 0.234 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN067656.D
Acq: 8 Jul 2021 12:03



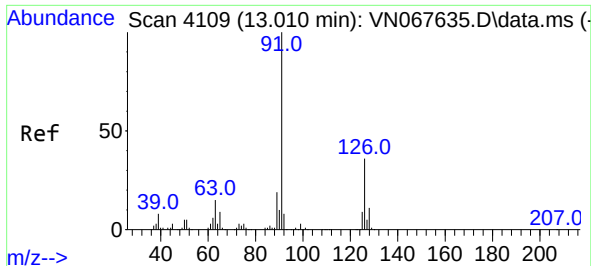
Tgt Ion: 91 Resp: 4607
Ion Ratio Lower Upper
91 100
120 20.8 10.4 31.4



Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

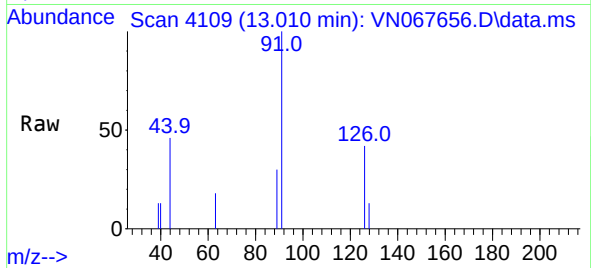
Manual Integrations
APPROVED

MMDadoda
7/9/2021 5:43:28 PM



#79
2-Chlorotoluene
Concen: 0.223 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN067656.D
Acq: 8 Jul 2021 12:03

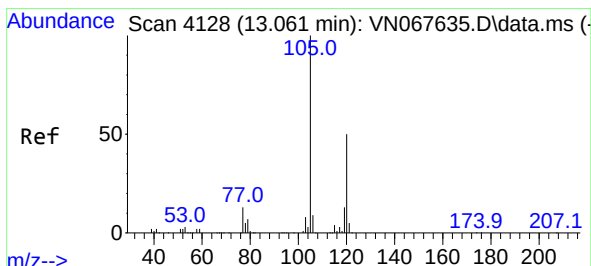
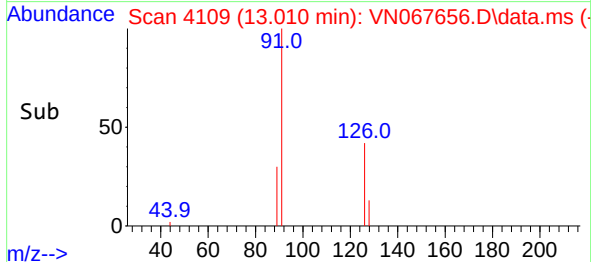
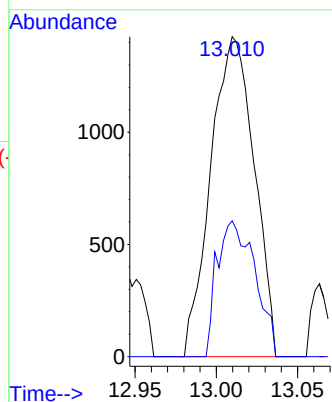
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



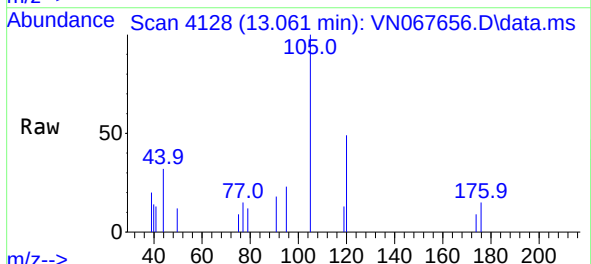
Tgt Ion: 91 Resp: 2656
Ion Ratio Lower Upper
91 100
126 36.9 14.5 43.5

Manual Integrations
APPROVED

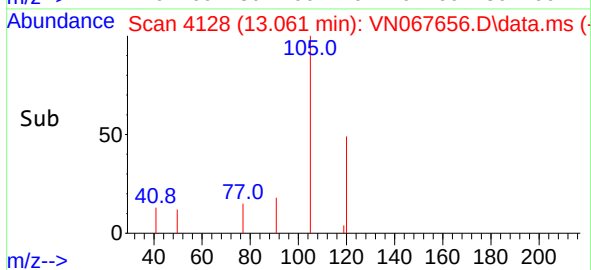
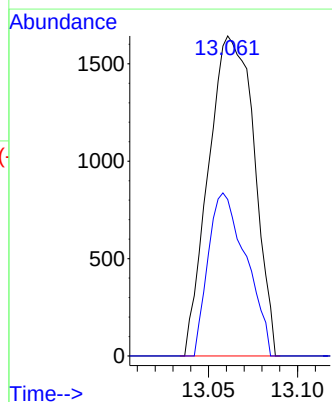
MMDadoda
7/9/2021 5:43:28 PM

