

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032822\
 Data File : VN071617.D
 Acq On : 28 Mar 2022 21:09
 Operator : JC\MD
 Sample : N1645-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2022

Quant Time: Mar 29 10:14:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 29 10:12:32 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/29/2022
 Supervised By : Mahesh Dadoda 03/30/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	644811	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1037856	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	896793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	313855	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	409479	52.963	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.920%			
35) Dibromofluoromethane	8.016	113	328401	51.522	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.040%			
50) Toluene-d8	10.439	98	1327030	50.473	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.940%			
62) 4-Bromofluorobenzene	12.727	95	386778	45.094	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 90.180%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	16027	2.537	ug/l	99
3) Chloromethane	2.299	50	21816	2.935	ug/l	98
4) Vinyl Chloride	2.440	62	22027	2.667	ug/l	97
5) Bromomethane	2.852	94	18384	3.789	ug/l	99
6) Chloroethane	3.010	64	17524	2.936	ug/l	98
7) Trichlorofluoromethane	3.369	101	25821	2.624	ug/l	98
8) Diethyl Ether	3.822	74	10845	2.648	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.210	101	15596	2.608	ug/l	99
10) Methyl Iodide	4.422	142	20744	2.352	ug/l	99
11) Tert butyl alcohol	5.357	59	15385	11.270	ug/l	99
12) 1,1-Dichloroethene	4.181	96	15165	2.620	ug/l	95
13) Acrolein	4.051	56	16470	14.459	ug/l	98
14) Allyl chloride	4.840	41	22768	2.465	ug/l	97
15) Acrylonitrile	5.557	53	45958	12.054	ug/l	99
16) Acetone	4.287	43	39908	12.521	ug/l	92
17) Carbon Disulfide	4.528	76	37804	2.623	ug/l	97
18) Methyl Acetate	4.857	43	26398	3.228	ug/l	99
19) Methyl tert-butyl Ether	5.616	73	50913	2.409	ug/l	91
20) Methylene Chloride	5.087	84	18251	2.591	ug/l #	91
21) trans-1,2-Dichloroethene	5.598	96	16207	2.618	ug/l	95
22) Diisopropyl ether	6.487	45	49011	2.482	ug/l	92
23) Vinyl Acetate	6.428	43	194474	11.673	ug/l	96
24) 1,1-Dichloroethane	6.387	63	29668	2.523	ug/l	96
25) 2-Butanone	7.334	43	57548	11.600	ug/l	96
26) 2,2-Dichloropropane	7.328	77	23815	2.356	ug/l	96
27) cis-1,2-Dichloroethene	7.322	96	19582	2.574	ug/l	99
28) Bromochloromethane	7.657	49	11882	2.501	ug/l	91
29) Tetrahydrofuran	7.687	42	40803	12.670	ug/l	98
30) Chloroform	7.810	83	31318	2.598	ug/l	99
31) Cyclohexane	8.087	56	37063	3.433	ug/l #	70
32) 1,1,1-Trichloroethane	8.010	97	26559	2.540	ug/l	96
36) 1,1-Dichloropropene	8.222	75	22348	2.439	ug/l	97
37) Ethyl Acetate	7.404	43	25215	2.517	ug/l	98
38) Carbon Tetrachloride	8.198	117	22717	2.502	ug/l	94
39) Methylcyclohexane	9.457	83	25330	2.235	ug/l	94
40) Benzene	8.457	78	71847	2.554	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	11806	2.423	ug/l	95
42) 1,2-Dichloroethane	8.528	62	26441	2.719	ug/l	100
43) Isopropyl Acetate	8.557	43	43236	2.432	ug/l	93
44) Trichloroethene	9.210	130	19419	2.626	ug/l	100
45) 1,2-Dichloropropane	9.481	63	17217	2.484	ug/l	100
46) Dibromomethane	9.569	93	12146	2.561	ug/l	97
47) Bromodichloromethane	9.757	83	22621	2.420	ug/l	97
48) Methyl methacrylate	9.557	41	16625	2.304	ug/l	97
49) 1,4-Dioxane	9.569	88	7585	47.740	ug/l	92
51) 4-Methyl-2-Pentanone	10.328	43	110532	11.251	ug/l	100
52) Toluene	10.504	92	44752	2.474	ug/l	98
53) t-1,3-Dichloropropene	10.710	75	21903	2.156	ug/l	93
54) cis-1,3-Dichloropropene	10.186	75	23979	2.169	ug/l	92
55) 1,1,2-Trichloroethane	10.892	97	17783	2.441	ug/l	96
56) Ethyl methacrylate	10.751	69	23029	2.115	ug/l	95
57) 1,3-Dichloropropane	11.039	76	30514	2.509	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.033	63	21653	7.739	ug/l	98
59) 2-Hexanone	11.080	43	76070	10.824	ug/l	98
60) Dibromochloromethane	11.233	129	16333	2.236	ug/l	98
61) 1,2-Dibromoethane	11.339	107	17615	2.388	ug/l	97
64) Tetrachloroethene	10.969	164	15907	2.563	ug/l	96
65) Chlorobenzene	11.763	112	47716	2.550	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.833	131	16754	2.495	ug/l	98
67) Ethyl Benzene	11.839	91	76313	2.362	ug/l	97
68) m/p-Xylenes	11.951	106	55263	4.503	ug/l	97
69) o-Xylene	12.274	106	26749	2.169	ug/l	90
70) Styrene	12.292	104	39350	2.090	ug/l	99
71) Bromoform	12.457	173	11986	2.268	ug/l #	97
73) Isopropylbenzene	12.574	105	67499	2.459	ug/l	96
74) N-amyl acetate	12.380	43	18655	2.238	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.816	83	27449	2.987	ug/l	96
76) 1,2,3-Trichloropropane	12.874	75	19057m	2.529	ug/l	
77) Bromobenzene	12.857	156	19091	2.765	ug/l	97
78) n-propylbenzene	12.916	91	71461	2.414	ug/l	100
79) 2-Chlorotoluene	13.004	91	48279	2.605	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	54091	2.496	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.622	75	5491m	2.103	ug/l	
82) 4-Chlorotoluene	13.098	91	42567	2.462	ug/l	99
83) tert-Butylbenzene	13.321	119	48072	2.417	ug/l	95
84) 1,2,4-Trimethylbenzene	13.363	105	48656	2.292	ug/l	94
85) sec-Butylbenzene	13.498	105	60892	2.317	ug/l	98
86) p-Isopropyltoluene	13.610	119	44881	2.150	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	27875	2.501	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	28122	2.542	ug/l	90
89) n-Butylbenzene	13.939	91	32247	2.044	ug/l	99
90) Hexachloroethane	14.198	117	9169	2.339	ug/l	95
91) 1,2-Dichlorobenzene	13.980	146	26902	2.464	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	3393	2.136	ug/l	83
93) 1,2,4-Trichlorobenzene	15.263	180	8530	1.769	ug/l	96
94) Hexachlorobutadiene	15.368	225	8230	2.708	ug/l	98
95) Naphthalene	15.504	128	17515	1.333	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	7291	1.510	ug/l	93

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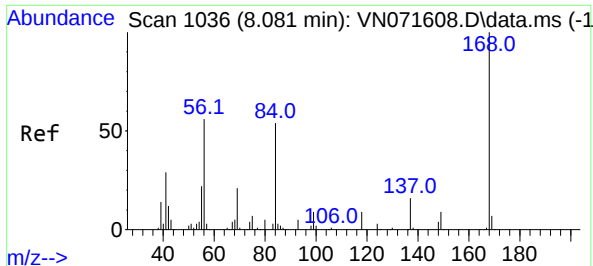
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 03/30/2022

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Quant Title : SW846 8260
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Response via : Initial Calibration

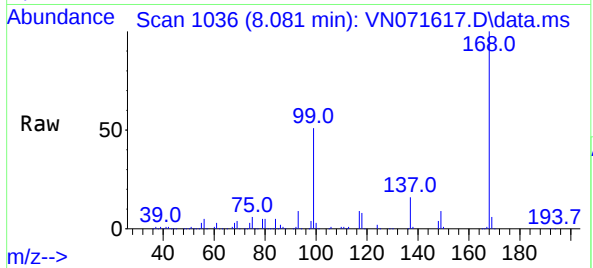
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09

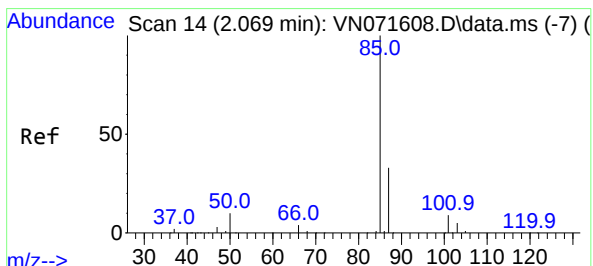
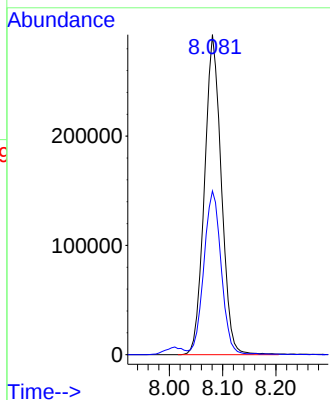
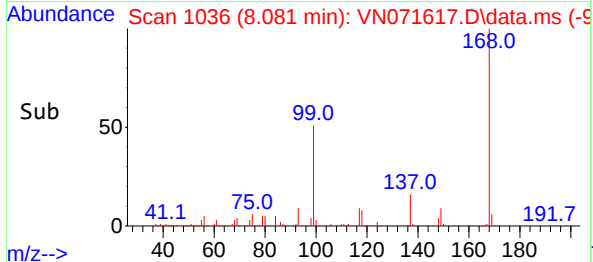
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



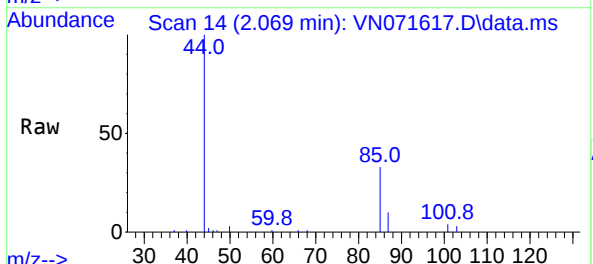
Tgt Ion:168 Resp: 64481
Ion Ratio Lower Upper
168 100
99 50.9 42.3 63.5

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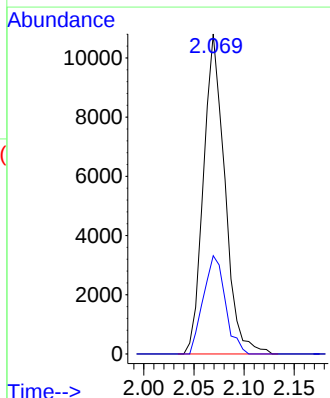
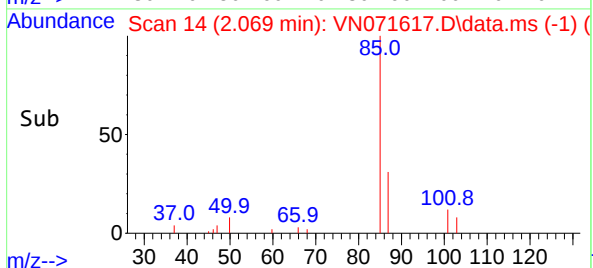
Reviewed By :John Carlone 03/29/2022
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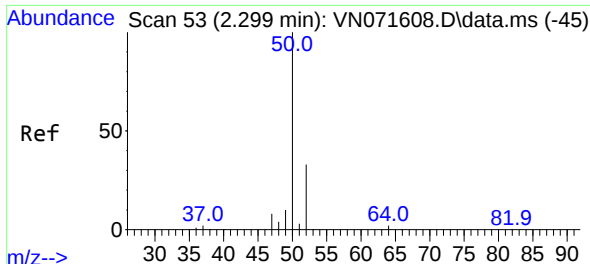


#2
Dichlorodifluoromethane
Concen: 2.537 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09



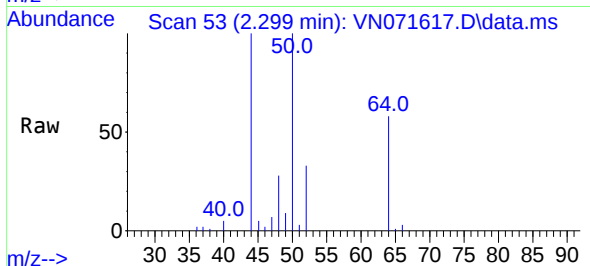
Tgt Ion: 85 Resp: 16027
Ion Ratio Lower Upper
85 100
87 30.7 15.7 47.1





#3
Chloromethane
Concen: 2.935 ug/l
RT: 2.299 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09

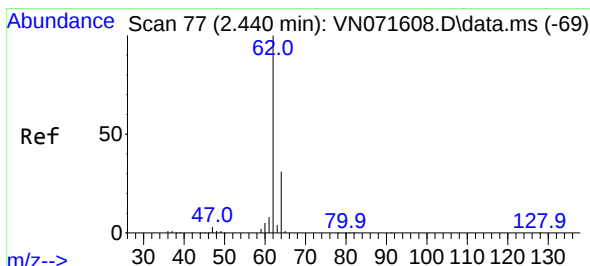
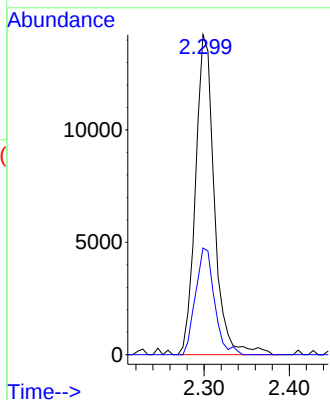
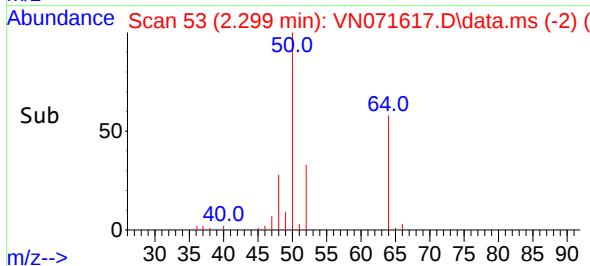
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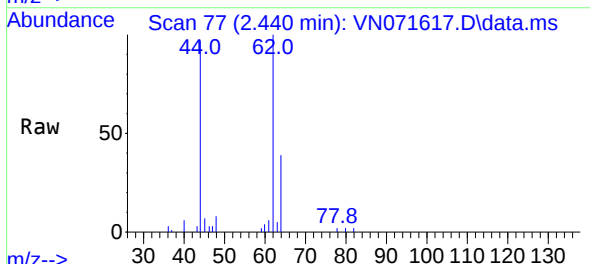
Tgt Ion: 50 Resp: 21810
Ion Ratio Lower Upper
50 100
52 33.4 25.7 38.5

Manual Integrations
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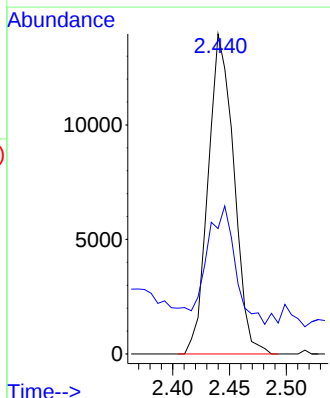
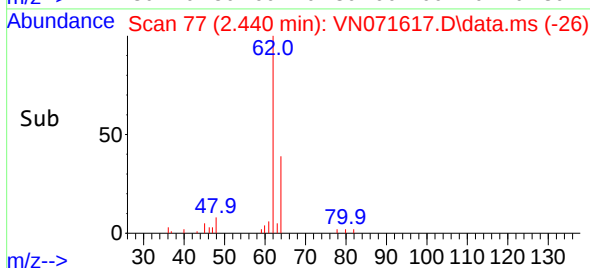
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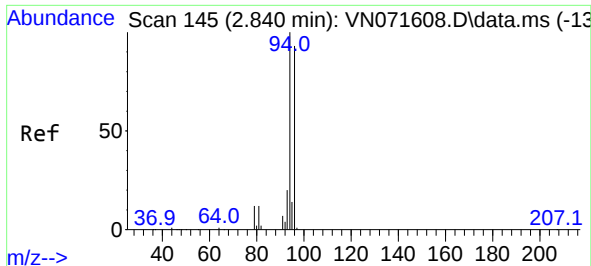


#4
Vinyl Chloride
Concen: 2.667 ug/l
RT: 2.440 min Scan# 77
Delta R.T. 0.000 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09



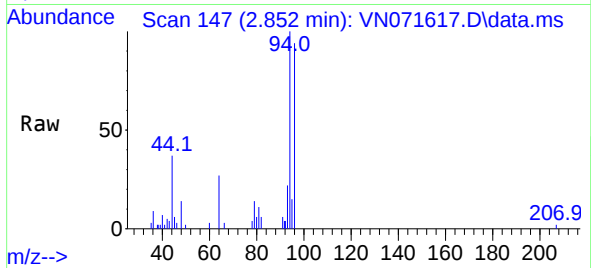
Tgt Ion: 62 Resp: 22027
Ion Ratio Lower Upper
62 100
64 29.6 25.0 37.4





#5
Bromomethane
Concen: 3.789 ug/l
RT: 2.852 min Scan# 145
Delta R.T. 0.012 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09

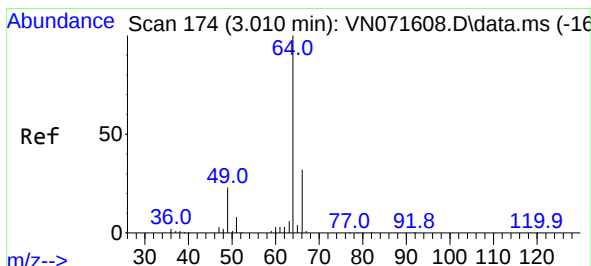
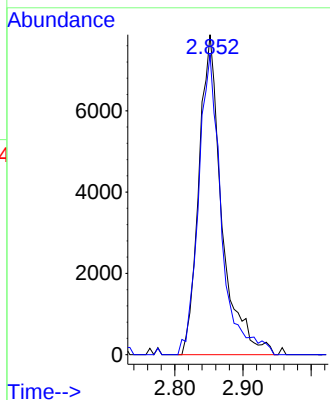
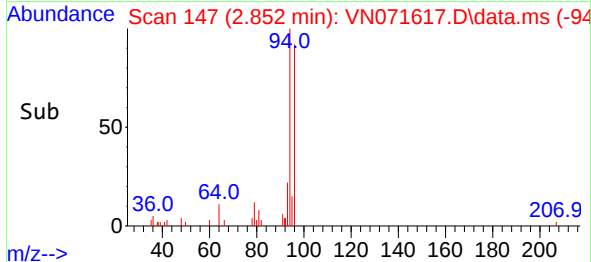
Instrument :
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Tgt Ion: 94 Resp: 18384
Ion Ratio Lower Upper
94 100
96 93.9 76.0 114.0

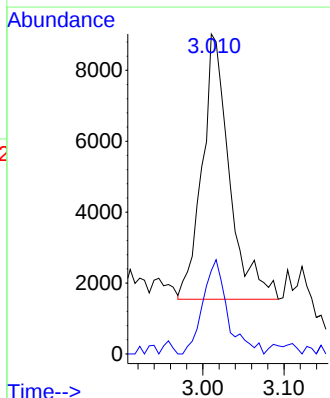
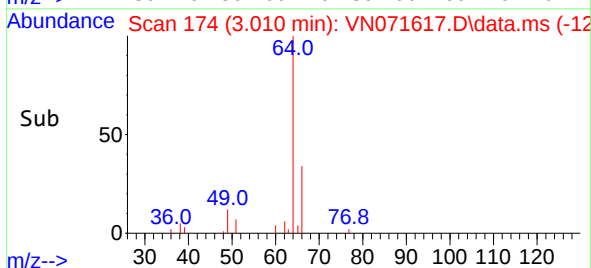
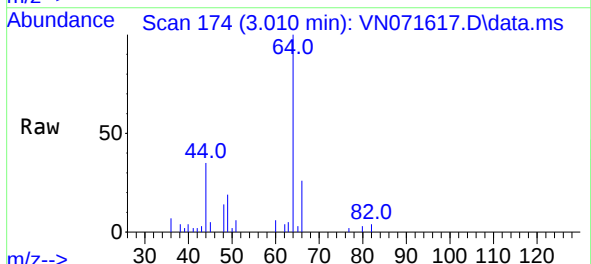
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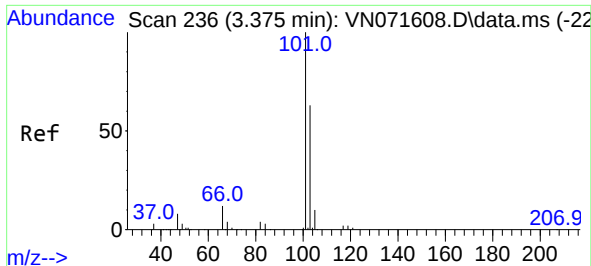
Reviewed By :John Carlone 03/29/2022
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#6
Chloroethane
Concen: 2.936 ug/l
RT: 3.010 min Scan# 174
Delta R.T. 0.000 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09

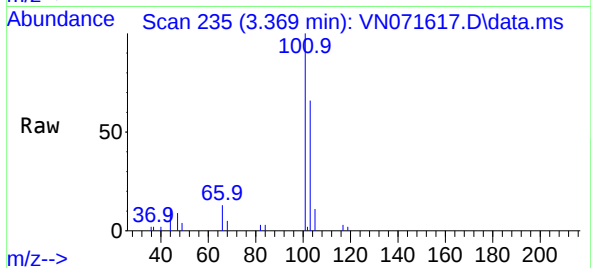
Tgt Ion: 64 Resp: 17524
Ion Ratio Lower Upper
64 100
66 31.4 26.2 39.4





#7
Trichlorofluoromethane
Concen: 2.624 ug/l
RT: 3.369 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09

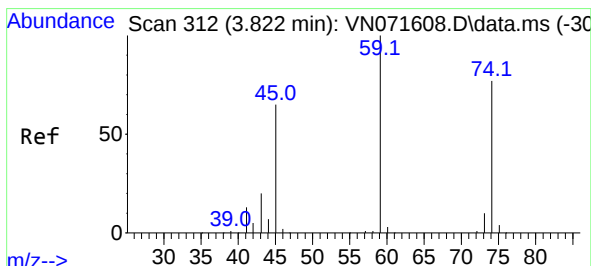
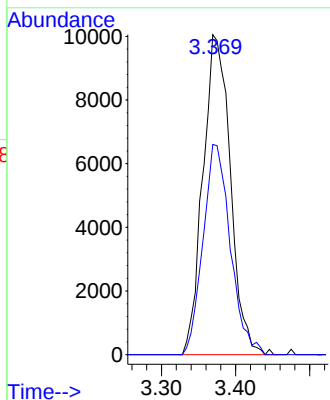
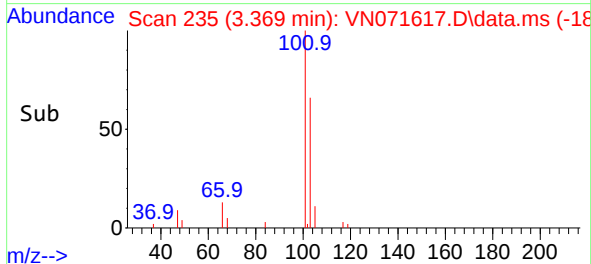
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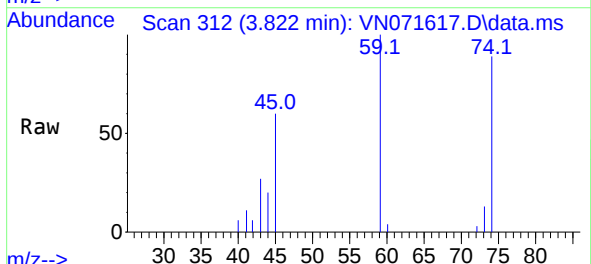
Tgt Ion:101 Resp: 2582
Ion Ratio Lower Upper
101 100
103 65.7 51.5 77.3

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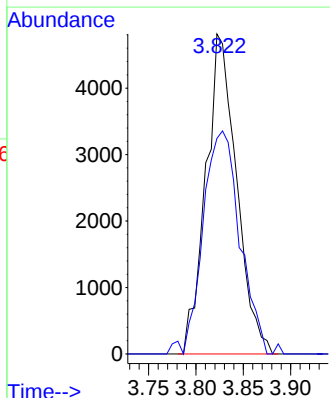
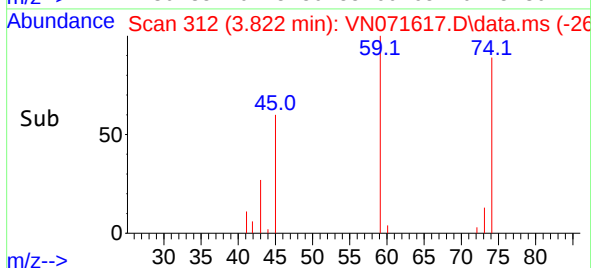
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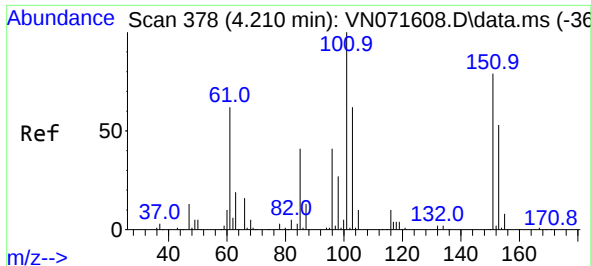


#8
Diethyl Ether
Concen: 2.648 ug/l
RT: 3.822 min Scan# 312
Delta R.T. 0.000 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09



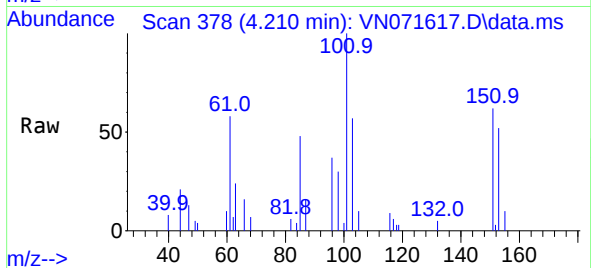
Tgt Ion: 74 Resp: 10845
Ion Ratio Lower Upper
74 100
45 83.8 42.9 128.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.608 ug/l
RT: 4.210 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09

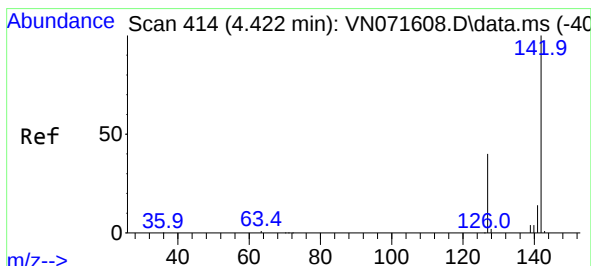
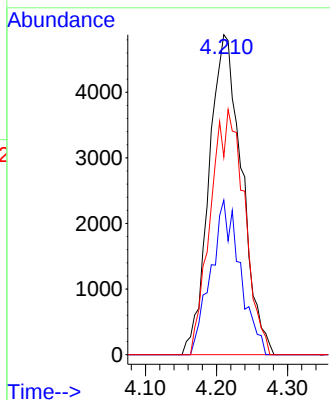
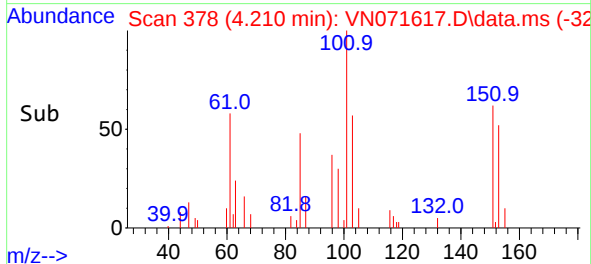
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



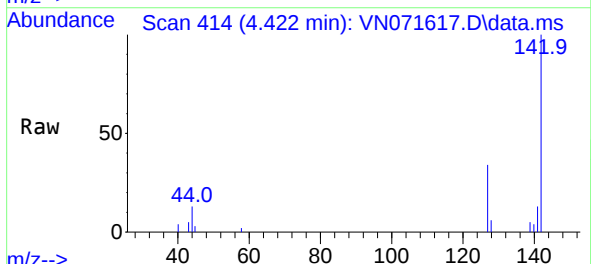
Tgt Ion:101 Resp: 15590
Ion Ratio Lower Upper
101 100
85 43.2 34.7 52.1
151 79.4 63.0 94.4

