

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060822\
 Data File : VN072713.D
 Acq On : 08 Jun 2022 22:20
 Operator : JC\MD
 Sample : N3214-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2022

Quant Time: Jun 09 06:09:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 05:53:33 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/09/2022
 Supervised By : Mahesh Dadoda 06/09/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	156662	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.969	114	298126	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	283058	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	110845	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	234629	55.802	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 111.600%			
35) Dibromofluoromethane	8.022	113	156327	52.994	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.980%			
50) Toluene-d8	10.439	98	593457	50.423	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.840%			
62) 4-Bromofluorobenzene	12.727	95	167922	41.578	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 83.160%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.075	85	2101	0.827	ug/l	96
3) Chloromethane	2.299	50	3124	1.032	ug/l	# 86
4) Vinyl Chloride	2.434	62	2638	0.948	ug/l	# 88
5) Bromomethane	2.846	94	2125	1.556	ug/l	# 50
6) Chloroethane	3.010	64	1727	0.881	ug/l	94
7) Trichlorofluoromethane	3.369	101	3667	0.828	ug/l	# 83
8) Diethyl Ether	3.845	74	1422	0.790	ug/l	# 7
9) 1,1,2-Trichlorotrifluo...	4.210	101	1770m	0.730	ug/l	
10) Methyl Iodide	4.422	142	1097	0.485	ug/l	# 88
11) Tert butyl alcohol	5.310	59	8160m	8.135	ug/l	
12) 1,1-Dichloroethene	4.181	96	1693	0.749	ug/l	# 88
13) Acrolein	4.051	56	1832	4.422	ug/l	# 78
14) Allyl chloride	4.834	41	4424	0.848	ug/l	# 81
15) Acrylonitrile	5.569	53	7981	3.755	ug/l	# 35
16) Acetone	4.298	43	9902m	4.915	ug/l	
17) Carbon Disulfide	4.528	76	5483	0.961	ug/l	98
18) Methyl Acetate	4.869	43	5071m	0.967	ug/l	
19) Methyl tert-butyl Ether	5.610	73	7885	0.771	ug/l	92
20) Methylene Chloride	5.110	84	3472	1.092	ug/l	# 74
21) trans-1,2-Dichloroethene	5.592	96	2188	0.879	ug/l	# 69
22) Diisopropyl ether	6.487	45	8237	0.779	ug/l	# 73
23) Vinyl Acetate	6.434	43	36471	3.766	ug/l	98
24) 1,1-Dichloroethane	6.386	63	4737	0.862	ug/l	# 82
25) 2-Butanone	7.339	43	14788m	4.563	ug/l	
26) 2,2-Dichloropropane	7.310	77	4765	0.959	ug/l	79
27) cis-1,2-Dichloroethene	7.328	96	2755m	0.870	ug/l	
28) Bromochloromethane	7.657	49	2125	0.819	ug/l	# 32
29) Tetrahydrofuran	7.692	42	8637	4.313	ug/l	87
30) Chloroform	7.810	83	4593	0.802	ug/l	91
31) Cyclohexane	8.092	56	8769	1.845	ug/l	# 72
32) 1,1,1-Trichloroethane	8.016	97	3993	0.789	ug/l	# 47
36) 1,1-Dichloropropene	8.222	75	3179	0.776	ug/l	# 86
37) Ethyl Acetate	7.410	43	6454m	1.015	ug/l	
38) Carbon Tetrachloride	8.198	117	3272	0.748	ug/l	# 77
39) Methylcyclohexane	9.463	83	3886	0.818	ug/l	# 83
40) Benzene	8.457	78	9909	0.797	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	1333m	0.622	ug/l	
42) 1,2-Dichloroethane	8.533	62	4528	0.879	ug/l	78
43) Isopropyl Acetate	8.563	43	7579	0.765	ug/l #	86
44) Trichloroethene	9.222	130	2127	0.735	ug/l	72
45) 1,2-Dichloropropane	9.498	63	2304	0.686	ug/l #	89
46) Dibromomethane	9.575	93	1902	0.810	ug/l #	72
47) Bromodichloromethane	9.763	83	3695	0.766	ug/l #	96
48) Methyl methacrylate	9.557	41	3314	0.707	ug/l #	78
49) 1,4-Dioxane	9.575	88	1315	15.347	ug/l	95
51) 4-Methyl-2-Pentanone	10.333	43	21995	3.409	ug/l	91
52) Toluene	10.498	92	5763	0.743	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	3595	0.671	ug/l #	86
54) cis-1,3-Dichloropropene	10.186	75	4259	0.769	ug/l #	83
55) 1,1,2-Trichloroethane	10.898	97	2470	0.738	ug/l #	84
56) Ethyl methacrylate	10.763	69	3941	0.666	ug/l #	74
57) 1,3-Dichloropropane	11.045	76	4445	0.744	ug/l	91
58) 2-Chloroethyl Vinyl ether	10.039	63	6932	2.937	ug/l	92
59) 2-Hexanone	11.086	43	16043	3.381	ug/l	89
60) Dibromochloromethane	11.233	129	2270	0.653	ug/l	99
61) 1,2-Dibromoethane	11.339	107	2158	0.629	ug/l	99
64) Tetrachloroethene	10.980	164	1749	0.734	ug/l	86
65) Chlorobenzene	11.774	112	6395	0.848	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.839	131	2124	0.708	ug/l #	62
67) Ethyl Benzene	11.839	91	10202	0.719	ug/l	96
68) m/p-Xylenes	11.951	106	7105	1.410	ug/l	86
69) o-Xylene	12.286	106	3031	0.598	ug/l	63
70) Styrene	12.286	104	5175	0.650	ug/l	89
71) Bromoform	12.457	173	1147	0.543	ug/l #	83
73) Isopropylbenzene	12.574	105	8770	0.738	ug/l	100
74) N-amyl acetate	12.386	43	4085	0.739	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	12.827	83	3258	0.789	ug/l	95
76) 1,2,3-Trichloropropane	12.880	75	2996m	0.838	ug/l	
77) Bromobenzene	12.857	156	1798	0.767	ug/l	63
78) n-propylbenzene	12.915	91	8919	0.687	ug/l	96
79) 2-Chlorotoluene	13.004	91	6294	0.773	ug/l	89
80) 1,3,5-Trimethylbenzene	13.057	105	7008	0.744	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.621	75	830m	0.607	ug/l	
82) 4-Chlorotoluene	13.104	91	6349	0.844	ug/l	85
83) tert-Butylbenzene	13.321	119	6842	0.827	ug/l	93
84) 1,2,4-Trimethylbenzene	13.363	105	6784	0.753	ug/l	94
85) sec-Butylbenzene	13.498	105	7657	0.686	ug/l	100
86) p-Isopropyltoluene	13.615	119	5303	0.604	ug/l	93
87) 1,3-Dichlorobenzene	13.615	146	3412	0.857	ug/l	83
88) 1,4-Dichlorobenzene	13.692	146	3403m	0.873	ug/l	
89) n-Butylbenzene	13.945	91	5125	0.693	ug/l	93
90) Hexachloroethane	14.210	117	1411	0.742	ug/l	77
91) 1,2-Dichlorobenzene	13.980	146	3391	0.869	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.598	75	740	0.742	ug/l	74
93) 1,2,4-Trichlorobenzene	15.257	180	1531	0.816	ug/l	97
94) Hexachlorobutadiene	15.368	225	660	0.785	ug/l #	35
95) Naphthalene	15.504	128	5544	0.761	ug/l	98
96) 1,2,3-Trichlorobenzene	15.704	180	1480	0.792	ug/l	83

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LOD-MDL-WATER-01-QT2-2022

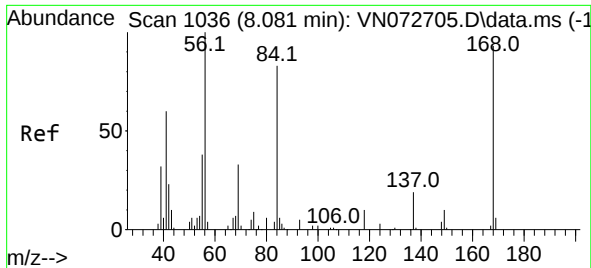
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 06/09/2022

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
Quant Title : SW846 8260
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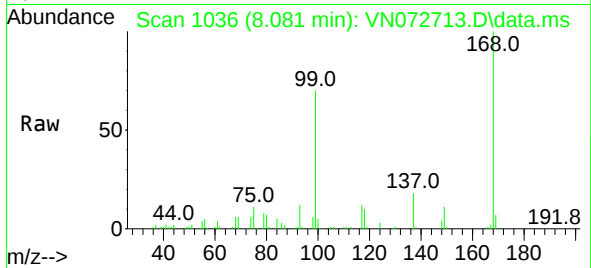
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20

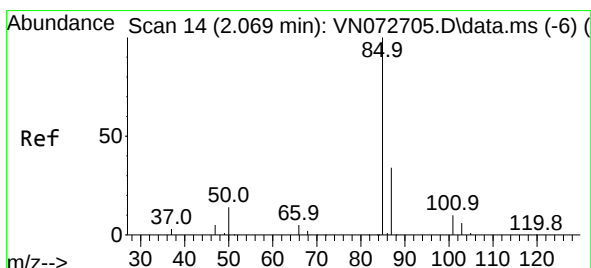
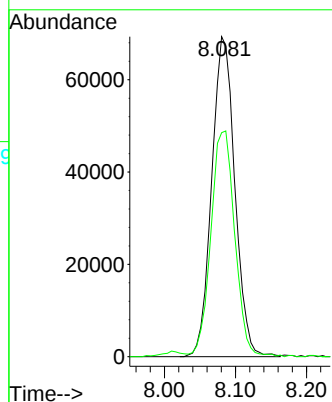
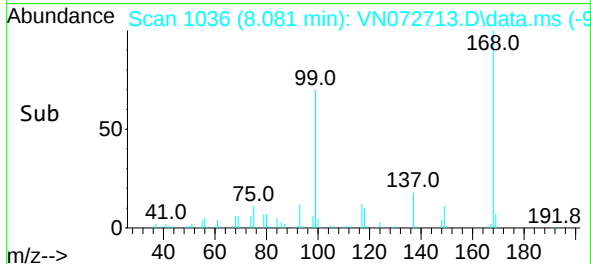
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ClientSampleId : LOD-MDL-WATER-01-QT2-2022



Tgt Ion:168 Resp: 156662
Ion Ratio Lower Upper
168 100
99 69.5 42.3 63.5

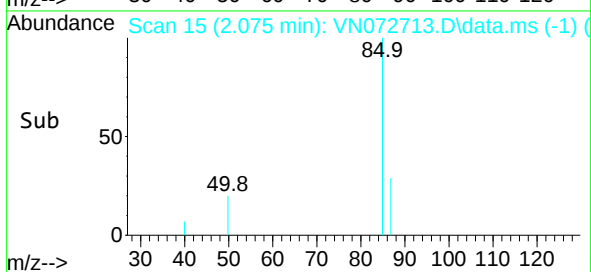
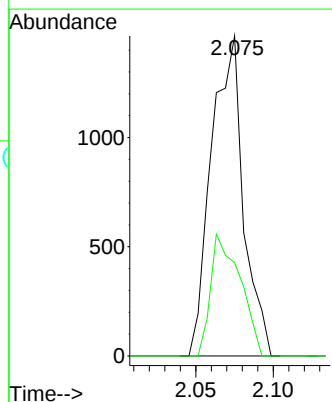
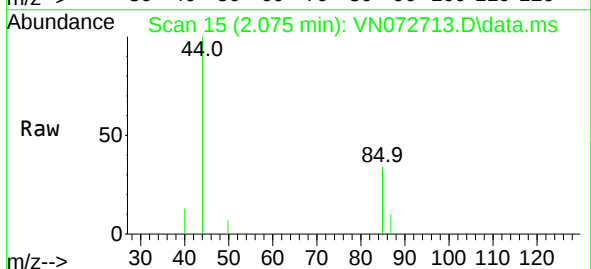
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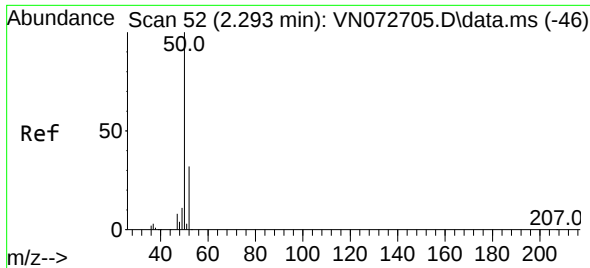
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#2
Dichlorodifluoromethane
Concen: 0.827 ug/l
RT: 2.075 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20

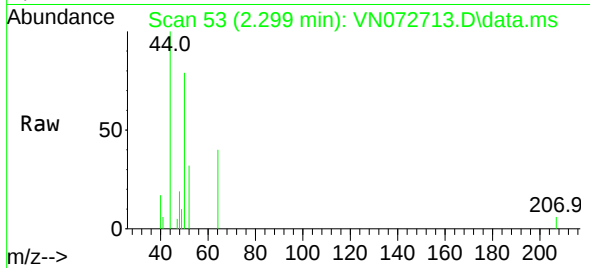
Tgt Ion: 85 Resp: 2101
Ion Ratio Lower Upper
85 100
87 29.1 15.7 47.1





#3
Chloromethane
Concen: 1.032 ug/l
RT: 2.299 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20

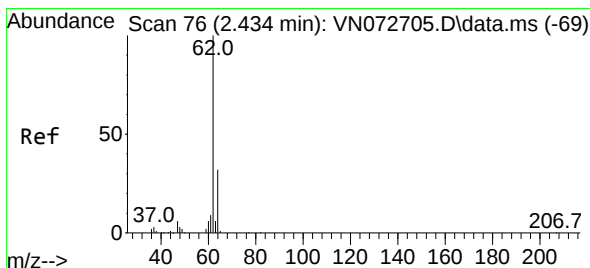
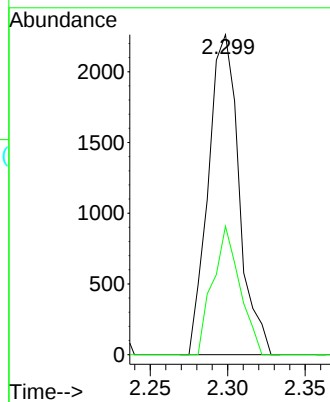
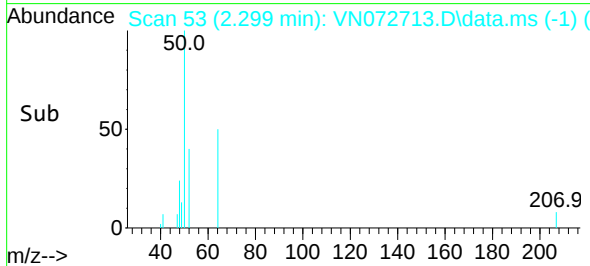
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Tgt Ion: 50 Resp: 3124
Ion Ratio Lower Upper
50 100
52 40.1 25.7 38.5

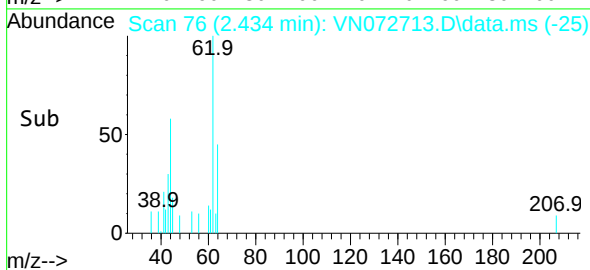
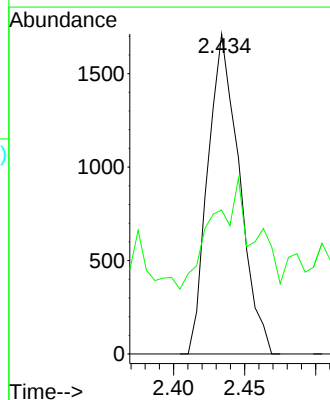
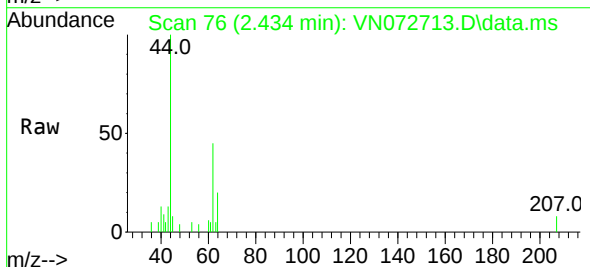
Manual Integrations
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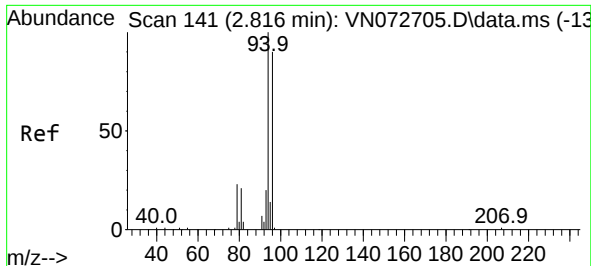
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#4
Vinyl Chloride
Concen: 0.948 ug/l
RT: 2.434 min Scan# 76
Delta R.T. -0.000 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20

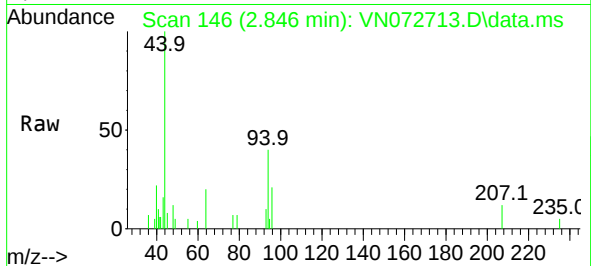
Tgt Ion: 62 Resp: 2638
Ion Ratio Lower Upper
62 100
64 24.8 25.0 37.4





#5
Bromomethane
Concen: 1.556 ug/l
RT: 2.846 min Scan# 141
Delta R.T. 0.030 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20

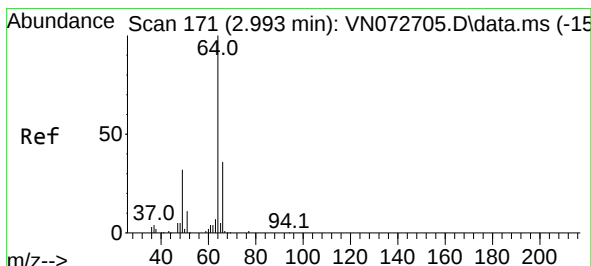
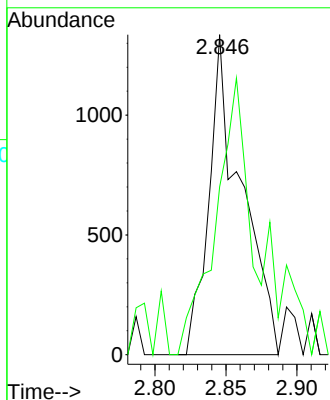
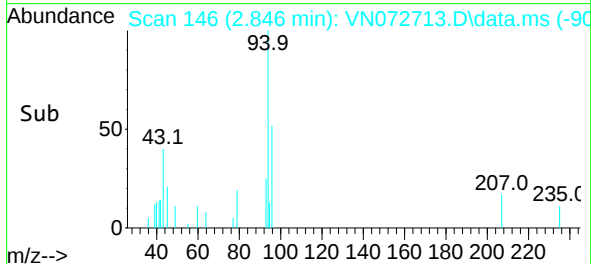
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Tgt Ion: 94 Resp: 212
Ion Ratio Lower Upper
94 100
96 46.3 76.0 114.0

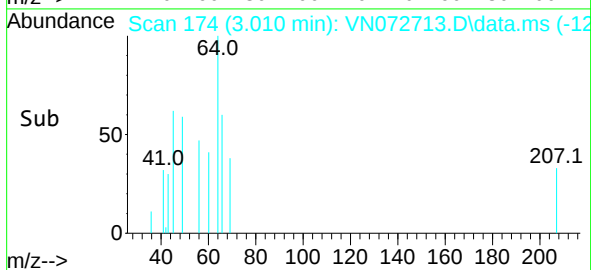
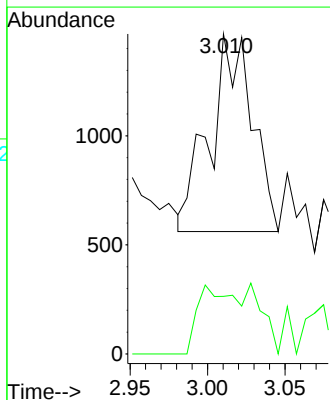
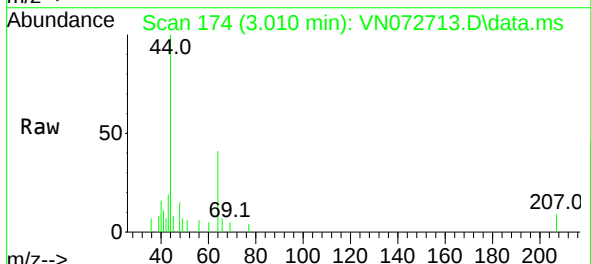
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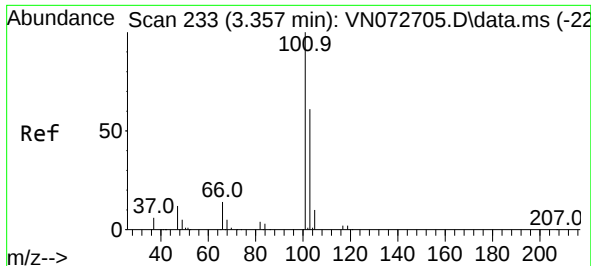
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#6
Chloroethane
Concen: 0.881 ug/l
RT: 3.010 min Scan# 174
Delta R.T. 0.017 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20

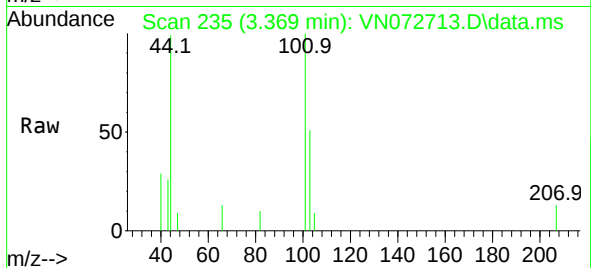
Tgt Ion: 64 Resp: 1727
Ion Ratio Lower Upper
64 100
66 29.1 26.2 39.4





#7
Trichlorofluoromethane
Concen: 0.828 ug/l
RT: 3.369 min Scan# 21
Delta R.T. 0.012 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20