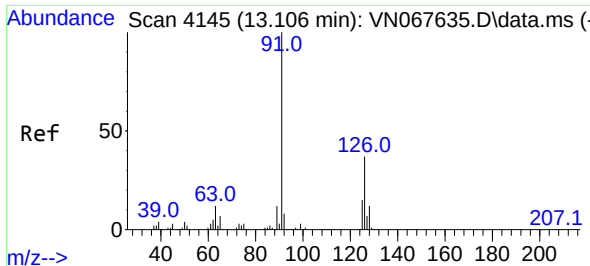


#80
1,3,5-Trimethylbenzene
Concen: 0.208 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN067656.D
Acq: 8 Jul 2021 12:03



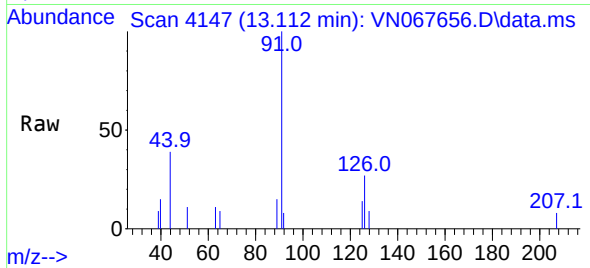
Tgt Ion: 105 Resp: 2926
Ion Ratio Lower Upper
105 100
120 42.5 22.2 66.6





#82
4-Chlorotoluene
Concen: 0.264 ug/l
RT: 13.112 min Scan# 4147
Delta R.T. 0.006 min
Lab File: VN067656.D
Acq: 8 Jul 2021 12:03

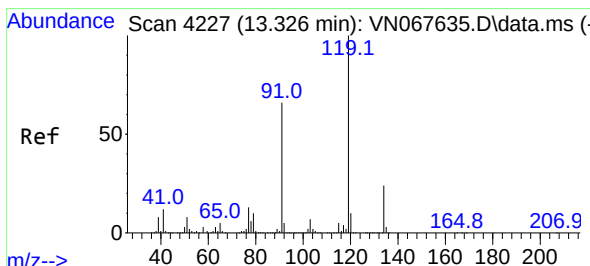
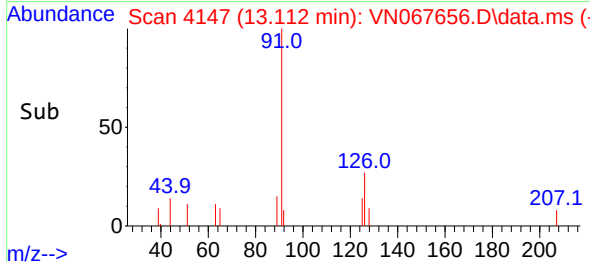
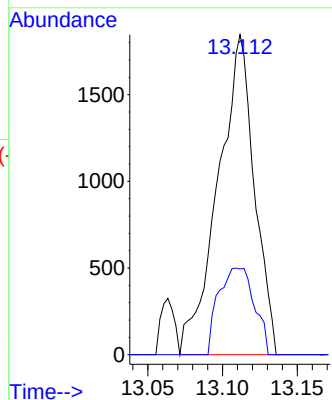
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



Tgt Ion: 91 Resp: 3111
Ion Ratio Lower Upper
91 100
126 26.7 14.8 44.4

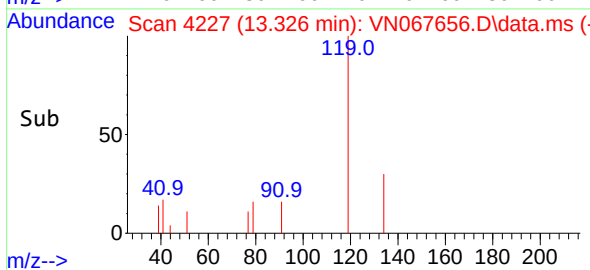
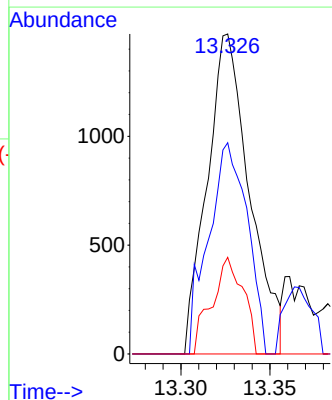
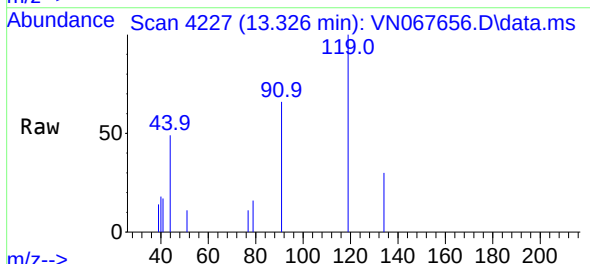
Manual Integrations
APPROVED