Manual Integrations
APPROVED

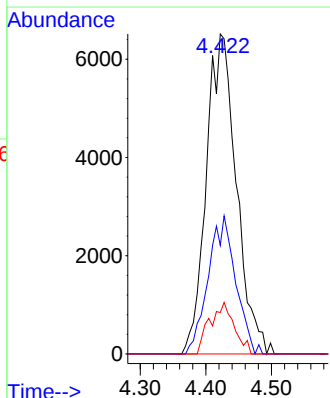
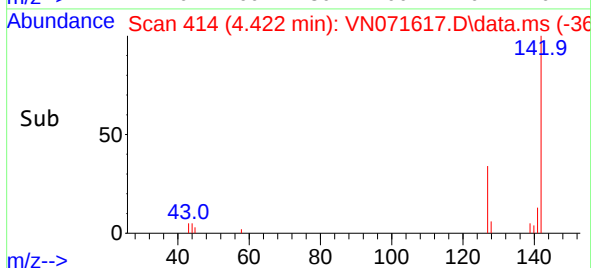
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

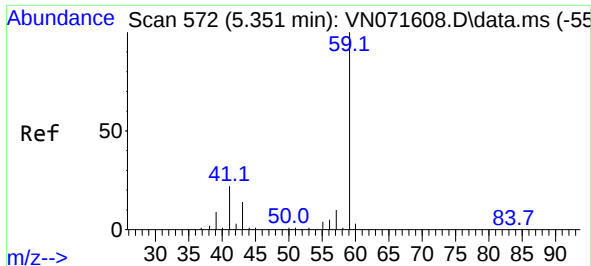


#10
Methyl Iodide
Concen: 2.352 ug/l
RT: 4.422 min Scan# 414
Delta R.T. 0.000 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09



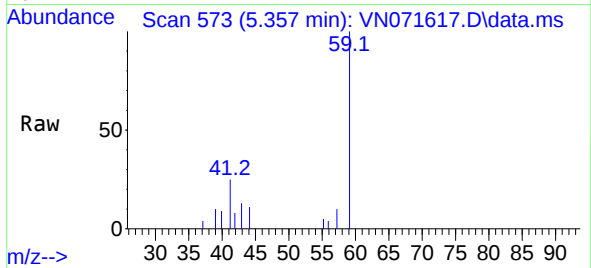
Tgt Ion:142 Resp: 20744
Ion Ratio Lower Upper
142 100
127 39.5 31.3 46.9
141 13.1 11.2 16.8





#11
Tert butyl alcohol
Concen: 11.270 ug/l
RT: 5.357 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09

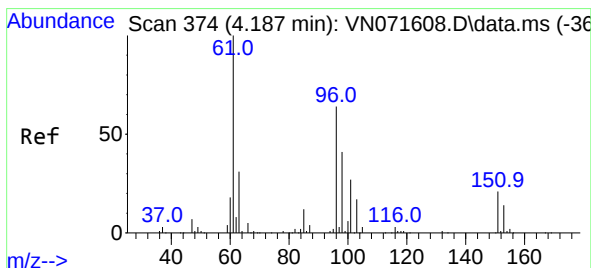
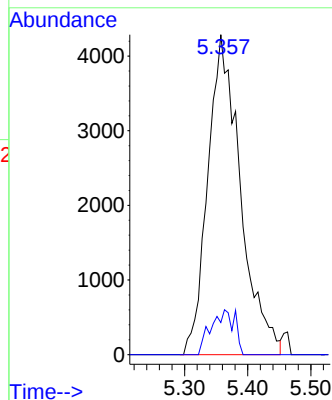
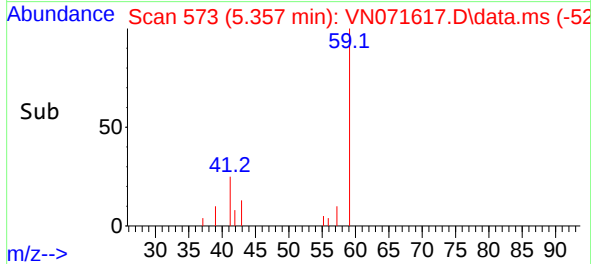
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



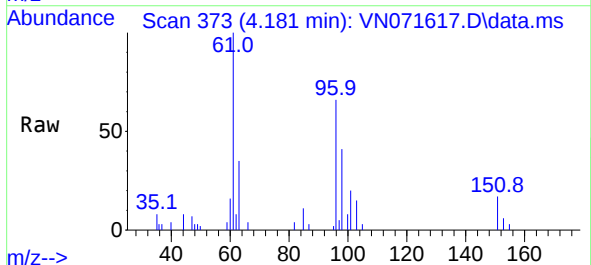
Tgt Ion: 59 Resp: 1538
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

Manual Integrations
APPROVED

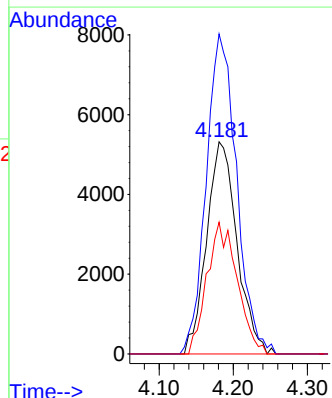
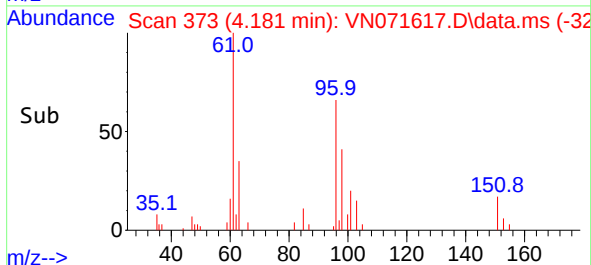
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

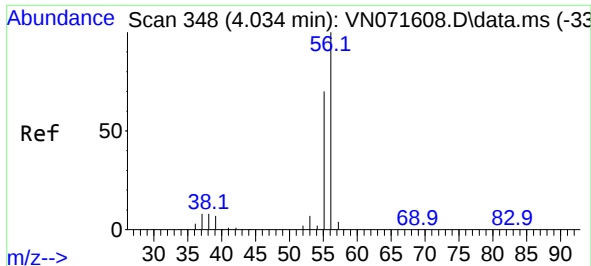


#12
1,1-Dichloroethene
Concen: 2.620 ug/l
RT: 4.181 min Scan# 373
Delta R.T. -0.006 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09



Tgt Ion: 96 Resp: 15165
Ion Ratio Lower Upper
96 100
61 150.8 127.6 191.4
98 62.0 51.2 76.8





#13

Acrolein

Concen: 14.459 ug/l

RT: 4.051 min Scan# 3

Delta R.T. 0.018 min

Lab File: VN071617.D

Acq: 28 Mar 2022 21:09

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2022

Tgt Ion: 56 Resp: 16470

Ion Ratio Lower Upper

56 100

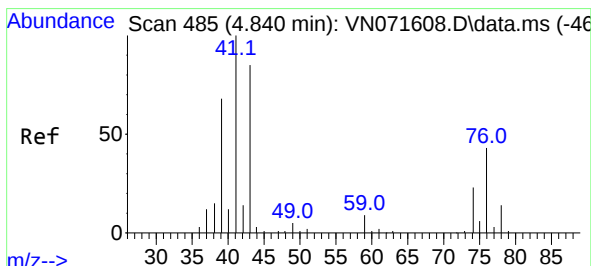
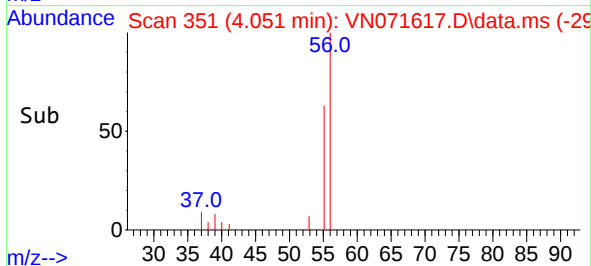
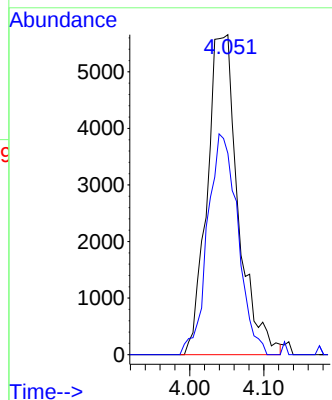
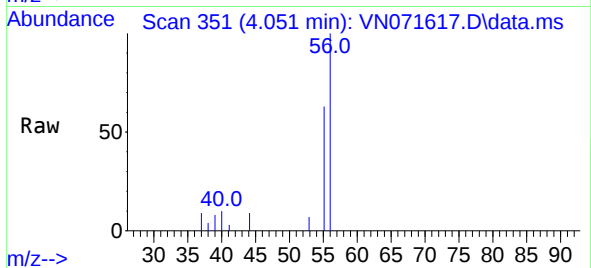
55 67.1 54.8 82.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2022

Supervised By :Mahesh Dadoda 03/30/2022



#14

Allyl chloride

Concen: 2.465 ug/l

RT: 4.840 min Scan# 485

Delta R.T. 0.000 min

Lab File: VN071617.D

Acq: 28 Mar 2022 21:09

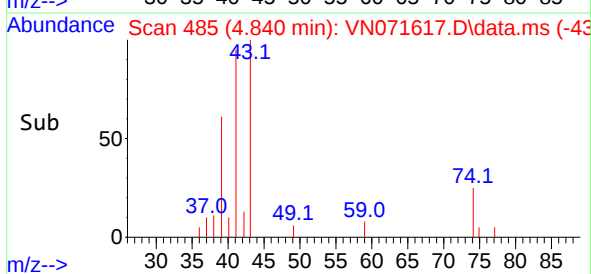
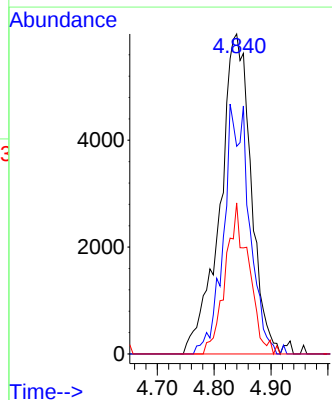
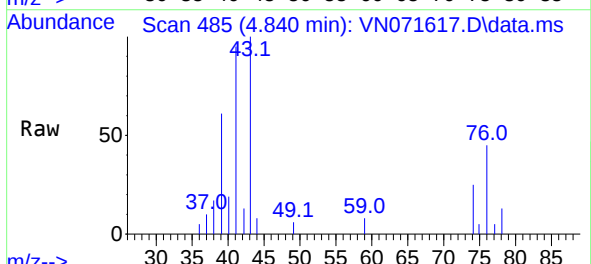
Tgt Ion: 41 Resp: 22768

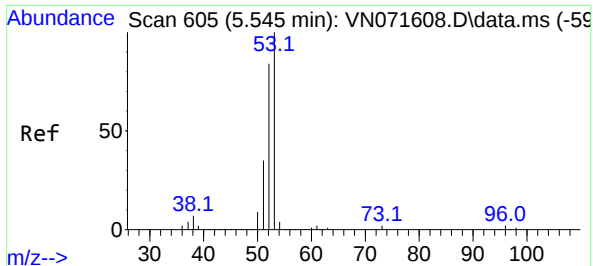
Ion Ratio Lower Upper

41 100

39 64.3 53.2 79.8

76 35.6 29.9 44.9





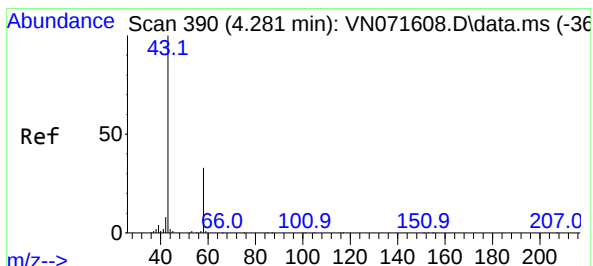
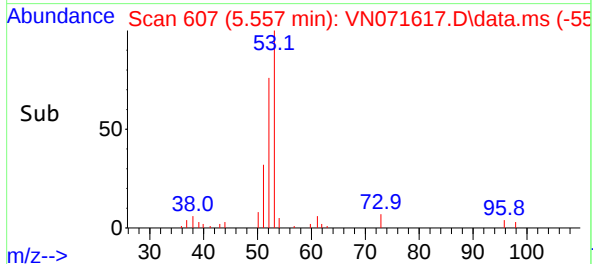
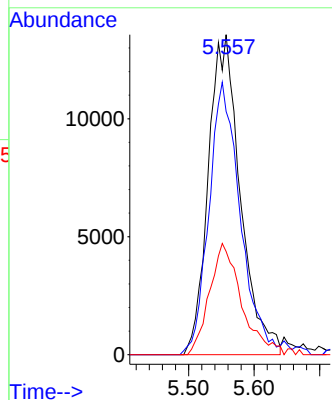
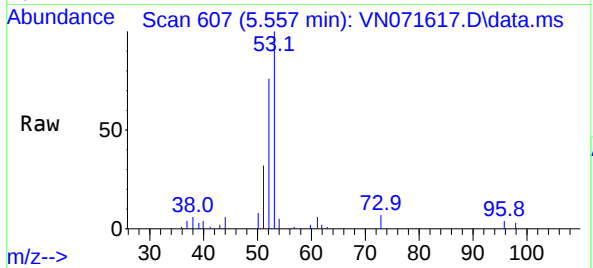
#15
Acrylonitrile
Concen: 12.054 ug/l
RT: 5.557 min Scan# 605
Delta R.T. 0.012 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

Tgt Ion: 53 Resp: 45958
Ion Ratio Lower Upper
53 100
52 83.3 66.4 99.6
51 34.8 28.5 42.7

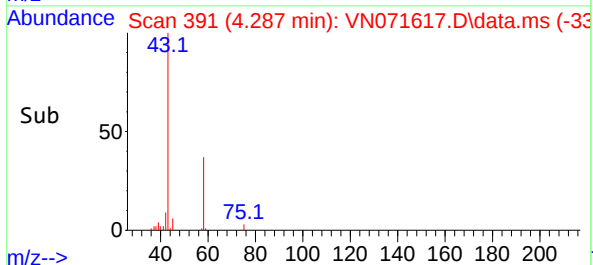
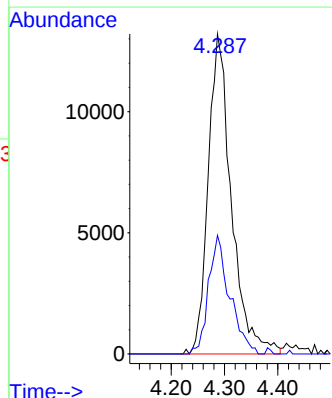
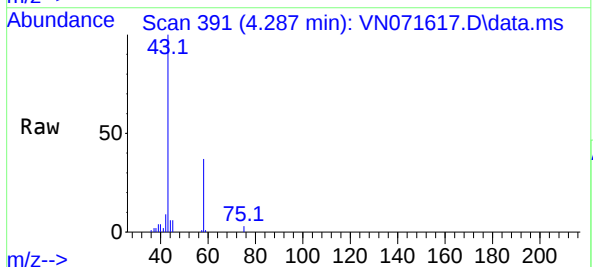
Manual Integrations
APPROVED

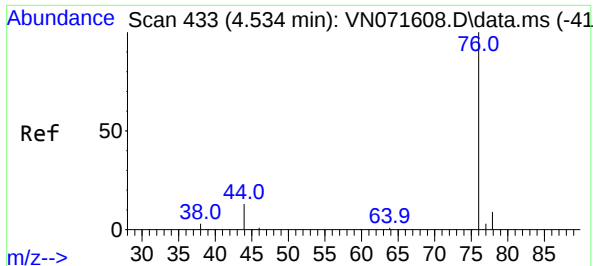
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#16
Acetone
Concen: 12.521 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09

Tgt Ion: 43 Resp: 39908
Ion Ratio Lower Upper
43 100
58 37.1 26.0 39.0





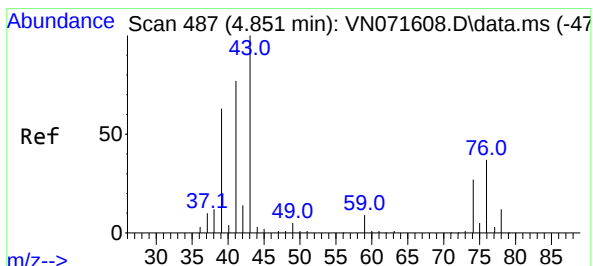
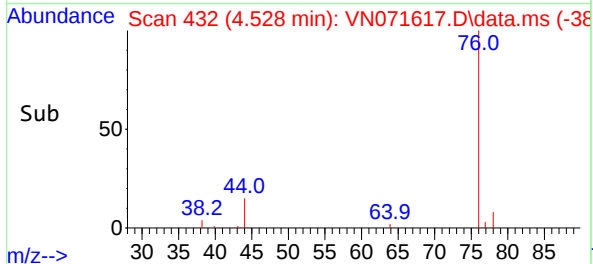
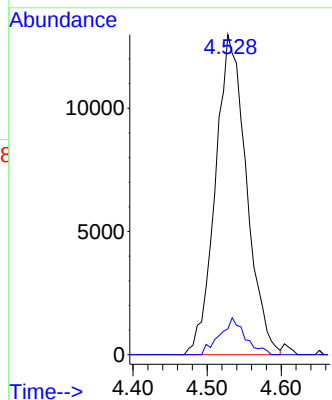
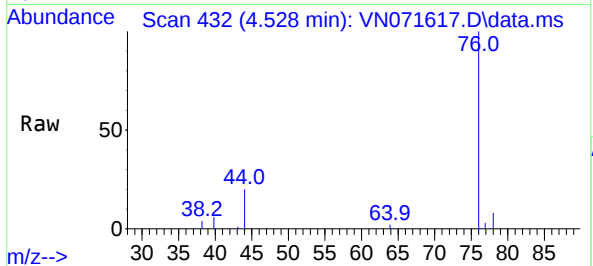
#17
Carbon Disulfide
Concen: 2.623 ug/l
RT: 4.528 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

Tgt Ion: 76 Resp: 37804
Ion Ratio Lower Upper
76 100
78 8.1 7.2 10.8

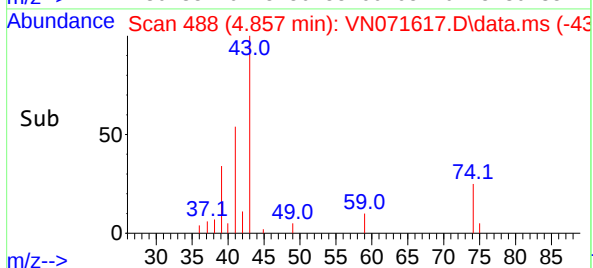
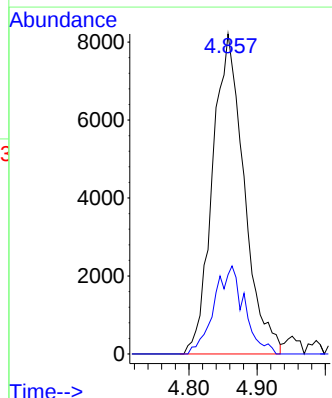
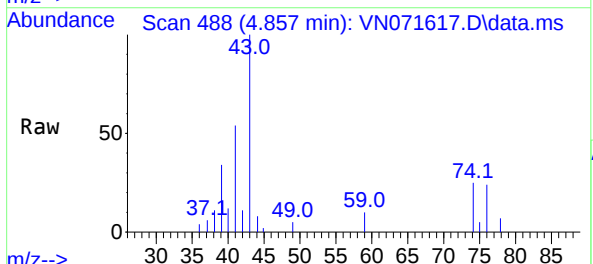
Manual Integrations
APPROVED

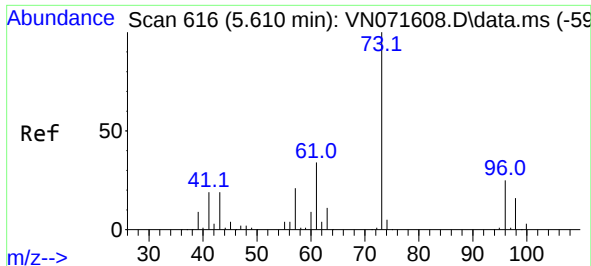
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#18
Methyl Acetate
Concen: 3.228 ug/l
RT: 4.857 min Scan# 488
Delta R.T. 0.006 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09

Tgt Ion: 43 Resp: 26398
Ion Ratio Lower Upper
43 100
74 26.5 21.6 32.4





#19

Methyl tert-butyl Ether

Concen: 2.409 ug/l

RT: 5.616 min Scan# 616

Delta R.T. 0.006 min

Lab File: VN071617.D

Acq: 28 Mar 2022 21:09

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2022

Tgt Ion: 73 Resp: 5091

Ion Ratio Lower Upper

73 100

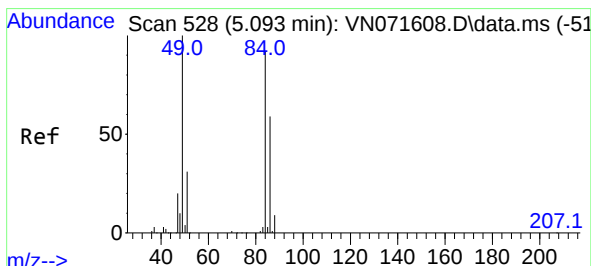
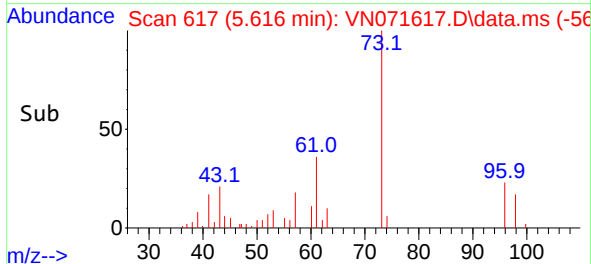
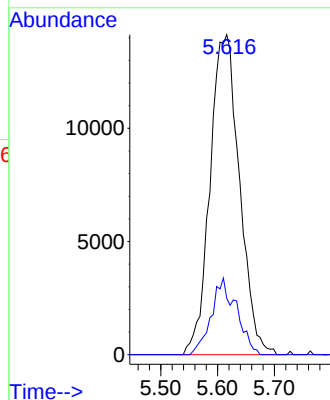
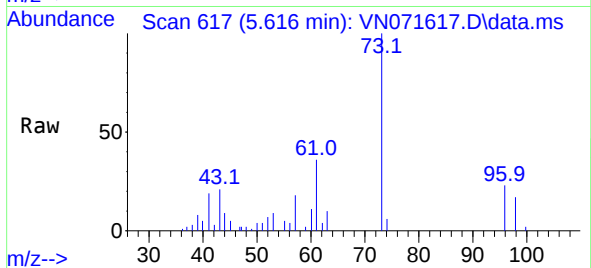
57 17.6 17.6 26.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2022

Supervised By :Mahesh Dadoda 03/30/2022



#20

Methylene Chloride

Concen: 2.591 ug/l

RT: 5.087 min Scan# 527

Delta R.T. -0.006 min

Lab File: VN071617.D

Acq: 28 Mar 2022 21:09

Tgt Ion: 84 Resp: 18251

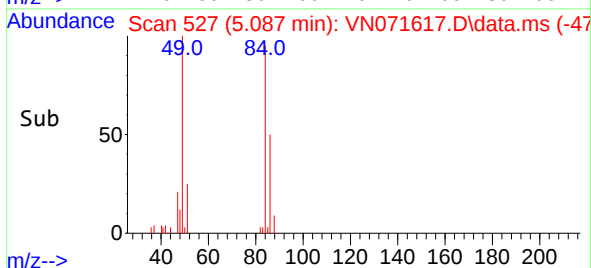
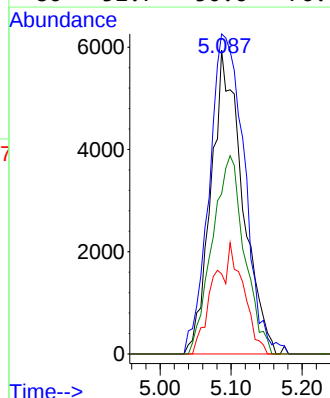
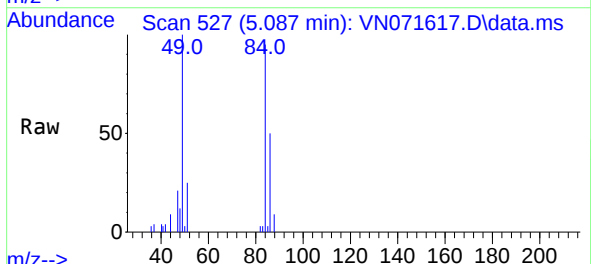
Ion Ratio Lower Upper

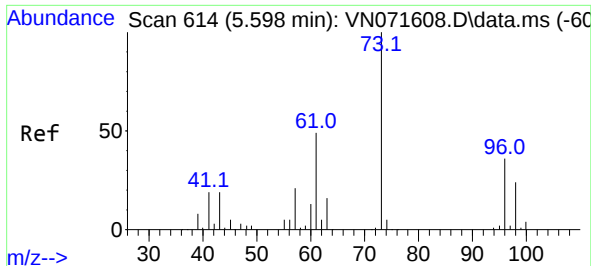
84 100

49 105.3 88.3 132.5

51 26.3 28.2 42.2#

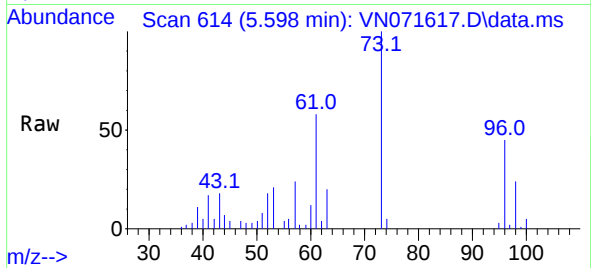
86 52.7 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 2.618 ug/l
RT: 5.598 min Scan# 614
Delta R.T. 0.000 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09

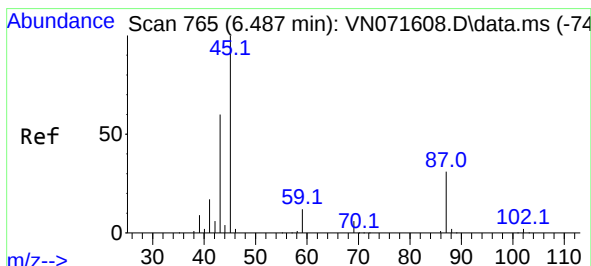
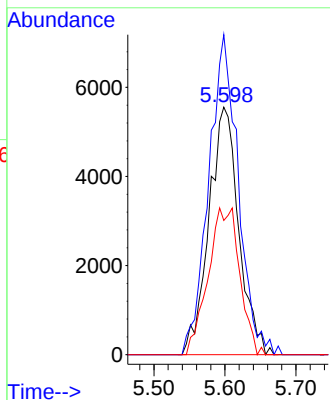
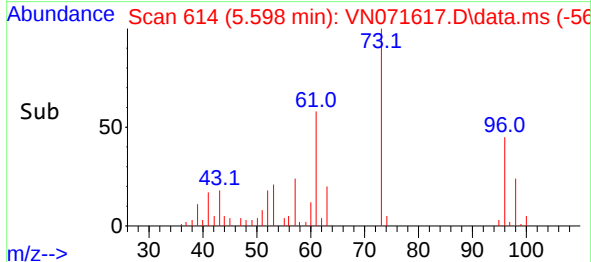
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



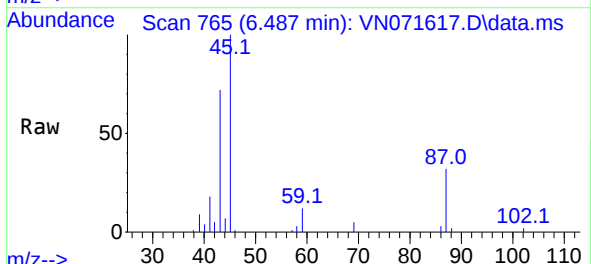
Tgt Ion: 96 Resp: 1620
Ion Ratio Lower Upper
96 100
61 129.2 105.8 158.8
98 54.2 50.3 75.5