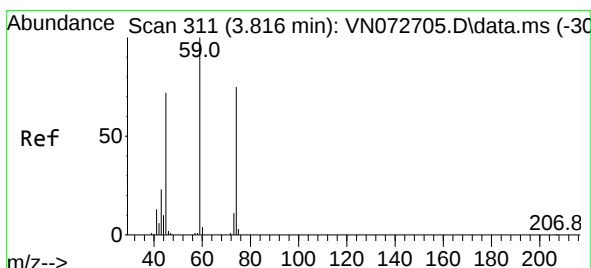
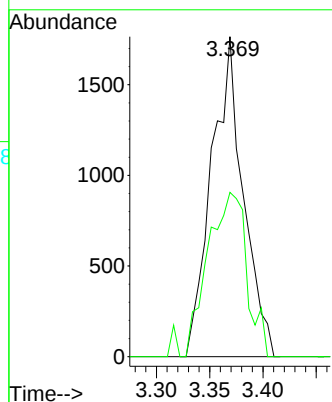
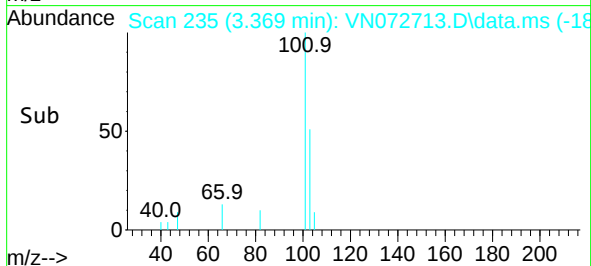
Instrument :
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LOD-MDL-WATER-01-QT2-2022



Tgt Ion:101 Resp: 366
Ion Ratio Lower Upper
101 100
103 51.3 51.5 77.3

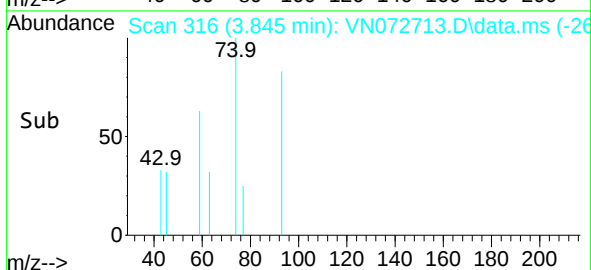
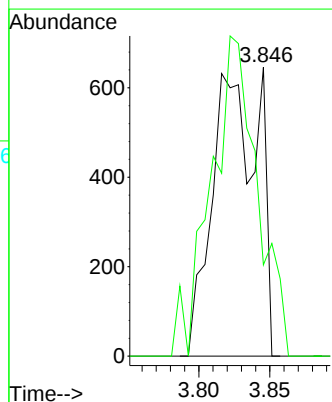
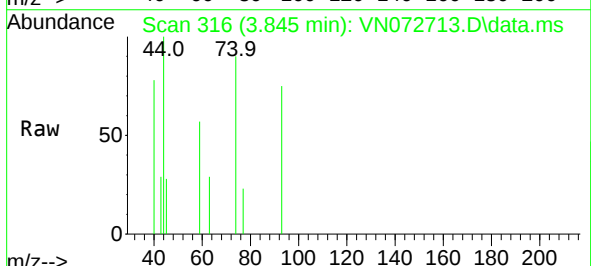
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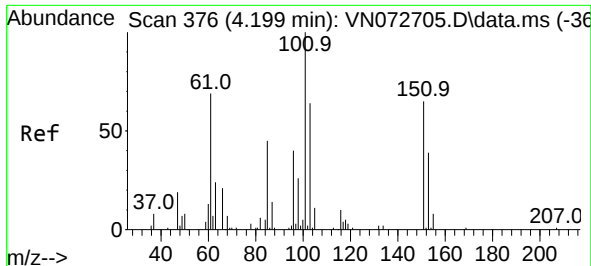
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#8
Diethyl Ether
Concen: 0.790 ug/l
RT: 3.845 min Scan# 316
Delta R.T. 0.030 min
Lab File: VN072713.D
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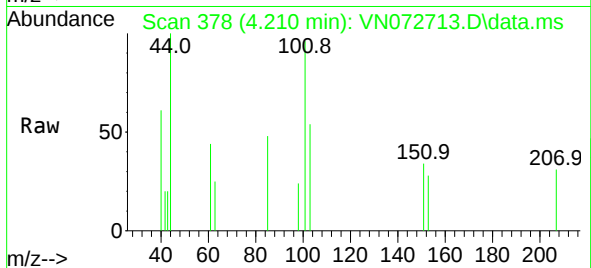
Tgt Ion: 74 Resp: 1422
Ion Ratio Lower Upper
74 100
45 0.0 42.9 128.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.730 ug/l m
RT: 4.210 min Scan# 376
Delta R.T. 0.011 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20

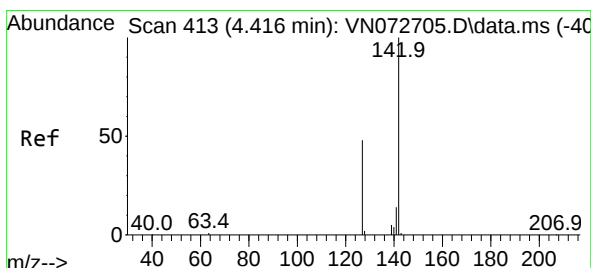
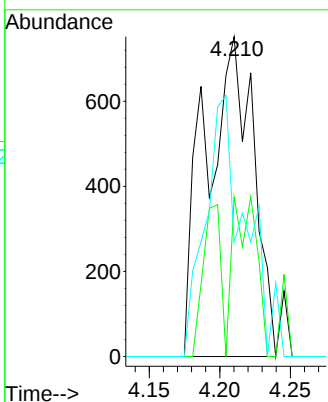
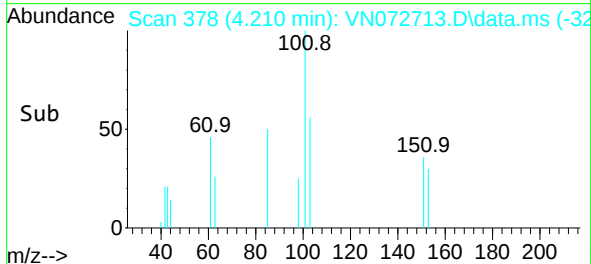
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



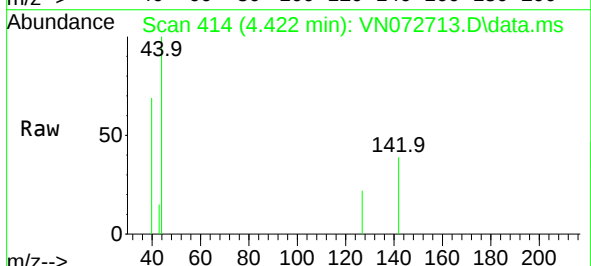
Tgt Ion:101 Resp: 1770
Ion Ratio Lower Upper
101 100
85 17.4 34.7 52.1
151 68.1 63.0 94.4

Manual Integrations
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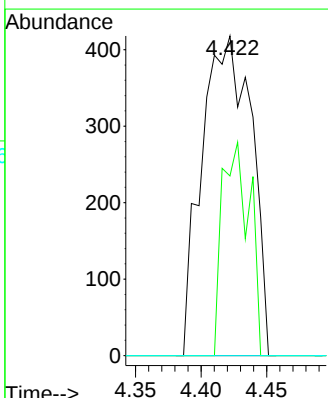
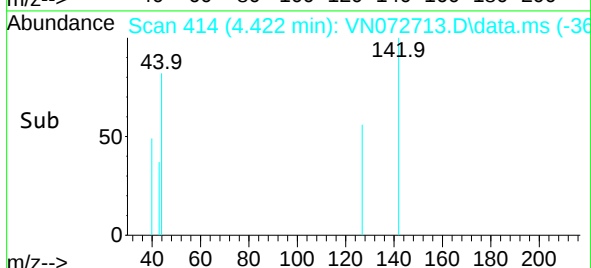
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

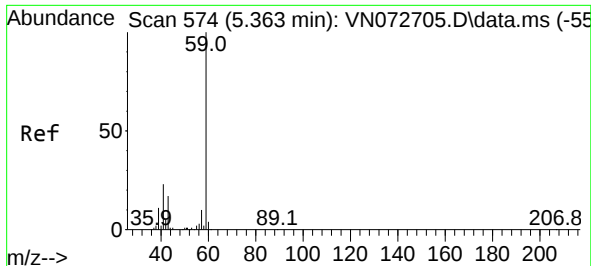


#10
Methyl Iodide
Concen: 0.485 ug/l
RT: 4.422 min Scan# 414
Delta R.T. 0.006 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20



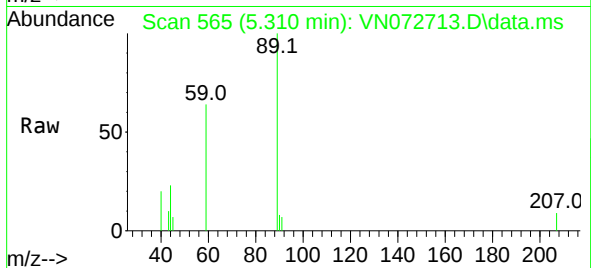
Tgt Ion:142 Resp: 1097
Ion Ratio Lower Upper
142 100
127 36.8 31.3 46.9
141 0.0 11.2 16.8#





#11
Tert butyl alcohol
Concen: 8.135 ug/l m
RT: 5.310 min Scan# 50
Delta R.T. -0.053 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20

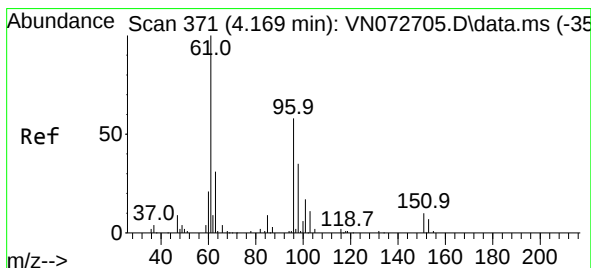
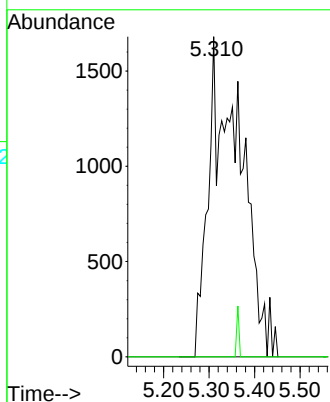
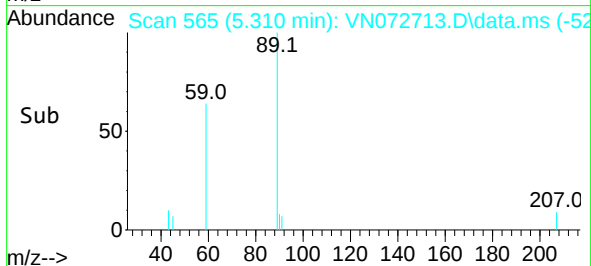
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 59 Resp: 8160
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5

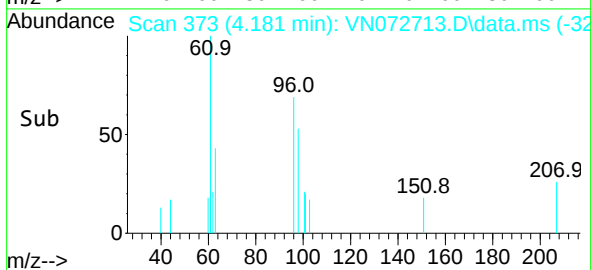
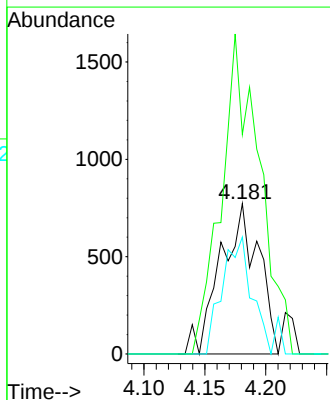
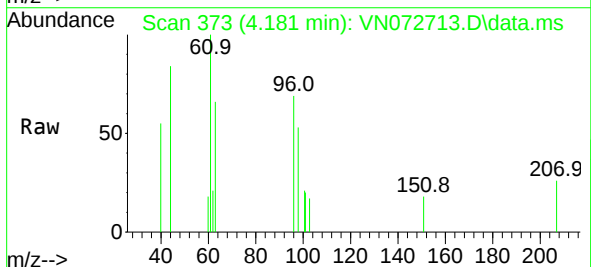
Manual Integrations
APPROVED

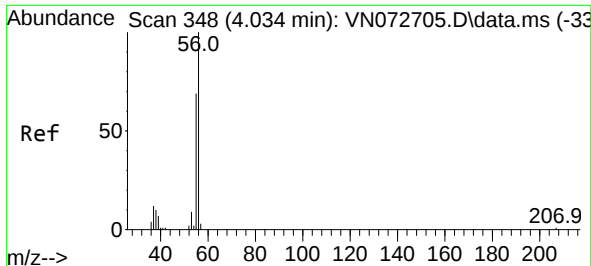
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#12
1,1-Dichloroethene
Concen: 0.749 ug/l
RT: 4.181 min Scan# 373
Delta R.T. 0.012 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20

Tgt Ion: 96 Resp: 1693
Ion Ratio Lower Upper
96 100
61 145.9 127.6 191.4
98 77.7 51.2 76.8#





#13

Acrolein

Concen: 4.422 ug/l

RT: 4.051 min Scan# 3

Delta R.T. 0.017 min

Lab File: VN072713.D

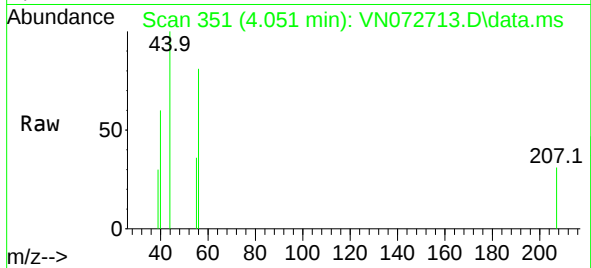
Acq: 08 Jun 2022 22:20

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 56 Resp: 183

Ion Ratio Lower Upper

56 100

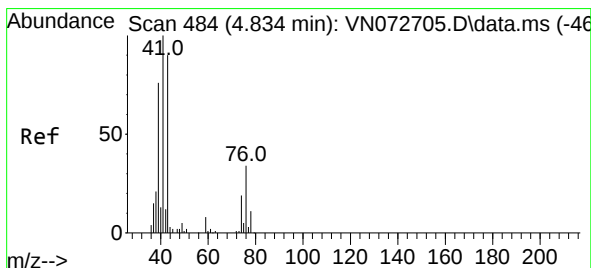
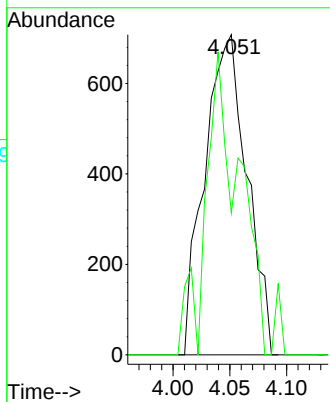
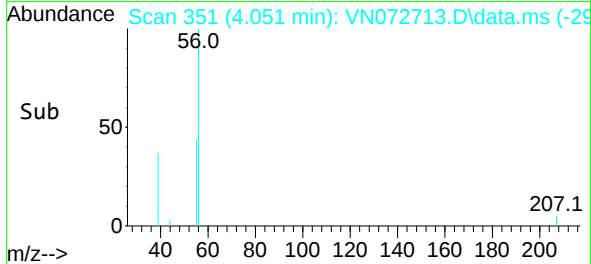
55 50.4 54.8 82.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#14

Allyl chloride

Concen: 0.848 ug/l

RT: 4.834 min Scan# 484

Delta R.T. -0.000 min

Lab File: VN072713.D

Acq: 08 Jun 2022 22:20

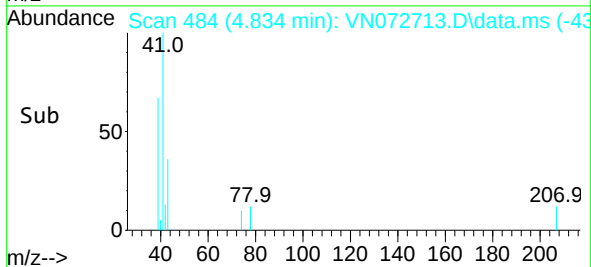
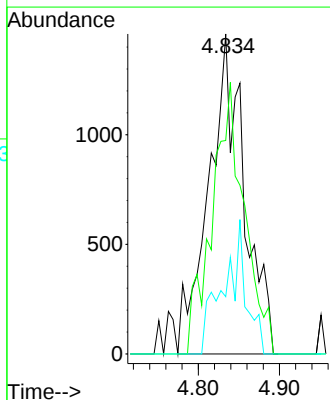
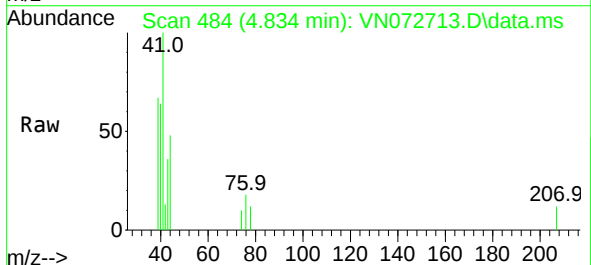
Tgt Ion: 41 Resp: 4424

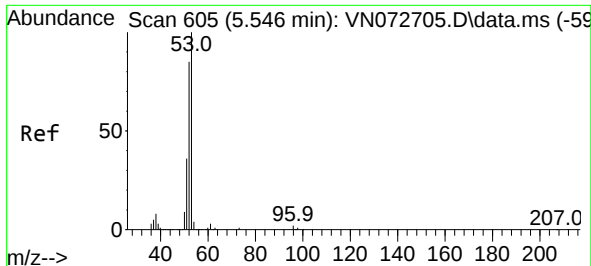
Ion Ratio Lower Upper

41 100

39 77.5 53.2 79.8

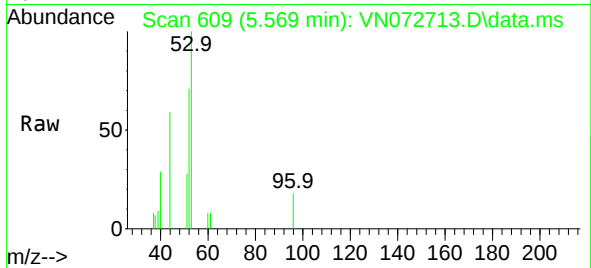
76 20.6 29.9 44.9





#15
Acrylonitrile
Concen: 3.755 ug/l
RT: 5.569 min Scan# 605
Delta R.T. 0.023 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20

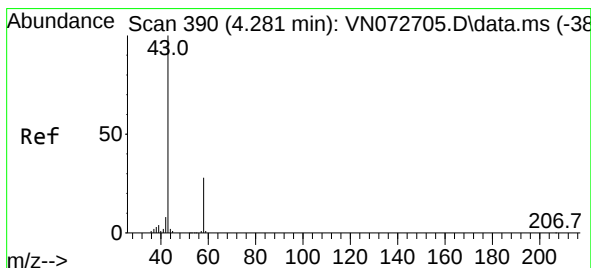
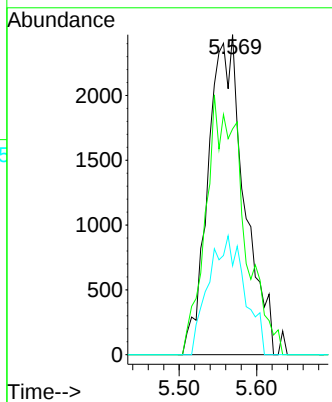
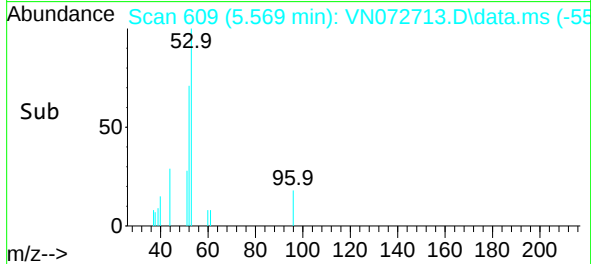
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 53 Resp: 798
Ion Ratio Lower Upper
53 100
52 0.0 66.4 99.6
51 37.0 28.5 42.7

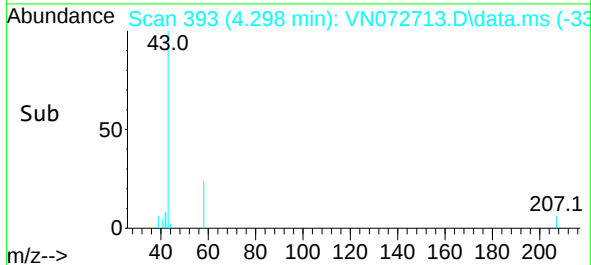
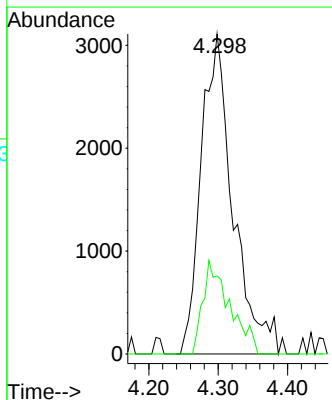
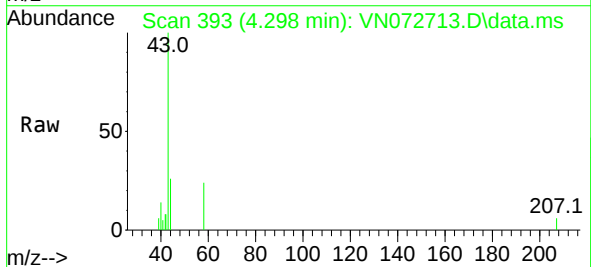
Manual Integrations
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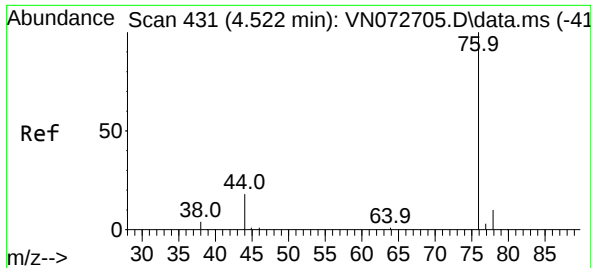
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#16
Acetone
Concen: 4.915 ug/l m
RT: 4.298 min Scan# 393
Delta R.T. 0.017 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20