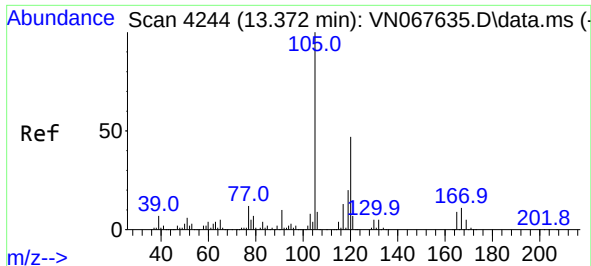
MMDadoda
7/9/2021 5:43:28 PM



#83
tert-Butylbenzene
Concen: 0.203 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN067656.D
Acq: 8 Jul 2021 12:03

Tgt Ion: 119 Resp: 2440
Ion Ratio Lower Upper
119 100
91 60.5 39.5 118.5
134 22.4 12.0 36.0





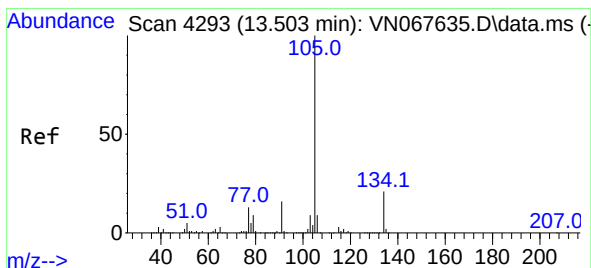
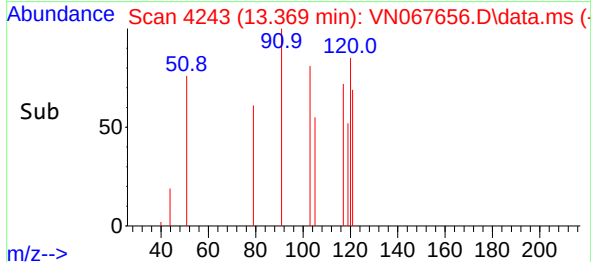
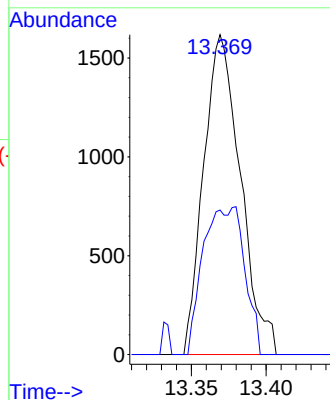
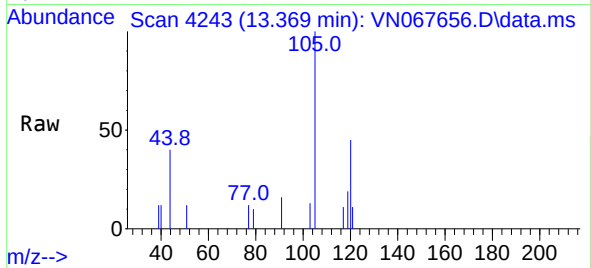
#84
1,2,4-Trimethylbenzene
Concen: 0.201 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. -0.003 min
Lab File: VN067656.D
Acq: 8 Jul 2021 12:03

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

Tgt Ion:105 Resp: 2774
Ion Ratio Lower Upper
105 100
120 28.5 20.6 61.8

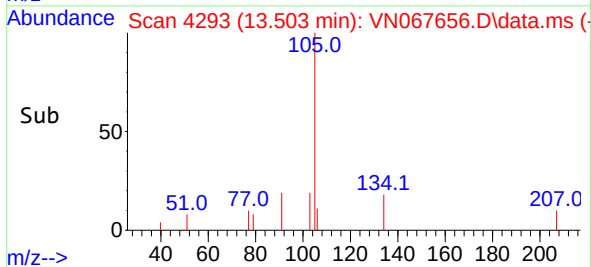
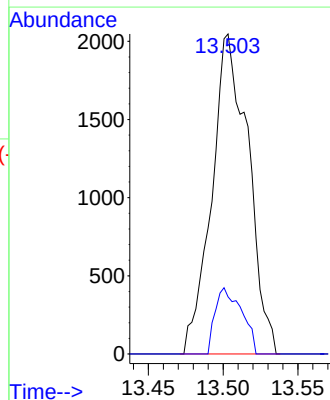
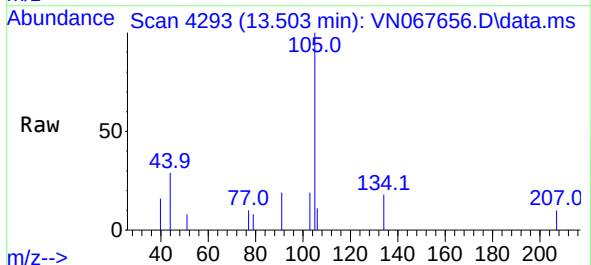
Manual Integrations
APPROVED