Manual Integrations
APPROVED

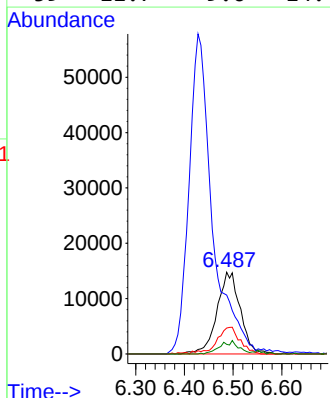
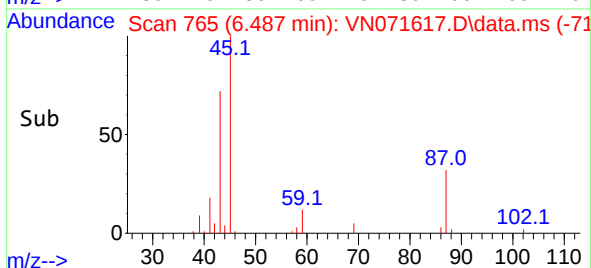
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

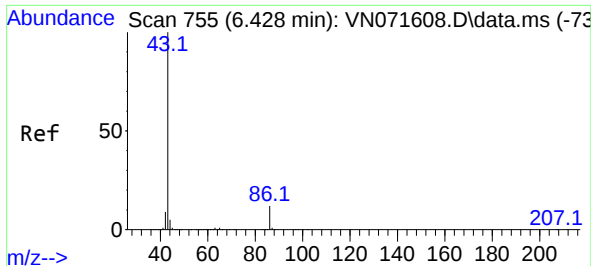


#22
Diisopropyl ether
Concen: 2.482 ug/l
RT: 6.487 min Scan# 765
Delta R.T. 0.000 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09



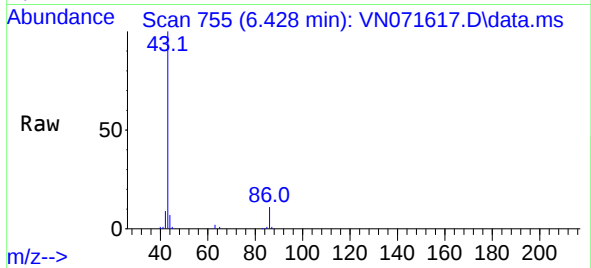
Tgt Ion: 45 Resp: 49011
Ion Ratio Lower Upper
45 100
43 67.9 46.6 70.0
87 31.8 24.3 36.5
59 11.7 9.6 14.4





#23
 Vinyl Acetate
 Concen: 11.673 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. 0.000 min
 Lab File: VN071617.D
 Acq: 28 Mar 2022 21:09

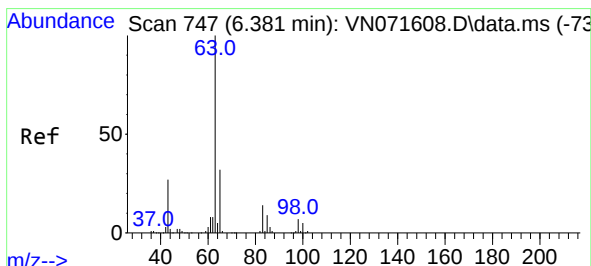
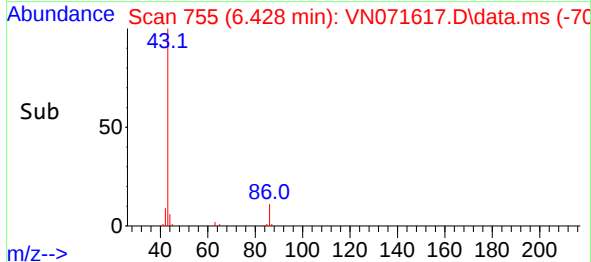
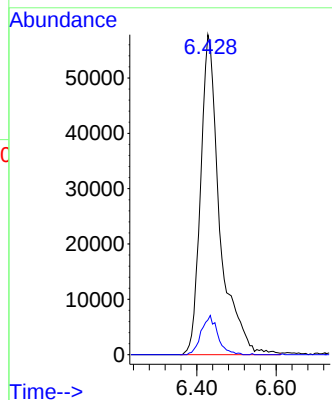
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2022



Tgt Ion: 43 Resp: 194474
 Ion Ratio Lower Upper
 43 100
 86 10.9 10.0 15.0

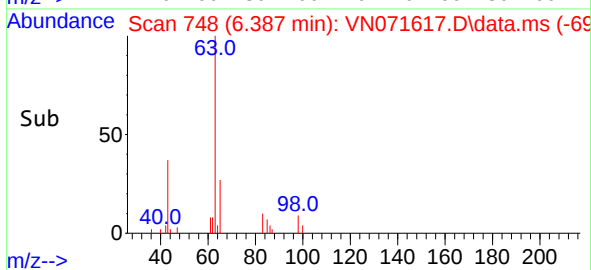
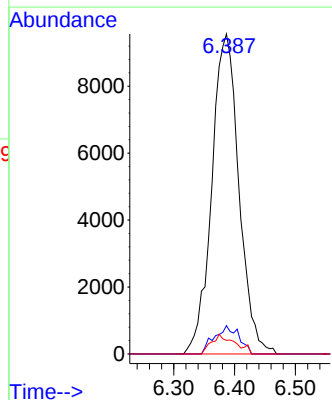
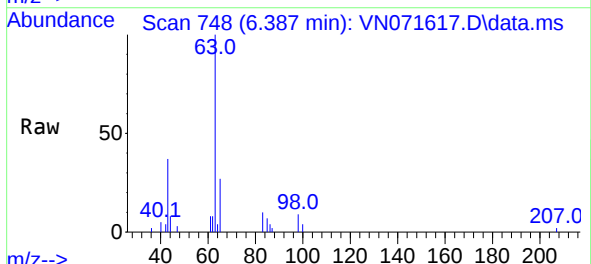
Manual Integrations
 APPROVED

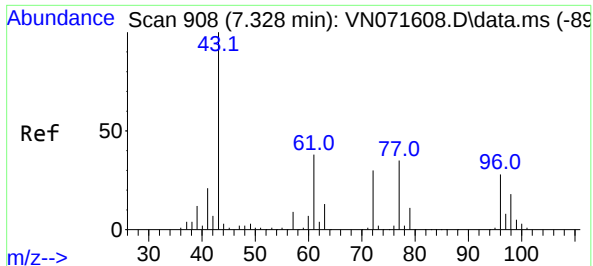
Reviewed By :John Carlone 03/29/2022
 Supervised By :Mahesh Dadoda 03/30/2022



#24
 1,1-Dichloroethane
 Concen: 2.523 ug/l
 RT: 6.387 min Scan# 748
 Delta R.T. 0.006 min
 Lab File: VN071617.D
 Acq: 28 Mar 2022 21:09

Tgt Ion: 63 Resp: 29668
 Ion Ratio Lower Upper
 63 100
 98 8.9 3.5 10.4
 100 4.2 2.3 6.8





#25

2-Butanone

Concen: 11.600 ug/l

RT: 7.334 min Scan# 909

Delta R.T. 0.006 min

Lab File: VN071617.D

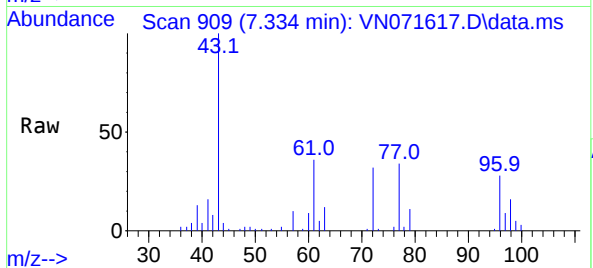
Acq: 28 Mar 2022 21:09

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2022



Tgt Ion: 43 Resp: 5754

Ion Ratio Lower Upper

43 100

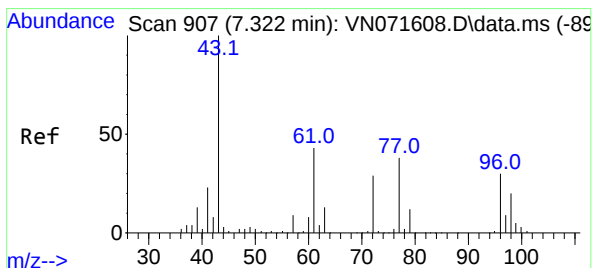
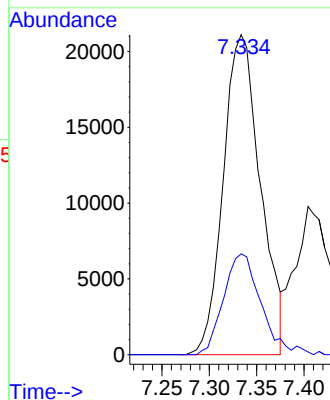
72 31.5 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2022

Supervised By :Mahesh Dadoda 03/30/2022



#26

2,2-Dichloropropane

Concen: 2.356 ug/l

RT: 7.328 min Scan# 908

Delta R.T. 0.006 min

Lab File: VN071617.D

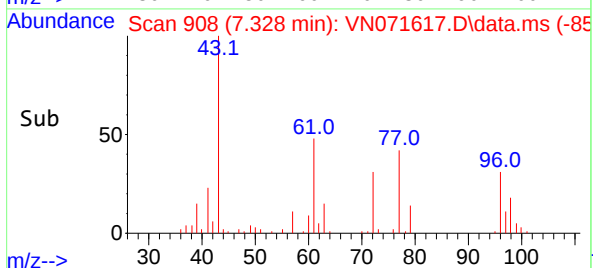
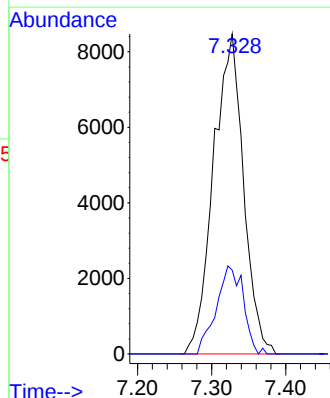
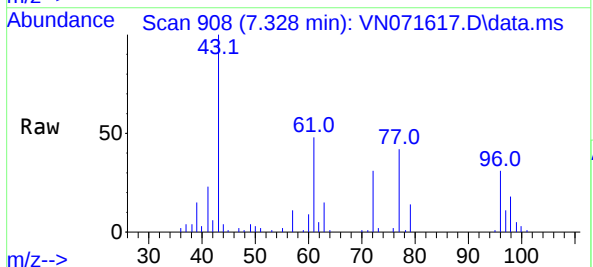
Acq: 28 Mar 2022 21:09

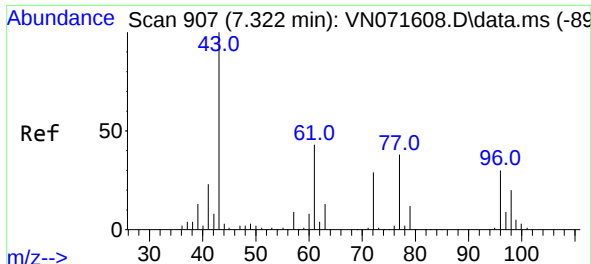
Tgt Ion: 77 Resp: 23815

Ion Ratio Lower Upper

77 100

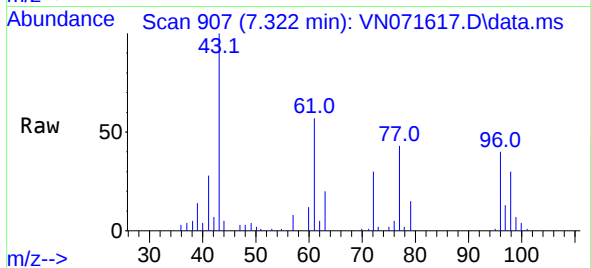
97 24.7 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 2.574 ug/l
 RT: 7.322 min Scan# 907
 Delta R.T. 0.000 min
 Lab File: VN071617.D
 Acq: 28 Mar 2022 21:09

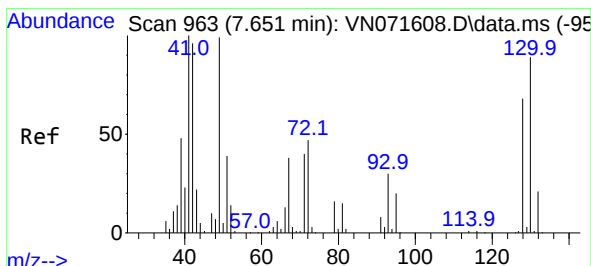
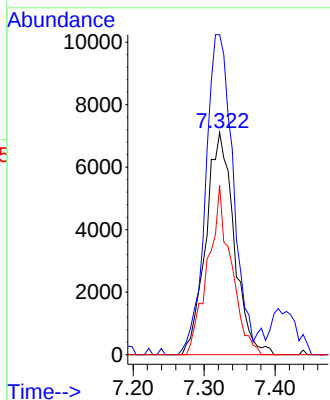
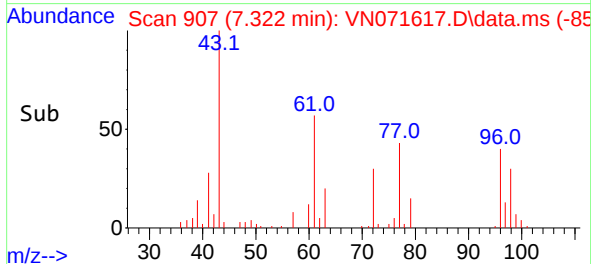
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2022



Tgt Ion: 96 Resp: 1958
 Ion Ratio Lower Upper
 96 100
 61 141.5 0.0 280.6
 98 63.2 0.0 128.4

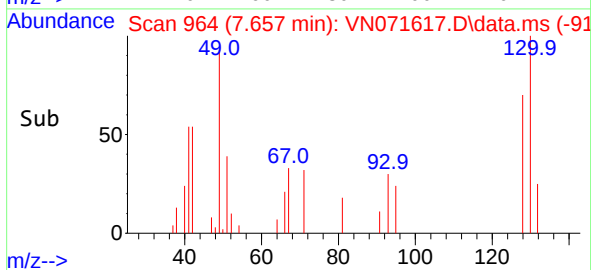
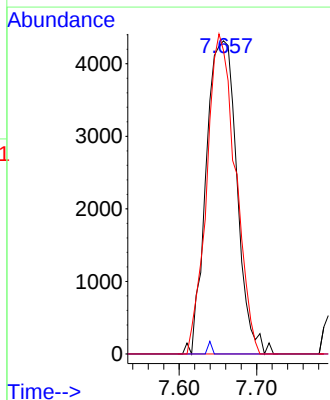
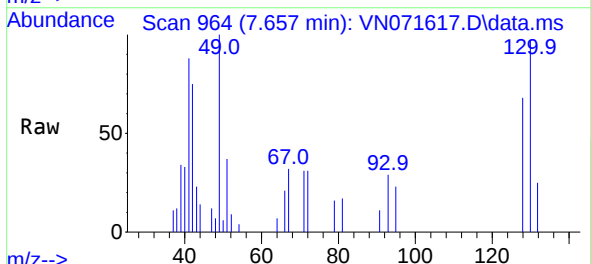
Manual Integrations
 APPROVED

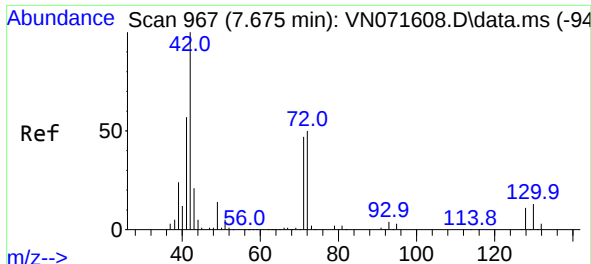
Reviewed By :John Carlone 03/29/2022
 Supervised By :Mahesh Dadoda 03/30/2022



#28
 Bromochloromethane
 Concen: 2.501 ug/l
 RT: 7.657 min Scan# 964
 Delta R.T. 0.006 min
 Lab File: VN071617.D
 Acq: 28 Mar 2022 21:09

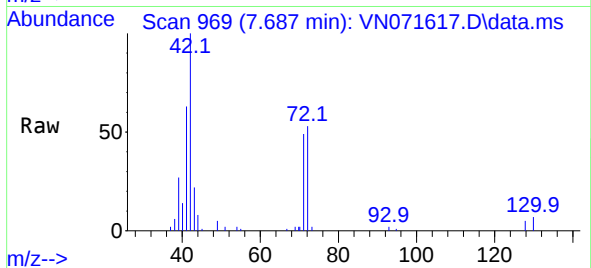
Tgt Ion: 49 Resp: 11882
 Ion Ratio Lower Upper
 49 100
 129 0.5 0.0 4.6
 130 95.7 69.7 104.5





#29
Tetrahydrofuran
Concen: 12.670 ug/l
RT: 7.687 min Scan# 90
Delta R.T. 0.012 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09

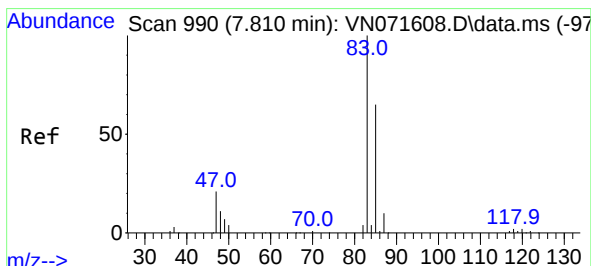
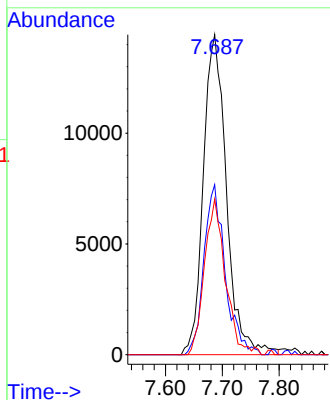
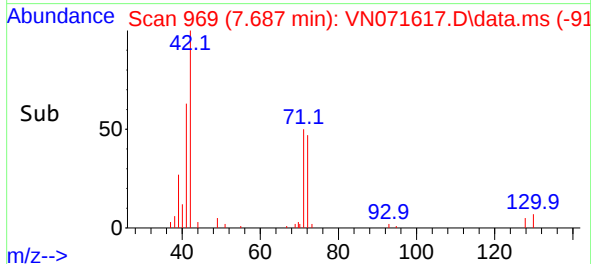
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



Tgt Ion: 42 Resp: 4080
Ion Ratio Lower Upper
42 100
72 48.9 39.7 59.5
71 44.1 36.6 55.0

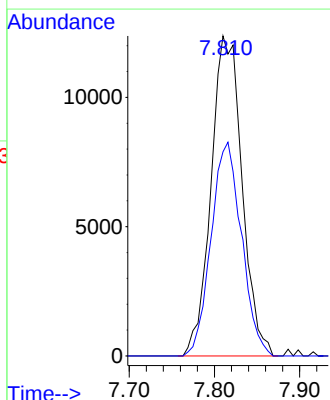
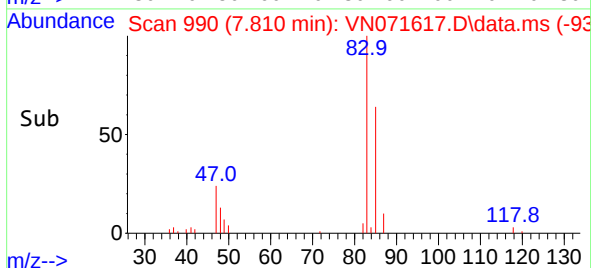
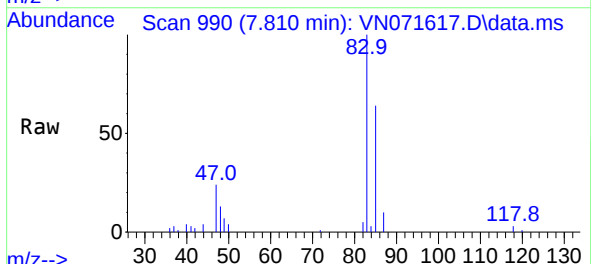
Manual Integrations
APPROVED

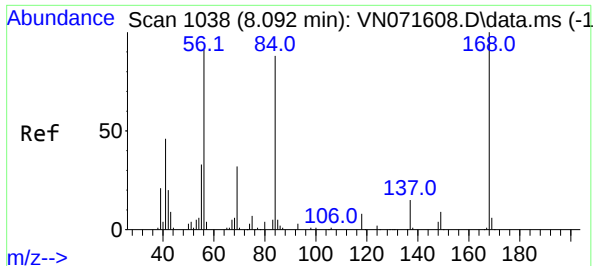
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#30
Chloroform
Concen: 2.598 ug/l
RT: 7.810 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09

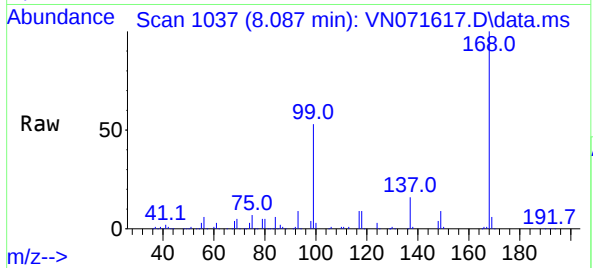
Tgt Ion: 83 Resp: 31318
Ion Ratio Lower Upper
83 100
85 63.8 51.8 77.8





#31
Cyclohexane
Concen: 3.433 ug/l
RT: 8.087 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09

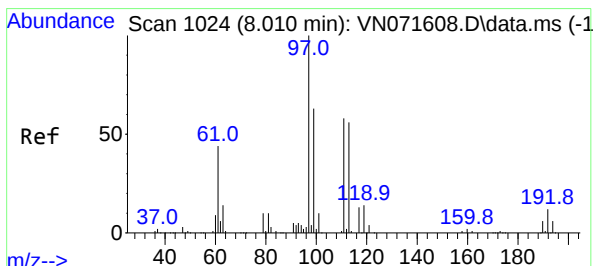
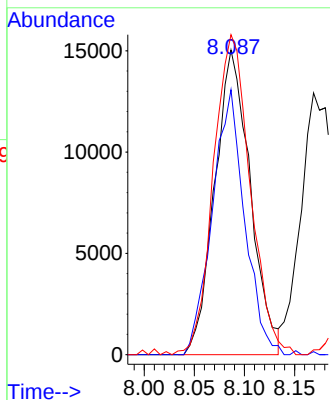
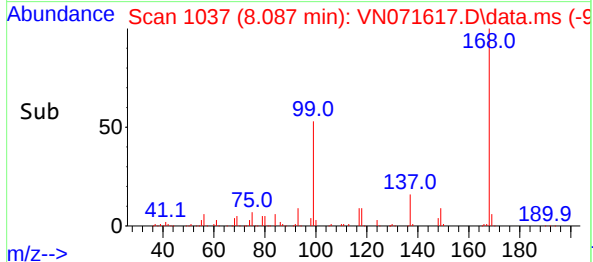
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



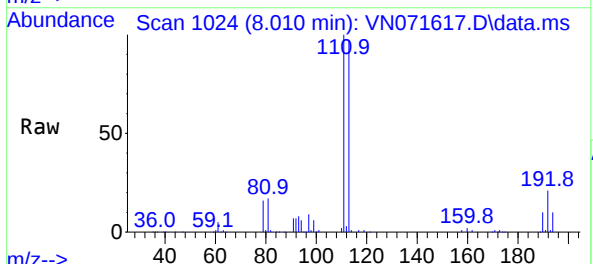
Tgt Ion: 56 Resp: 3706
Ion Ratio Lower Upper
56 100
69 86.9 27.8 41.8
84 103.8 76.9 115.3

Manual Integrations
APPROVED

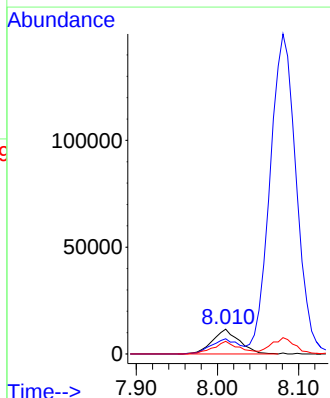
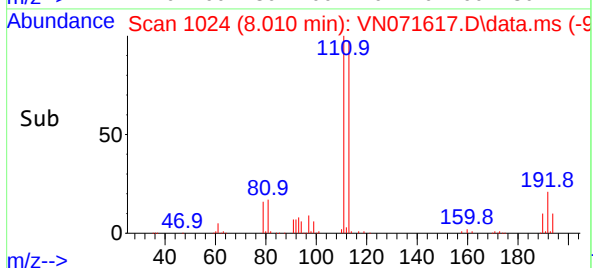
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

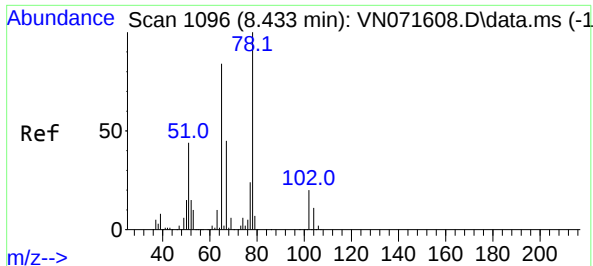


#32
1,1,1-Trichloroethane
Concen: 2.540 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09



Tgt Ion: 97 Resp: 26559
Ion Ratio Lower Upper
97 100
99 62.5 50.6 76.0
61 50.0 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 52.963 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. 0.000 min

Lab File: VN071617.D

Acq: 28 Mar 2022 21:09

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2022

Tgt Ion: 65 Resp: 409479

Ion Ratio Lower Upper

65 100

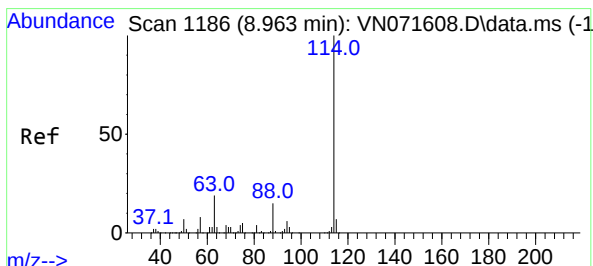
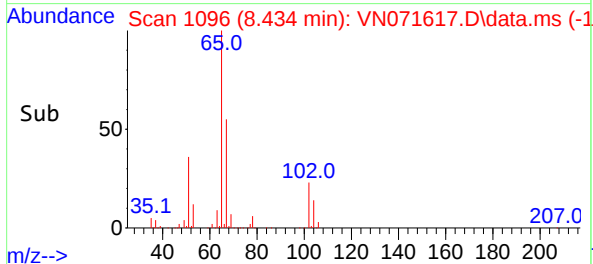
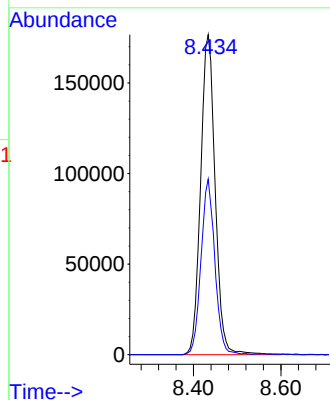
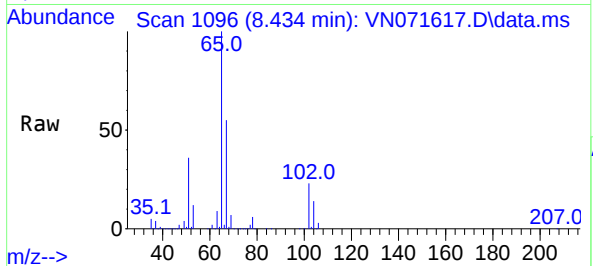
67 52.1 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2022

Supervised By :Mahesh Dadoda 03/30/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. 0.000 min