Tgt Ion: 43 Resp: 9902
Ion Ratio Lower Upper
43 100
58 24.4 26.0 39.0





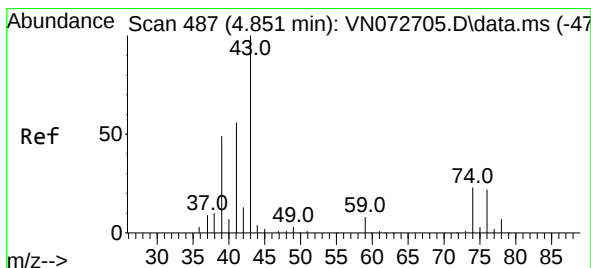
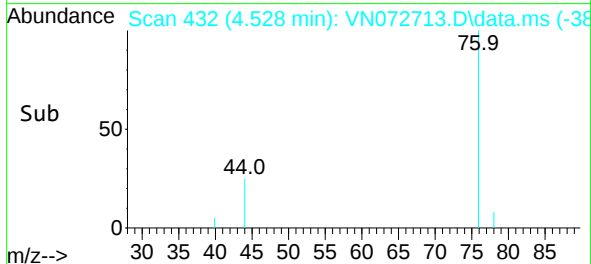
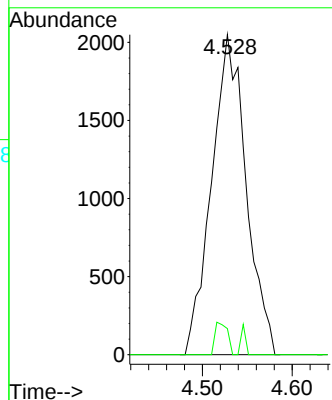
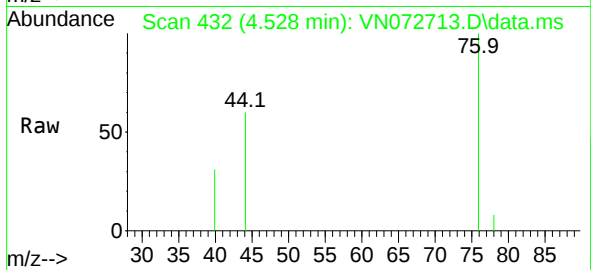
#17
Carbon Disulfide
Concen: 0.961 ug/l
RT: 4.528 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

Tgt Ion: 76 Resp: 548
Ion Ratio Lower Upper
76 100
78 8.2 7.2 10.8

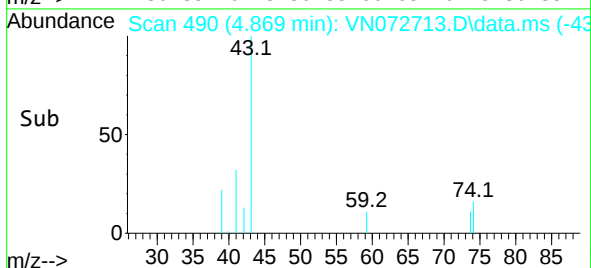
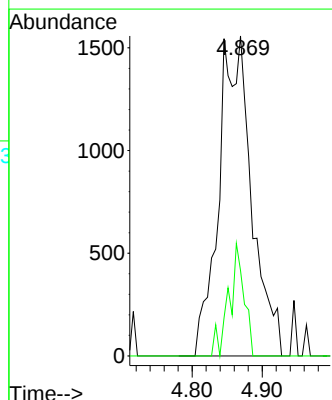
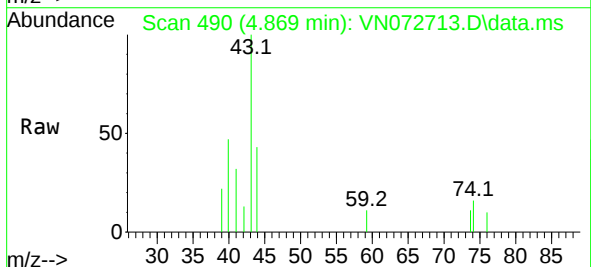
Manual Integrations
APPROVED

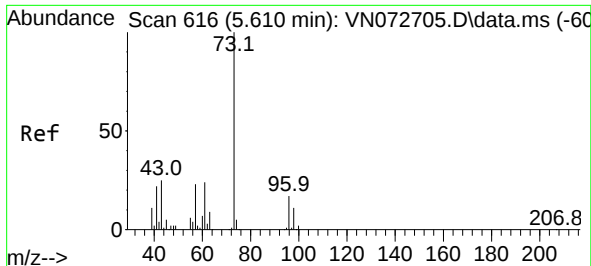
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#18
Methyl Acetate
Concen: 0.967 ug/l m
RT: 4.869 min Scan# 490
Delta R.T. 0.018 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20

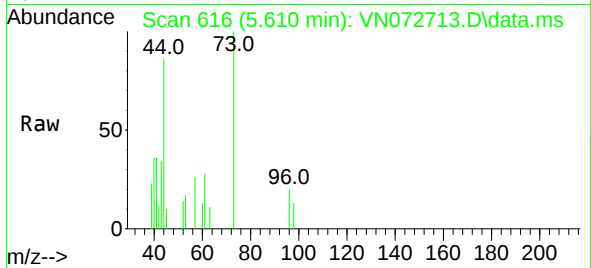
Tgt Ion: 43 Resp: 5071
Ion Ratio Lower Upper
43 100
74 16.1 21.6 32.4#





#19
Methyl tert-butyl Ether
Concen: 0.771 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20

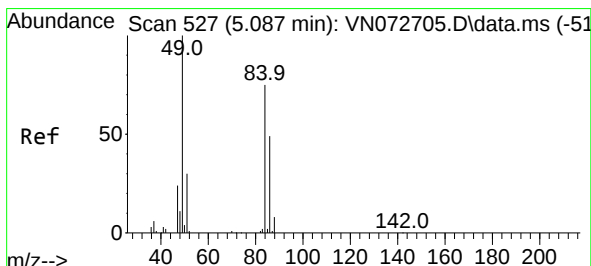
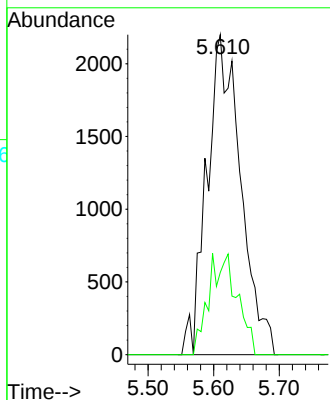
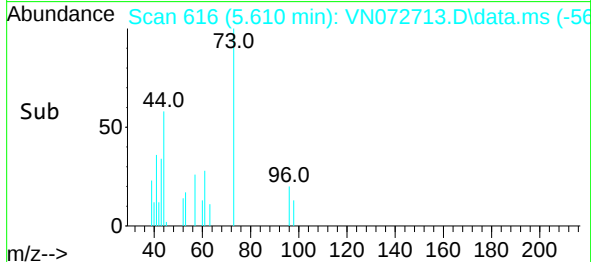
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 73 Resp: 788
Ion Ratio Lower Upper
73 100
57 25.7 17.6 26.4

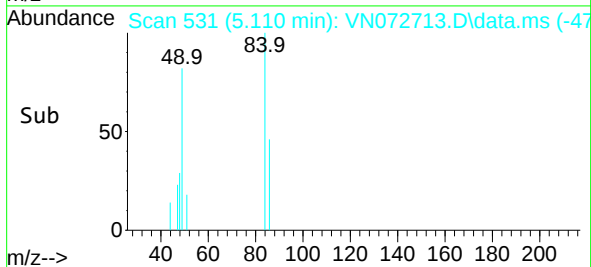
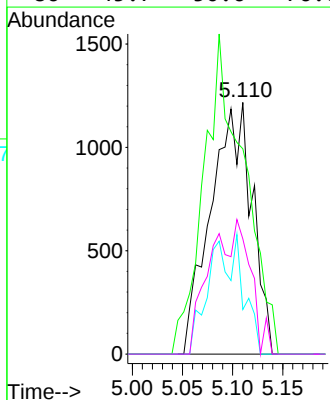
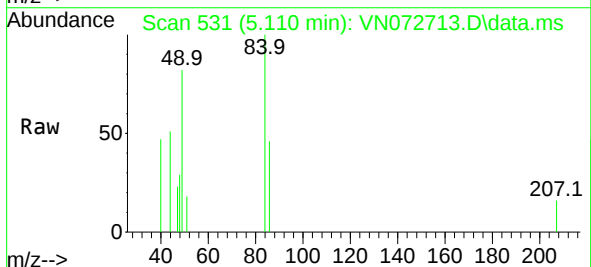
Manual Integrations
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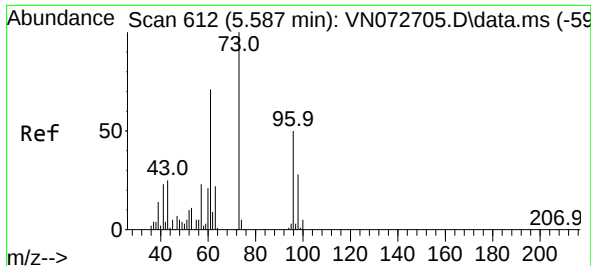
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#20
Methylene Chloride
Concen: 1.092 ug/l
RT: 5.110 min Scan# 531
Delta R.T. 0.023 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20

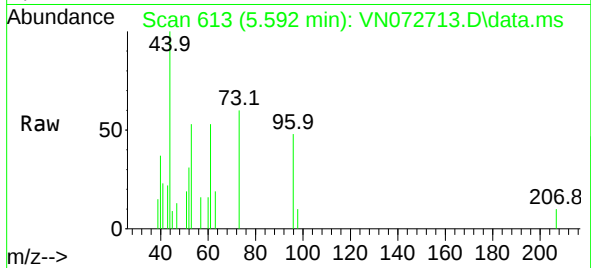
Tgt Ion: 84 Resp: 3472
Ion Ratio Lower Upper
84 100
49 81.5 88.3 132.5#
51 17.7 28.2 42.2#
86 45.7 50.6 76.0#





#21
trans-1,2-Dichloroethene
Concen: 0.879 ug/l
RT: 5.592 min Scan# 612
Delta R.T. 0.005 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20

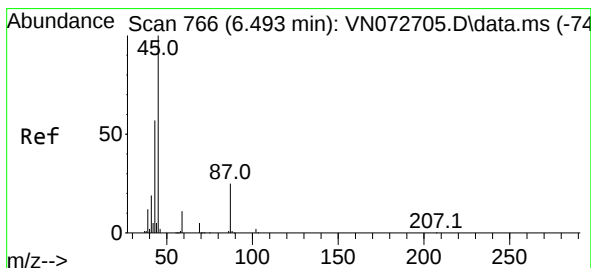
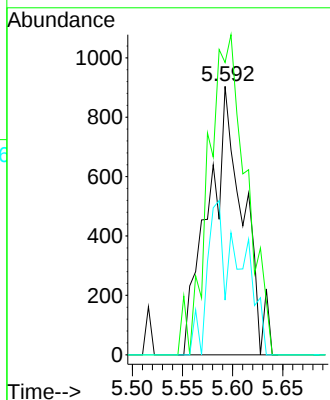
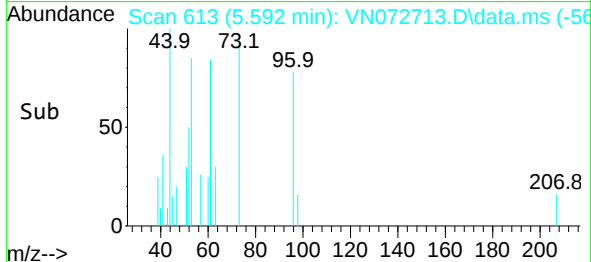
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 96 Resp: 2188
Ion Ratio Lower Upper
96 100
61 108.8 105.8 158.8
98 20.4 50.3 75.5

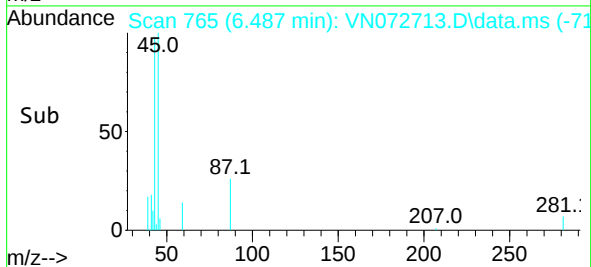
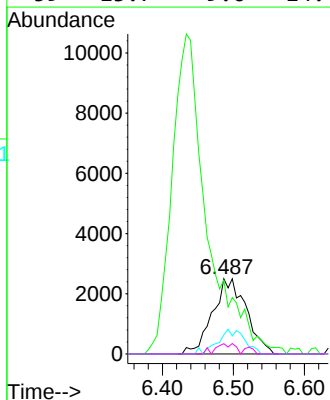
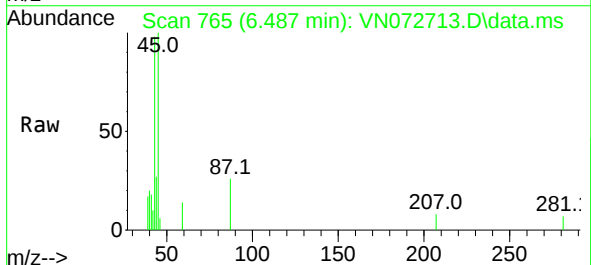
Manual Integrations
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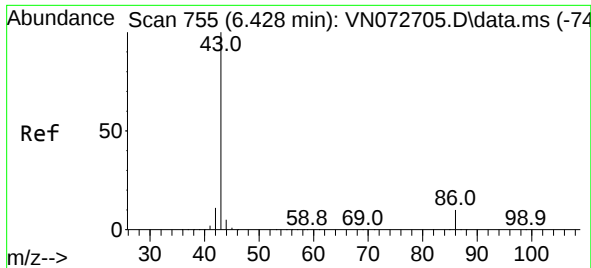
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#22
Diisopropyl ether
Concen: 0.779 ug/l
RT: 6.487 min Scan# 765
Delta R.T. -0.006 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20

Tgt Ion: 45 Resp: 8237
Ion Ratio Lower Upper
45 100
43 89.5 46.6 70.0#
87 25.5 24.3 36.5
59 13.7 9.6 14.4





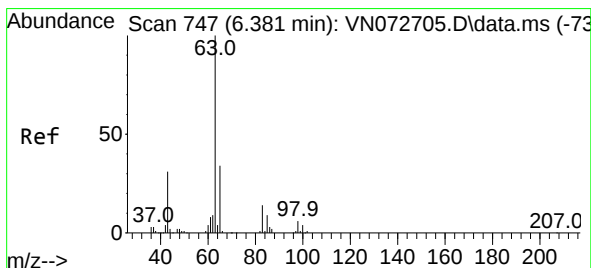
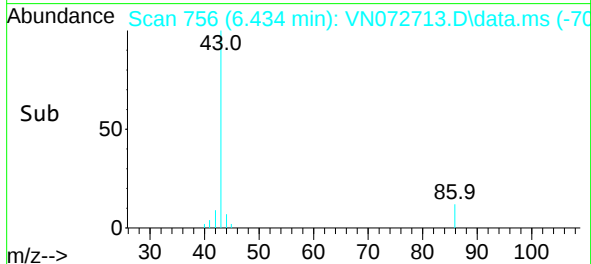
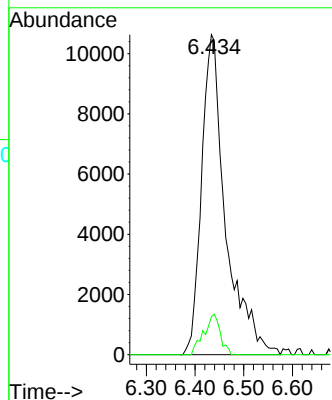
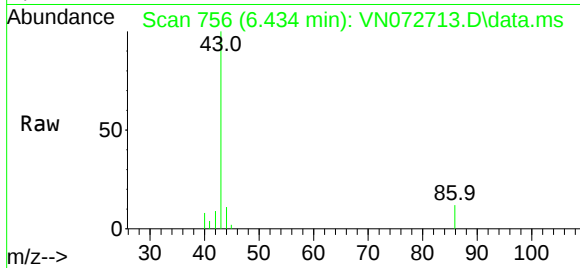
#23
 Vinyl Acetate
 Concen: 3.766 ug/l
 RT: 6.434 min Scan# 756
 Delta R.T. 0.006 min
 Lab File: VN072713.D
 Acq: 08 Jun 2022 22:20

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2022

Tgt Ion: 43 Resp: 3647
 Ion Ratio Lower Upper
 43 100
 86 11.9 10.0 15.0

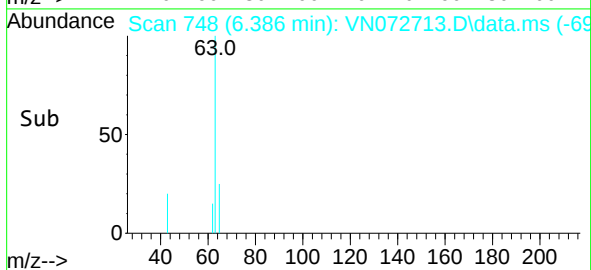
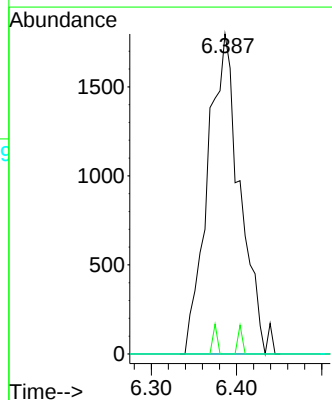
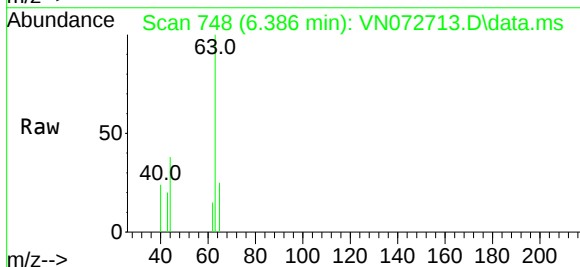
Manual Integrations
 APPROVED

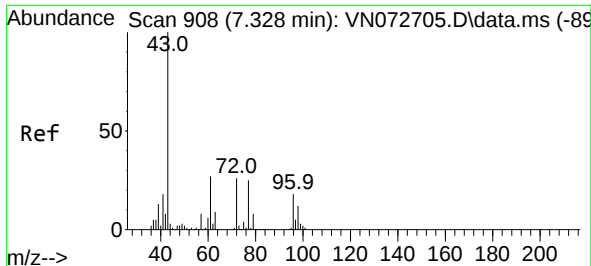
Reviewed By :John Carlone 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022



#24
 1,1-Dichloroethane
 Concen: 0.862 ug/l
 RT: 6.386 min Scan# 748
 Delta R.T. 0.005 min
 Lab File: VN072713.D
 Acq: 08 Jun 2022 22:20

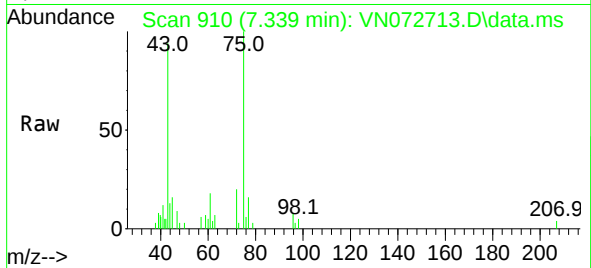
Tgt Ion: 63 Resp: 4737
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.5 10.4#
 100 0.0 2.3 6.8#





#25
2-Butanone
Concen: 4.563 ug/l m
RT: 7.339 min Scan# 910
Delta R.T. 0.011 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20

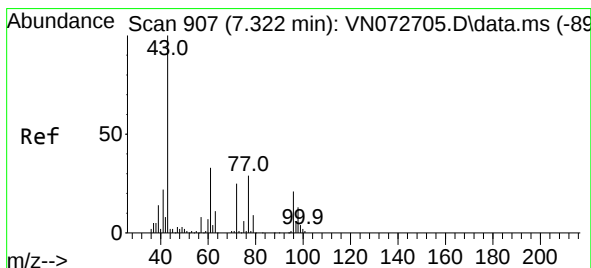
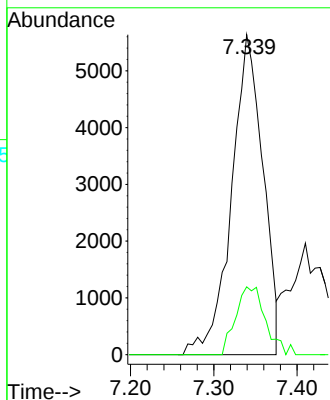
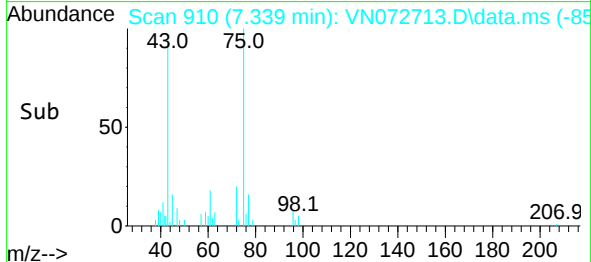
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 43 Resp: 1478
Ion Ratio Lower Upper
43 100
72 21.2 23.7 35.5

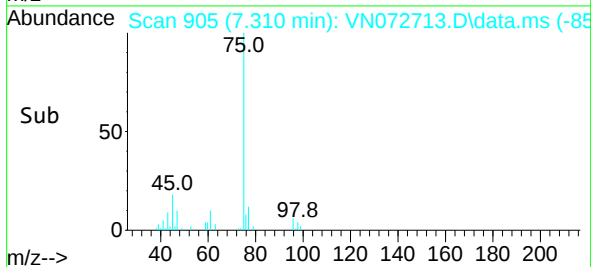
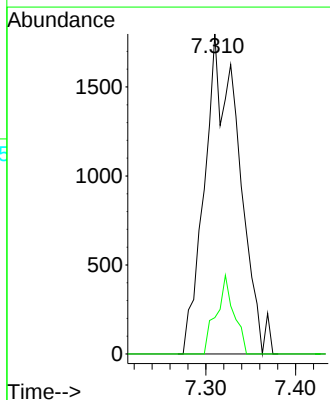
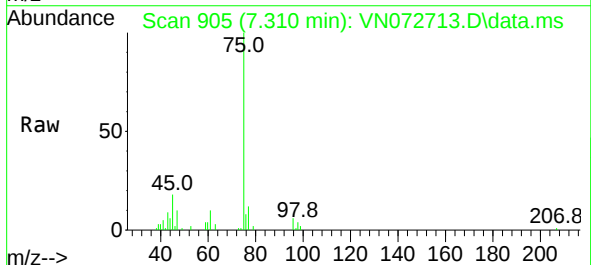
Manual Integrations
APPROVED

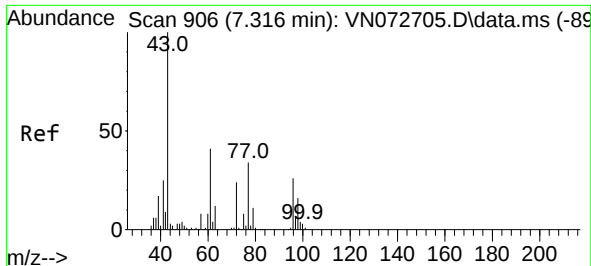
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#26
2,2-Dichloropropane
Concen: 0.959 ug/l
RT: 7.310 min Scan# 905
Delta R.T. -0.012 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20