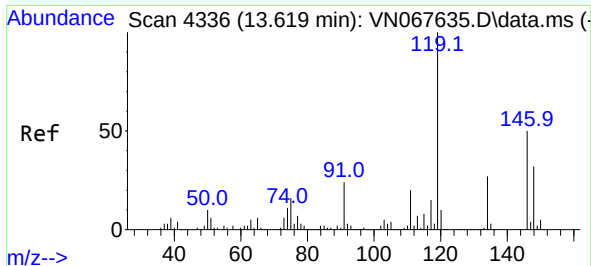
MMDadoda
7/9/2021 5:43:28 PM



#85
sec-Butylbenzene
Concen: 0.209 ug/l
RT: 13.503 min Scan# 4293
Delta R.T. 0.000 min
Lab File: VN067656.D
Acq: 8 Jul 2021 12:03

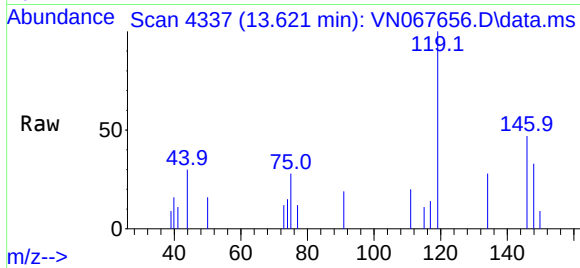
Tgt Ion:105 Resp: 3478
Ion Ratio Lower Upper
105 100
134 15.0 9.0 27.1





#86
p-Isopropyltoluene
Concen: 0.209 ug/l
RT: 13.621 min Scan# 4337
Delta R.T. 0.002 min
Lab File: VN067656.D
Acq: 8 Jul 2021 12:03

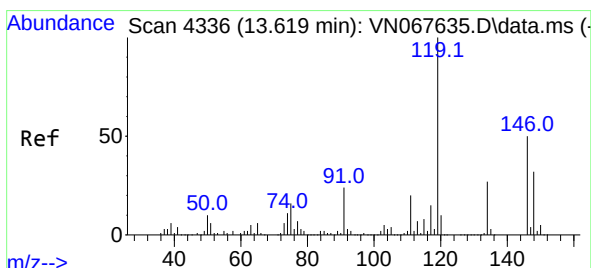
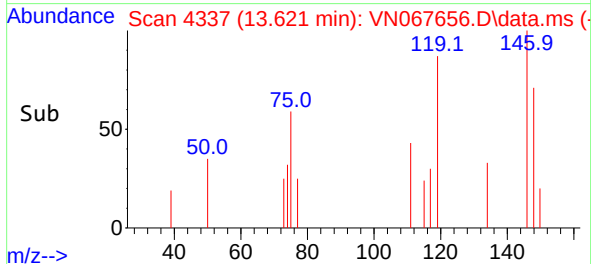
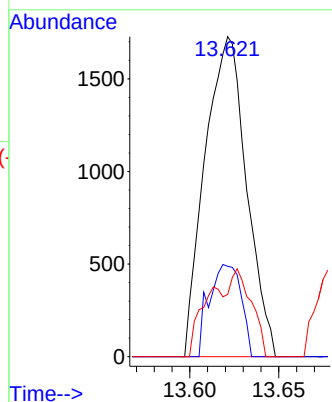
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



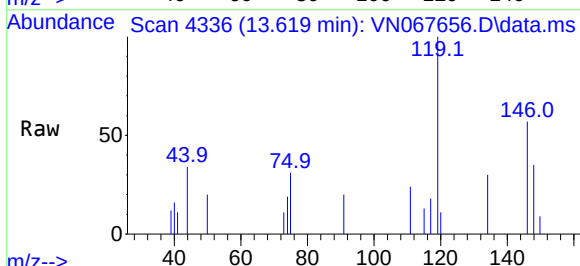
Tgt Ion:119 Resp: 2804
Ion Ratio Lower Upper
119 100
134 21.9 12.4 37.4
91 15.3 14.8 44.3