Lab File: VN071617.D

Acq: 28 Mar 2022 21:09

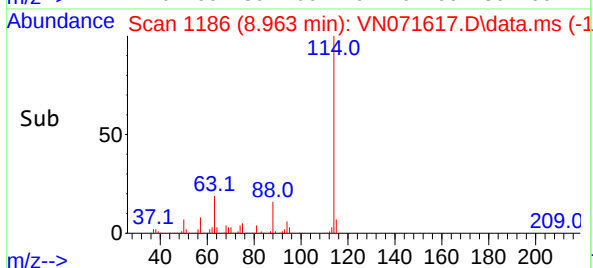
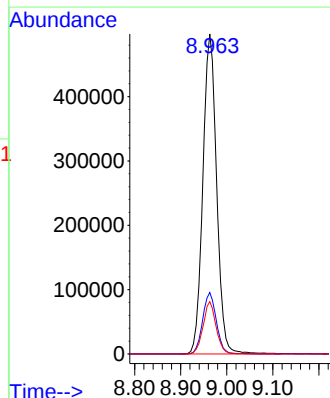
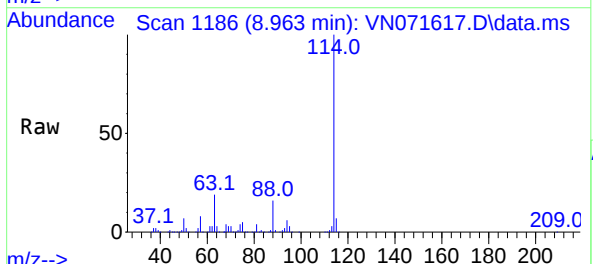
Tgt Ion:114 Resp: 1037856

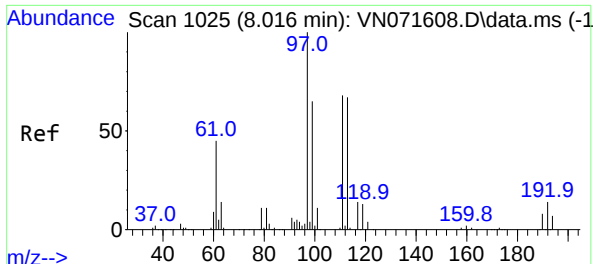
Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.0

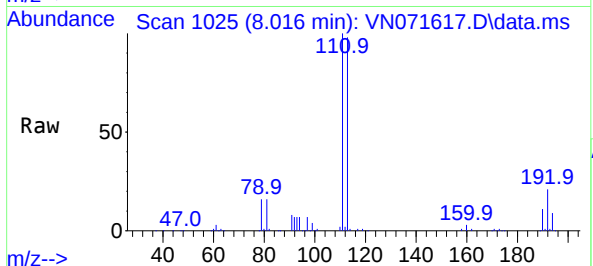
88 16.3 0.0 32.6





#35
Dibromofluoromethane
Concen: 51.522 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.000 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09

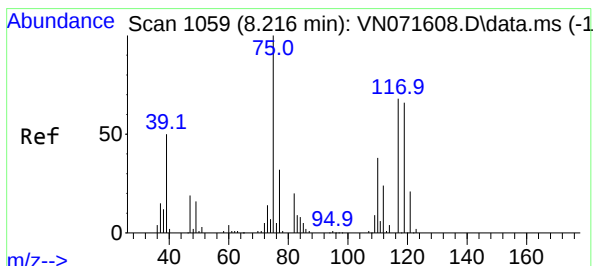
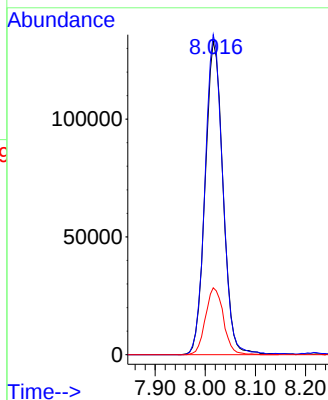
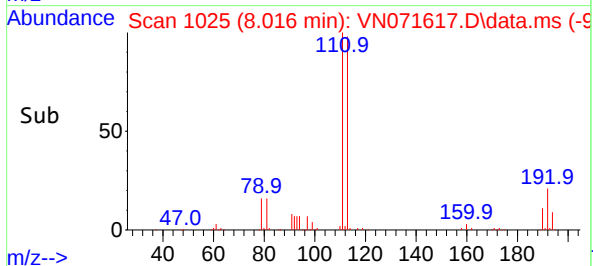
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



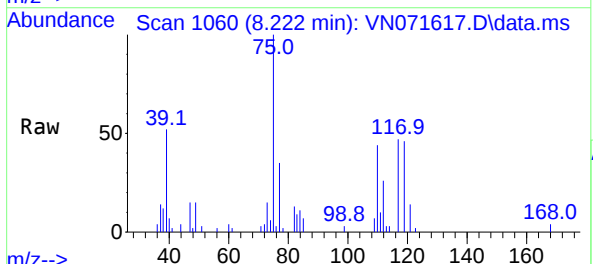
Tgt Ion:113 Resp: 32840
Ion Ratio Lower Upper
113 100
111 101.6 81.4 122.0
192 21.5 17.0 25.6

Manual Integrations
APPROVED

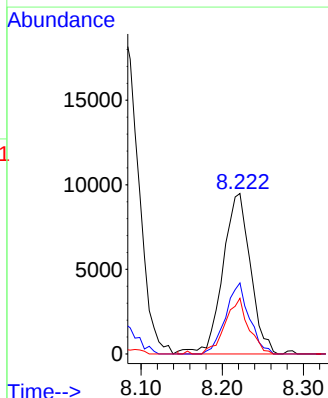
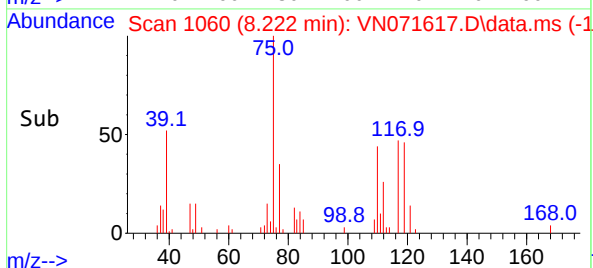
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

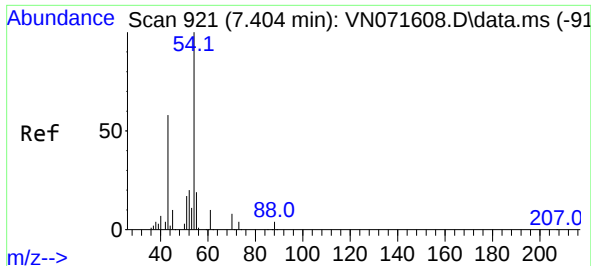


#36
1,1-Dichloropropene
Concen: 2.439 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09



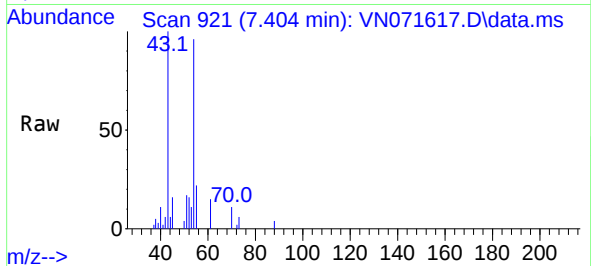
Tgt Ion: 75 Resp: 22348
Ion Ratio Lower Upper
75 100
110 38.1 18.3 54.8
77 29.5 25.1 37.7





#37
Ethyl Acetate
Concen: 2.517 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09

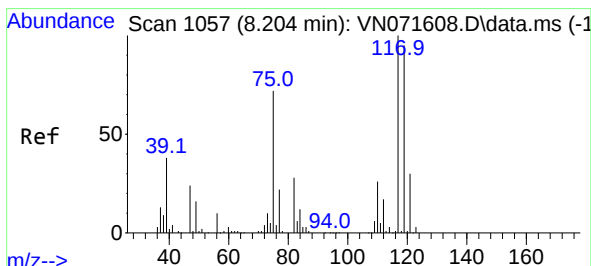
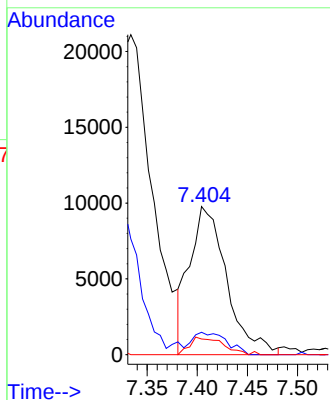
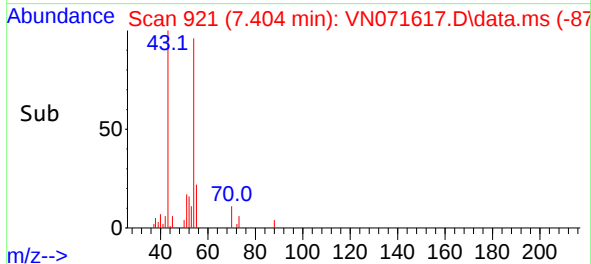
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



Tgt Ion: 43 Resp: 2521
Ion Ratio Lower Upper
43 100
61 14.0 11.8 17.6
70 10.7 9.3 13.9

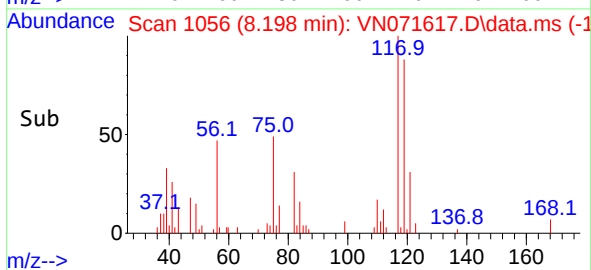
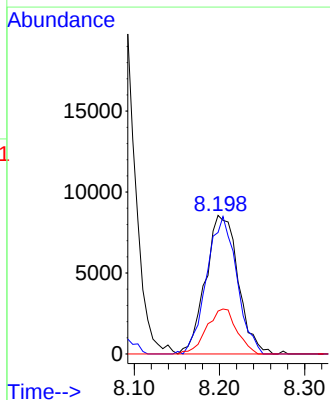
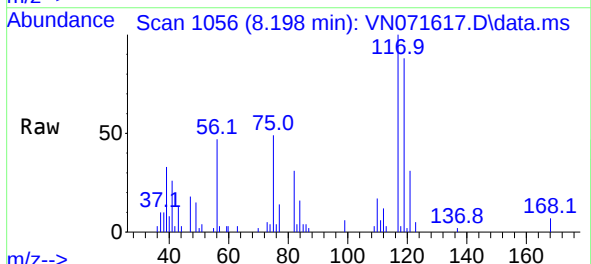
Manual Integrations
APPROVED

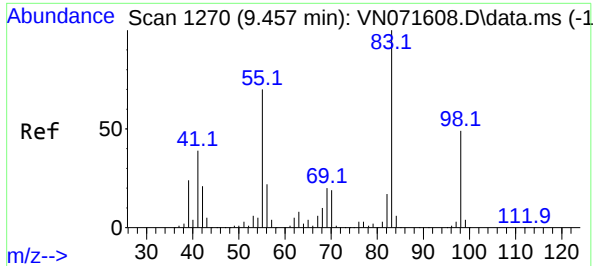
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#38
Carbon Tetrachloride
Concen: 2.502 ug/l
RT: 8.198 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09

Tgt Ion:117 Resp: 22717
Ion Ratio Lower Upper
117 100
119 87.7 75.8 113.8
121 31.0 24.6 37.0





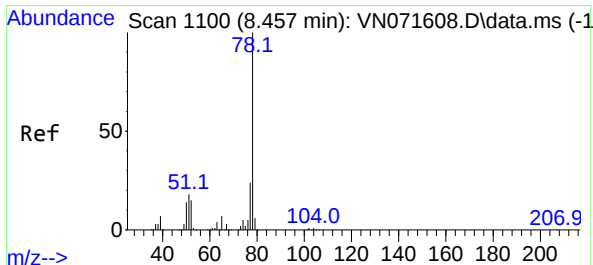
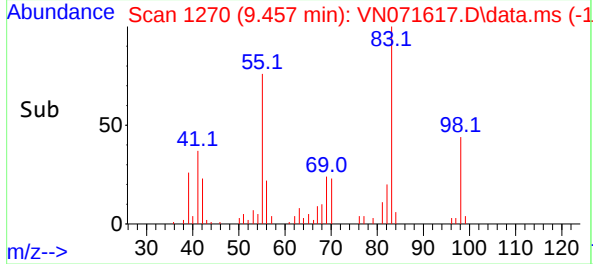
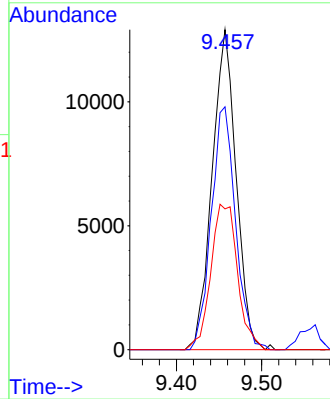
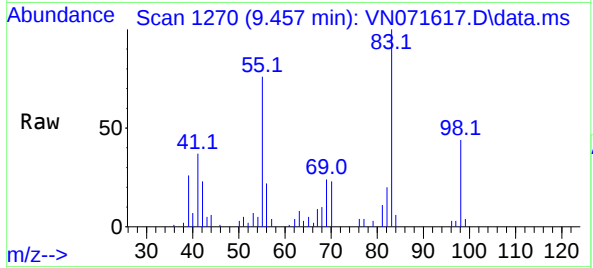
#39
Methylcyclohexane
Concen: 2.235 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

Tgt Ion: 83 Resp: 25330
Ion Ratio Lower Upper
83 100
55 75.9 57.8 86.8
98 44.0 39.4 59.2

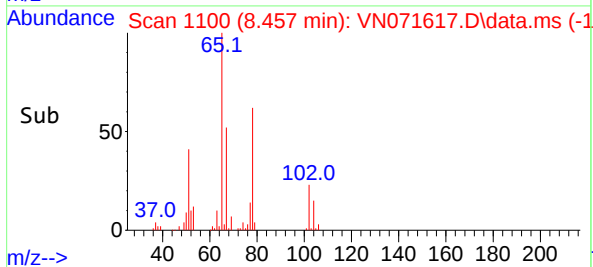
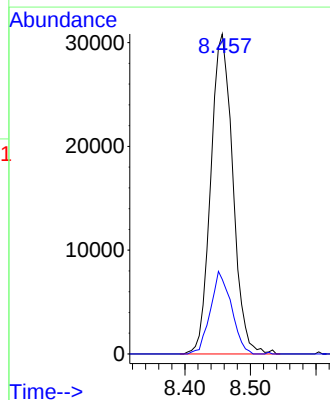
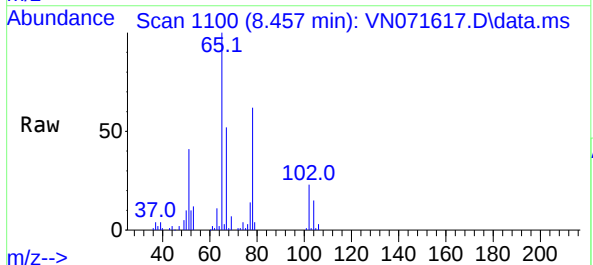
Manual Integrations
APPROVED

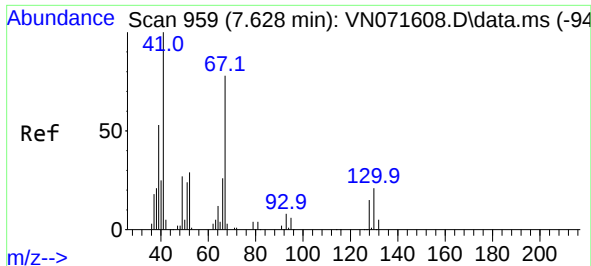
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#40
Benzene
Concen: 2.554 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09

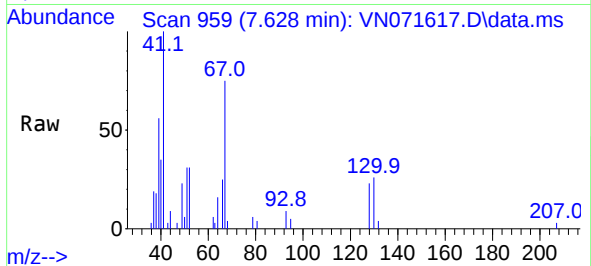
Tgt Ion: 78 Resp: 71847
Ion Ratio Lower Upper
78 100
77 23.3 19.4 29.0





#41
Methacrylonitrile
Concen: 2.423 ug/l
RT: 7.628 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09

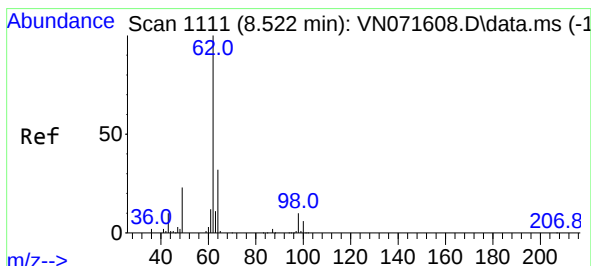
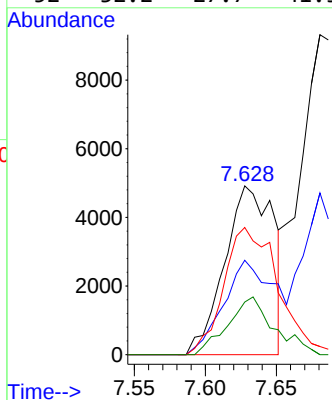
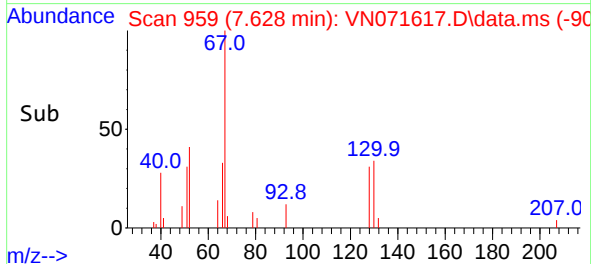
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



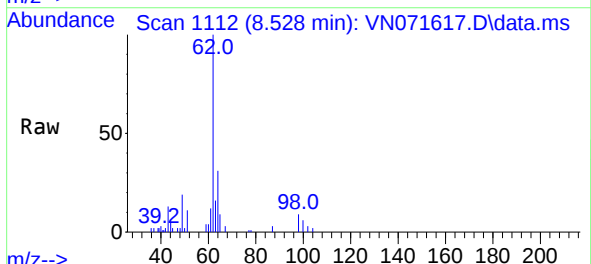
Tgt Ion: 41 Resp: 11800
Ion Ratio Lower Upper
41 100
39 58.9 48.6 73.0
67 84.5 73.4 110.2
52 32.2 27.7 41.5

Manual Integrations
APPROVED

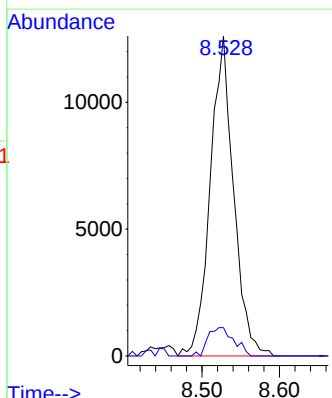
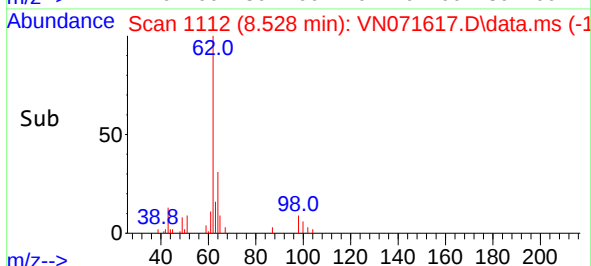
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

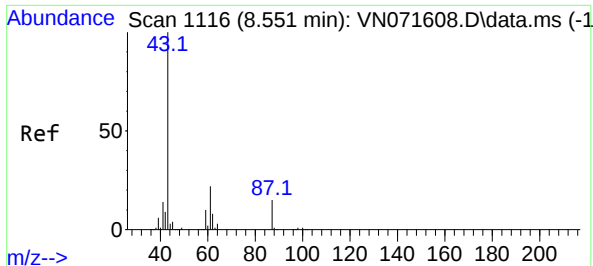


#42
1,2-Dichloroethane
Concen: 2.719 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09



Tgt Ion: 62 Resp: 26441
Ion Ratio Lower Upper
62 100
98 9.9 0.0 19.4





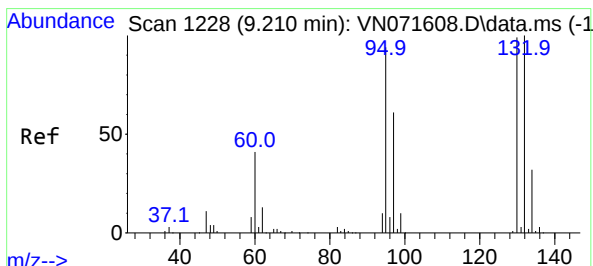
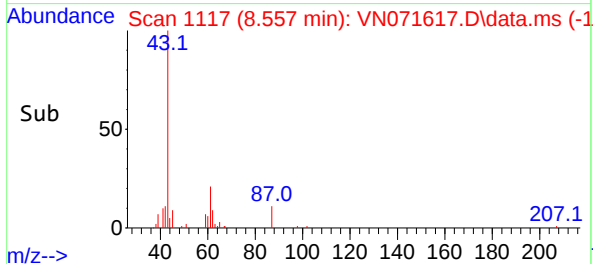
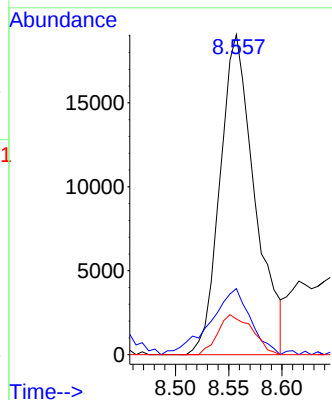
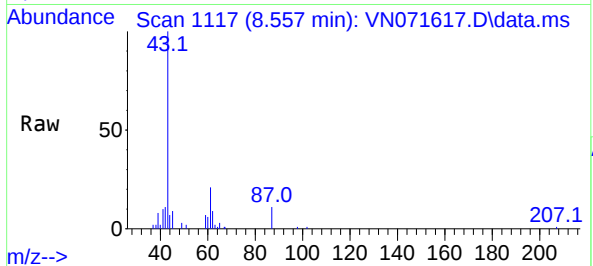
#43
Isopropyl Acetate
Concen: 2.432 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.006 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2022

Tgt Ion: 43 Resp: 43230
Ion Ratio Lower Upper
43 100
61 24.0 21.9 32.9
87 12.3 12.0 18.0

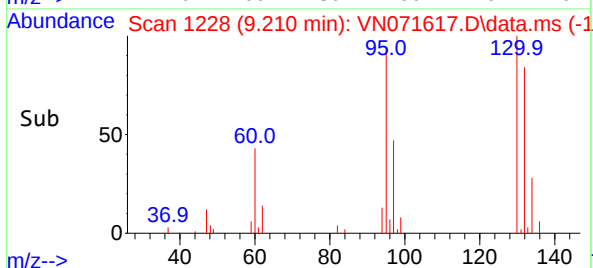
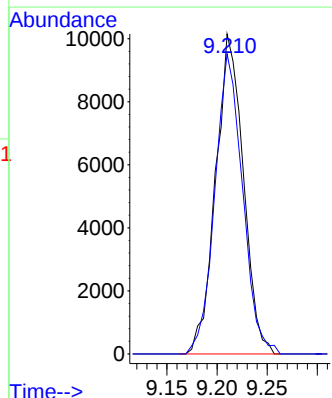
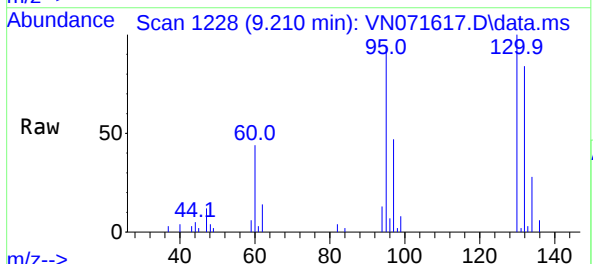
Manual Integrations
APPROVED

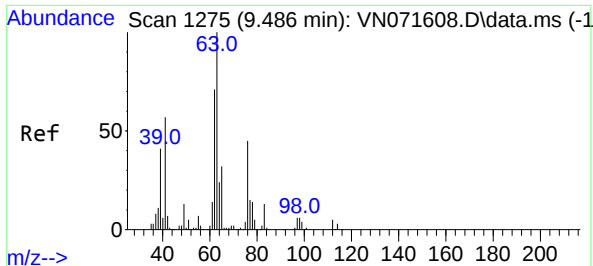
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#44
Trichloroethene
Concen: 2.626 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09

Tgt Ion:130 Resp: 19419
Ion Ratio Lower Upper
130 100
95 93.8 0.0 186.8





#45

1,2-Dichloropropane

Concen: 2.484 ug/l

RT: 9.481 min Scan# 1275

Delta R.T. -0.006 min

Lab File: VN071617.D

Acq: 28 Mar 2022 21:09

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2022

Tgt Ion: 63 Resp: 1721

Ion Ratio Lower Upper

63 100

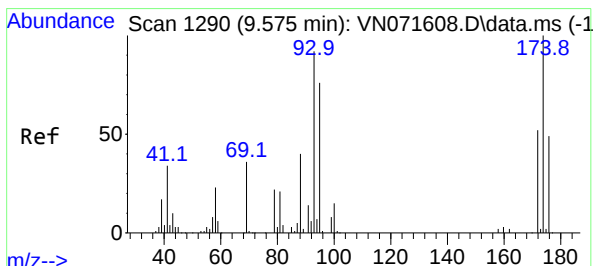
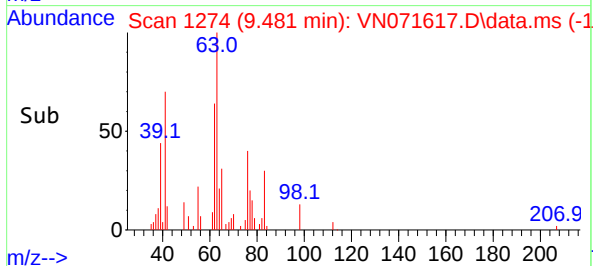
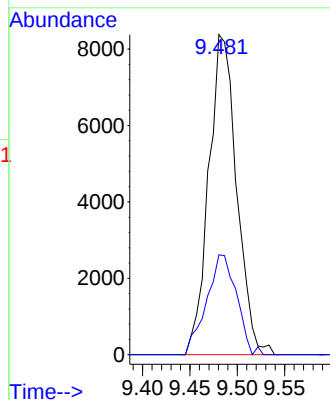
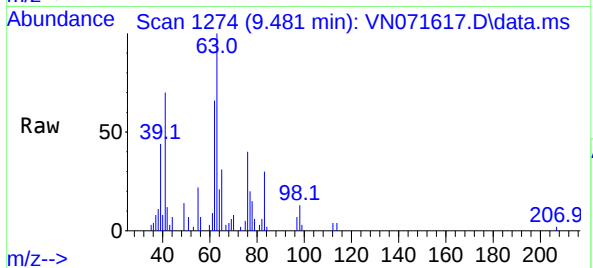
65 31.2 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2022

Supervised By :Mahesh Dadoda 03/30/2022



#46

Dibromomethane

Concen: 2.561 ug/l

RT: 9.569 min Scan# 1289

Delta R.T. -0.006 min

Lab File: VN071617.D

Acq: 28 Mar 2022 21:09

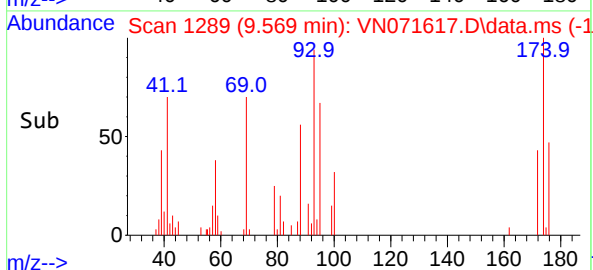
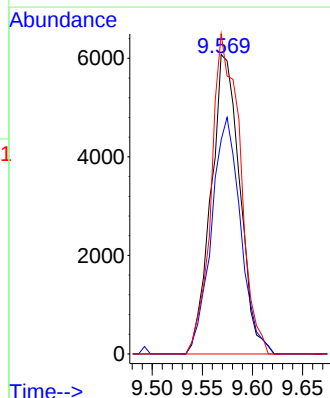
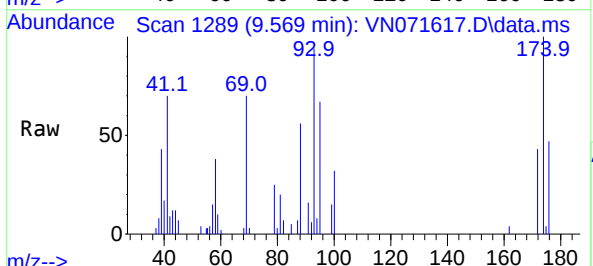
Tgt Ion: 93 Resp: 12146