Tgt Ion: 77 Resp: 4765
Ion Ratio Lower Upper
77 100
97 12.6 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 0.870 ug/l m

RT: 7.328 min Scan# 906

Delta R.T. 0.012 min

Lab File: VN072713.D

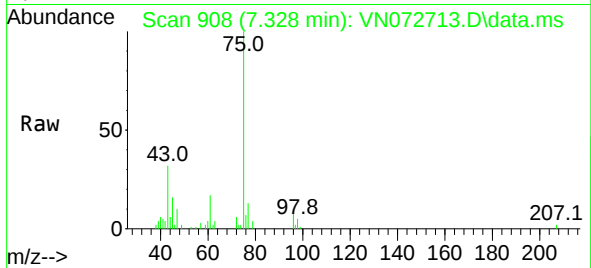
Acq: 08 Jun 2022 22:20

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022



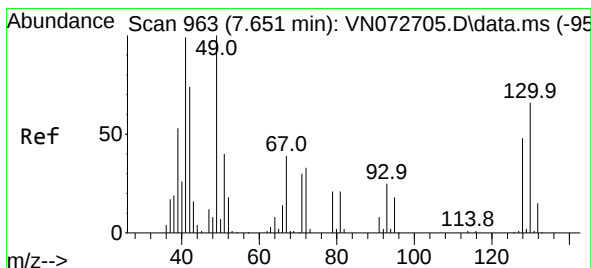
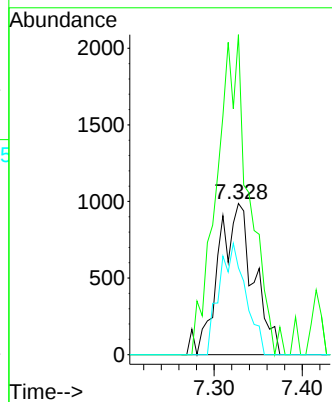
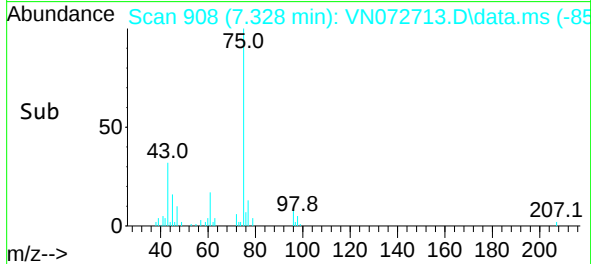
Tgt Ion: 96	Resp: 275
Ion Ratio	Lower Upper
96 100	
61 0.0 0.0	280.6
98 0.0 0.0	128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#28

Bromochloromethane

Concen: 0.819 ug/l

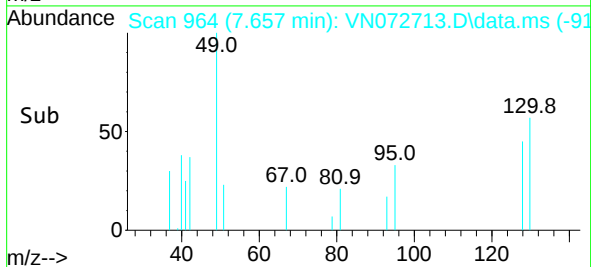
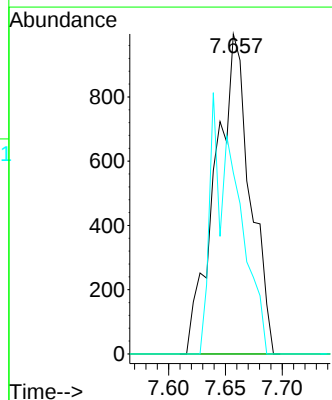
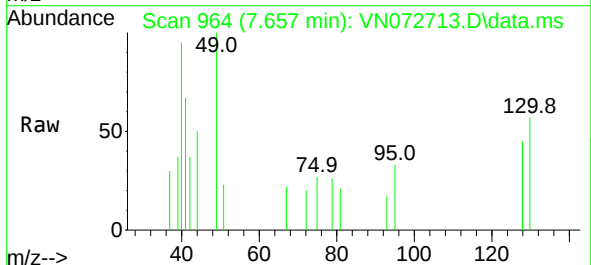
RT: 7.657 min Scan# 964

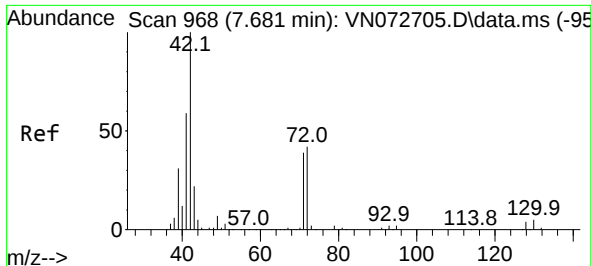
Delta R.T. 0.006 min

Lab File: VN072713.D

Acq: 08 Jun 2022 22:20

Tgt Ion: 49	Resp: 2125
Ion Ratio	Lower Upper
49 100	
129 0.0 0.0	4.6
130 23.2 69.7	104.5#





#29

Tetrahydrofuran

Concen: 4.313 ug/l

RT: 7.692 min Scan# 91

Delta R.T. 0.011 min

Lab File: VN072713.D

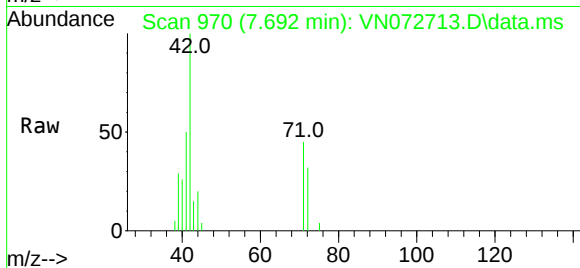
Acq: 08 Jun 2022 22:20

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022



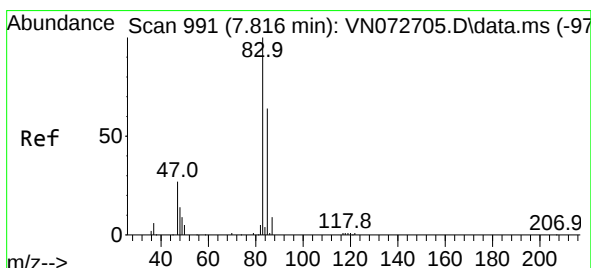
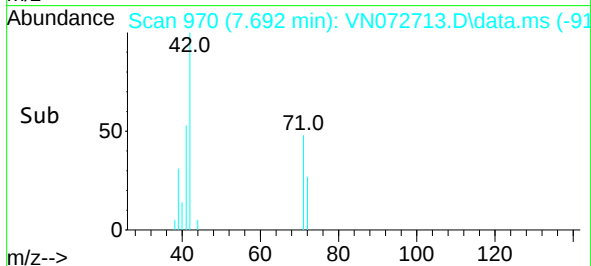
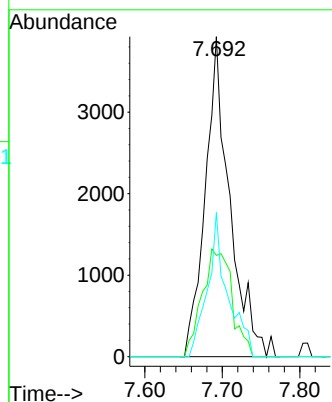
Tgt Ion:	42	Resp:	863
Ion	Ratio	Lower	Upper
42	100		
72	40.7	39.7	59.5
71	36.7	36.6	55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#30

Chloroform

Concen: 0.802 ug/l

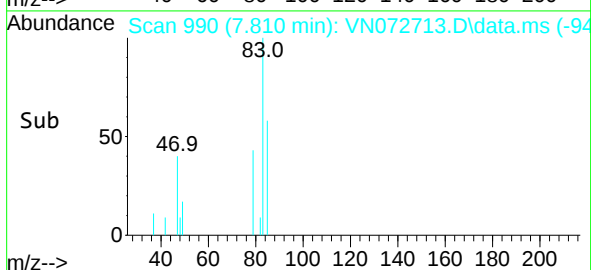
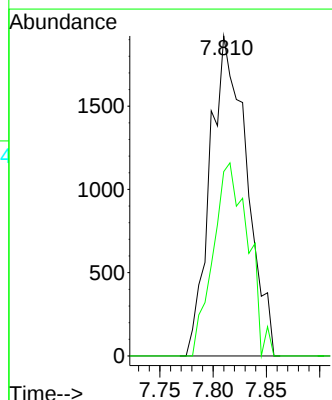
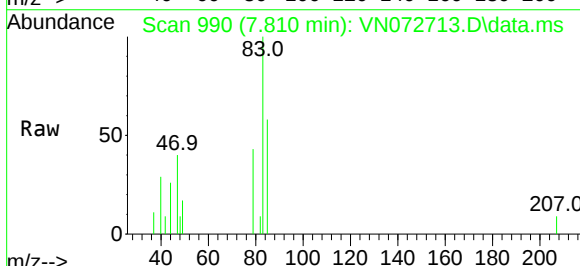
RT: 7.810 min Scan# 990

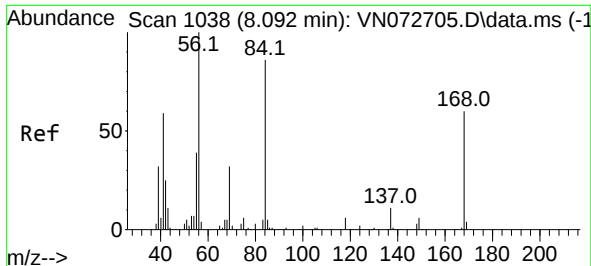
Delta R.T. -0.006 min

Lab File: VN072713.D

Acq: 08 Jun 2022 22:20

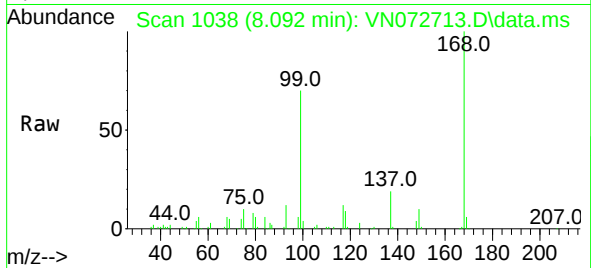
Tgt Ion:	83	Resp:	4593
Ion	Ratio	Lower	Upper
83	100		
85	57.6	51.8	77.8





#31
Cyclohexane
Concen: 1.845 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20

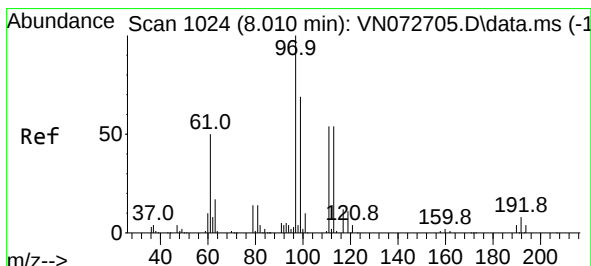
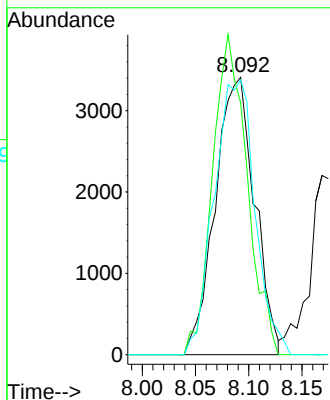
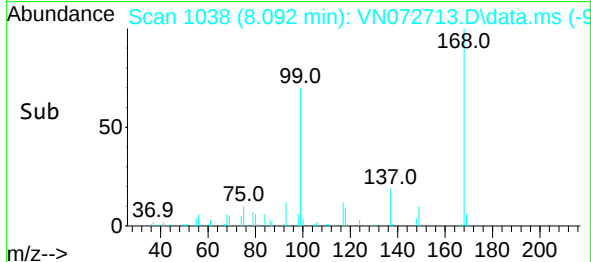
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



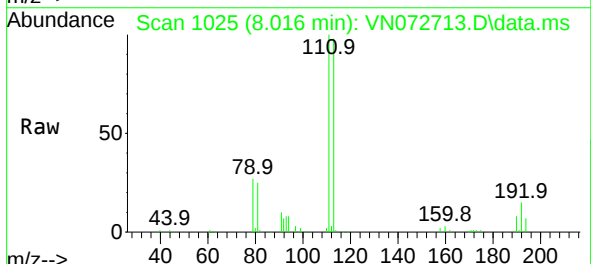
Tgt Ion: 56 Resp: 8769
Ion Ratio Lower Upper
56 100
69 91.0 27.8 41.8
84 99.1 76.9 115.3

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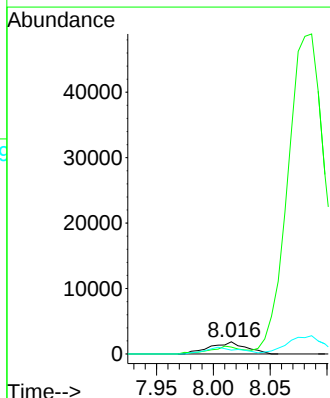
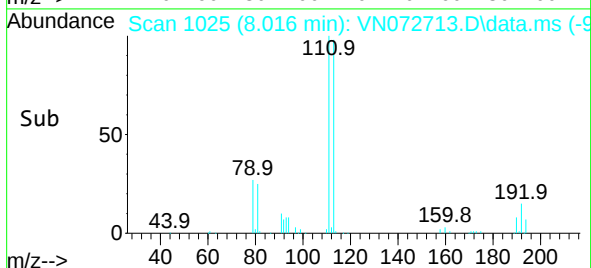
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

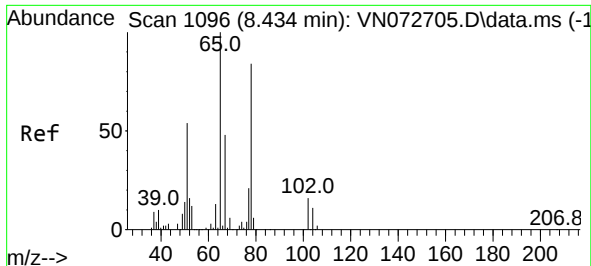


#32
1,1,1-Trichloroethane
Concen: 0.789 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.006 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20



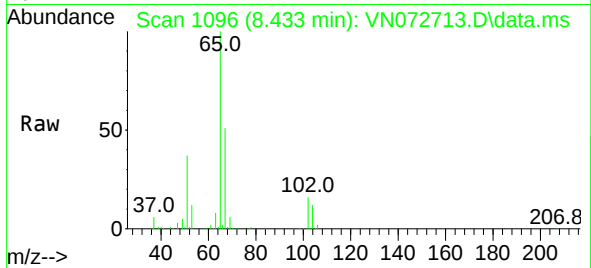
Tgt Ion: 97 Resp: 3993
Ion Ratio Lower Upper
97 100
99 0.0 50.6 76.0
61 52.8 36.0 54.0





#33
1,2-Dichloroethane-d4
Concen: 55.802 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20

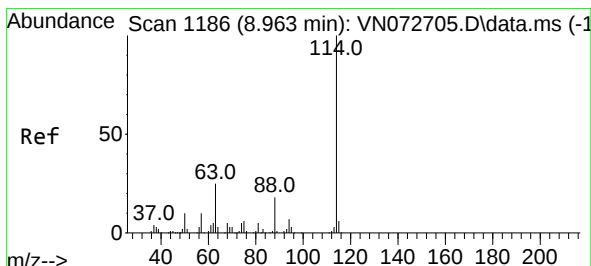
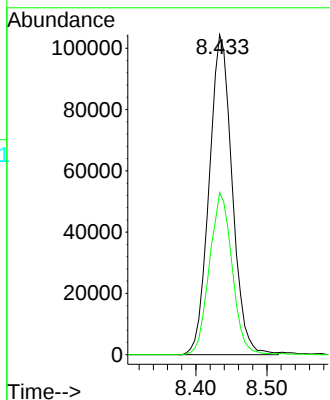
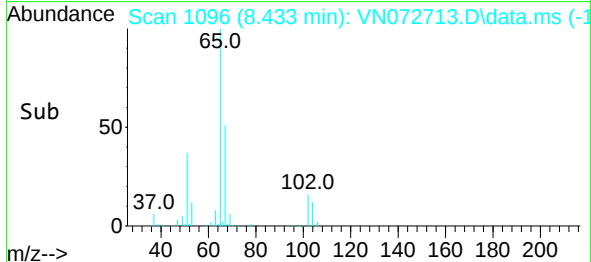
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 65 Resp: 234629
Ion Ratio Lower Upper
65 100
67 49.8 0.0 104.8

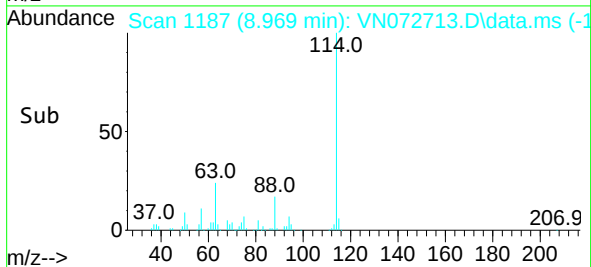
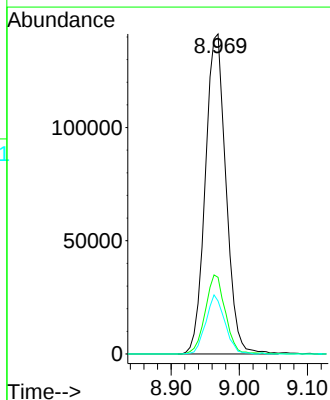
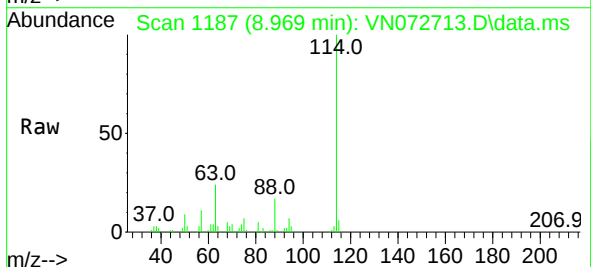
Manual Integrations
APPROVED

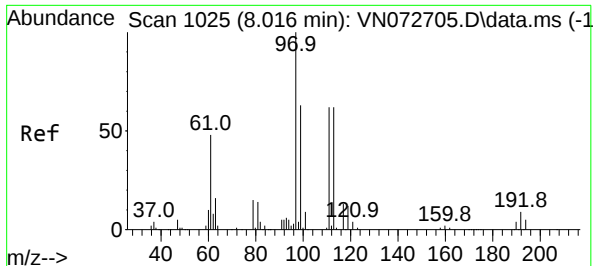
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.969 min Scan# 1187
Delta R.T. 0.006 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20

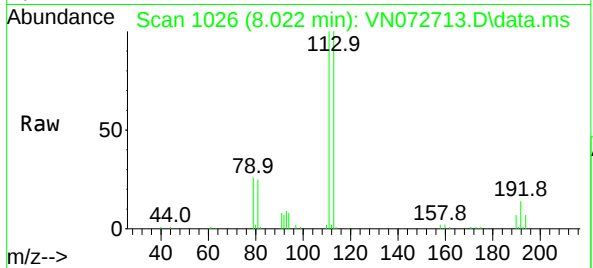
Tgt Ion:114 Resp: 298126
Ion Ratio Lower Upper
114 100
63 24.0 0.0 40.0
88 16.5 0.0 32.6





#35
Dibromofluoromethane
Concen: 52.994 ug/l
RT: 8.022 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20

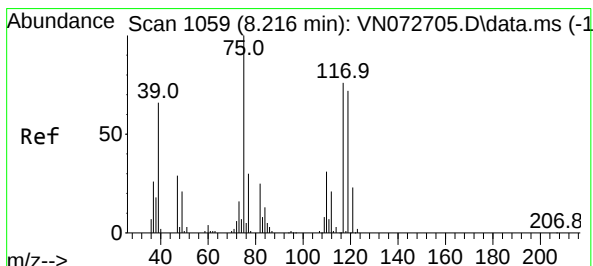
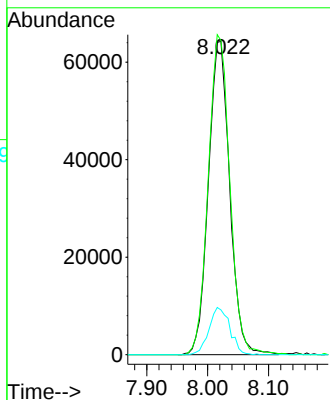
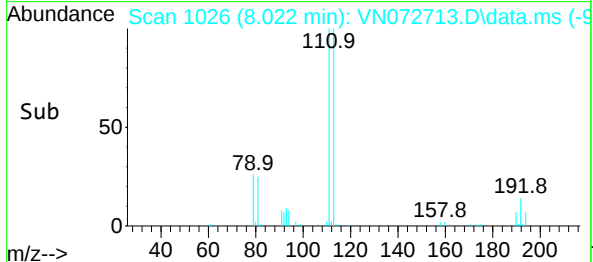
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 113 Resp: 15632
Ion Ratio Lower Upper
113 100
111 103.5 81.4 122.0
192 14.8 17.0 25.6

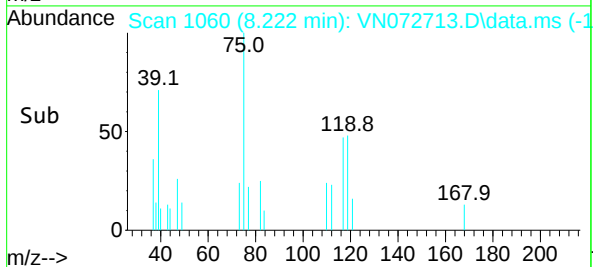
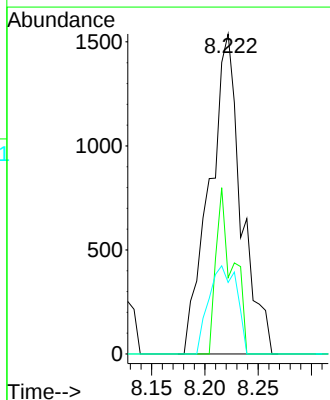
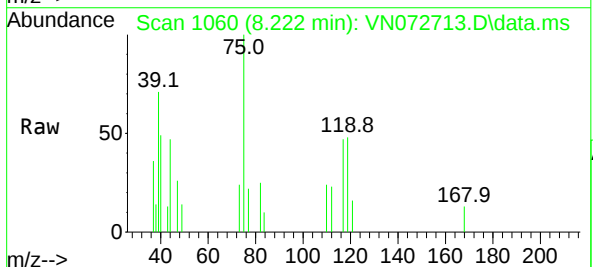
Manual Integrations
APPROVED