Manual Integrations
APPROVED

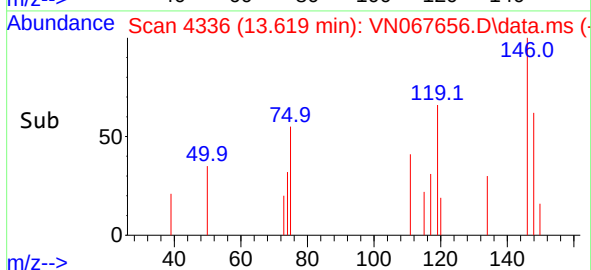
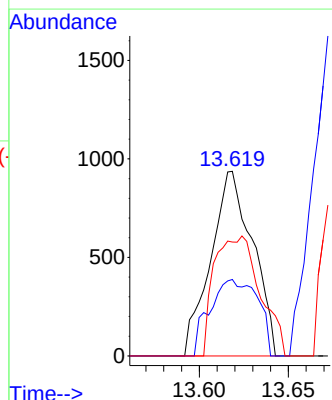
MMDadoda
7/9/2021 5:43:28 PM

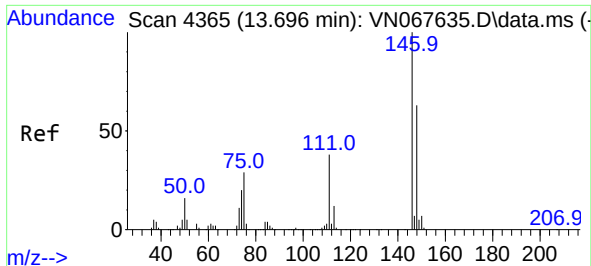


#87
1,3-Dichlorobenzene
Concen: 0.216 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. -0.000 min
Lab File: VN067656.D
Acq: 8 Jul 2021 12:03



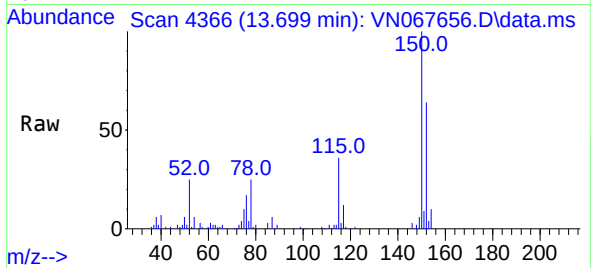
Tgt Ion:146 Resp: 1540
Ion Ratio Lower Upper
146 100
111 47.1 24.3 72.8
148 70.3 32.0 96.0





#88
1,4-Dichlorobenzene
Concen: 0.304 ug/l m
RT: 13.699 min Scan# 4366
Delta R.T. 0.003 min
Lab File: VN067656.D
Acq: 8 Jul 2021 12:03

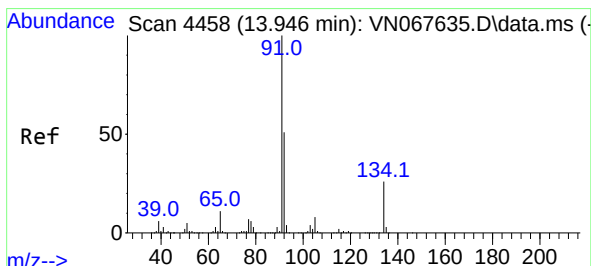
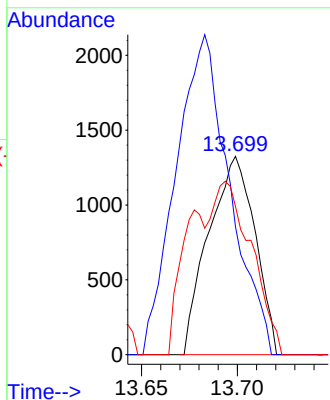
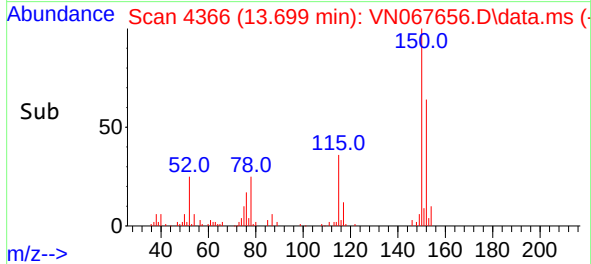
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



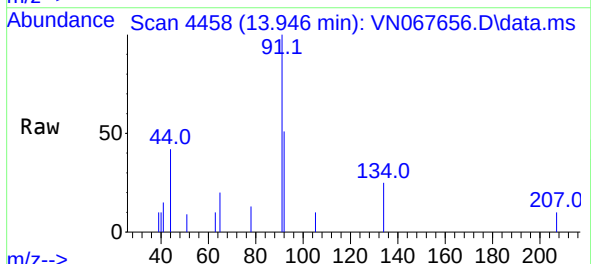
Tgt Ion:146 Resp: 2222
Ion Ratio Lower Upper
146 100
111 32.7 23.4 70.2
148 48.7 31.8 95.3