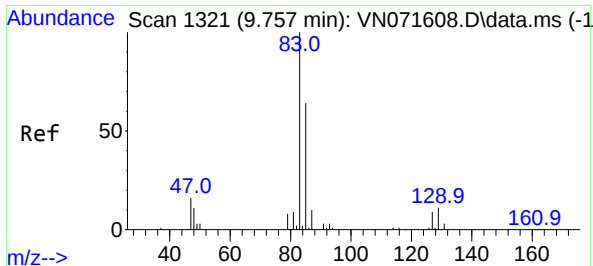
Ion Ratio Lower Upper

93 100

95 79.8 66.9 100.3

174 106.8 86.6 130.0





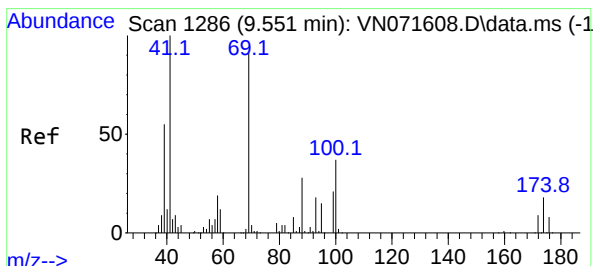
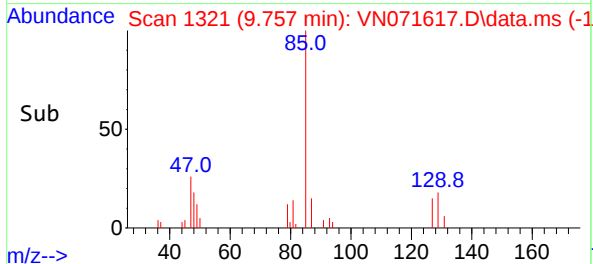
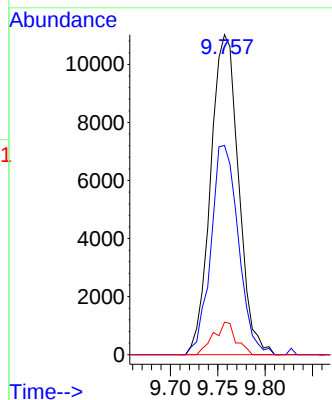
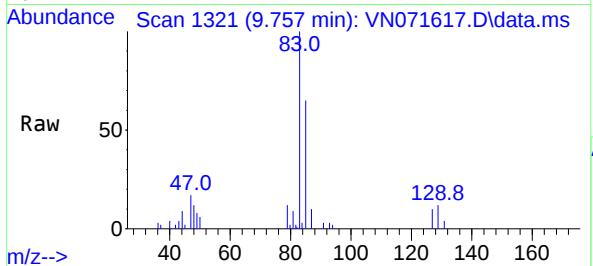
#47
Bromodichloromethane
Concen: 2.420 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2022

Tgt Ion: 83 Resp: 2262
Ion Ratio Lower Upper
83 100
85 65.4 50.5 75.7
127 10.1 6.8 10.2

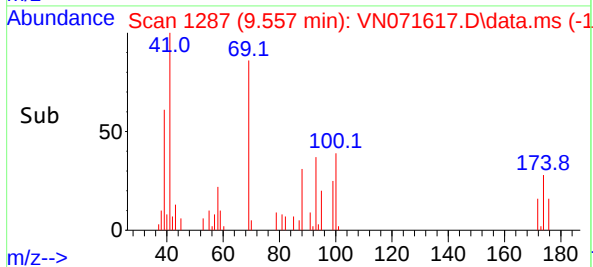
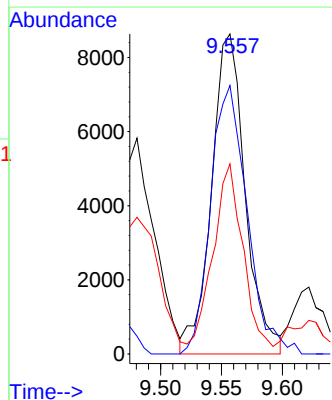
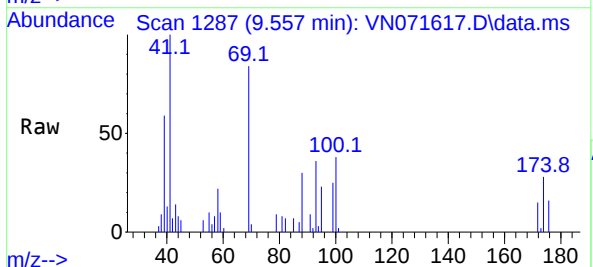
Manual Integrations
APPROVED

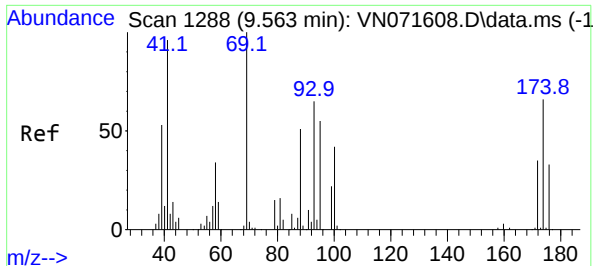
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#48
Methyl methacrylate
Concen: 2.304 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09

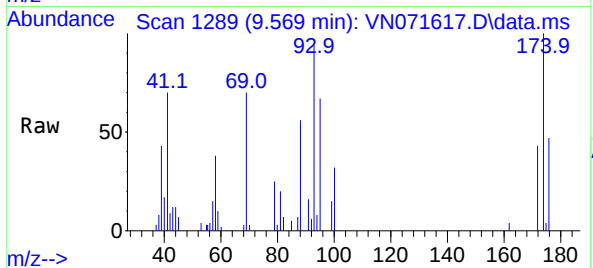
Tgt Ion: 41 Resp: 16625
Ion Ratio Lower Upper
41 100
69 90.8 74.7 112.1
39 54.0 45.6 68.4





#49
1,4-Dioxane
Concen: 47.740 ug/l
RT: 9.569 min Scan# 1288
Delta R.T. 0.006 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09

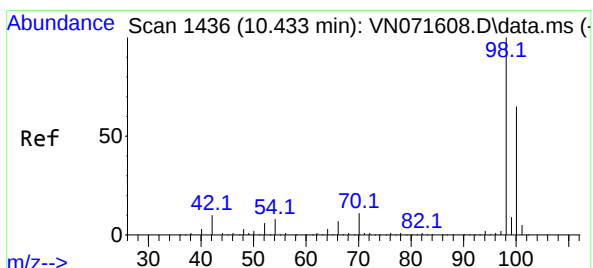
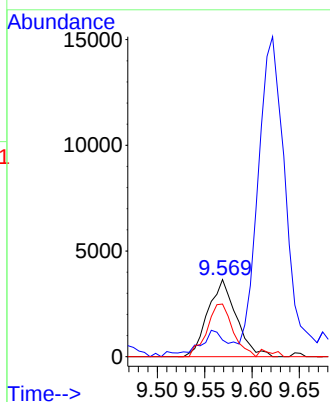
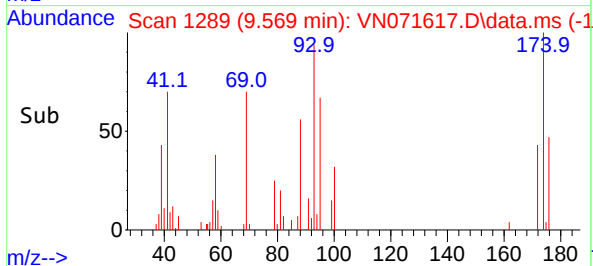
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



Tgt Ion: 88 Resp: 758
Ion Ratio Lower Upper
88 100
43 20.7 20.2 30.4
58 62.0 54.2 81.4

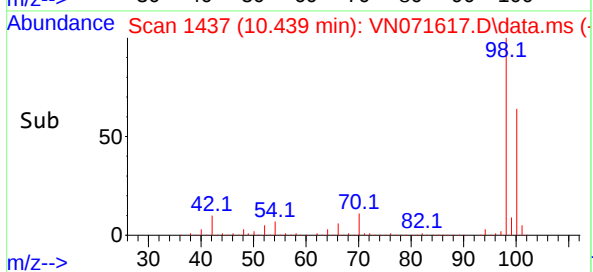
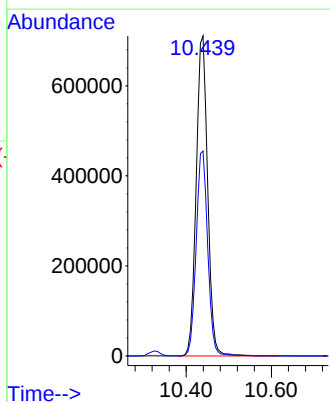
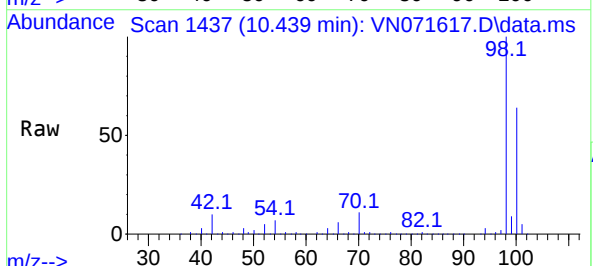
Manual Integrations
APPROVED

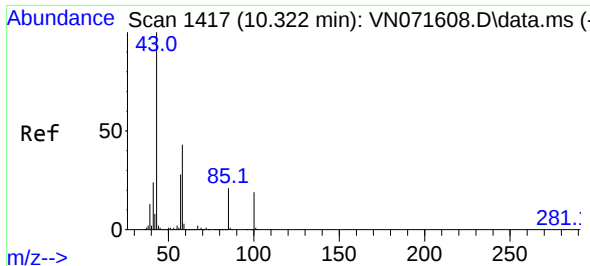
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#50
Toluene-d8
Concen: 50.473 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09

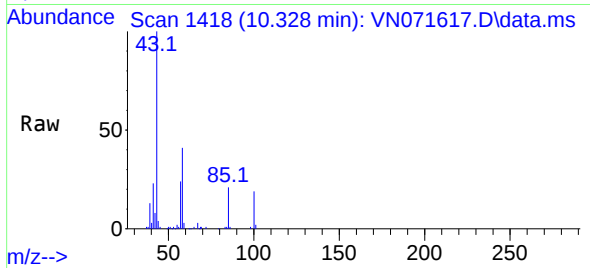
Tgt Ion: 98 Resp: 1327030
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 11.251 ug/l
RT: 10.328 min Scan# 1417
Delta R.T. 0.006 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09

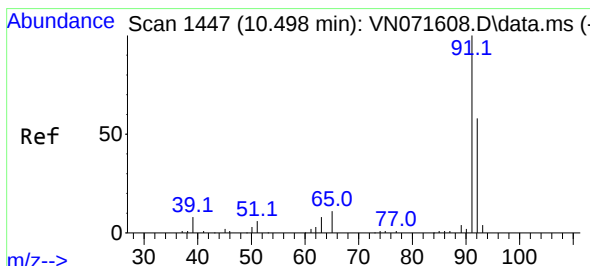
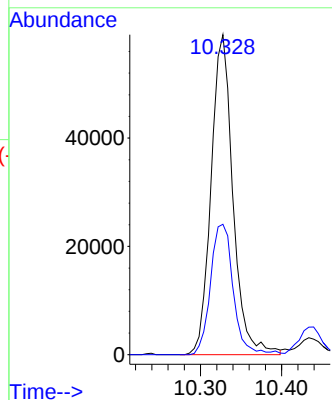
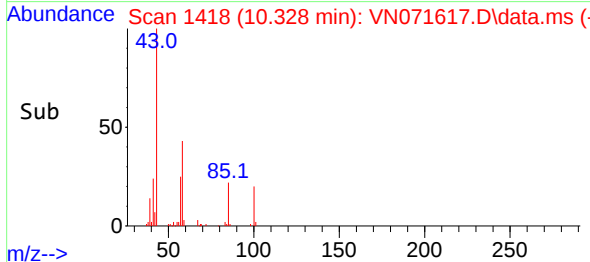
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



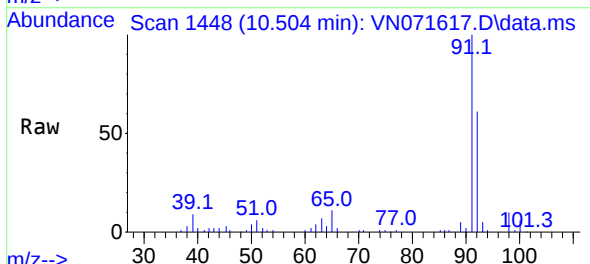
Tgt Ion: 43 Resp: 110532
Ion Ratio Lower Upper
43 100
58 42.5 34.1 51.1

Manual Integrations
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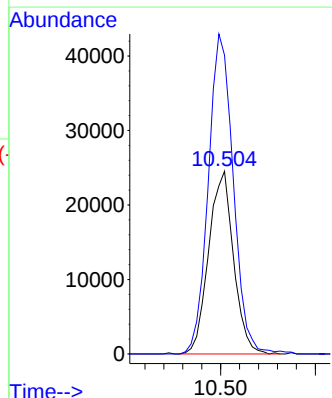
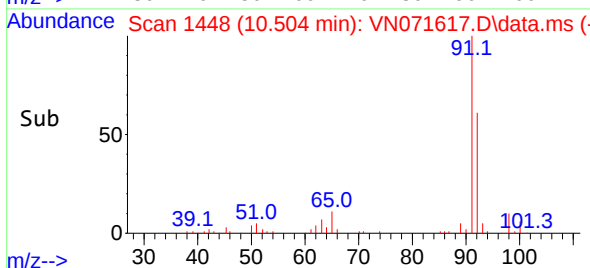
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

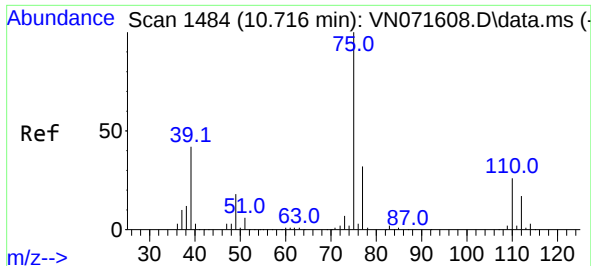


#52
Toluene
Concen: 2.474 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09



Tgt Ion: 92 Resp: 44752
Ion Ratio Lower Upper
92 100
91 175.9 138.6 207.8





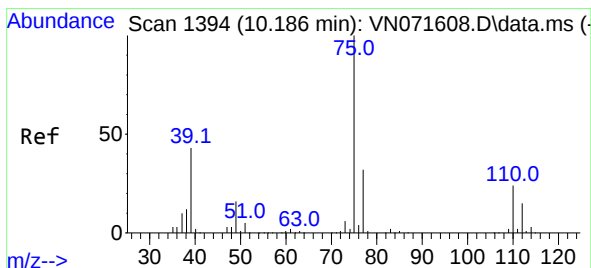
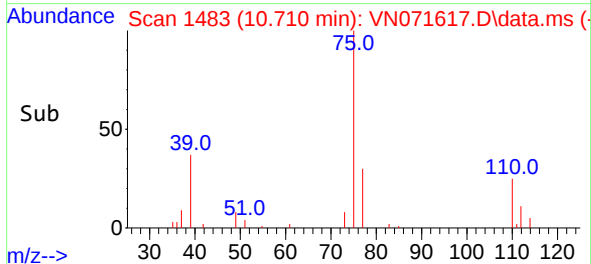
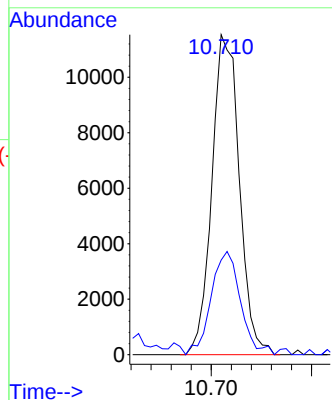
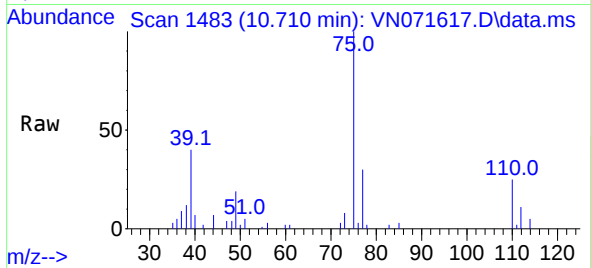
#53
 t-1,3-Dichloropropene
 Concen: 2.156 ug/l
 RT: 10.710 min Scan# 1484
 Delta R.T. -0.006 min
 Lab File: VN071617.D
 Acq: 28 Mar 2022 21:09

Instrument : MSVOA_N
 ClientSampleId : LOD-MDL-WATER-01-QT1-2022

Tgt Ion: 75 Resp: 2190
 Ion Ratio Lower Upper
 75 100
 77 27.9 25.6 38.4

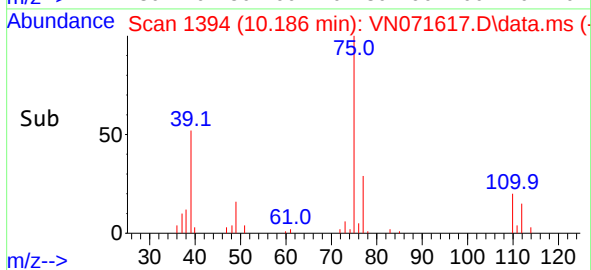
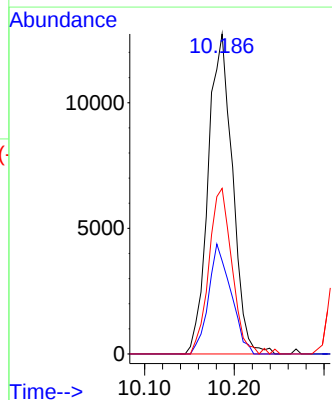
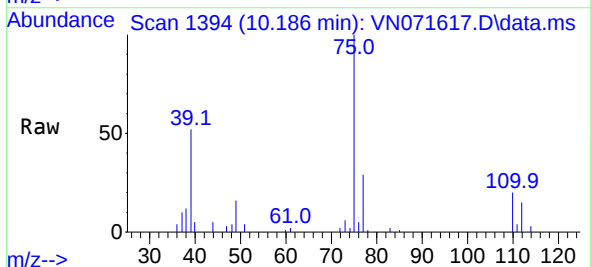
Manual Integrations
 APPROVED

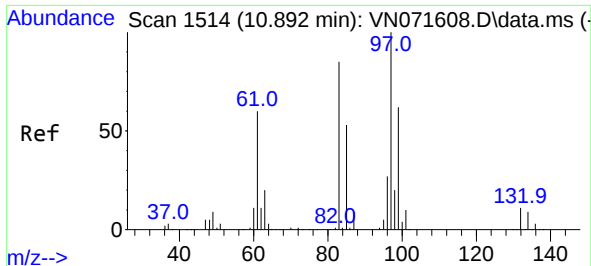
Reviewed By :John Carlone 03/29/2022
 Supervised By :Mahesh Dadoda 03/30/2022



#54
 cis-1,3-Dichloropropene
 Concen: 2.169 ug/l
 RT: 10.186 min Scan# 1394
 Delta R.T. 0.000 min
 Lab File: VN071617.D
 Acq: 28 Mar 2022 21:09

Tgt Ion: 75 Resp: 23979
 Ion Ratio Lower Upper
 75 100
 77 29.1 25.2 37.8
 39 51.7 35.7 53.5





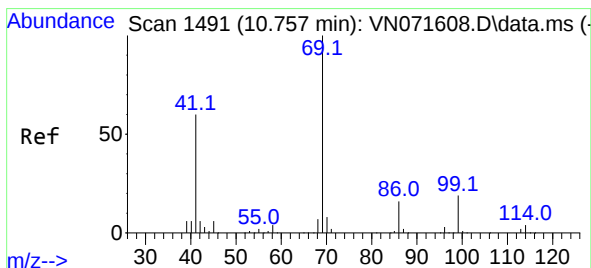
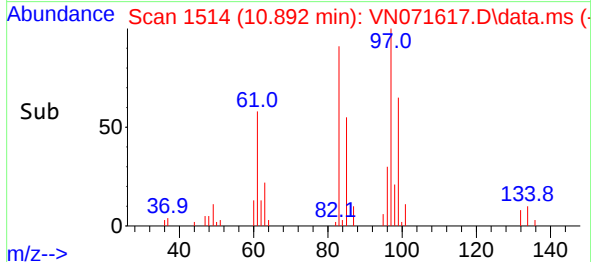
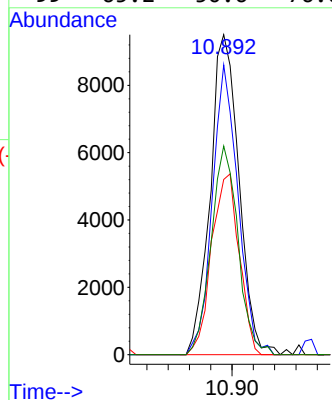
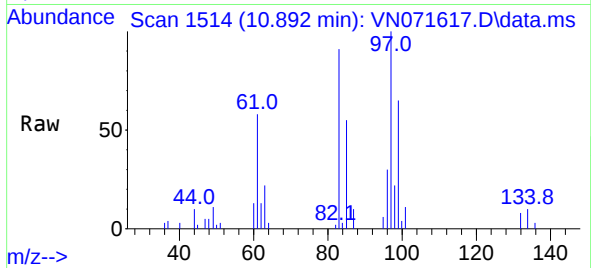
#55
1,1,2-Trichloroethane
Concen: 2.441 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09

Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

Tgt Ion: 97	Resp: 1778
Ion Ratio	Lower Upper
97 100	
83 90.5	66.2 99.4
85 54.7	43.9 65.9
99 65.2	50.6 76.0

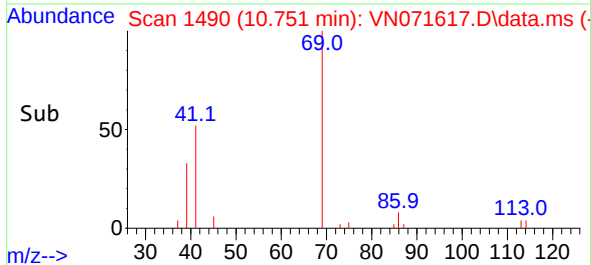
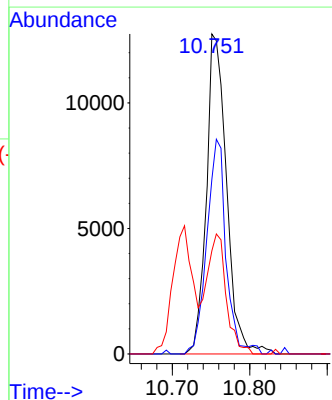
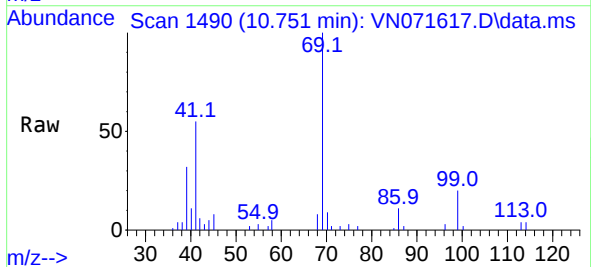
Manual Integrations
APPROVED

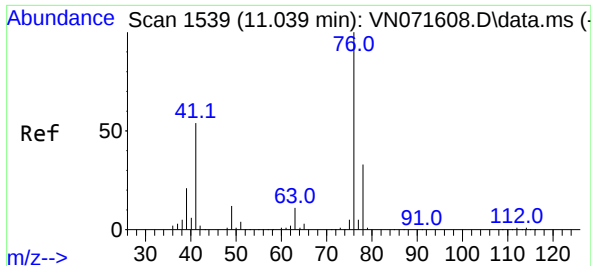
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#56
Ethyl methacrylate
Concen: 2.115 ug/l
RT: 10.751 min Scan# 1490
Delta R.T. -0.006 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09

Tgt Ion: 69	Resp: 23029
Ion Ratio	Lower Upper
69 100	
41 64.2	47.8 71.6
39 36.8	27.3 40.9





#57

1,3-Dichloropropane

Concen: 2.509 ug/l

RT: 11.039 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VN071617.D

Acq: 28 Mar 2022 21:09

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2022

Tgt Ion: 76 Resp: 30514

Ion Ratio Lower Upper

76 100

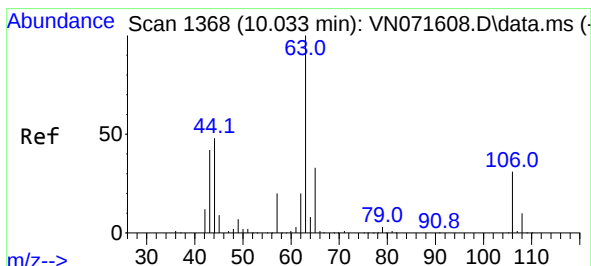
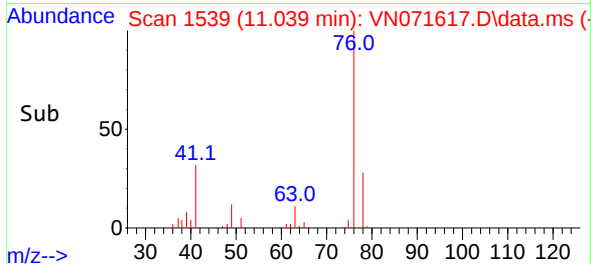
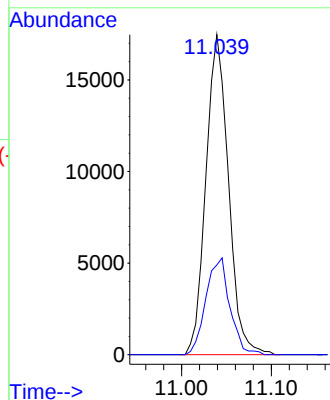
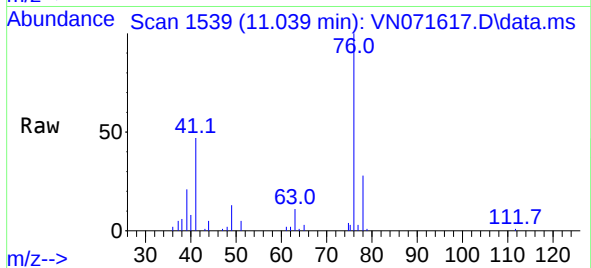
78 32.1 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2022

Supervised By :Mahesh Dadoda 03/30/2022



#58

2-Chloroethyl Vinyl ether

Concen: 7.739 ug/l

RT: 10.033 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VN071617.D

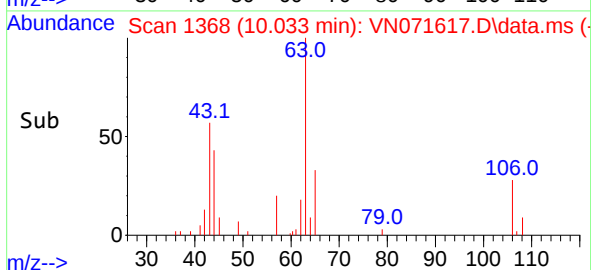
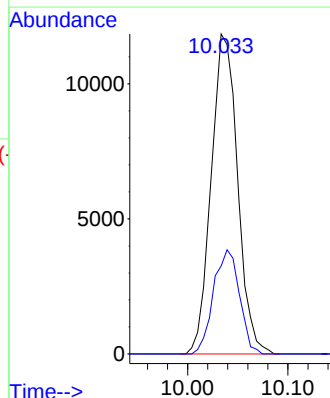
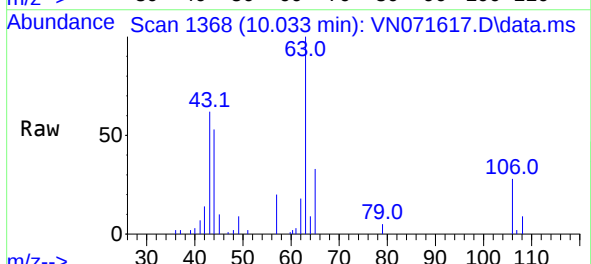
Acq: 28 Mar 2022 21:09