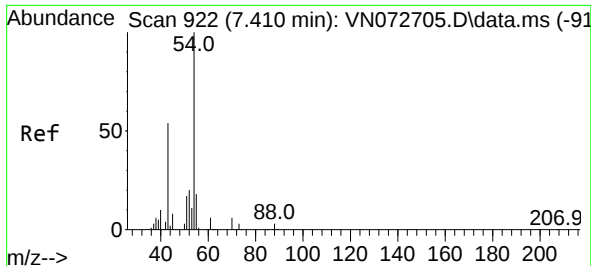
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#36
1,1-Dichloropropene
Concen: 0.776 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20

Tgt Ion: 75 Resp: 3179
Ion Ratio Lower Upper
75 100
110 27.6 18.3 54.8
77 24.3 25.1 37.7#





#37

Ethyl Acetate

Concen: 1.015 ug/l m

RT: 7.410 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN072713.D

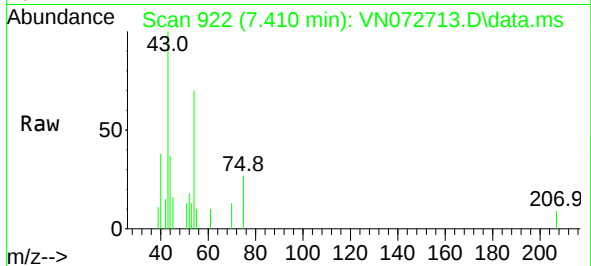
Acq: 08 Jun 2022 22:20

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022



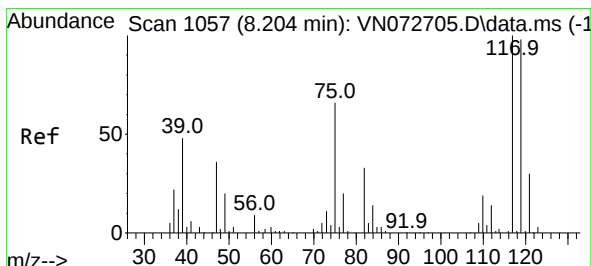
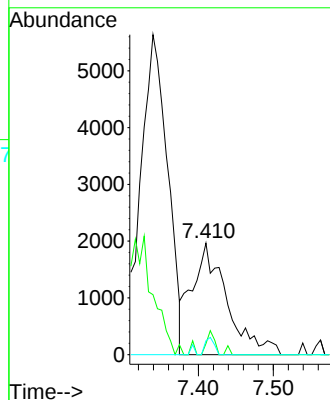
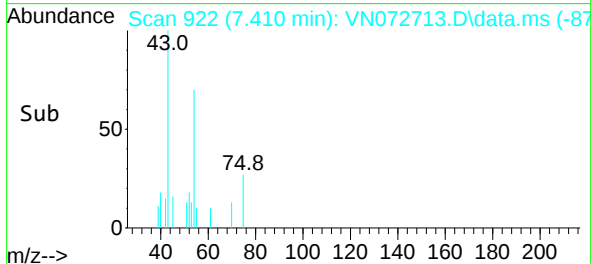
Tgt Ion:	43	Resp:	645
Ion	Ratio	Lower	Upper
43	100		
61	4.8	11.8	17.6
70	3.9	9.3	13.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#38

Carbon Tetrachloride

Concen: 0.748 ug/l

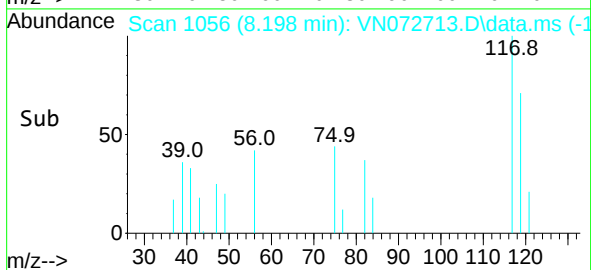
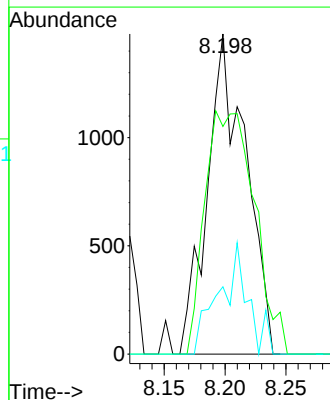
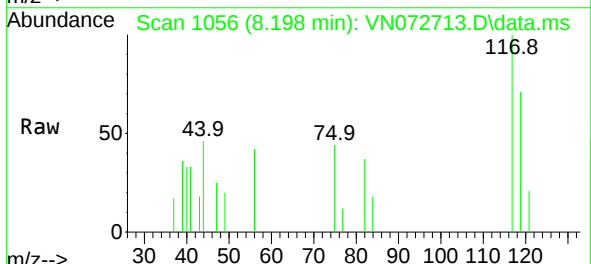
RT: 8.198 min Scan# 1056

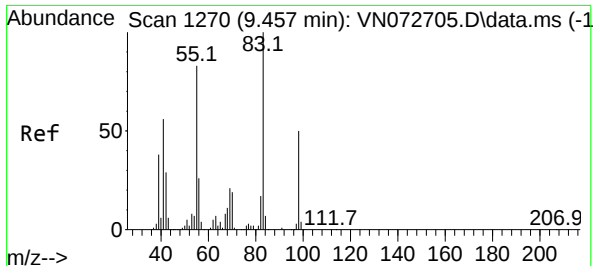
Delta R.T. -0.006 min

Lab File: VN072713.D

Acq: 08 Jun 2022 22:20

Tgt Ion:	117	Resp:	3272
Ion	Ratio	Lower	Upper
117	100		
119	71.1	75.8	113.8
121	21.0	24.6	37.0





#39

Methylcyclohexane

Concen: 0.818 ug/l

RT: 9.463 min Scan# 1100

Delta R.T. 0.006 min

Lab File: VN072713.D

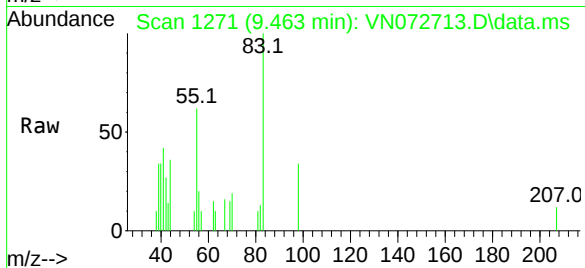
Acq: 08 Jun 2022 22:20

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022



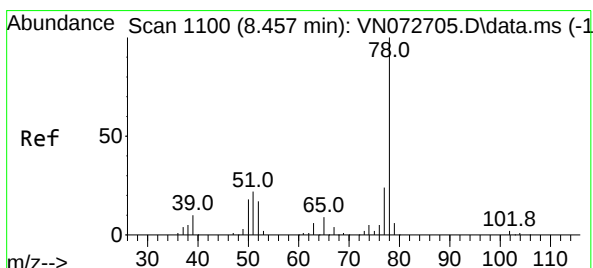
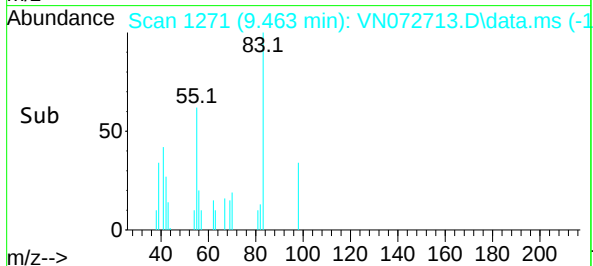
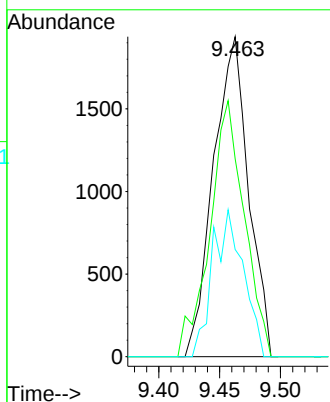
Tgt Ion	Ratio	Lower	Upper
83	100		
55	61.8	57.8	86.8
98	33.5	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#40

Benzene

Concen: 0.797 ug/l

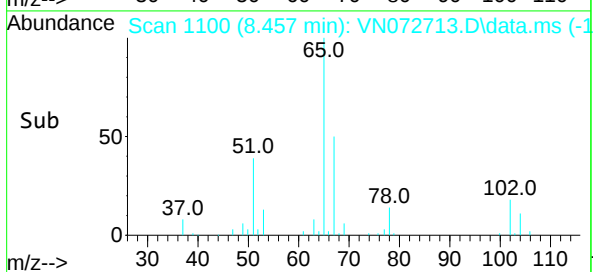
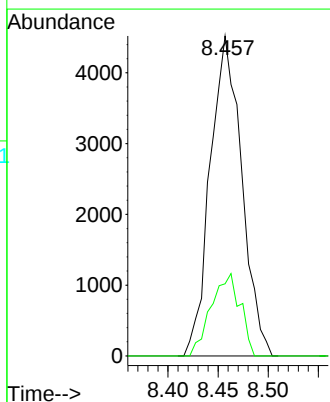
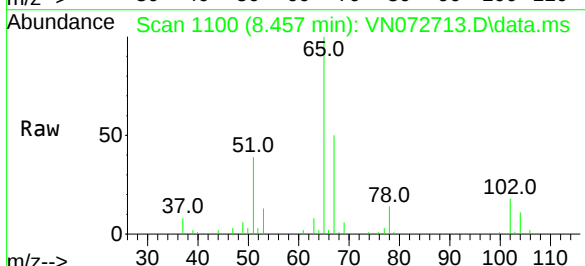
RT: 8.457 min Scan# 1100

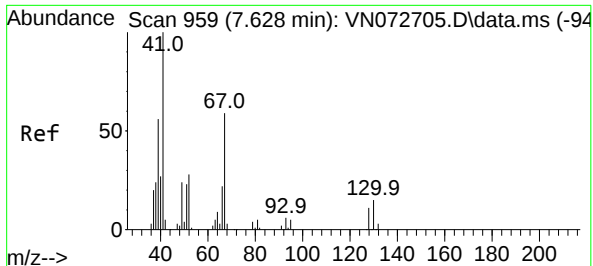
Delta R.T. -0.000 min

Lab File: VN072713.D

Acq: 08 Jun 2022 22:20

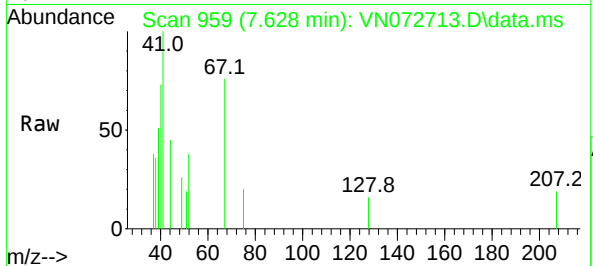
Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.5	19.4	29.0





#41
Methacrylonitrile
Concen: 0.622 ug/l m
RT: 7.628 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20

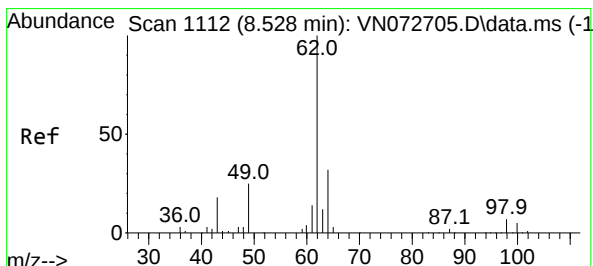
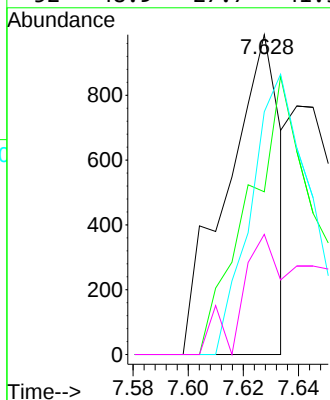
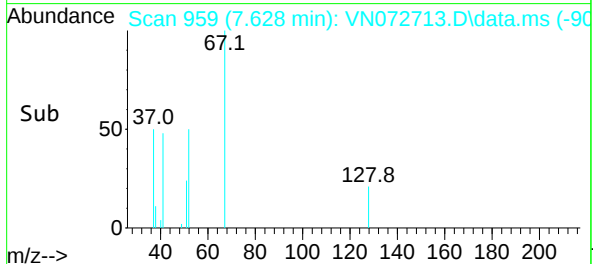
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



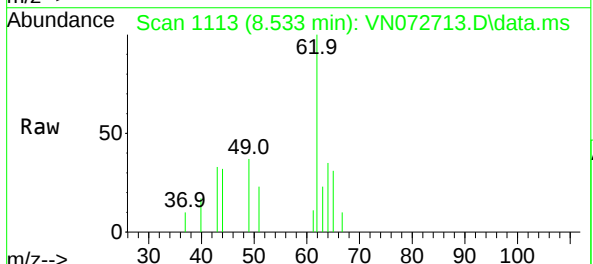
Tgt Ion: 41 Resp: 133
Ion Ratio Lower Upper
41 100
39 100.1 48.6 73.0
67 100.4 73.4 110.2
52 48.9 27.7 41.5#

Manual Integrations
APPROVED

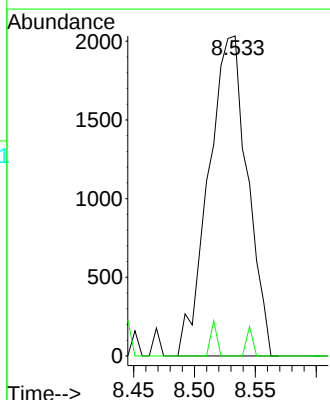
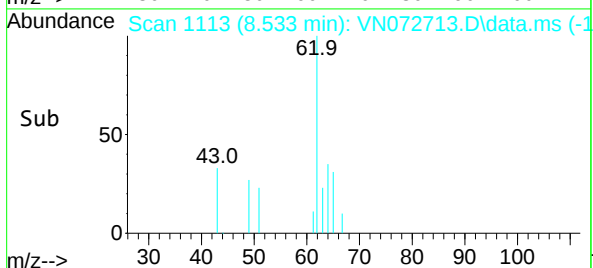
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

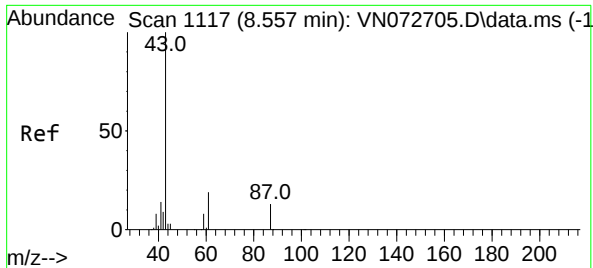


#42
1,2-Dichloroethane
Concen: 0.879 ug/l
RT: 8.533 min Scan# 1113
Delta R.T. 0.005 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20



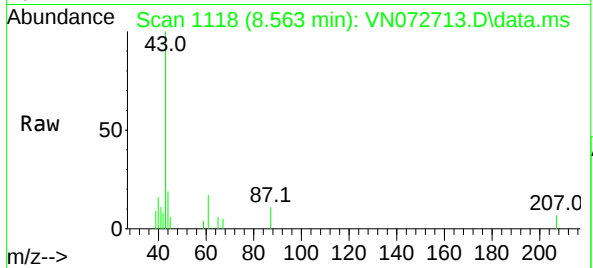
Tgt Ion: 62 Resp: 4528
Ion Ratio Lower Upper
62 100
98 1.5 0.0 19.4





#43
Isopropyl Acetate
Concen: 0.765 ug/l
RT: 8.563 min Scan# 1118
Delta R.T. 0.006 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20

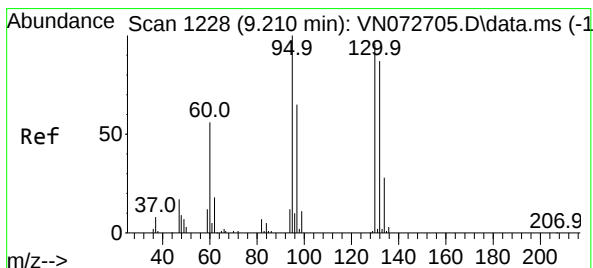
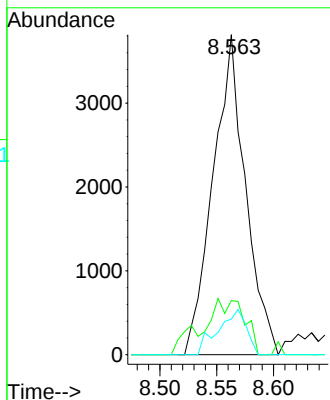
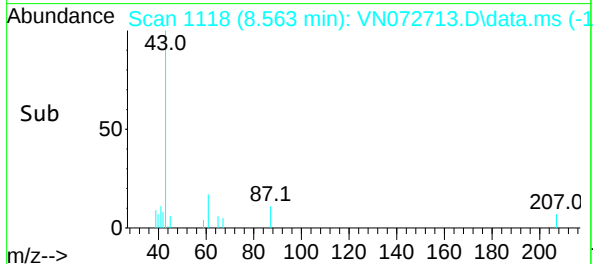
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 43 Resp: 7579
Ion Ratio Lower Upper
43 100
61 18.1 21.9 32.9
87 12.3 12.0 18.0

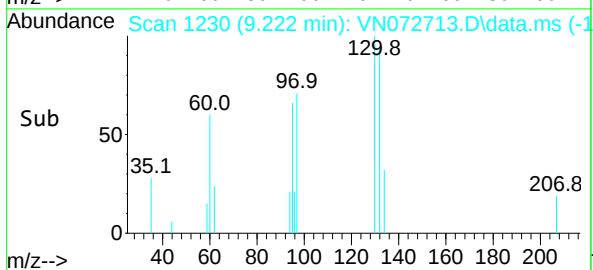
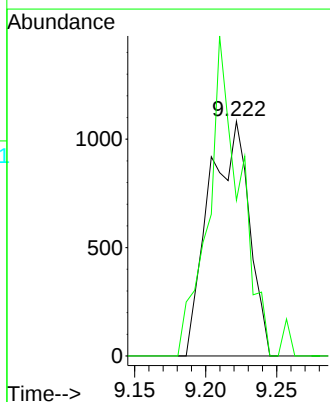
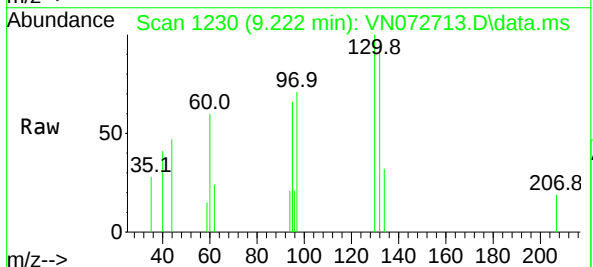
Manual Integrations
APPROVED

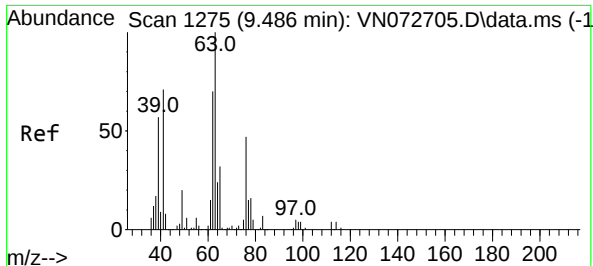
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#44
Trichloroethene
Concen: 0.735 ug/l
RT: 9.222 min Scan# 1230
Delta R.T. 0.012 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20

Tgt Ion:130 Resp: 2127
Ion Ratio Lower Upper
130 100
95 66.4 0.0 186.8





#45

1,2-Dichloropropane

Concen: 0.686 ug/l

RT: 9.498 min Scan# 1277

Delta R.T. 0.012 min

Lab File: VN072713.D

Acq: 08 Jun 2022 22:20

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

Tgt Ion: 63 Resp: 2304

Ion Ratio Lower Upper

63 100

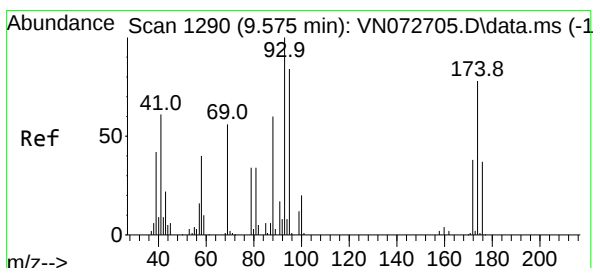
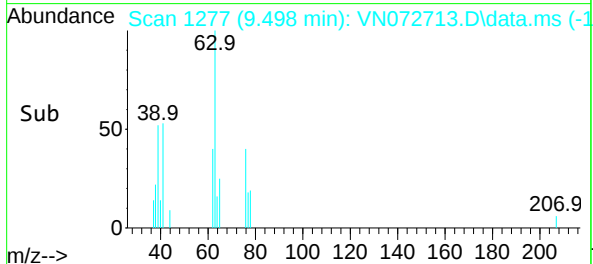
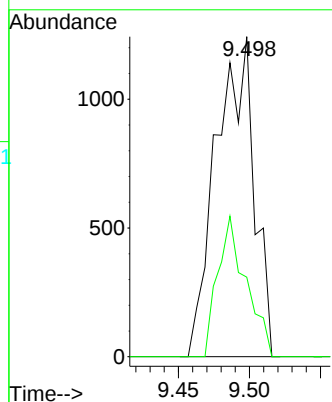
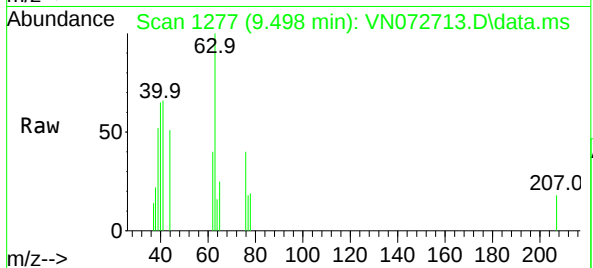
65 24.9 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#46

Dibromomethane

Concen: 0.810 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN072713.D

Acq: 08 Jun 2022 22:20

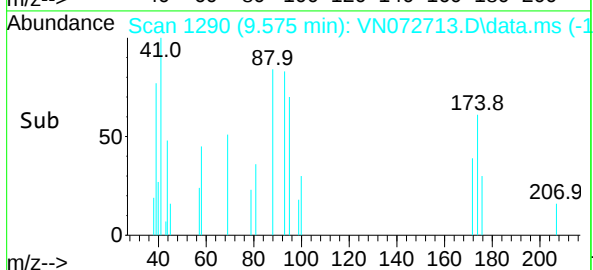
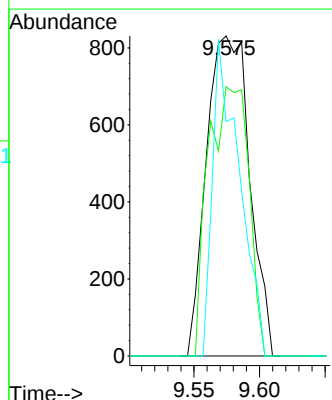
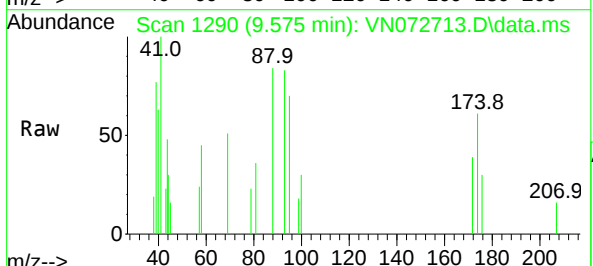
Tgt Ion: 93 Resp: 1902