Manual Integrations
APPROVED

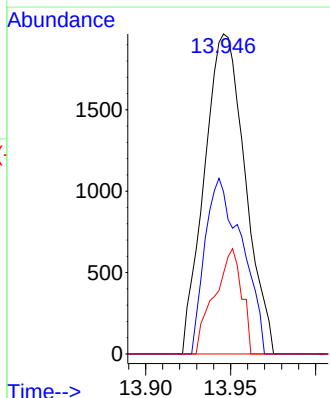
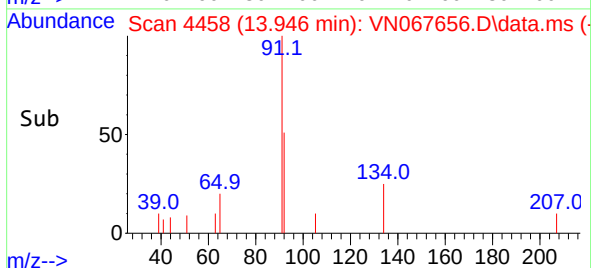
MMDadoda
7/9/2021 5:43:28 PM

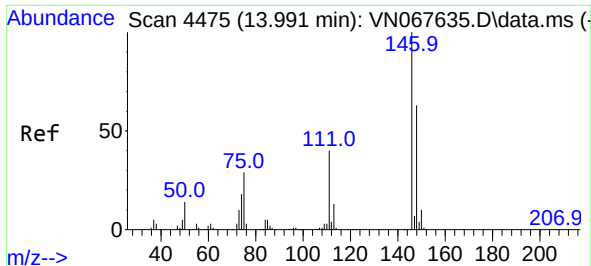


#89
n-Butylbenzene
Concen: 0.285 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. -0.000 min
Lab File: VN067656.D
Acq: 8 Jul 2021 12:03



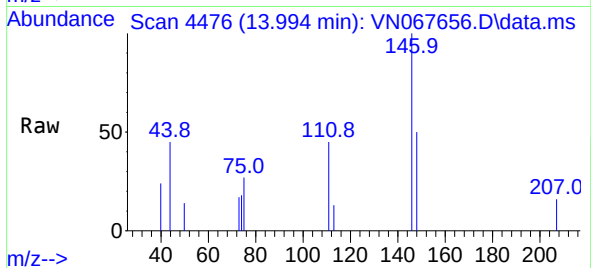
Tgt Ion: 91 Resp: 3279
Ion Ratio Lower Upper
91 100
92 50.0 25.7 77.1
134 21.9 11.2 33.6





#91
1,2-Dichlorobenzene
Concen: 0.292 ug/l
RT: 13.994 min Scan# 4476
Delta R.T. 0.003 min
Lab File: VN067656.D
Acq: 8 Jul 2021 12:03

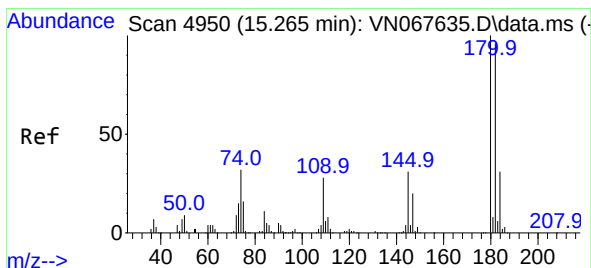
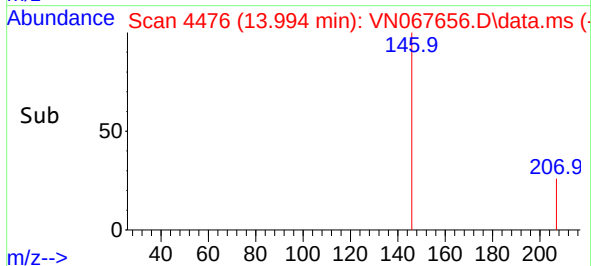
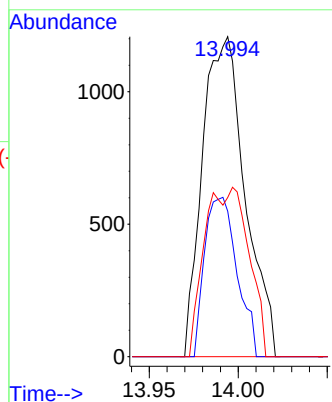
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



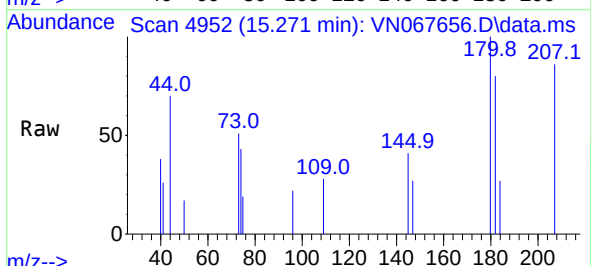
Tgt Ion:146 Resp: 2011
Ion Ratio Lower Upper
146 100
111 37.8 24.9 74.6
148 25.8 31.6 95.0#