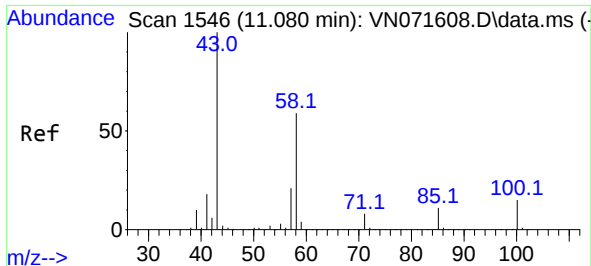
Tgt Ion: 63 Resp: 21653

Ion Ratio Lower Upper

63 100

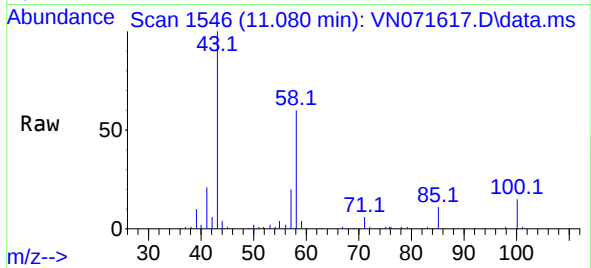
106 32.0 24.6 36.8





#59
2-Hexanone
Concen: 10.824 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09

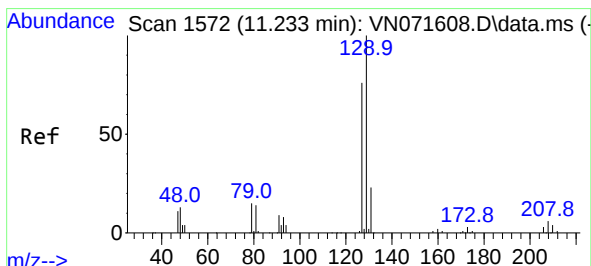
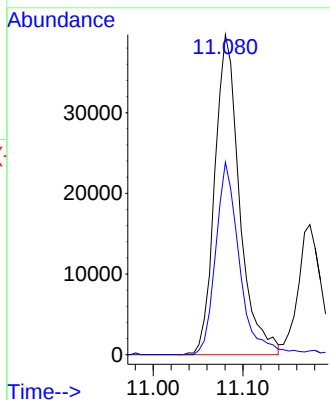
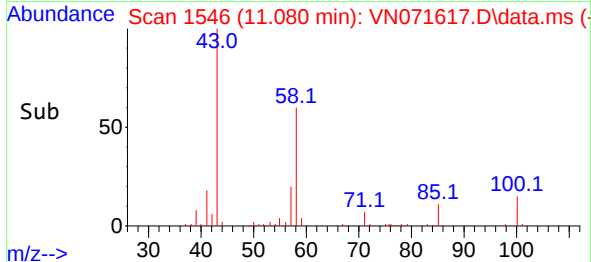
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



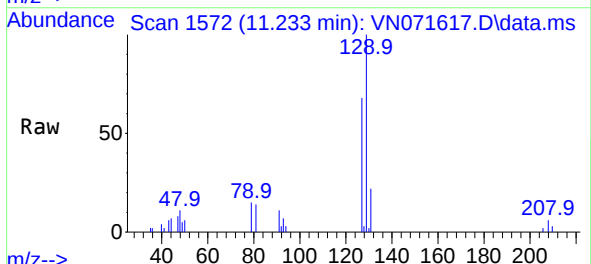
Tgt Ion: 43 Resp: 76070
Ion Ratio Lower Upper
43 100
58 58.0 29.7 89.1

Manual Integrations
APPROVED

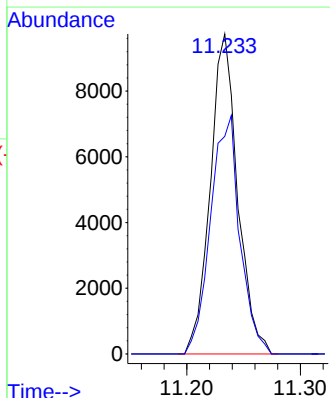
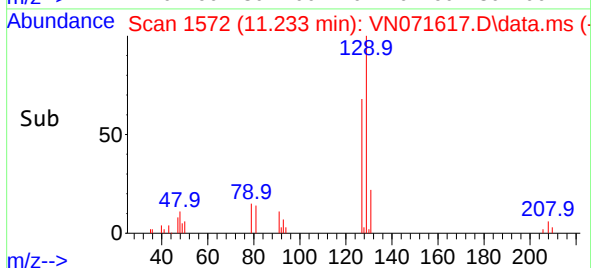
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

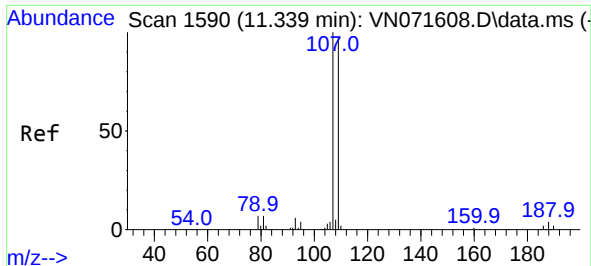


#60
Dibromochloromethane
Concen: 2.236 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09



Tgt Ion:129 Resp: 16333
Ion Ratio Lower Upper
129 100
127 79.3 38.8 116.4





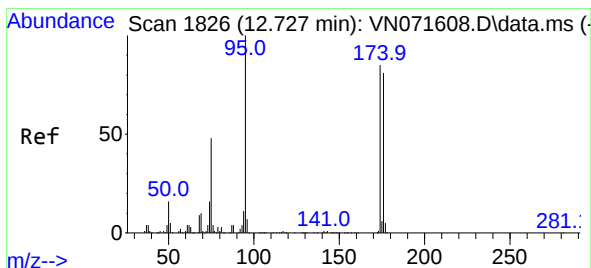
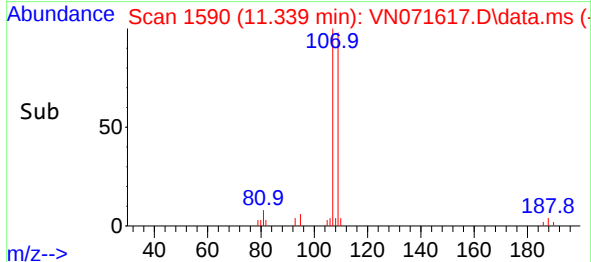
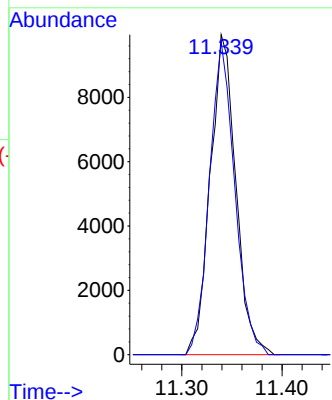
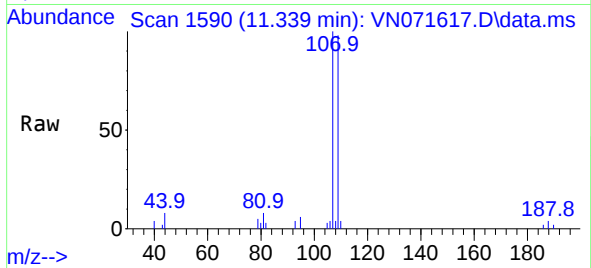
#61
1,2-Dibromoethane
Concen: 2.388 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

Tgt Ion:107 Resp: 17615
Ion Ratio Lower Upper
107 100
109 96.8 75.0 112.6

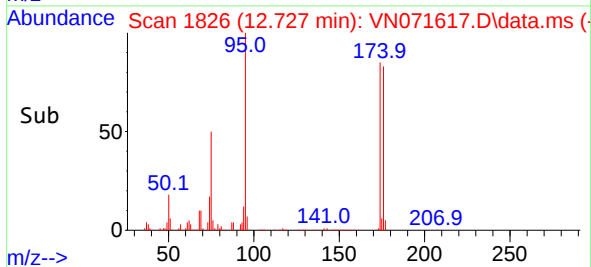
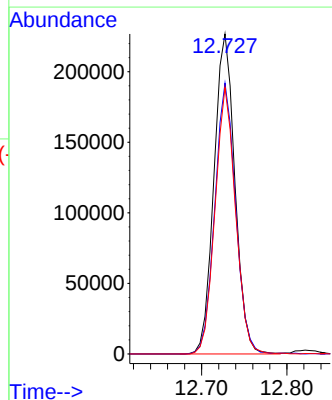
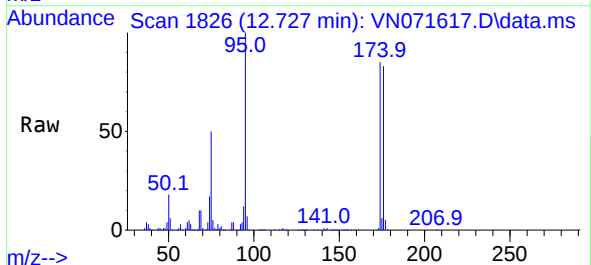
Manual Integrations
APPROVED

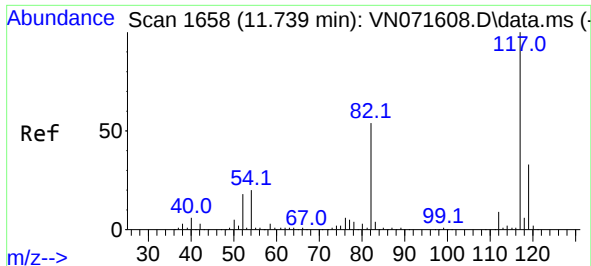
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#62
4-Bromofluorobenzene
Concen: 45.094 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09

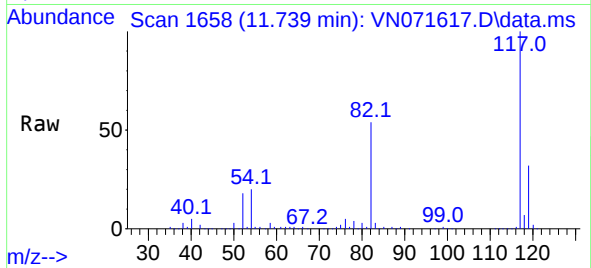
Tgt Ion: 95 Resp: 386778
Ion Ratio Lower Upper
95 100
174 84.2 0.0 167.6
176 81.5 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09

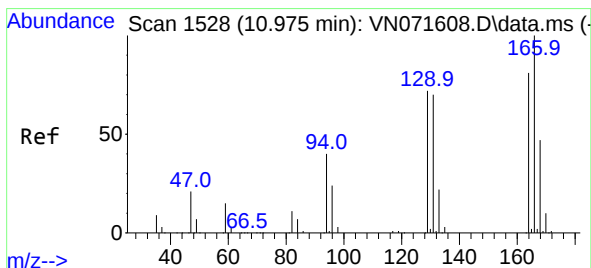
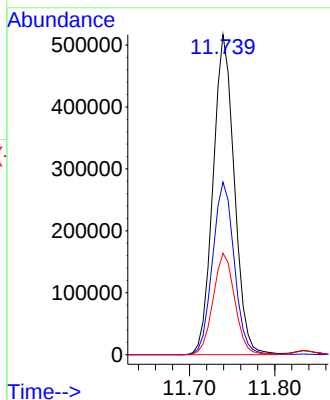
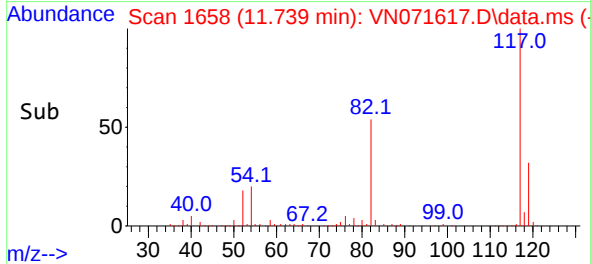
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



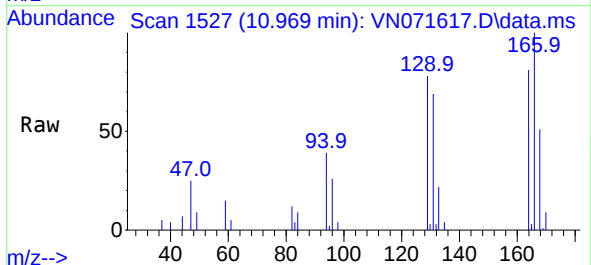
Tgt Ion:117 Resp: 89679
Ion Ratio Lower Upper
117 100
82 53.9 44.2 66.2
119 31.7 25.4 38.0

Manual Integrations
APPROVED

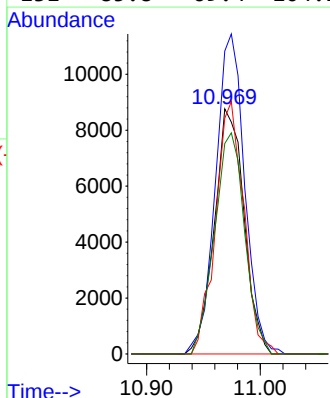
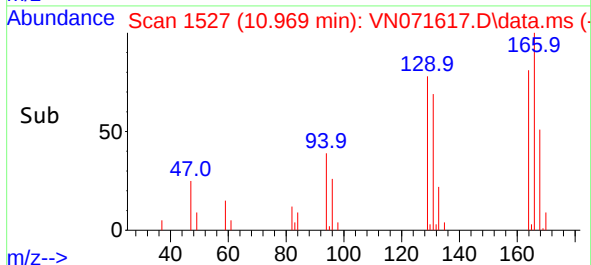
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

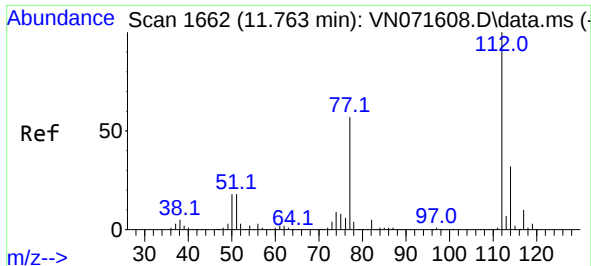


#64
Tetrachloroethene
Concen: 2.563 ug/l
RT: 10.969 min Scan# 1527
Delta R.T. -0.006 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09



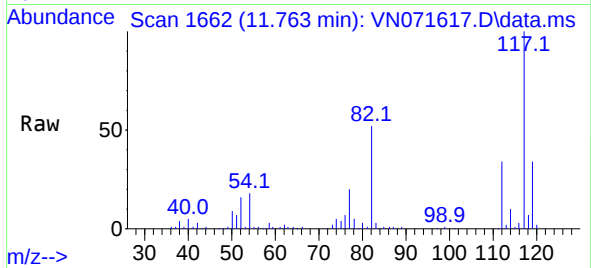
Tgt Ion:164 Resp: 15907
Ion Ratio Lower Upper
164 100
166 123.6 104.2 156.2
129 96.2 73.9 110.9
131 85.8 69.4 104.2





#65
Chlorobenzene
Concen: 2.550 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09

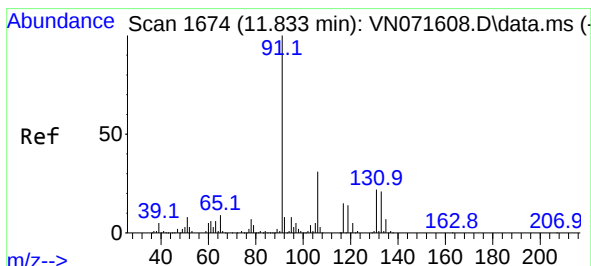
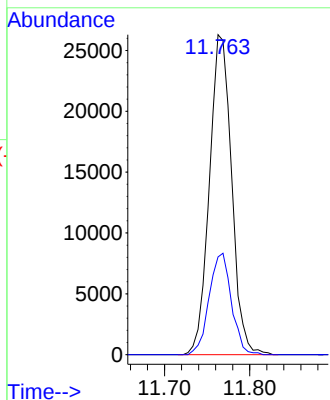
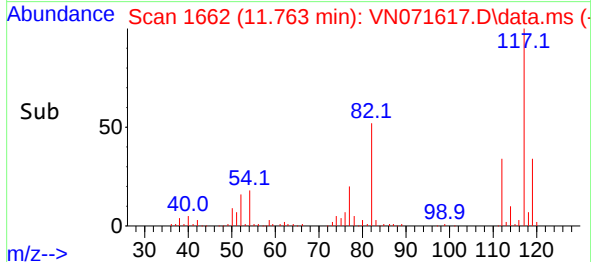
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2022



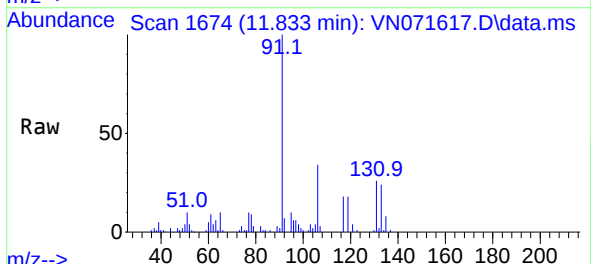
Tgt Ion:112 Resp: 47710
Ion Ratio Lower Upper
112 100
114 30.6 25.4 38.2

Manual Integrations
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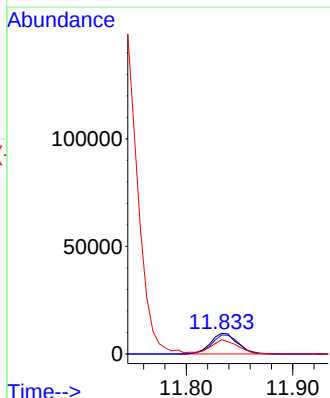
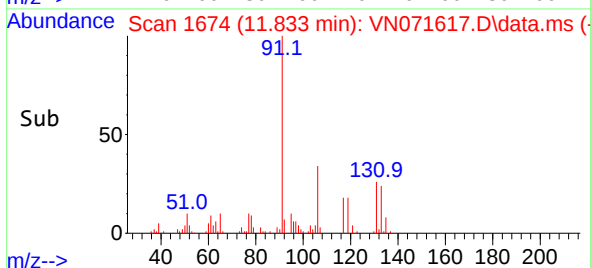
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

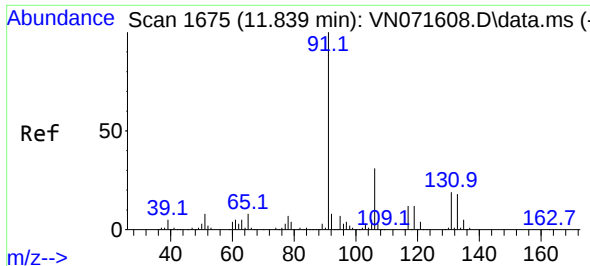


#66
1,1,1,2-Tetrachloroethane
Concen: 2.495 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09



Tgt Ion:131 Resp: 16754
Ion Ratio Lower Upper
131 100
133 93.5 47.8 143.4
119 67.2 33.4 100.2





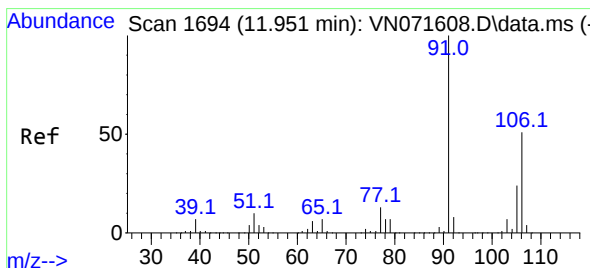
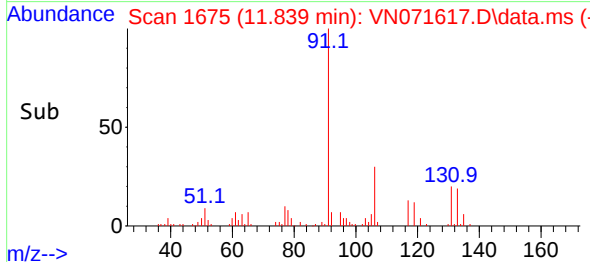
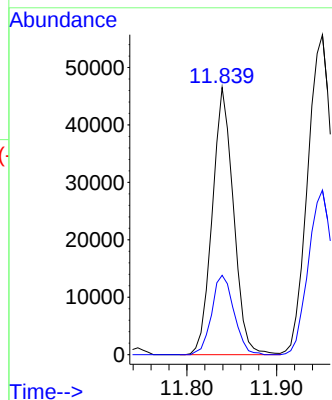
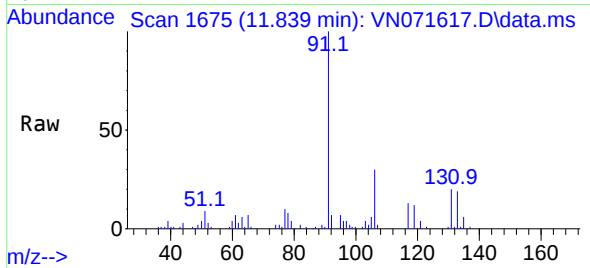
#67
Ethyl Benzene
Concen: 2.362 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

Tgt Ion: 91 Resp: 7631
Ion Ratio Lower Upper
91 100
106 29.7 24.9 37.3

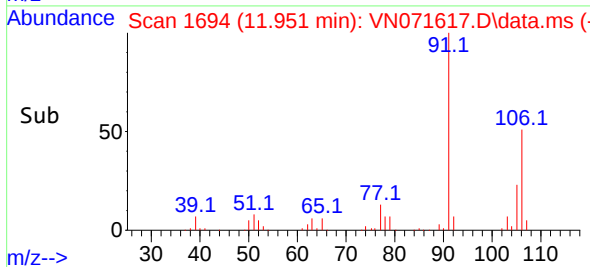
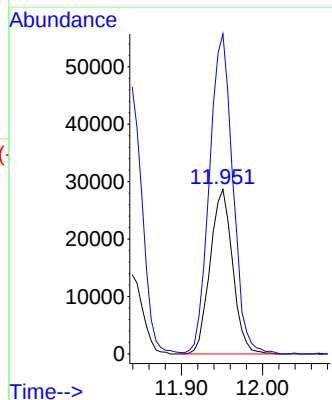
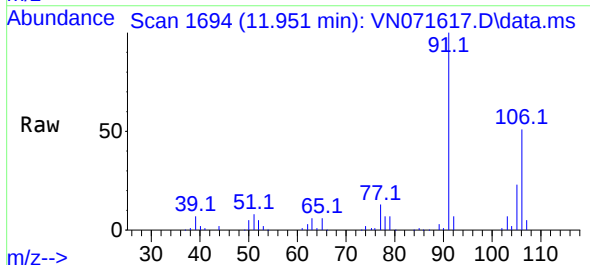
Manual Integrations
APPROVED

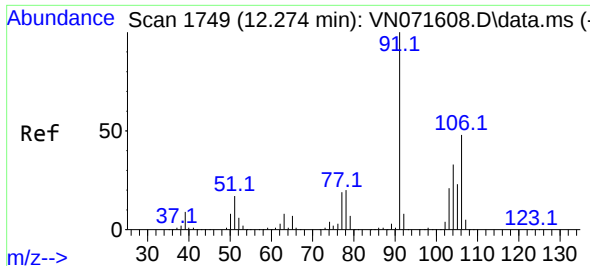
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#68
m/p-Xylenes
Concen: 4.503 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09

Tgt Ion:106 Resp: 55263
Ion Ratio Lower Upper
106 100
91 202.4 158.9 238.3





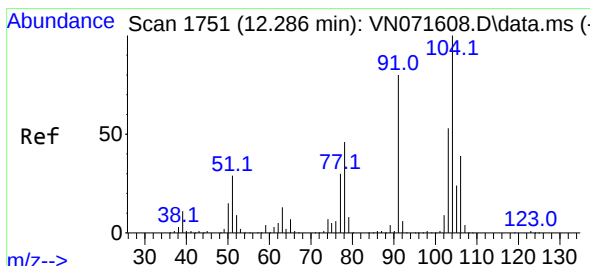
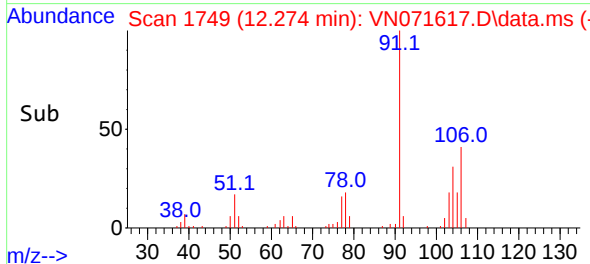
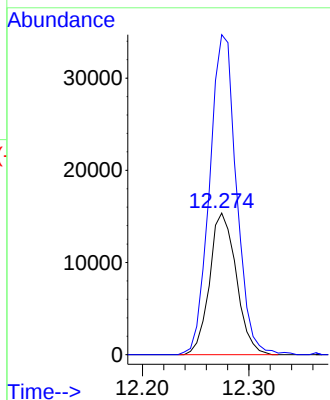
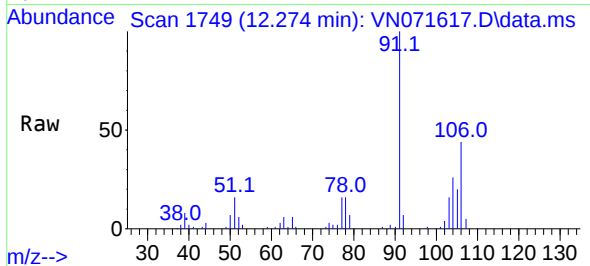
#69
o-Xylene
Concen: 2.169 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09

Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

Tgt Ion:106 Resp: 26749
Ion Ratio Lower Upper
106 100
91 227.4 106.0 318.0

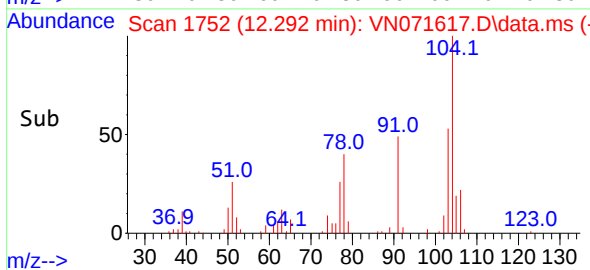
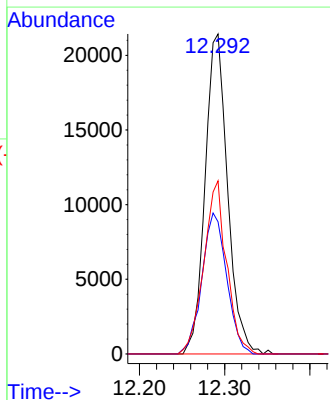
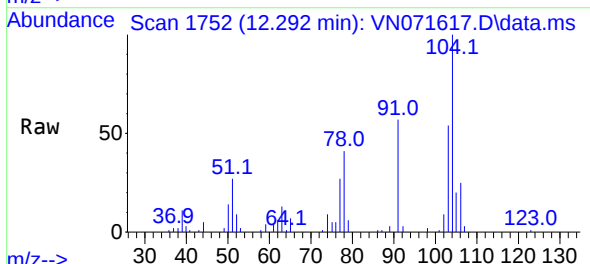
Manual Integrations
APPROVED

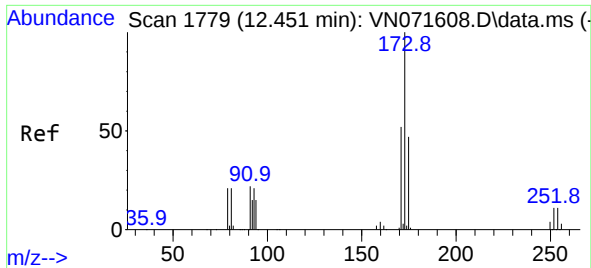
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#70
Styrene
Concen: 2.090 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09

Tgt Ion:104 Resp: 39350
Ion Ratio Lower Upper
104 100
78 48.4 39.5 59.3
103 54.8 44.0 66.0