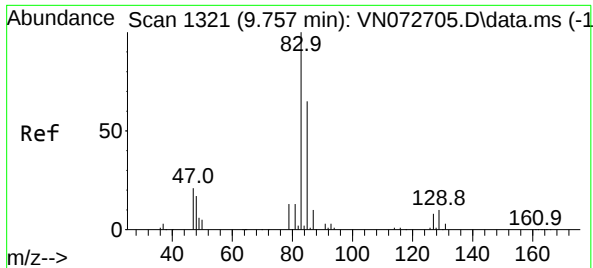
Ion Ratio Lower Upper

93 100

95 79.0 66.9 100.3

174 61.2 86.6 130.0





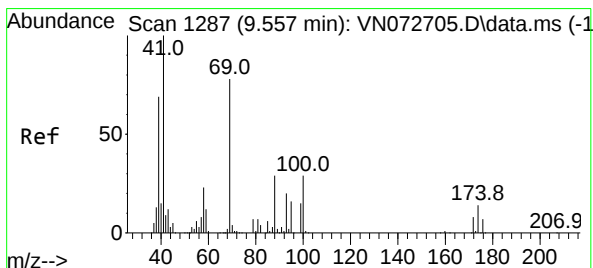
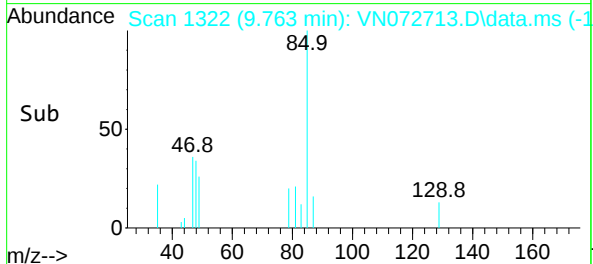
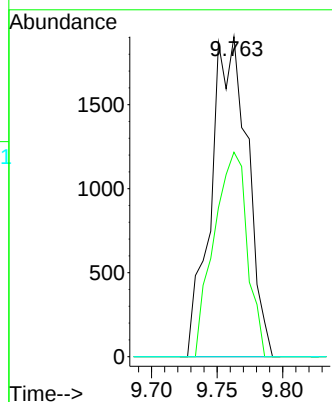
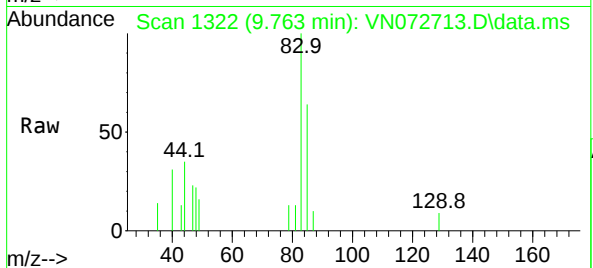
#47
Bromodichloromethane
Concen: 0.766 ug/l
RT: 9.763 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

Tgt Ion: 83 Resp: 369
Ion Ratio Lower Upper
83 100
85 63.9 50.5 75.7
127 0.0 6.8 10.2

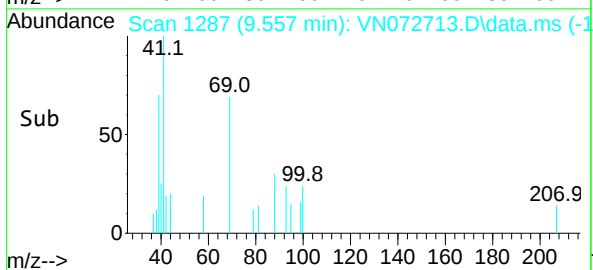
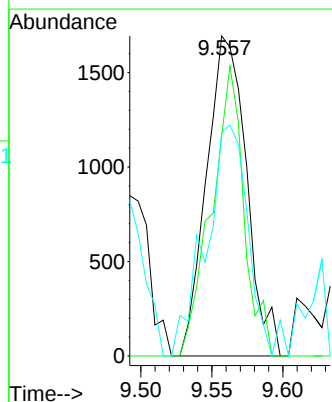
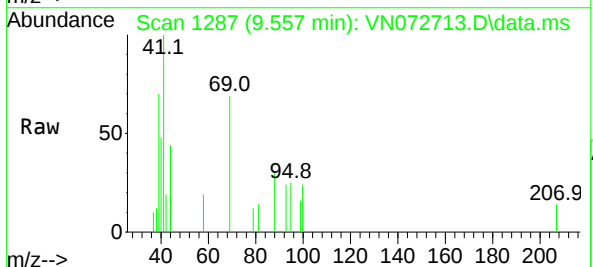
Manual Integrations
APPROVED

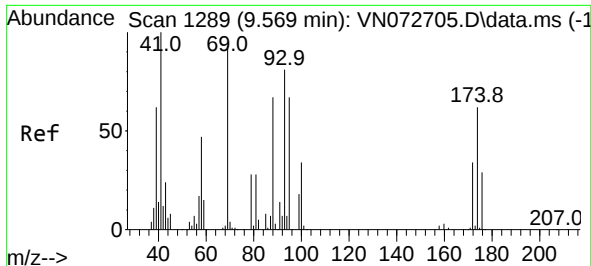
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#48
Methyl methacrylate
Concen: 0.707 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20

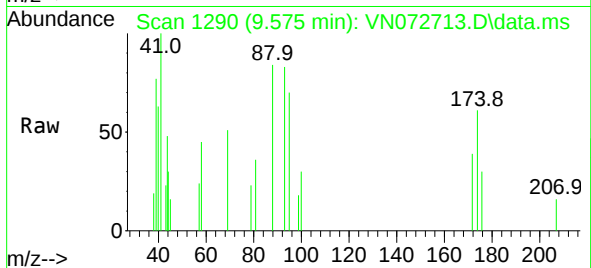
Tgt Ion: 41 Resp: 3314
Ion Ratio Lower Upper
41 100
69 73.9 74.7 112.1#
39 74.6 45.6 68.4#





#49
1,4-Dioxane
Concen: 15.347 ug/l
RT: 9.575 min Scan# 1289
Delta R.T. 0.006 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20

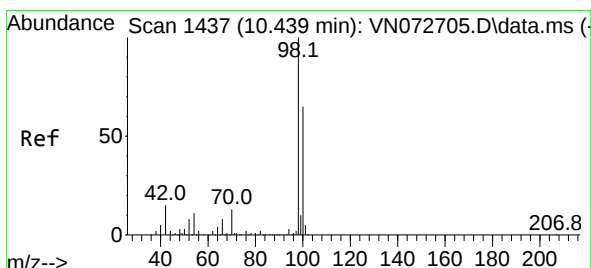
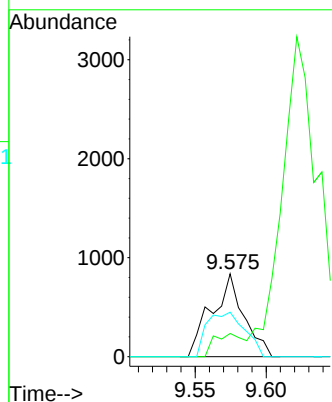
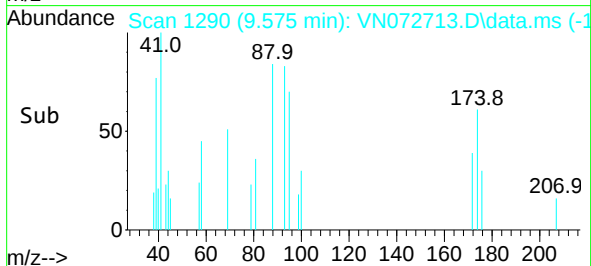
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 88 Resp: 131
Ion Ratio Lower Upper
88 100
43 26.2 20.2 30.4
58 63.2 54.2 81.4

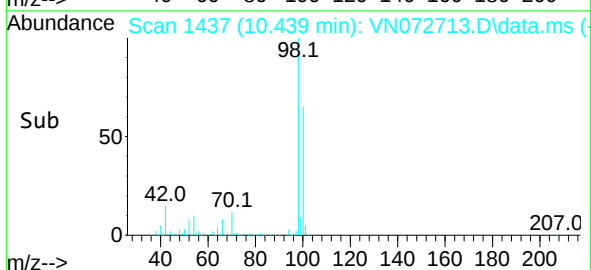
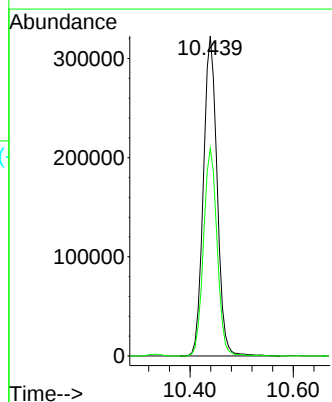
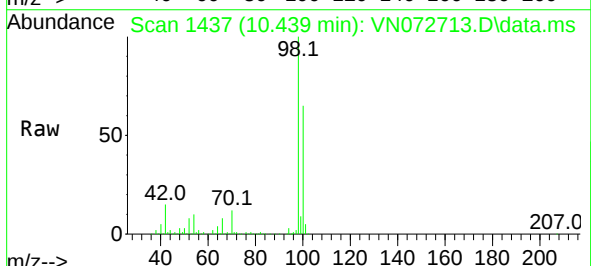
Manual Integrations
APPROVED

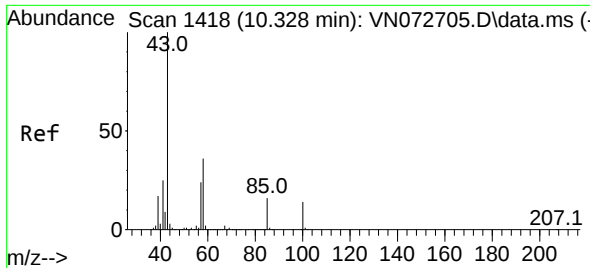
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#50
Toluene-d8
Concen: 50.423 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20

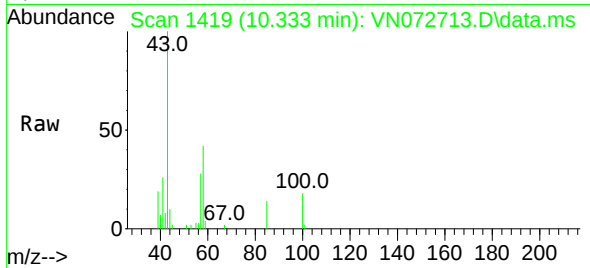
Tgt Ion: 98 Resp: 593457
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 3.409 ug/l
RT: 10.333 min Scan# 1419
Delta R.T. 0.005 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20

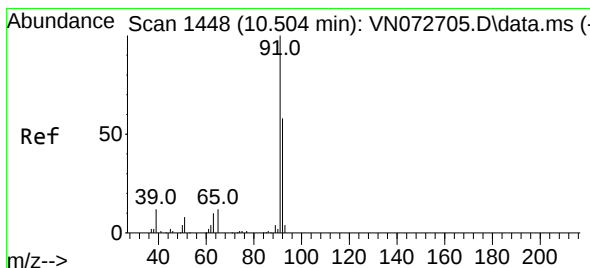
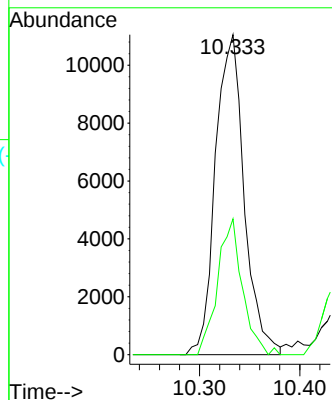
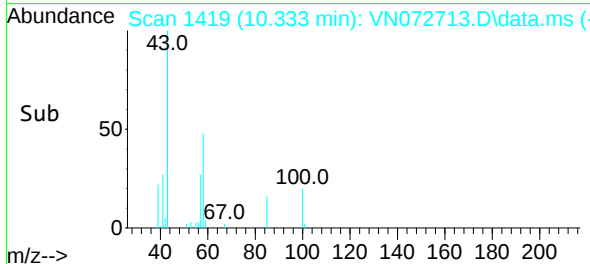
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 43 Resp: 2199
Ion Ratio Lower Upper
43 100
58 36.6 34.1 51.1

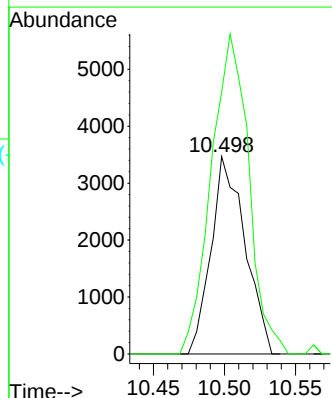
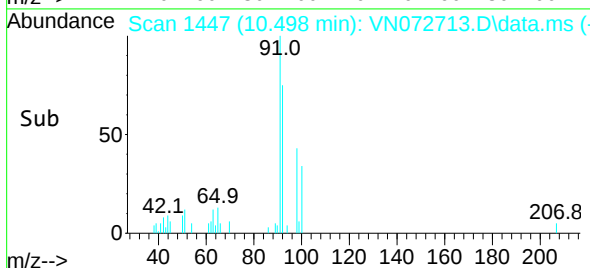
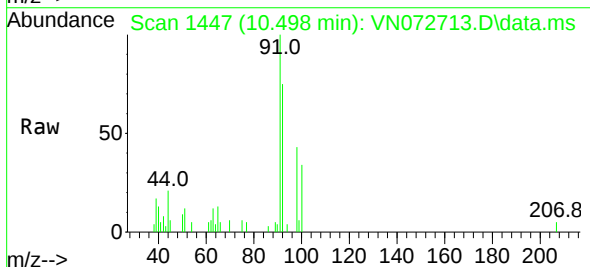
Manual Integrations
APPROVED

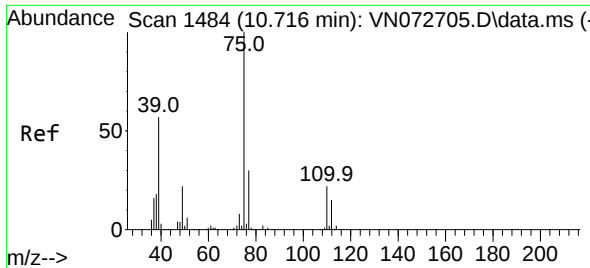
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#52
Toluene
Concen: 0.743 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20

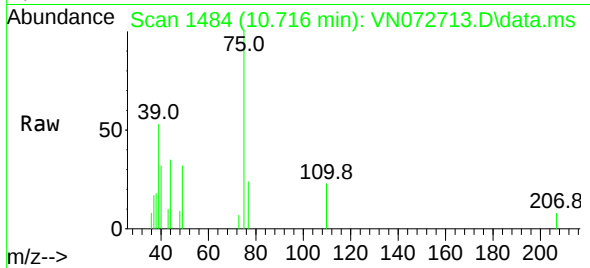
Tgt Ion: 92 Resp: 5763
Ion Ratio Lower Upper
92 100
91 179.0 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 0.671 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20

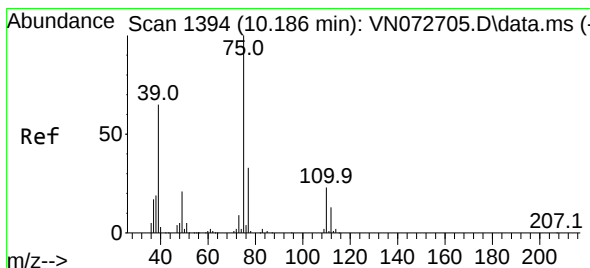
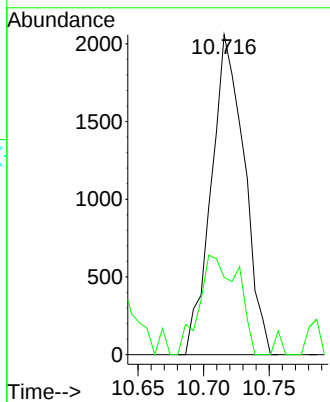
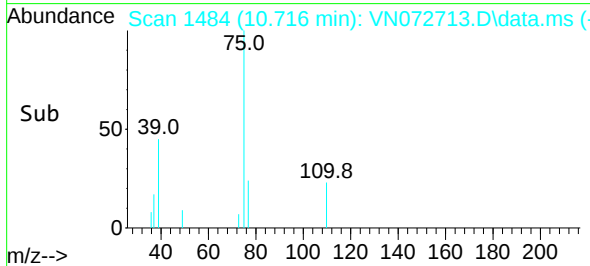
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



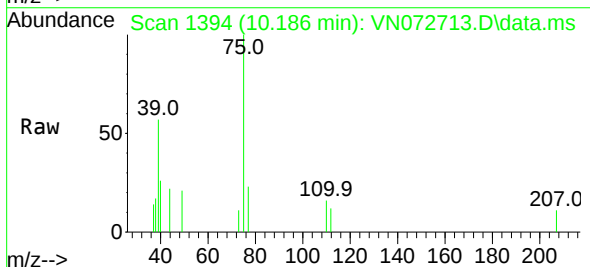
Tgt Ion: 75 Resp: 359
Ion Ratio Lower Upper
75 100
77 24.2 25.6 38.4

Manual Integrations
APPROVED

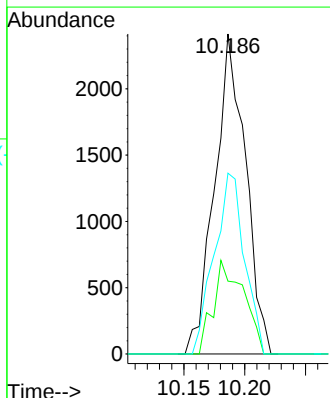
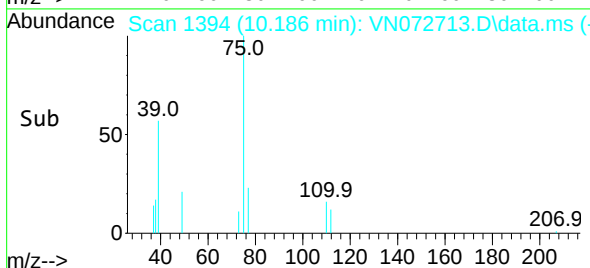
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

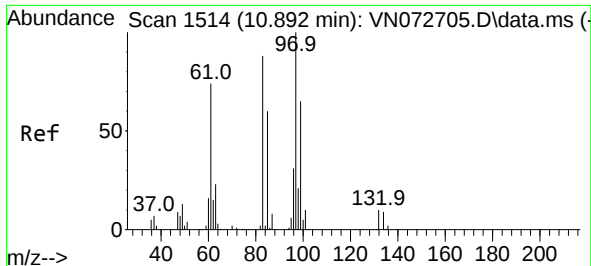


#54
cis-1,3-Dichloropropene
Concen: 0.769 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20



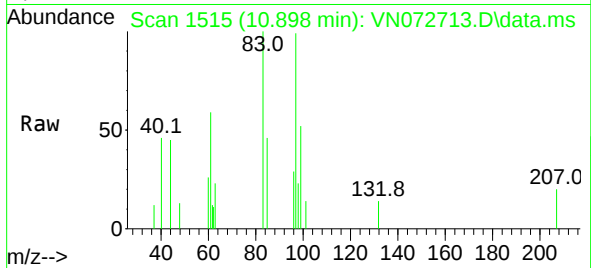
Tgt Ion: 75 Resp: 4259
Ion Ratio Lower Upper
75 100
77 22.8 25.2 37.8#
39 56.5 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 0.738 ug/l
RT: 10.898 min Scan# 1515
Delta R.T. 0.006 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20

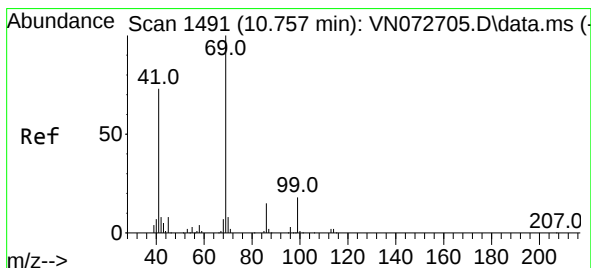
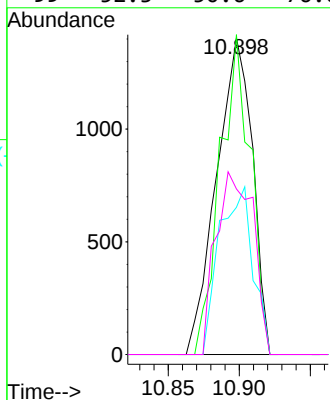
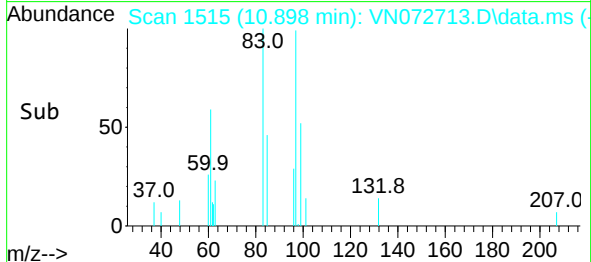
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



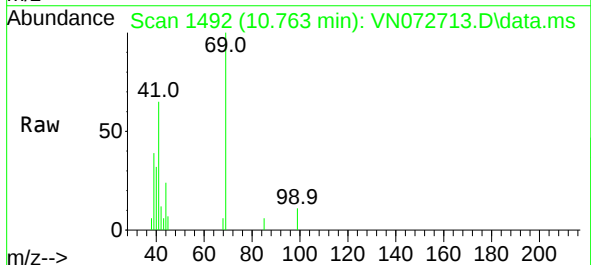
Tgt Ion	Ratio	Lower	Upper
97	100		
83	101.0	66.2	99.4
85	46.5	43.9	65.9
99	52.3	50.6	76.0

Manual Integrations
APPROVED

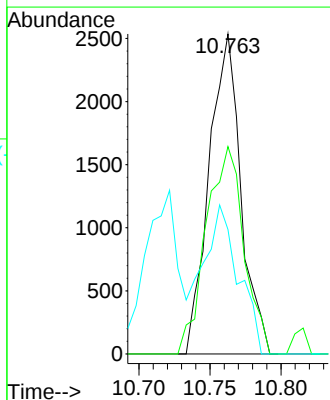
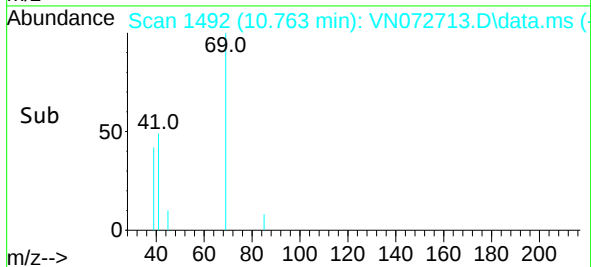
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