Manual Integrations
APPROVED

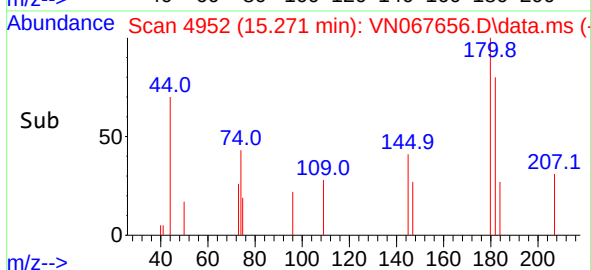
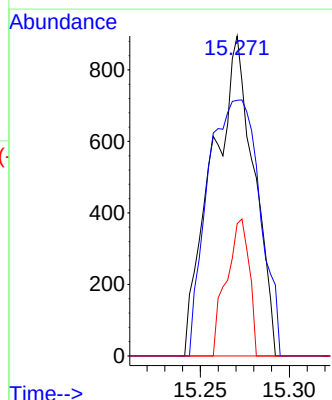
MMDadoda
7/9/2021 5:43:28 PM

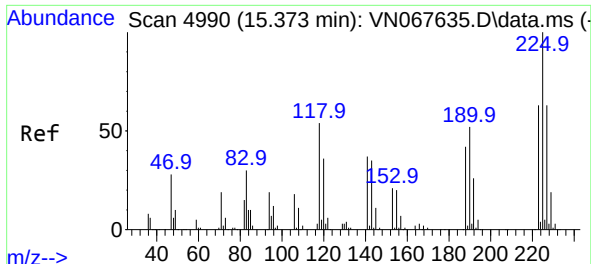


#93
1,2,4-Trichlorobenzene
Concen: 0.492 ug/l
RT: 15.271 min Scan# 4952
Delta R.T. 0.006 min
Lab File: VN067656.D
Acq: 8 Jul 2021 12:03

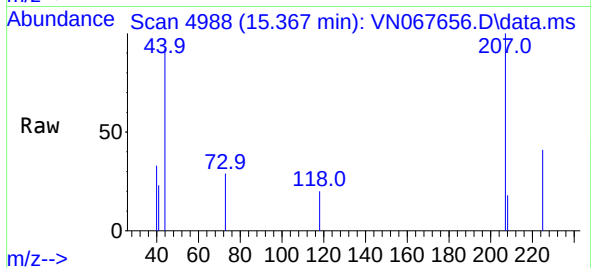


Tgt Ion:180 Resp: 1461
Ion Ratio Lower Upper
180 100
182 99.2 47.5 142.5
145 23.1 17.2 51.6

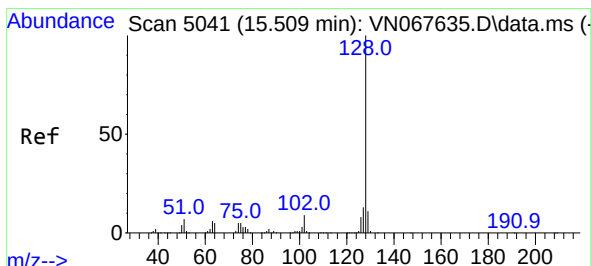
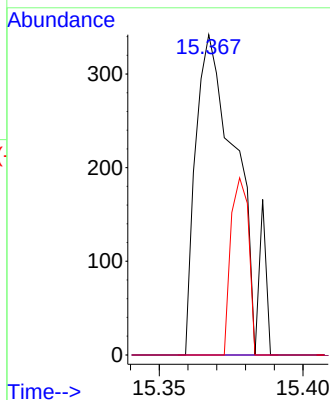
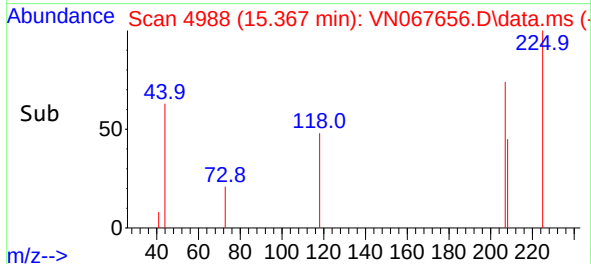