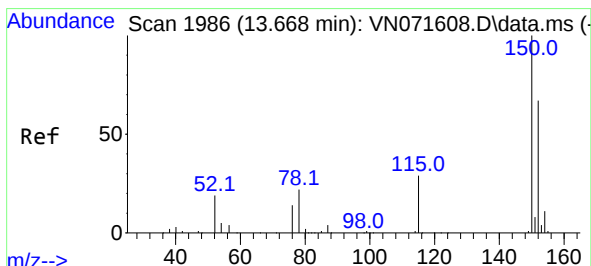
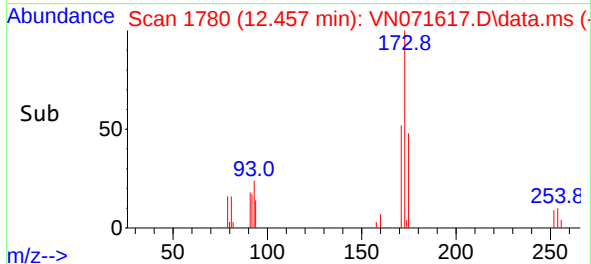
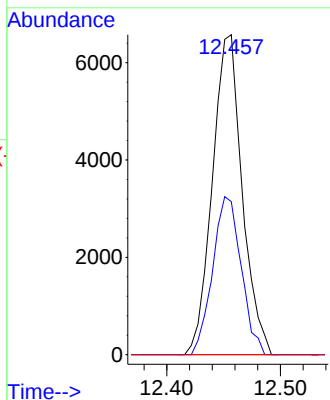
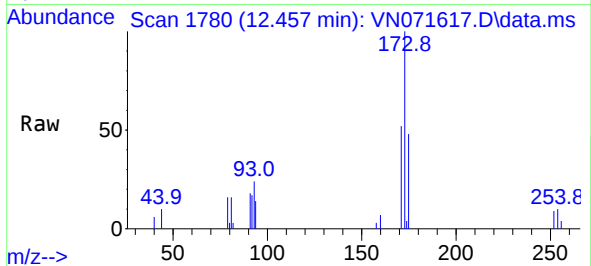
#71
Bromoform
Concen: 2.268 ug/l
RT: 12.457 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

Tgt Ion:173 Resp: 11980
Ion Ratio Lower Upper
173 100
175 47.3 24.6 73.6
254 0.0 0.1 0.1

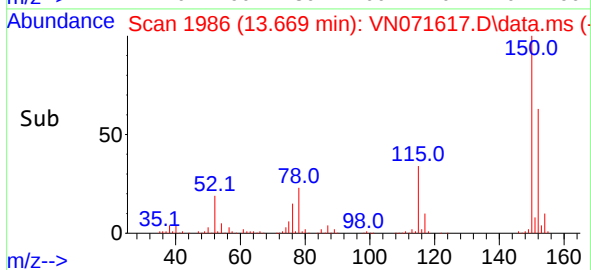
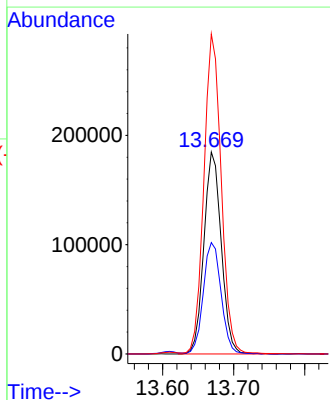
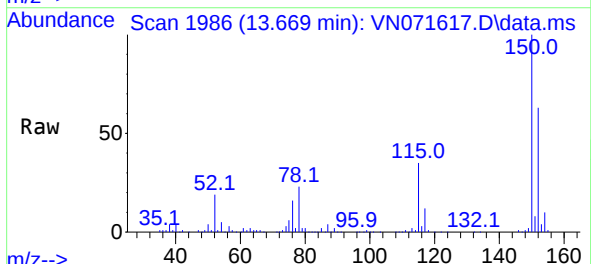
Manual Integrations
APPROVED

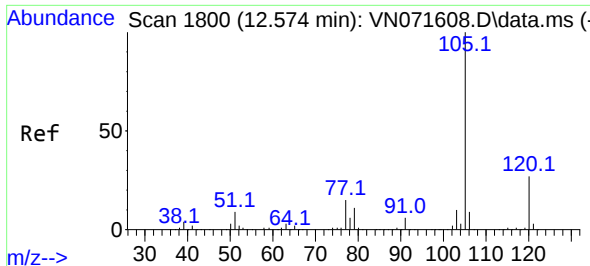
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09

Tgt Ion:152 Resp: 313855
Ion Ratio Lower Upper
152 100
115 56.7 28.9 86.7
150 158.7 0.0 356.2





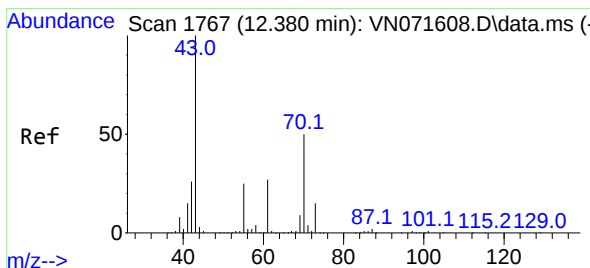
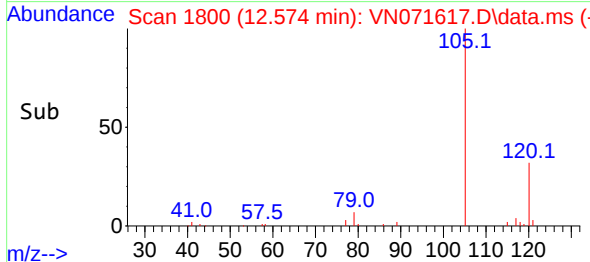
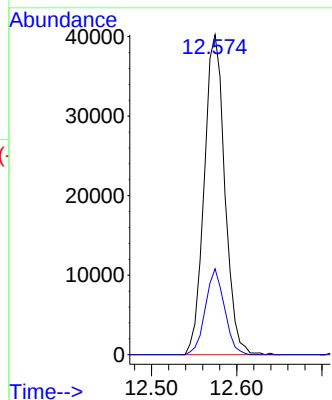
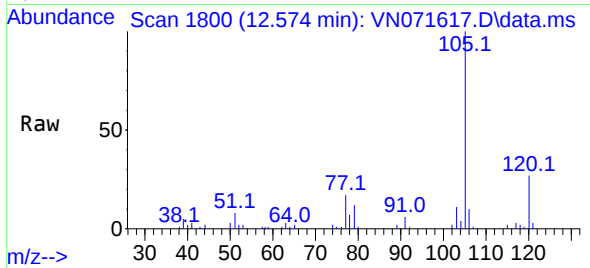
#73
Isopropylbenzene
Concen: 2.459 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

Tgt Ion:105 Resp: 67495
Ion Ratio Lower Upper
105 100
120 24.9 13.5 40.4

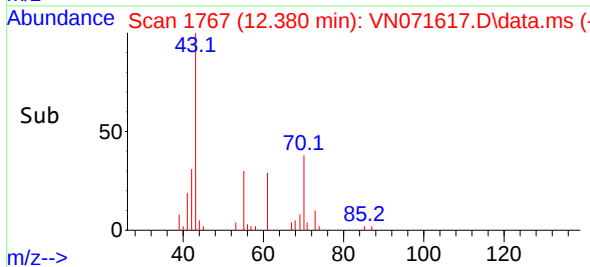
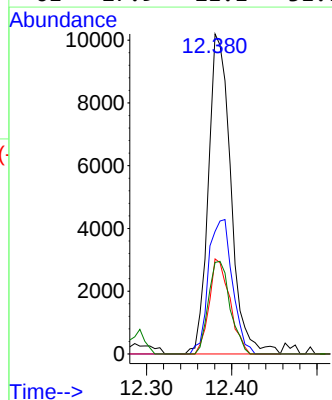
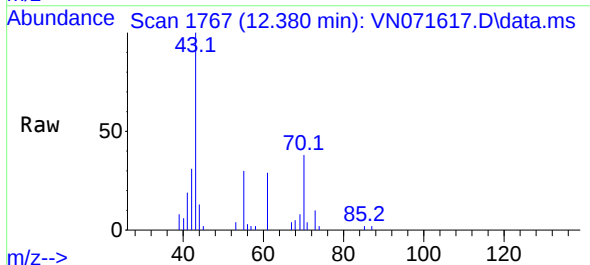
Manual Integrations
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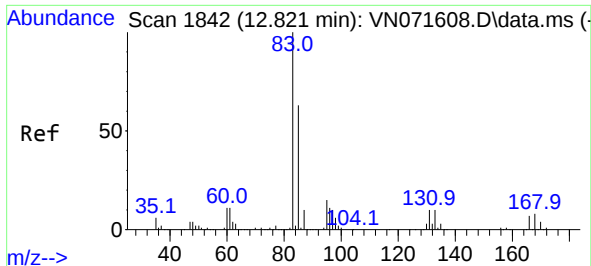
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#74
N-ethyl acetate
Concen: 2.238 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. 0.000 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09

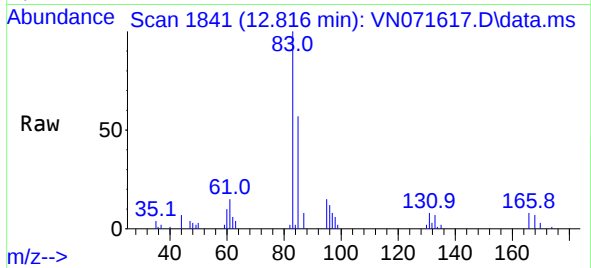
Tgt Ion: 43 Resp: 18655
Ion Ratio Lower Upper
43 100
70 44.9 39.0 58.4
55 27.3 21.1 31.7
61 27.9 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 2.987 ug/l
RT: 12.816 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09

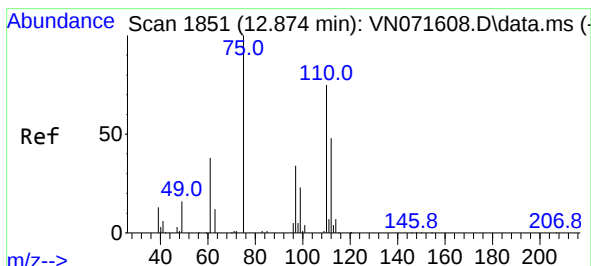
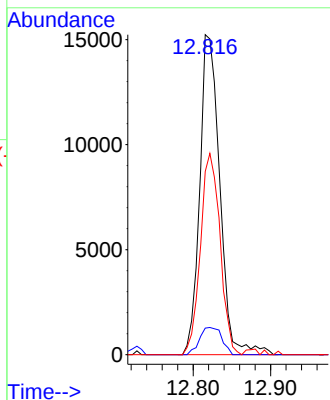
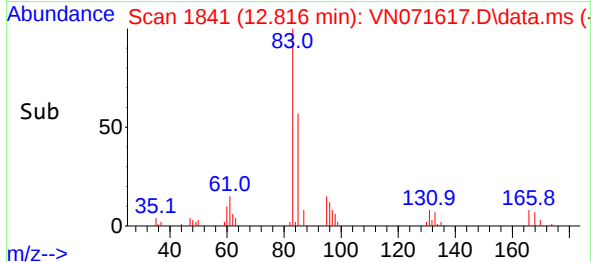
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2022



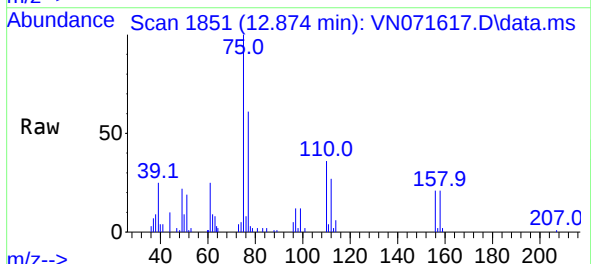
Tgt Ion: 83 Resp: 27449
Ion Ratio Lower Upper
83 100
131 9.4 5.3 15.9
85 61.2 32.3 96.9

Manual Integrations
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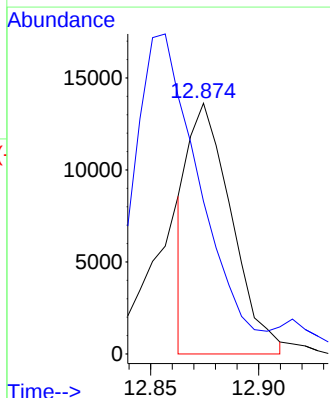
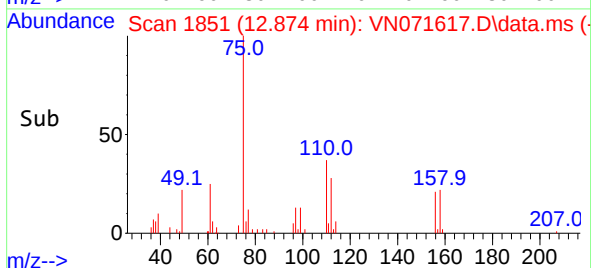
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

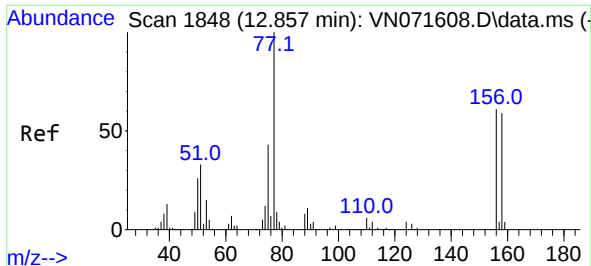


#76
1,2,3-Trichloropropane
Concen: 2.529 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09



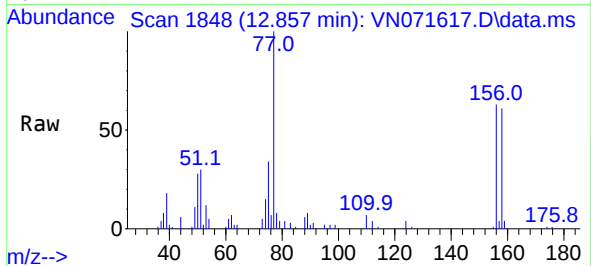
Tgt Ion: 75 Resp: 19057
Ion Ratio Lower Upper
75 100
77 195.6 98.5 295.5





#77
Bromobenzene
Concen: 2.765 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09

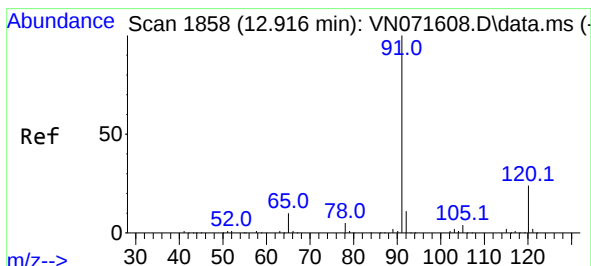
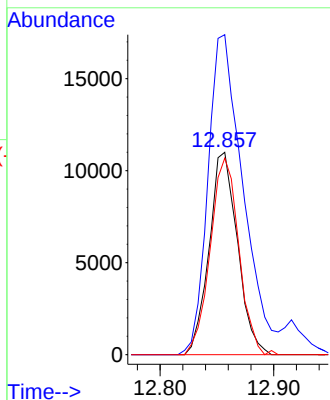
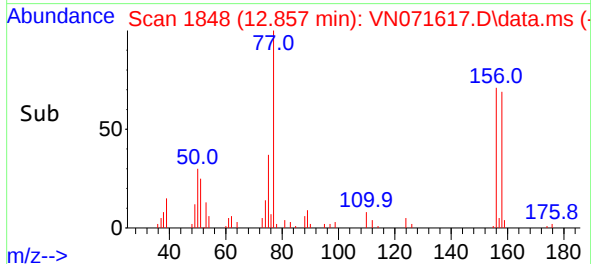
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



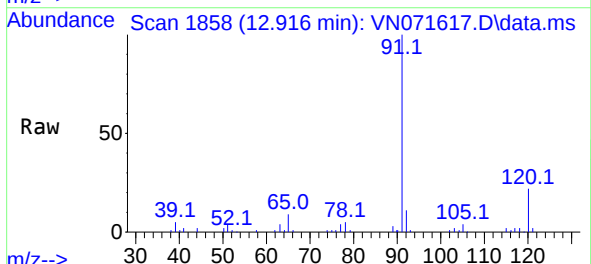
Tgt Ion:156 Resp: 1909
Ion Ratio Lower Upper
156 100
77 195.2 100.5 301.5
158 97.7 48.9 146.6

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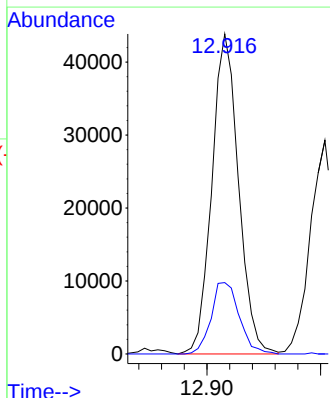
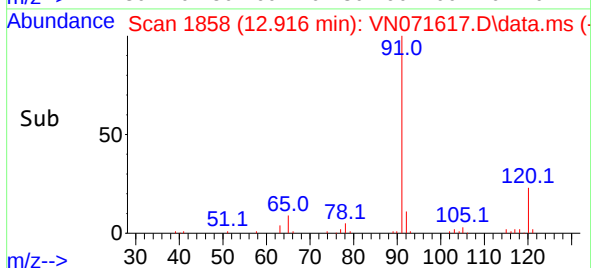
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

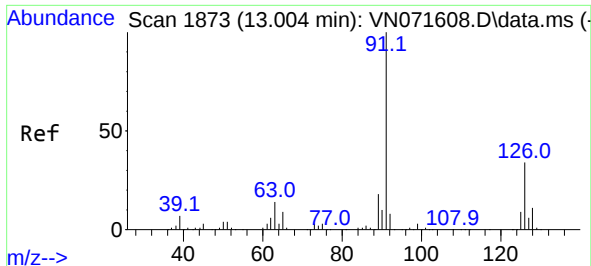


#78
n-propylbenzene
Concen: 2.414 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09



Tgt Ion: 91 Resp: 71461
Ion Ratio Lower Upper
91 100
120 23.5 11.9 35.5





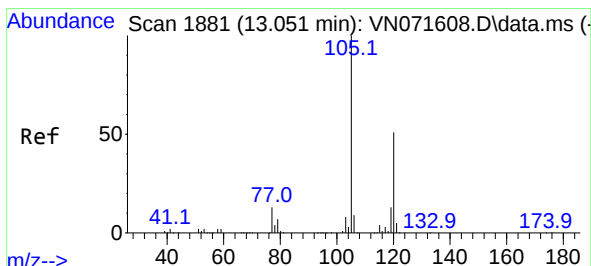
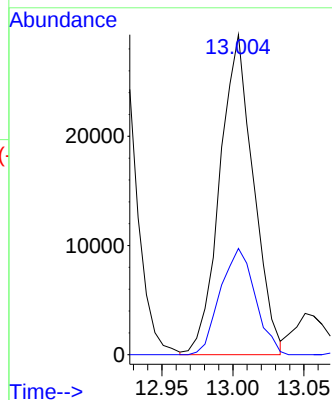
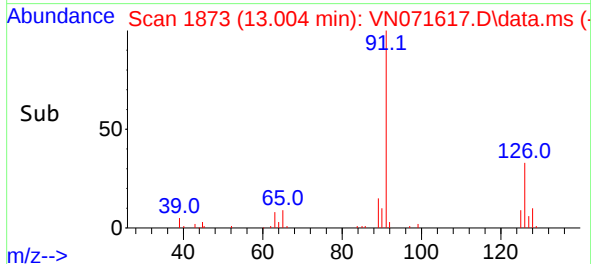
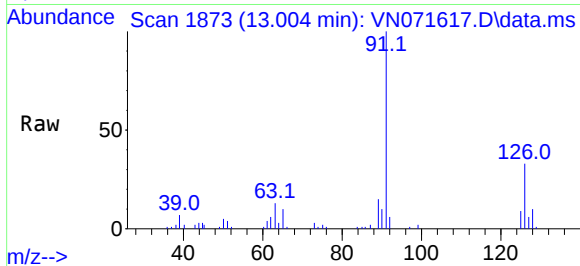
#79
2-Chlorotoluene
Concen: 2.605 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09

Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

Tgt Ion: 91 Resp: 48279
Ion Ratio Lower Upper
91 100
126 34.5 17.3 51.9

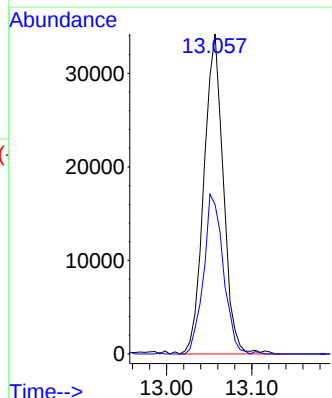
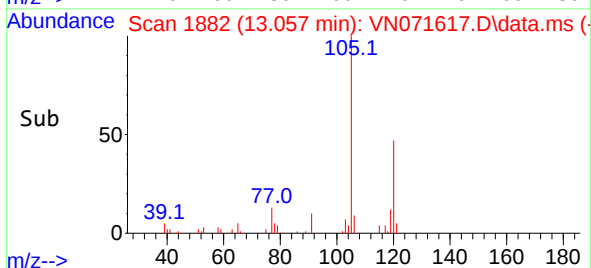
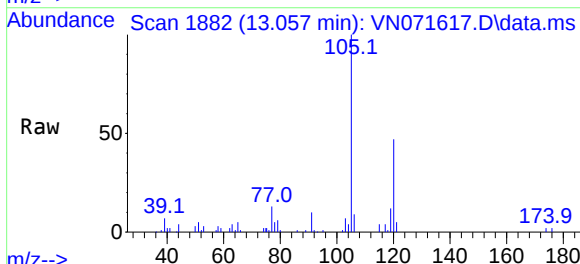
Manual Integrations
APPROVED

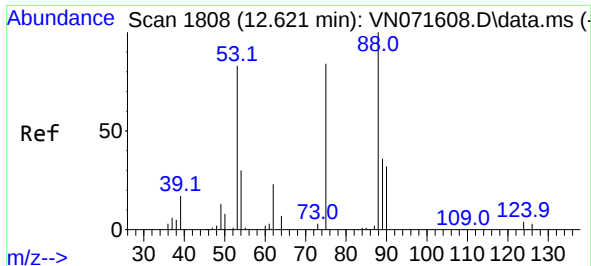
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#80
1,3,5-Trimethylbenzene
Concen: 2.496 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09

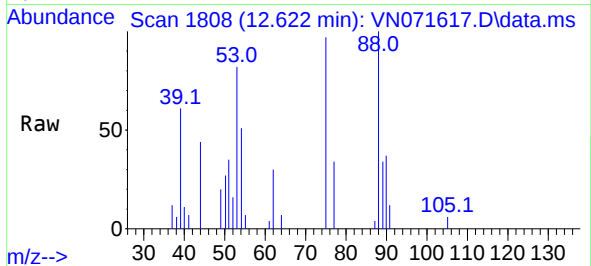
Tgt Ion:105 Resp: 54091
Ion Ratio Lower Upper
105 100
120 50.9 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 2.103 ug/l m
RT: 12.622 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09

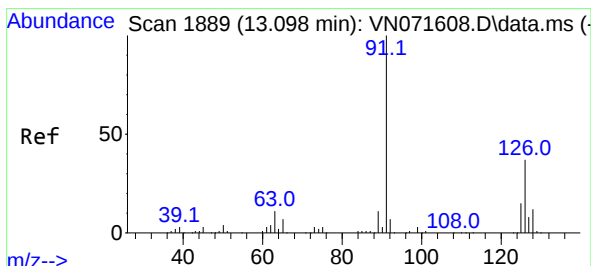
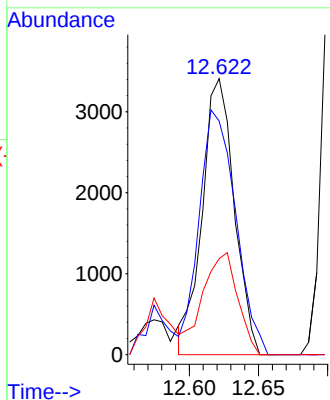
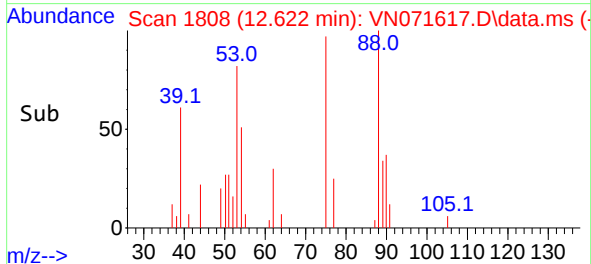
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2022



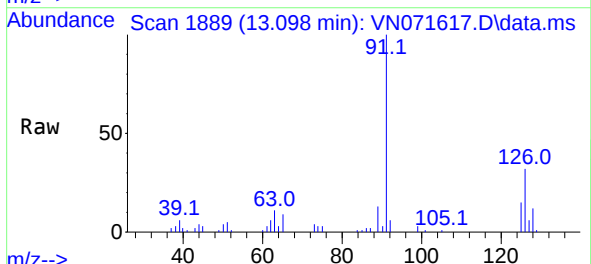
Tgt Ion: 75 Resp: 549
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0
89 0.0 37.2 55.8

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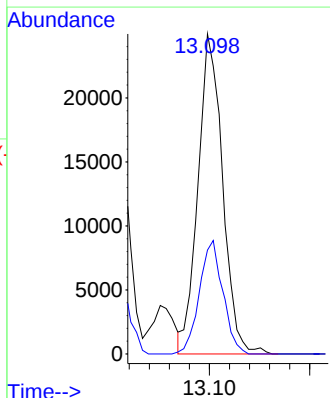
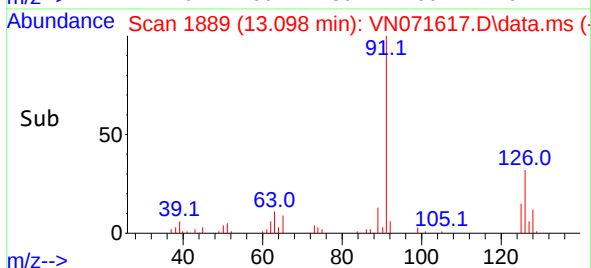
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

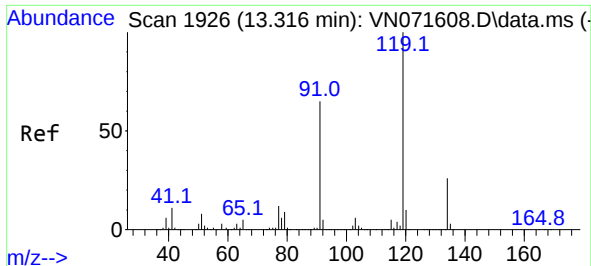


#82
4-Chlorotoluene
Concen: 2.462 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09



Tgt Ion: 91 Resp: 42567
Ion Ratio Lower Upper
91 100
126 33.9 17.2 51.6





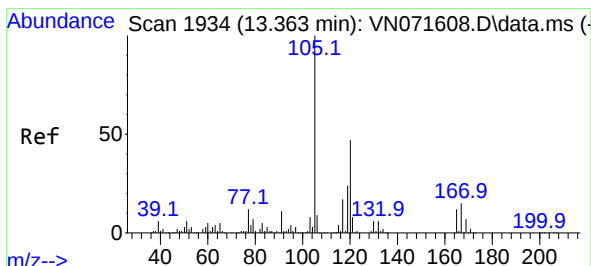
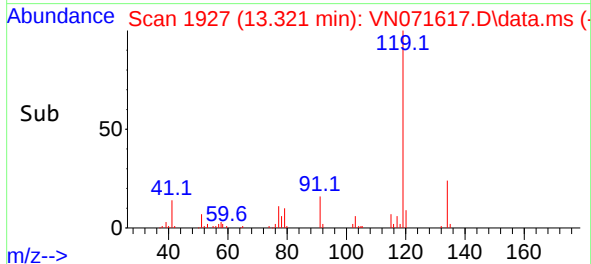
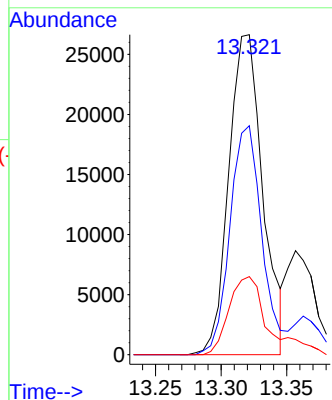
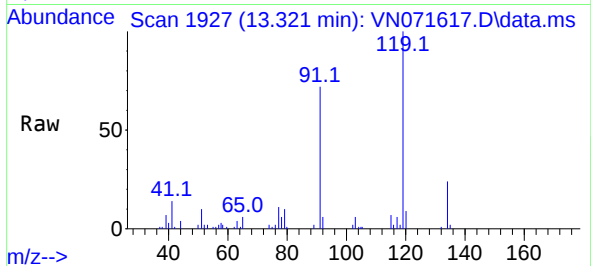
#83
tert-Butylbenzene
Concen: 2.417 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.006 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