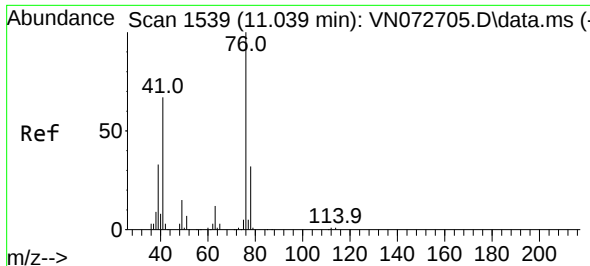


#56
Ethyl methacrylate
Concen: 0.666 ug/l
RT: 10.763 min Scan# 1492
Delta R.T. 0.006 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20



Tgt Ion	Ratio	Lower	Upper
69	100		
41	77.0	47.8	71.6
39	52.2	27.3	40.9





#57

1,3-Dichloropropane

Concen: 0.744 ug/l

RT: 11.045 min Scan# 1540

Delta R.T. 0.006 min

Lab File: VN072713.D

Acq: 08 Jun 2022 22:20

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

Tgt Ion: 76 Resp: 444

Ion Ratio Lower Upper

76 100

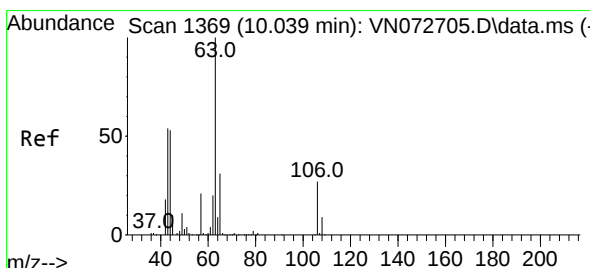
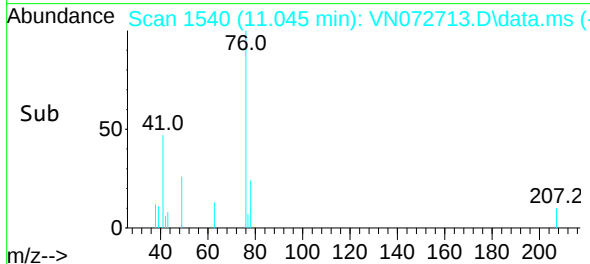
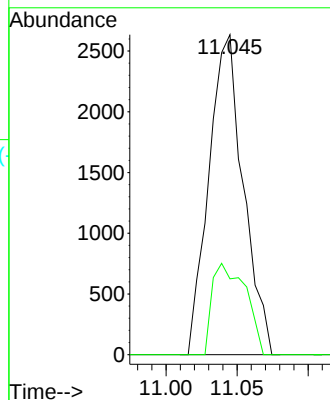
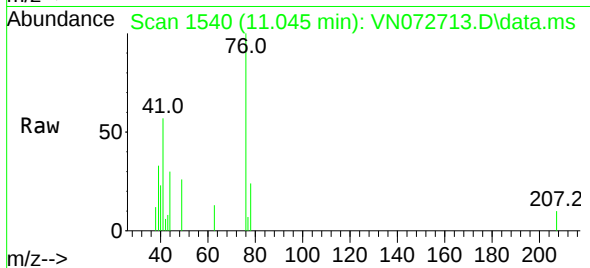
78 27.7 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#58

2-Chloroethyl Vinyl ether

Concen: 2.937 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VN072713.D

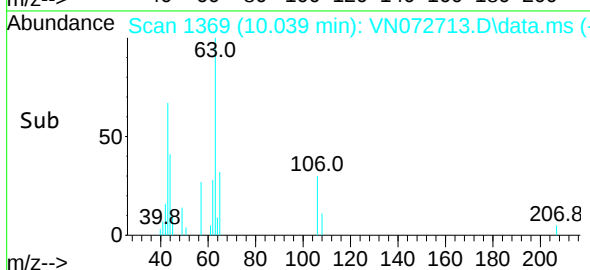
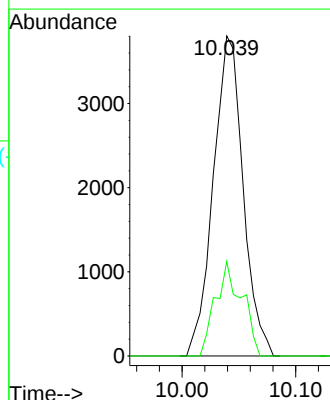
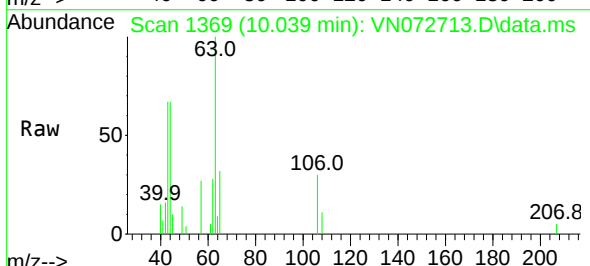
Acq: 08 Jun 2022 22:20

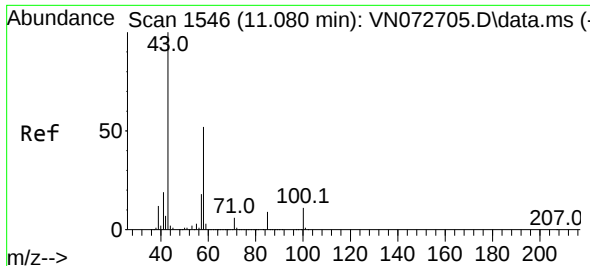
Tgt Ion: 63 Resp: 6932

Ion Ratio Lower Upper

63 100

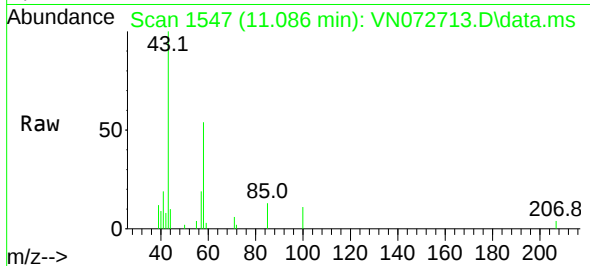
106 26.2 24.6 36.8





#59
2-Hexanone
Concen: 3.381 ug/l
RT: 11.086 min Scan# 1546
Delta R.T. 0.006 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20

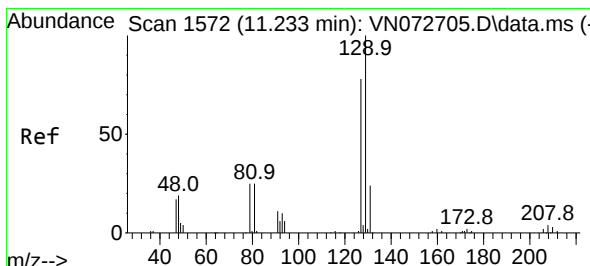
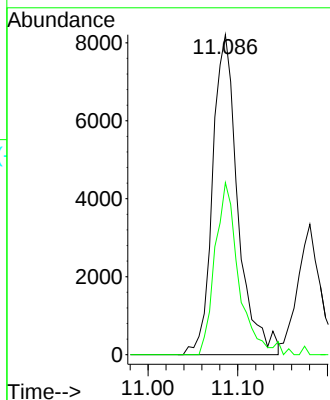
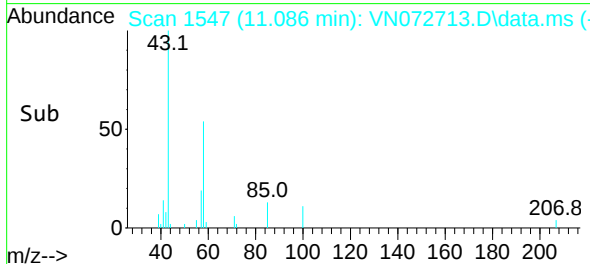
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 43 Resp: 1604
Ion Ratio Lower Upper
43 100
58 50.9 29.7 89.1

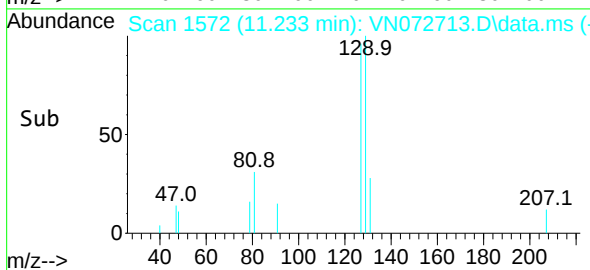
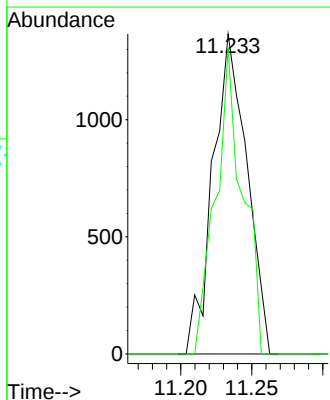
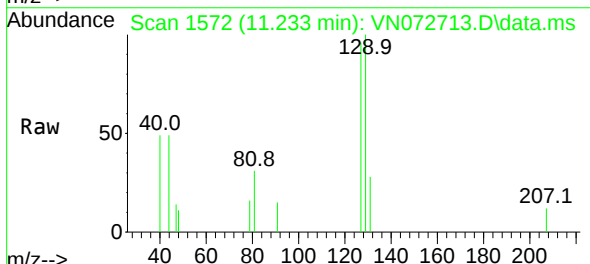
Manual Integrations
APPROVED

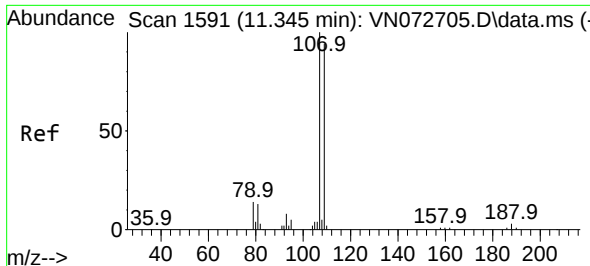
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#60
Dibromochloromethane
Concen: 0.653 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20

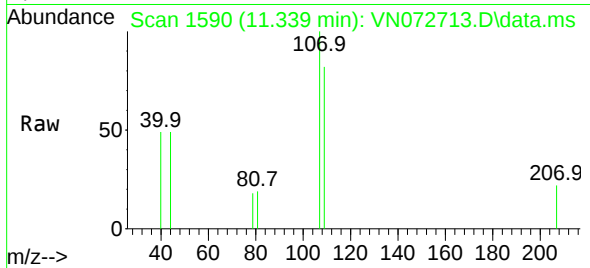
Tgt Ion:129 Resp: 2270
Ion Ratio Lower Upper
129 100
127 76.5 38.8 116.4





#61
1,2-Dibromoethane
Concen: 0.629 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20

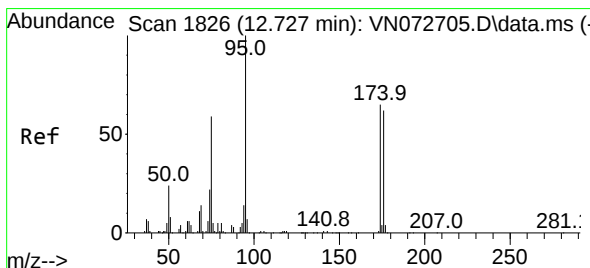
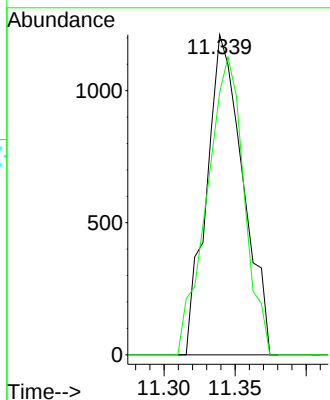
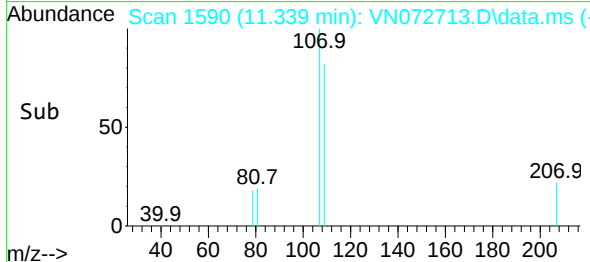
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



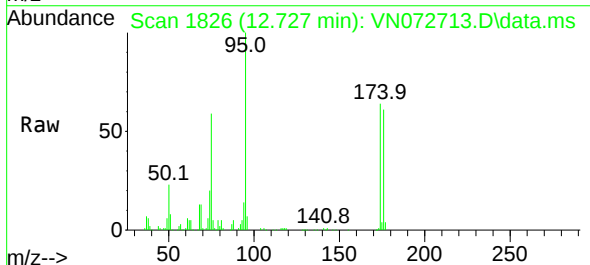
Tgt Ion: 107 Resp: 2158
Ion Ratio Lower Upper
107 100
109 95.2 75.0 112.6

Manual Integrations
APPROVED

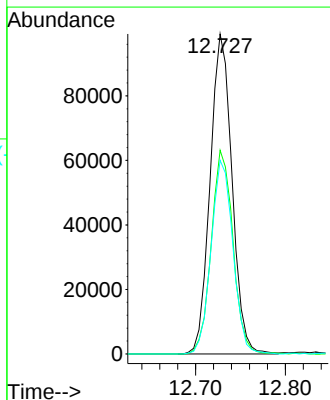
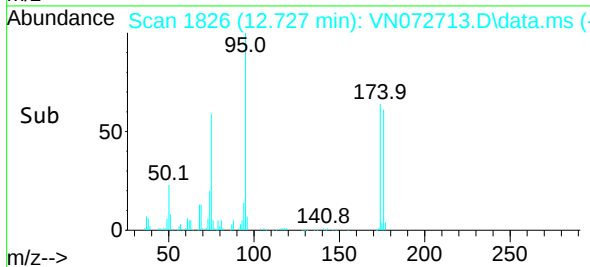
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

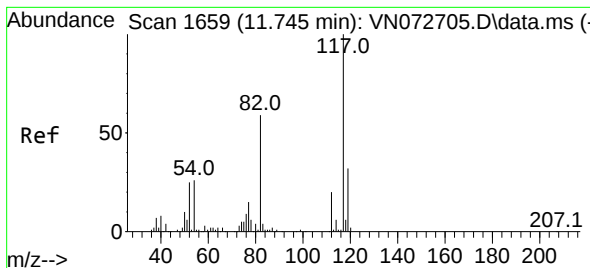


#62
4-Bromofluorobenzene
Concen: 41.578 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20



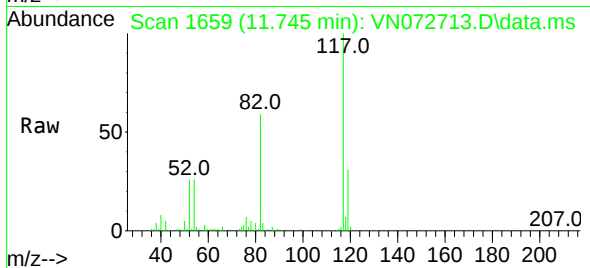
Tgt Ion: 95 Resp: 167922
Ion Ratio Lower Upper
95 100
174 63.2 0.0 167.6
176 60.4 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20

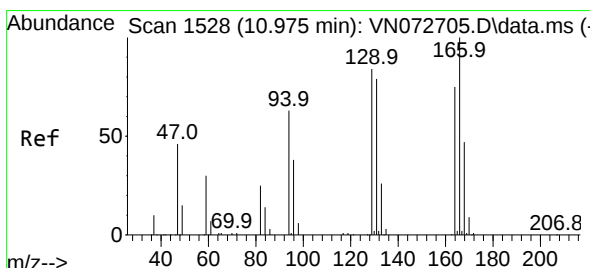
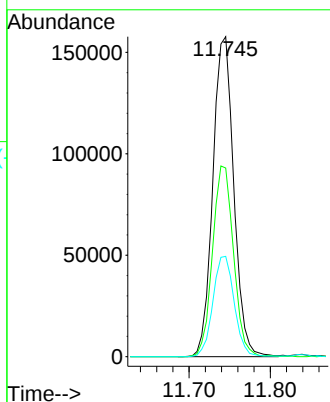
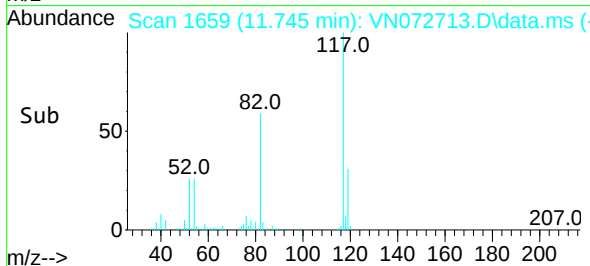
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



Tgt Ion:117 Resp: 283058
Ion Ratio Lower Upper
117 100
82 58.9 44.2 66.2
119 31.4 25.4 38.0

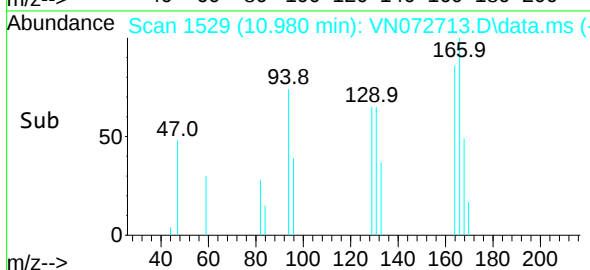
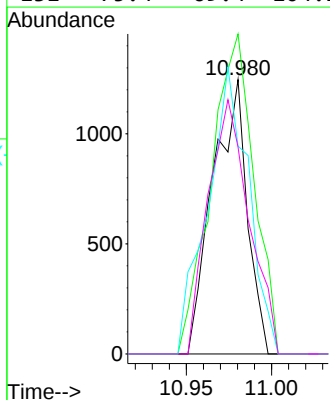
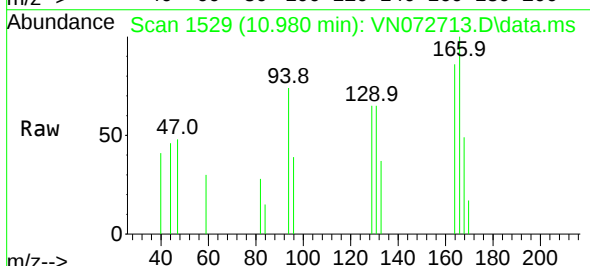
Manual Integrations
APPROVED

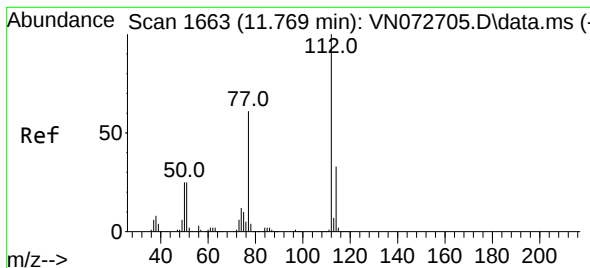
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#64
Tetrachloroethene
Concen: 0.734 ug/l
RT: 10.980 min Scan# 1529
Delta R.T. 0.005 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20

Tgt Ion:164 Resp: 1749
Ion Ratio Lower Upper
164 100
166 116.6 104.2 156.2
129 75.7 73.9 110.9
131 75.4 69.4 104.2





#65

Chlorobenzene

Concen: 0.848 ug/l

RT: 11.774 min Scan# 1664

Delta R.T. 0.005 min

Lab File: VN072713.D

Acq: 08 Jun 2022 22:20

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

Tgt Ion:112 Resp: 639

Ion Ratio Lower Upper

112 100

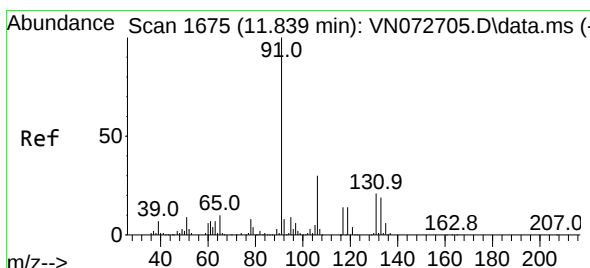
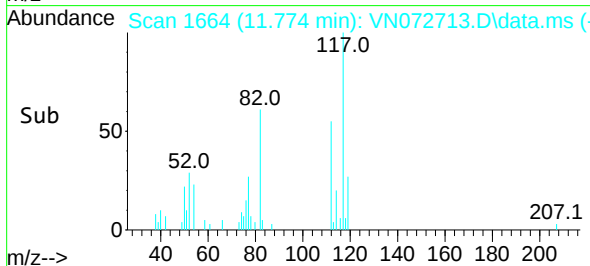
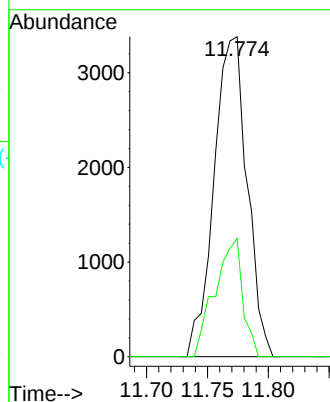
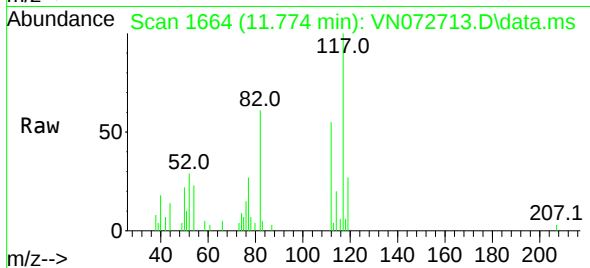
114 37.0 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#66

1,1,1,2-Tetrachloroethane

Concen: 0.708 ug/l

RT: 11.839 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VN072713.D

Acq: 08 Jun 2022 22:20

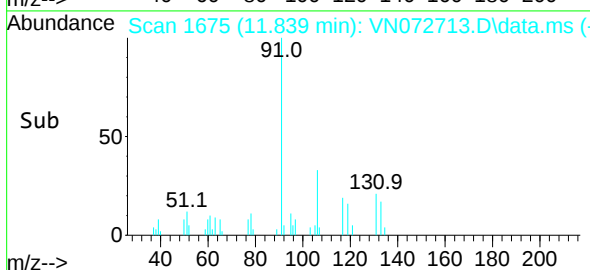
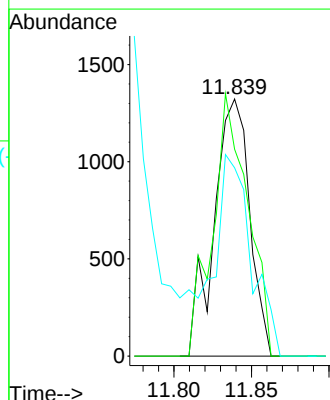
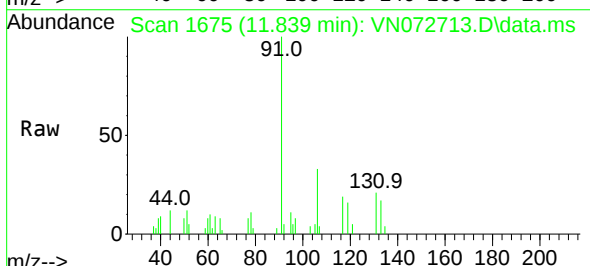
Tgt Ion:131 Resp: 2124