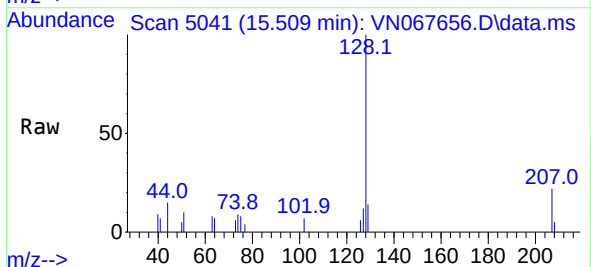
#94
Hexachlorobutadiene
Concen: 0.239 ug/l
RT: 15.367 min Scan# 4988
Delta R.T. -0.006 min
Lab File: VN067656.D
Acq: 8 Jul 2021 12:03



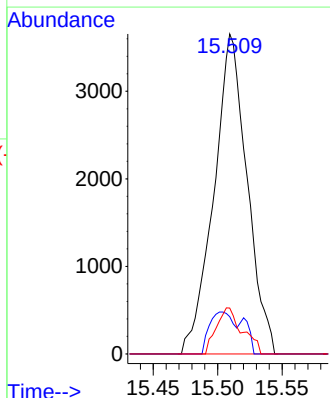
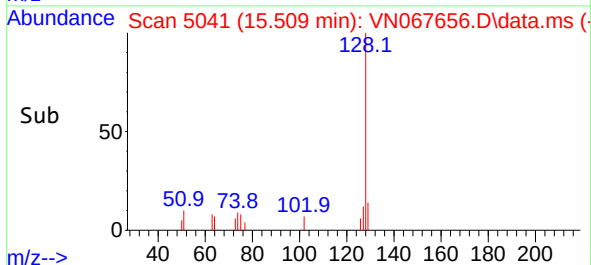
Tgt Ion:225 Resp: 346
Ion Ratio Lower Upper
225 100
223 0.0 31.4 94.0#
227 23.4 31.2 93.6#



#95
Naphthalene
Concen: 0.781 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN067656.D
Acq: 8 Jul 2021 12:03



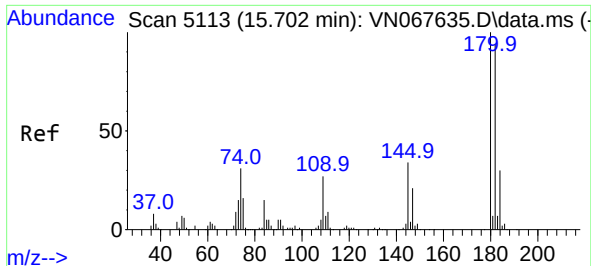
Tgt Ion:128 Resp: 6537
Ion Ratio Lower Upper
128 100
127 9.5 10.6 15.8#
129 11.2 8.6 12.8



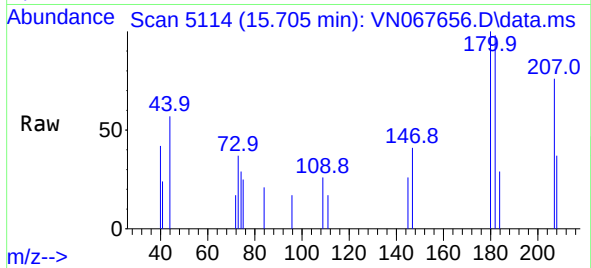
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

Manual Integrations
APPROVED

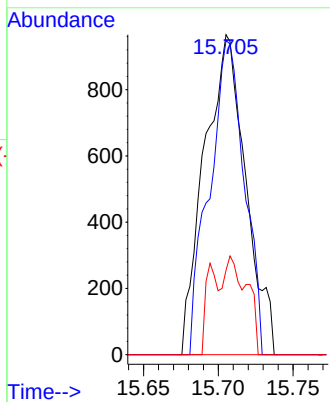
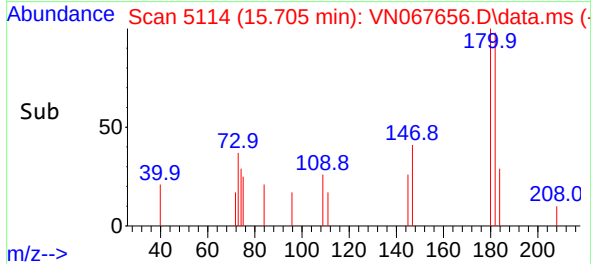
MMDadoda
7/9/2021 5:43:28 PM



#96
 1,2,3-Trichlorobenzene
 Concen: 0.647 ug/l
 RT: 15.705 min Scan# 5114
 Delta R.T. 0.003 min
 Lab File: VN067656.D
 Acq: 8 Jul 2021 12:03



Tgt Ion:180 Resp: 1855
 Ion Ratio Lower Upper
 180 100
 182 83.0 47.8 143.3
 145 16.0 18.2 54.6#



Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2021

Manual Integrations
 APPROVED

MMDadoda
 7/9/2021 5:43:28 PM