Tgt Ion:119 Resp: 48072
Ion Ratio Lower Upper
119 100
91 67.9 31.6 94.8
134 28.0 13.7 41.1

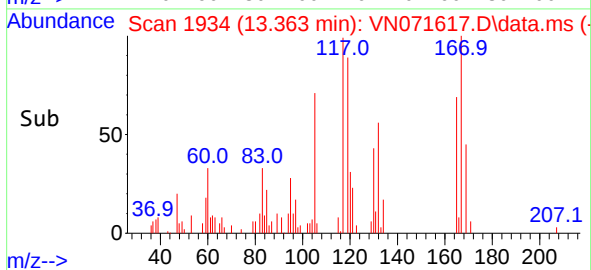
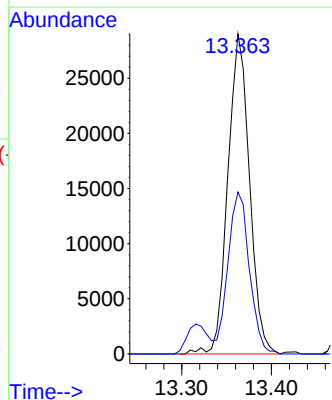
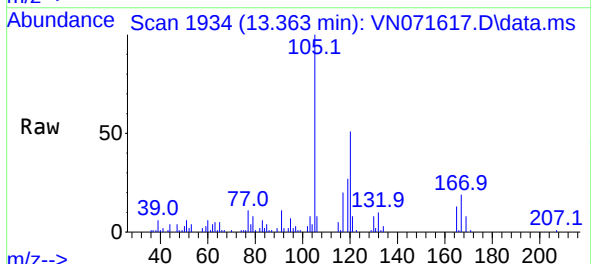
Manual Integrations
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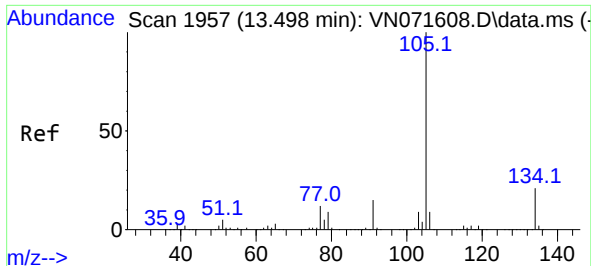
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#84
1,2,4-Trimethylbenzene
Concen: 2.292 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09

Tgt Ion:105 Resp: 48656
Ion Ratio Lower Upper
105 100
120 50.3 23.3 69.8





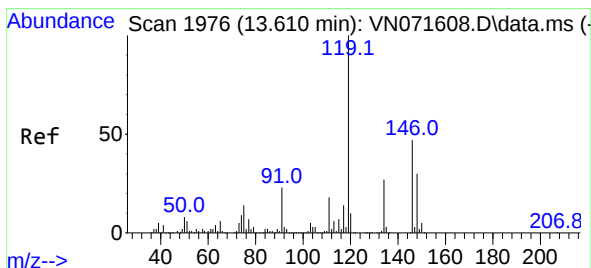
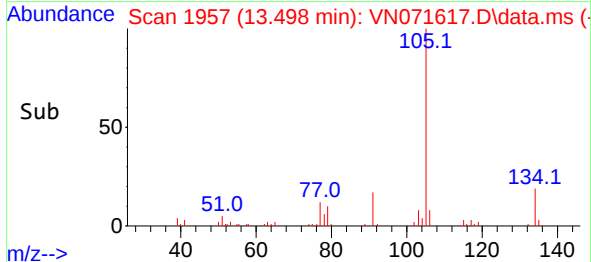
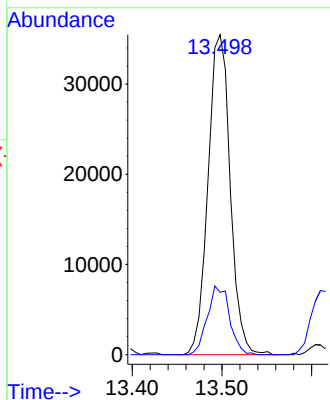
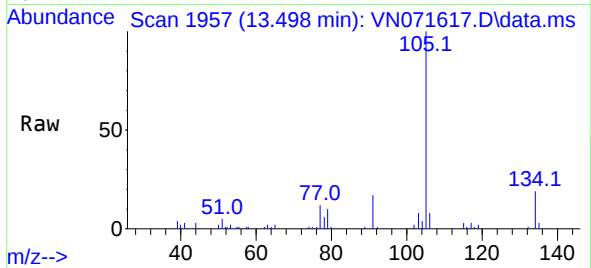
#85
 sec-Butylbenzene
 Concen: 2.317 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN071617.D
 Acq: 28 Mar 2022 21:09

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2022

Tgt Ion:105 Resp: 60892
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.4 31.1

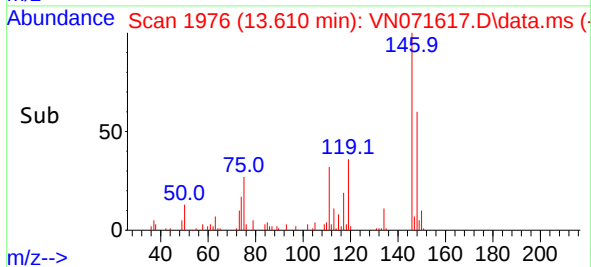
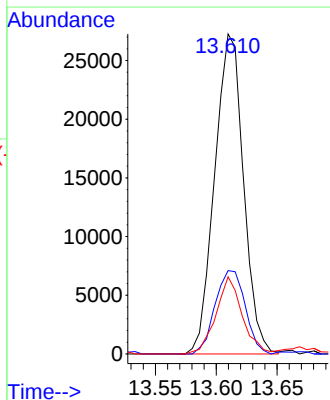
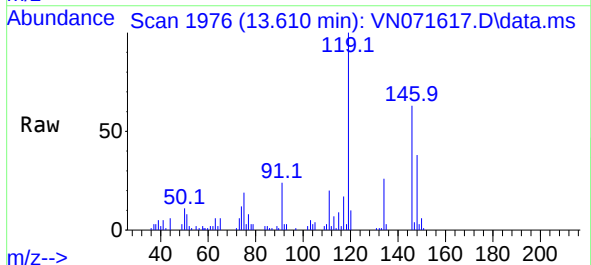
Manual Integrations
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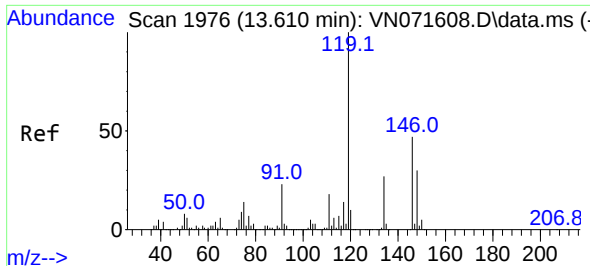
Reviewed By :John Carlone 03/29/2022
 Supervised By :Mahesh Dadoda 03/30/2022



#86
 p-Isopropyltoluene
 Concen: 2.150 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN071617.D
 Acq: 28 Mar 2022 21:09

Tgt Ion:119 Resp: 44881
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.3 39.8
 91 22.0 11.3 33.9





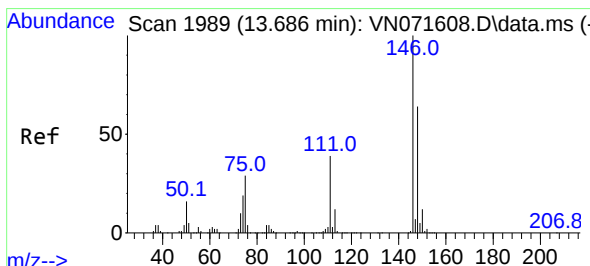
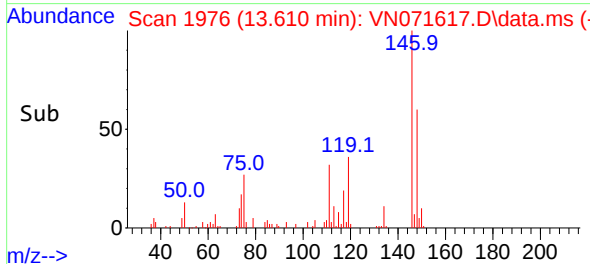
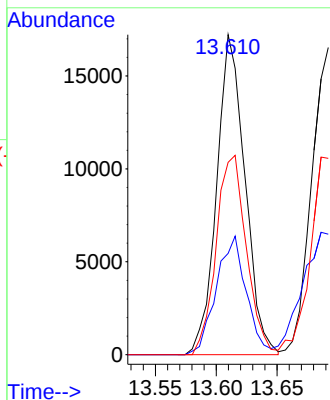
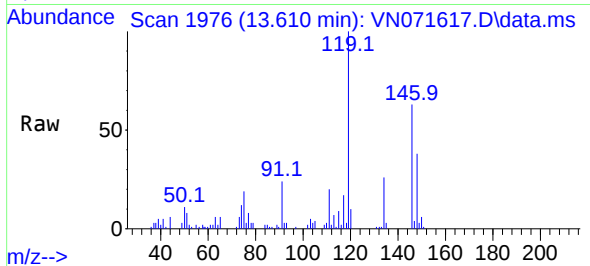
#87
1,3-Dichlorobenzene
Concen: 2.501 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2022

Tgt Ion:146 Resp: 2787
Ion Ratio Lower Upper
146 100
111 39.3 20.0 60.0
148 66.7 32.0 96.0

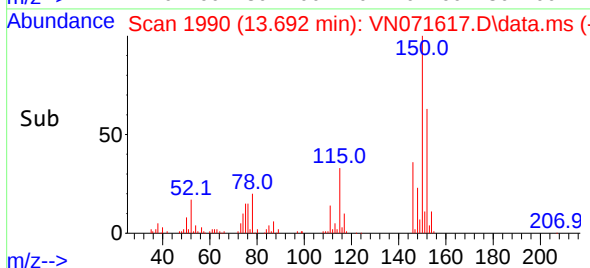
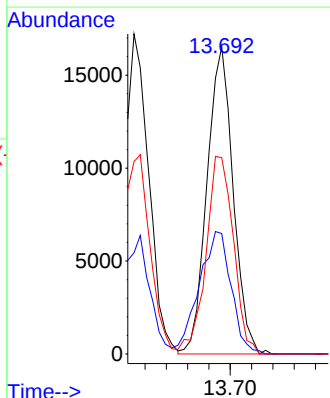
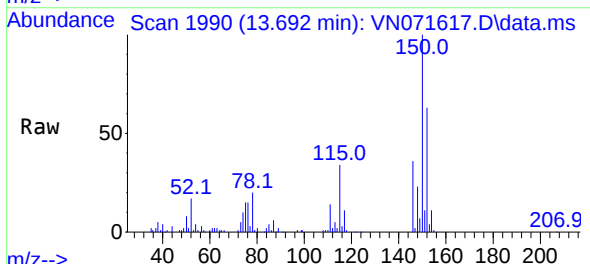
Manual Integrations
APPROVED

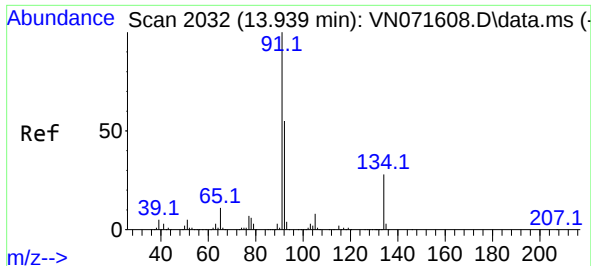
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#88
1,4-Dichlorobenzene
Concen: 2.542 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.006 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09

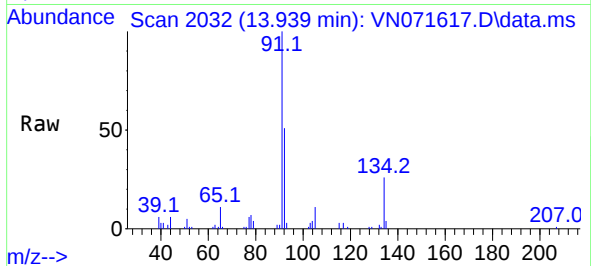
Tgt Ion:146 Resp: 28122
Ion Ratio Lower Upper
146 100
111 49.0 19.1 57.1
148 67.5 31.4 94.3





#89
n-Butylbenzene
Concen: 2.044 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09

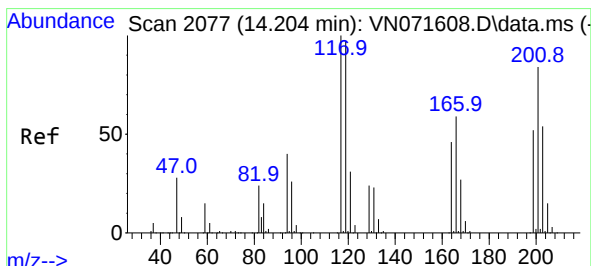
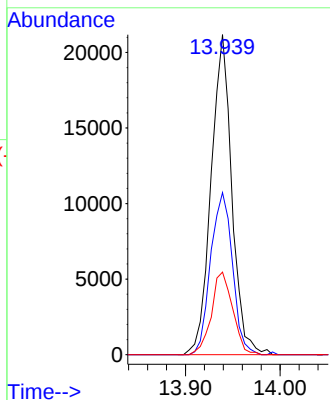
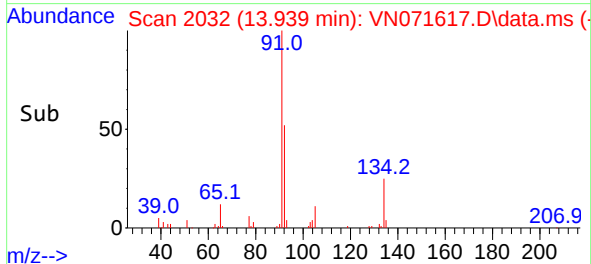
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



Tgt Ion: 91 Resp: 3224
Ion Ratio Lower Upper
91 100
92 53.2 26.9 80.7
134 26.6 13.6 40.8

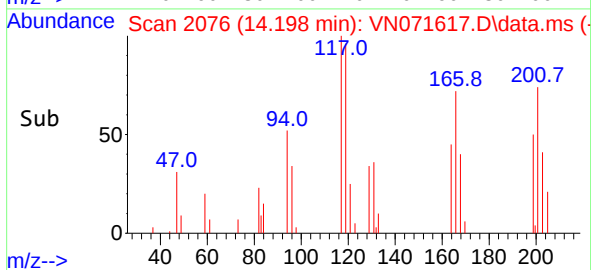
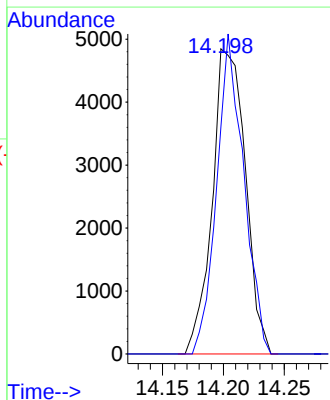
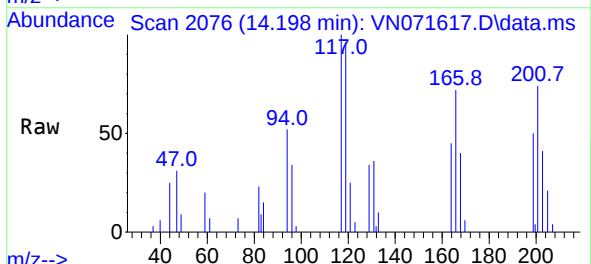
Manual Integrations
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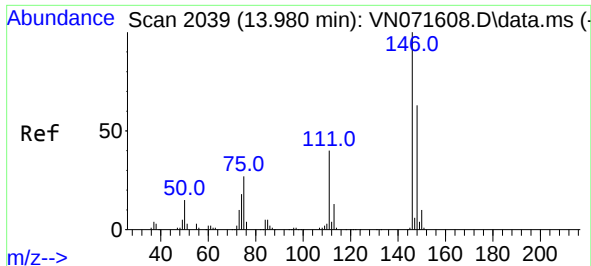
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#90
Hexachloroethane
Concen: 2.339 ug/l
RT: 14.198 min Scan# 2076
Delta R.T. -0.006 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09

Tgt Ion:117 Resp: 9169
Ion Ratio Lower Upper
117 100
201 85.6 40.6 122.0





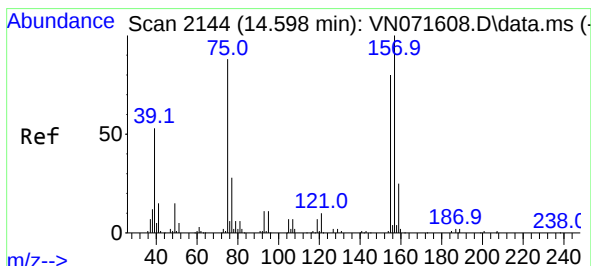
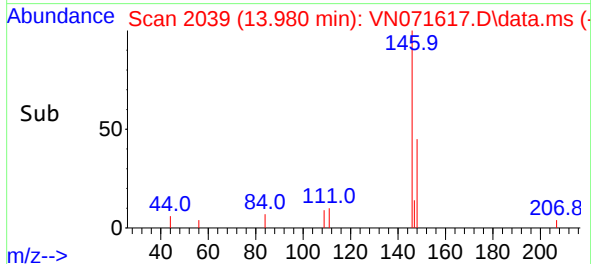
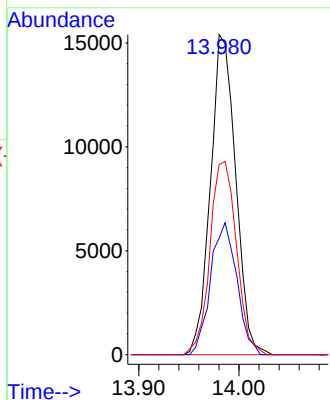
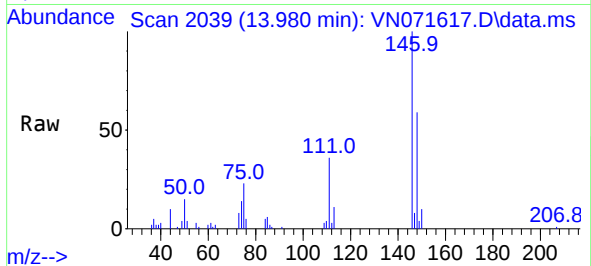
#91
1,2-Dichlorobenzene
Concen: 2.464 ug/l
RT: 13.980 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

Tgt Ion:146 Resp: 2690
Ion Ratio Lower Upper
146 100
111 42.9 20.9 62.8
148 63.5 32.1 96.3

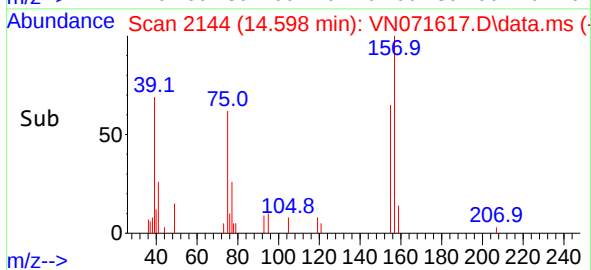
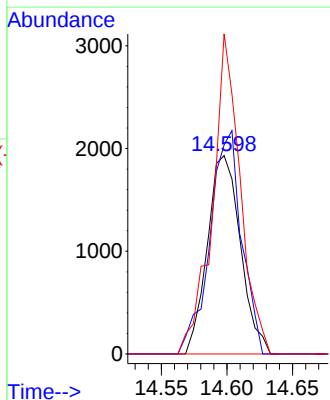
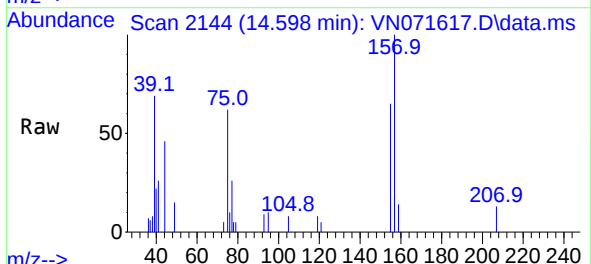
Manual Integrations
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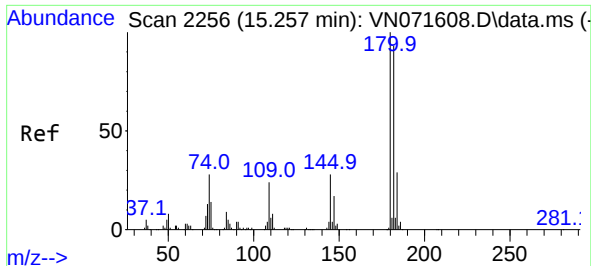
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.136 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09

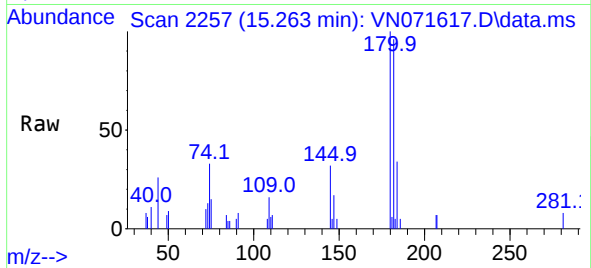
Tgt Ion: 75 Resp: 3393
Ion Ratio Lower Upper
75 100
155 107.8 44.9 134.5
157 135.4 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 1.769 ug/l
RT: 15.263 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09

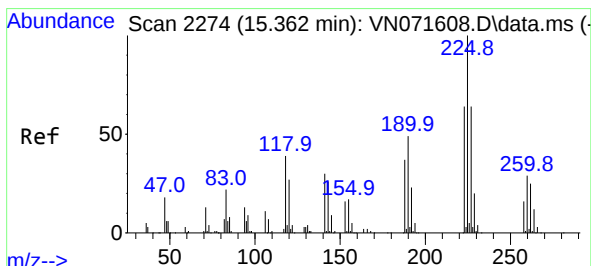
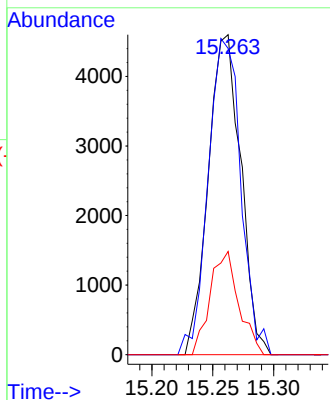
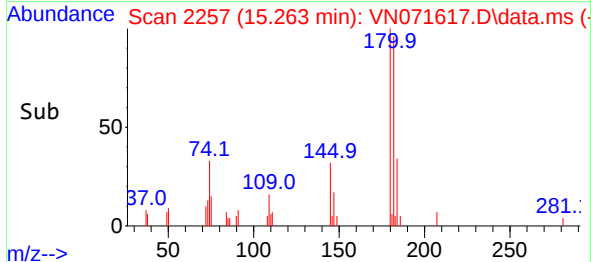
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



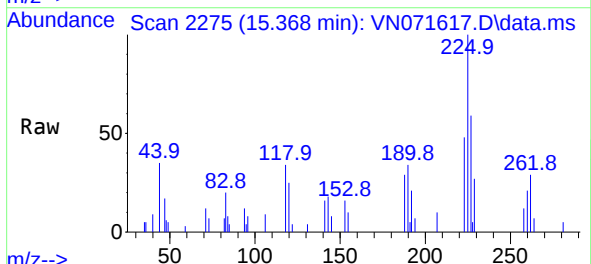
Tgt Ion:180 Resp: 8530
Ion Ratio Lower Upper
180 100
182 99.5 47.5 142.5
145 28.5 14.5 43.5

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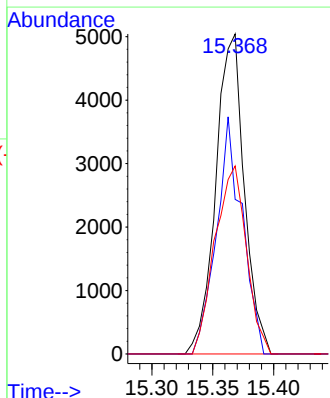
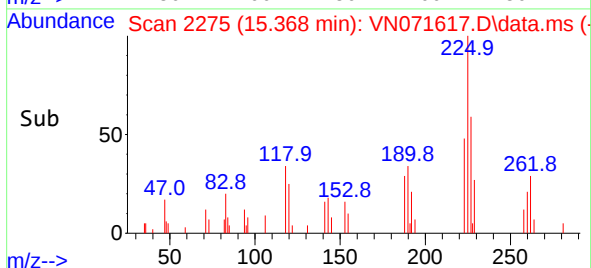
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

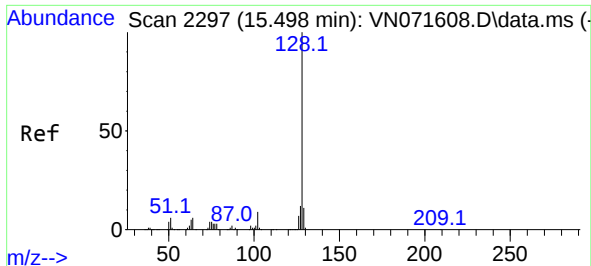


#94
Hexachlorobutadiene
Concen: 2.708 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.006 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09



Tgt Ion:225 Resp: 8230
Ion Ratio Lower Upper
225 100
223 66.7 32.4 97.2
227 64.7 31.8 95.4





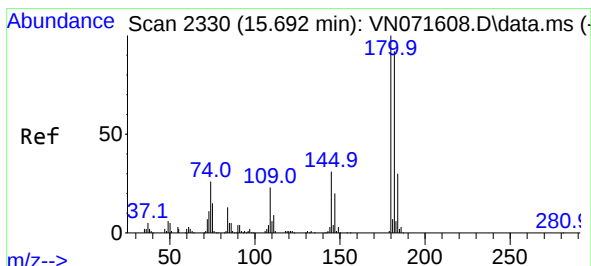
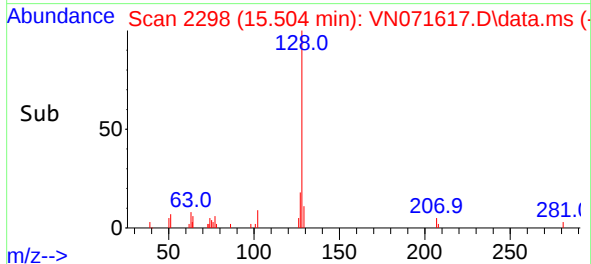
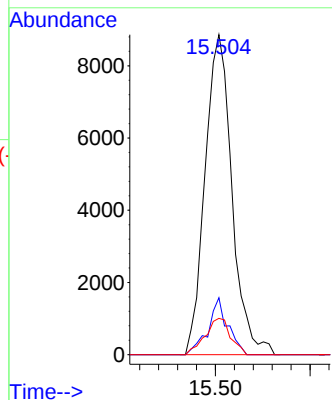
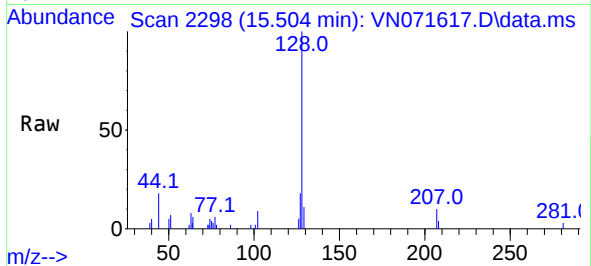
#95
Naphthalene
Concen: 1.333 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

Tgt Ion:128 Resp: 1751
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.7 8.6 13.0

Manual Integrations
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Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#96
1,2,3-Trichlorobenzene
Concen: 1.510 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN071617.D
Acq: 28 Mar 2022 21:09

Tgt Ion:180 Resp: 7291
Ion Ratio Lower Upper
180 100
182 103.6 47.8 143.3
145 29.3 15.5 46.5