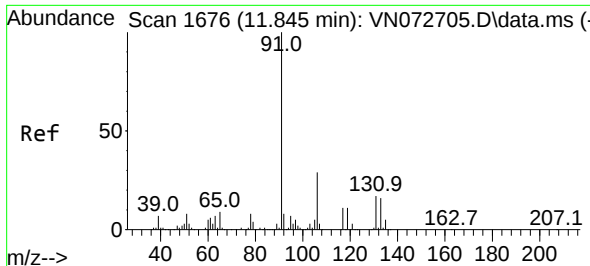
Ion Ratio Lower Upper

131 100

133 101.1 47.8 143.4

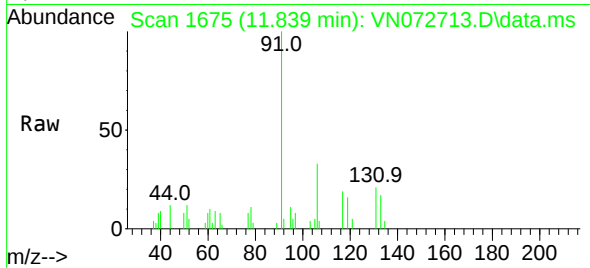
119 0.0 33.4 100.2#





#67
Ethyl Benzene
Concen: 0.719 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20

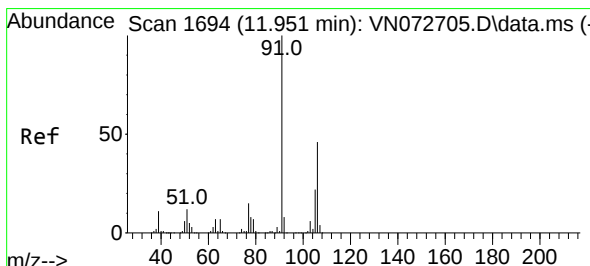
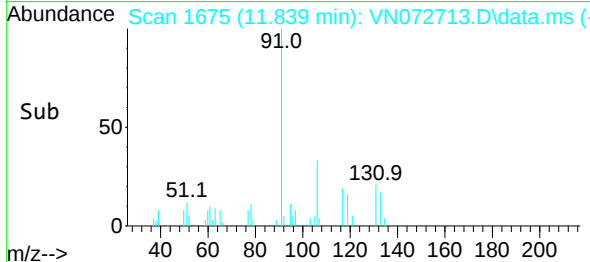
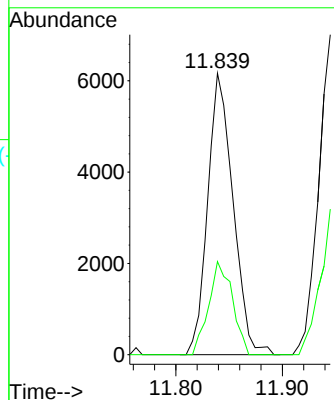
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 91 Resp: 1020
Ion Ratio Lower Upper
91 100
106 33.1 24.9 37.3

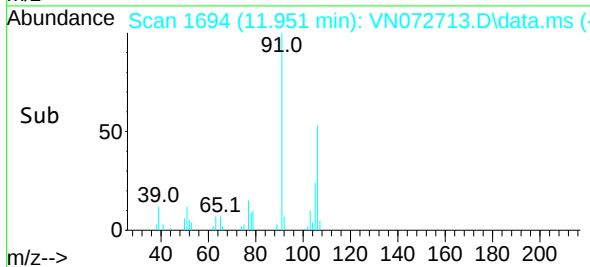
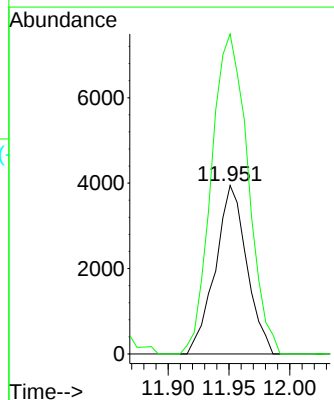
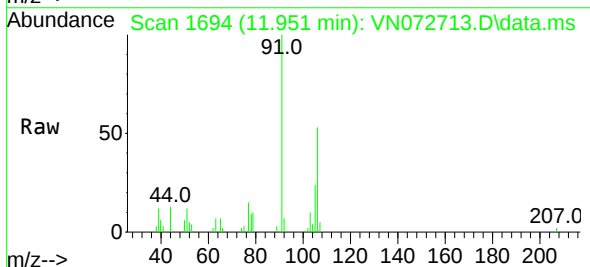
Manual Integrations
APPROVED

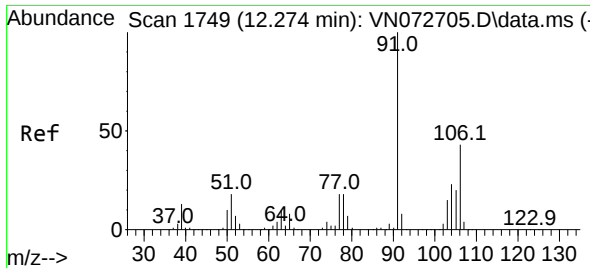
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#68
m/p-Xylenes
Concen: 1.410 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20

Tgt Ion:106 Resp: 7105
Ion Ratio Lower Upper
106 100
91 219.4 158.9 238.3





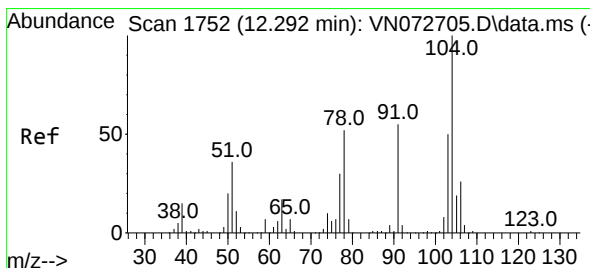
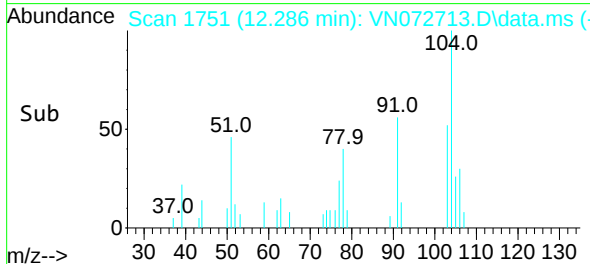
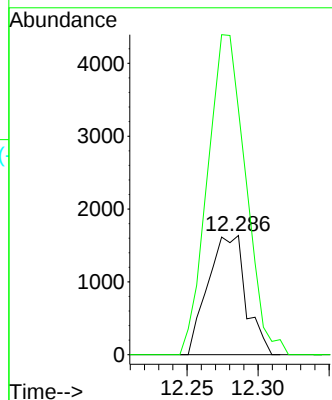
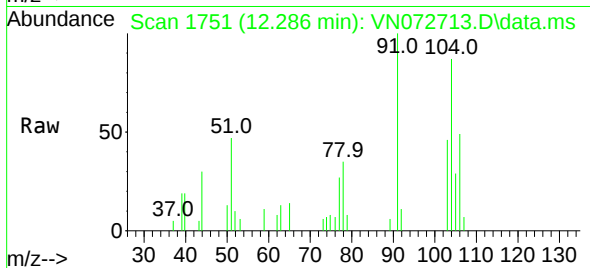
#69
o-Xylene
Concen: 0.598 ug/l
RT: 12.286 min Scan# 1751
Delta R.T. 0.012 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

Tgt Ion:106 Resp: 303
Ion Ratio Lower Upper
106 100
91 270.5 106.0 318.0

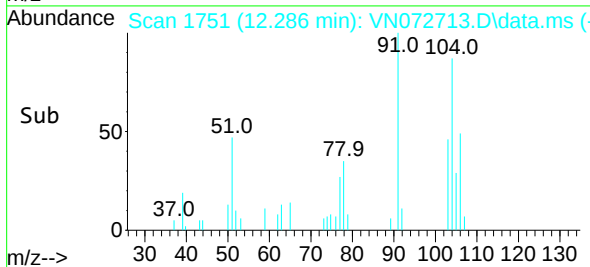
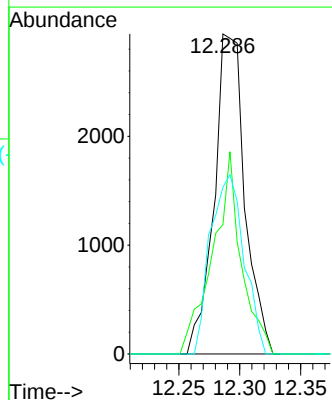
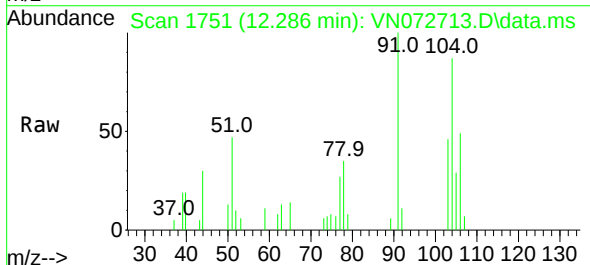
Manual Integrations
APPROVED

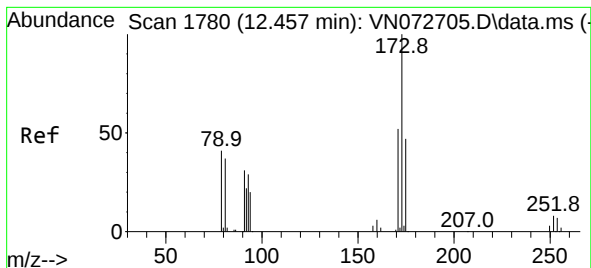
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#70
Styrene
Concen: 0.650 ug/l
RT: 12.286 min Scan# 1751
Delta R.T. -0.006 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20

Tgt Ion:104 Resp: 5175
Ion Ratio Lower Upper
104 100
78 58.3 39.5 59.3
103 61.1 44.0 66.0





#71

Bromoform

Concen: 0.543 ug/l

RT: 12.457 min Scan# 173

Delta R.T. -0.000 min

Lab File: VN072713.D

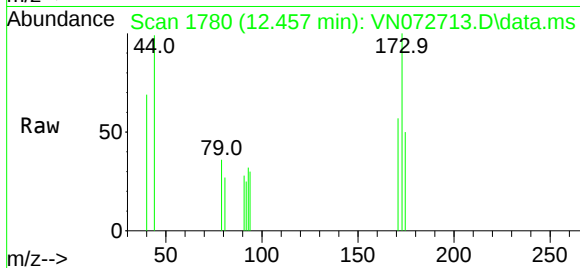
Acq: 08 Jun 2022 22:20

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022



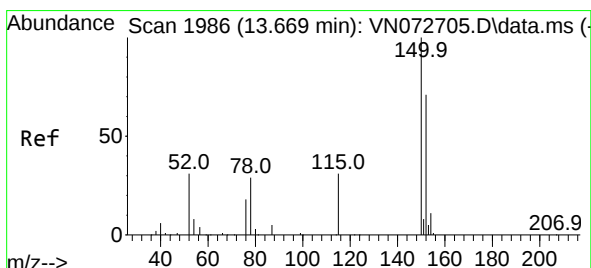
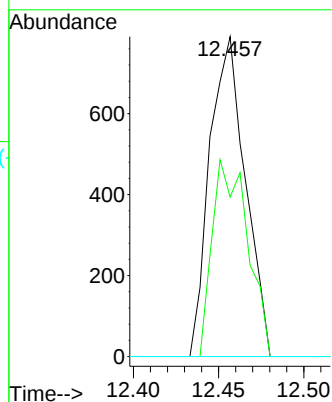
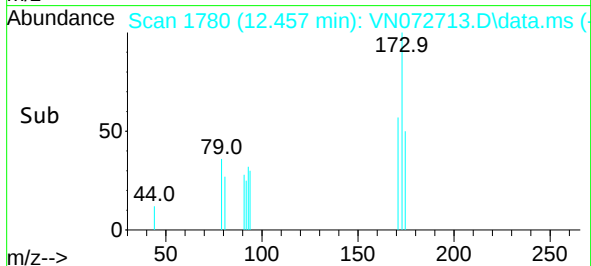
Tgt Ion:	173	Resp:	114
Ion Ratio	Lower	Upper	
173	100		
175	60.9	24.6	73.6
254	0.0	0.1	0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

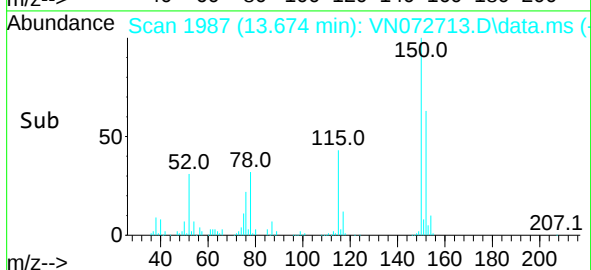
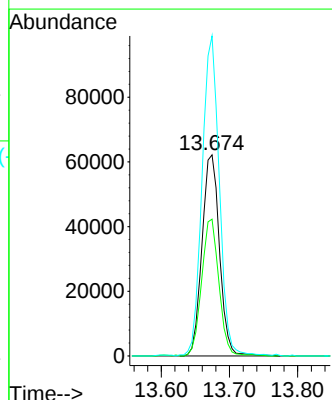
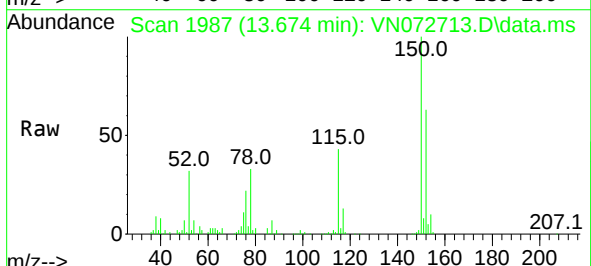
RT: 13.674 min Scan# 1987

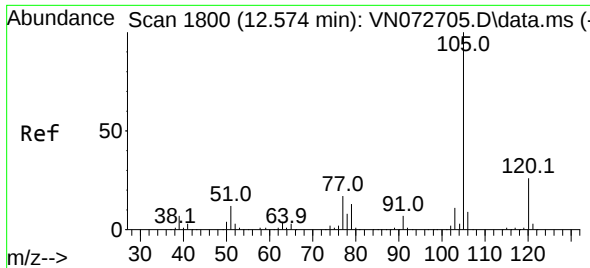
Delta R.T. 0.005 min

Lab File: VN072713.D

Acq: 08 Jun 2022 22:20

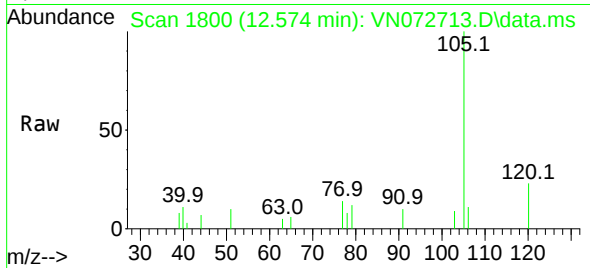
Tgt Ion:	152	Resp:	110845
Ion Ratio	Lower	Upper	
152	100		
115	66.9	28.9	86.7
150	156.8	0.0	356.2





#73
Isopropylbenzene
Concen: 0.738 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20

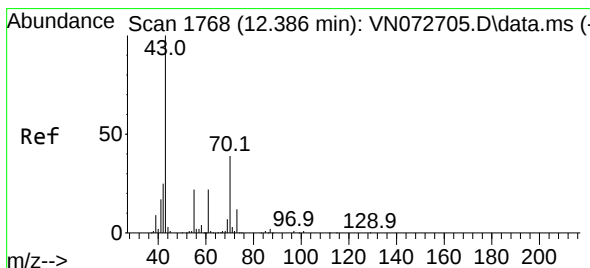
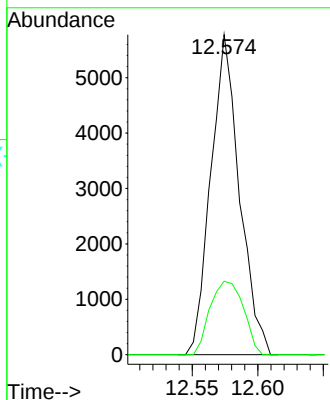
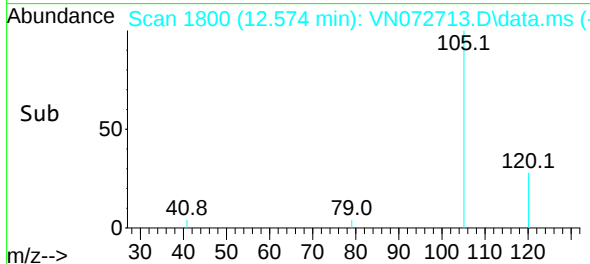
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion:105 Resp: 8770
Ion Ratio Lower Upper
105 100
120 26.7 13.5 40.4

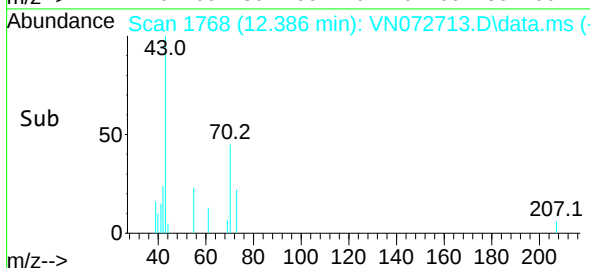
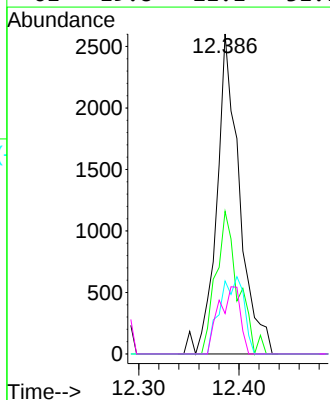
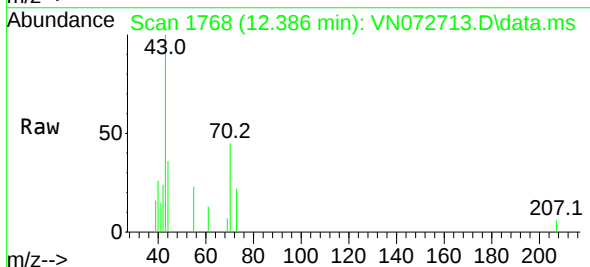
Manual Integrations
APPROVED

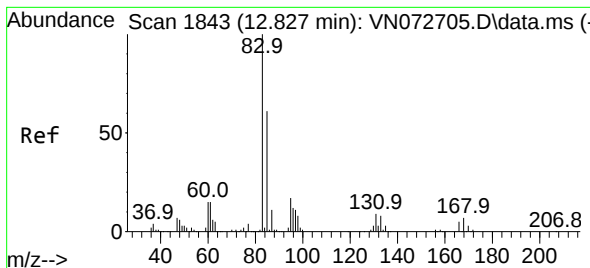
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#74
N-ethyl acetate
Concen: 0.739 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20

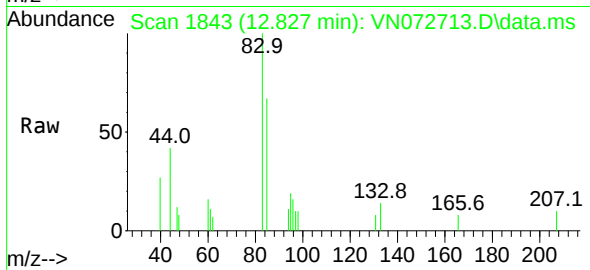
Tgt Ion: 43 Resp: 4085
Ion Ratio Lower Upper
43 100
70 43.7 39.0 58.4
55 25.6 21.1 31.7
61 19.8 21.1 31.7#





#75
1,1,2,2-Tetrachloroethane
Concen: 0.789 ug/l
RT: 12.827 min Scan# 1843
Delta R.T. 0.000 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20

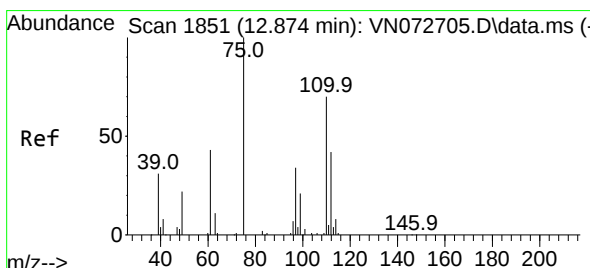
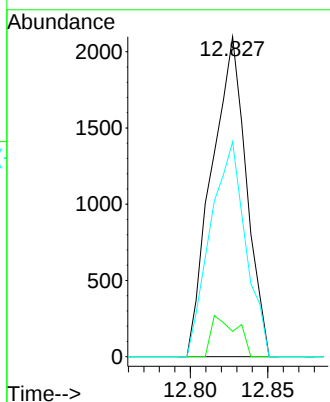
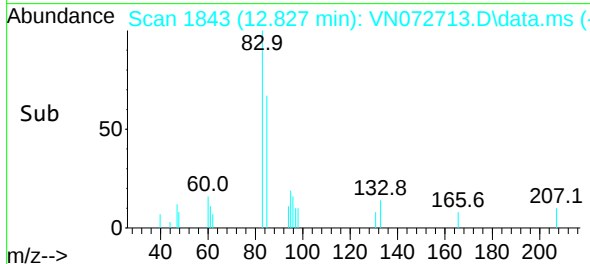
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 83 Resp: 3258
Ion Ratio Lower Upper
83 100
131 9.4 5.3 15.9
85 68.4 32.3 96.9

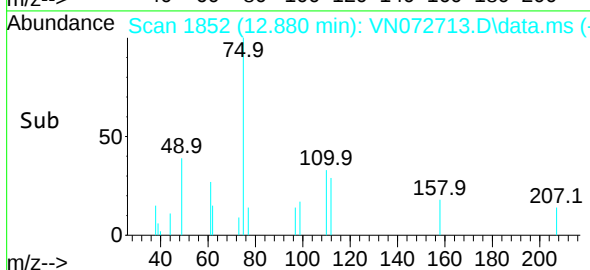
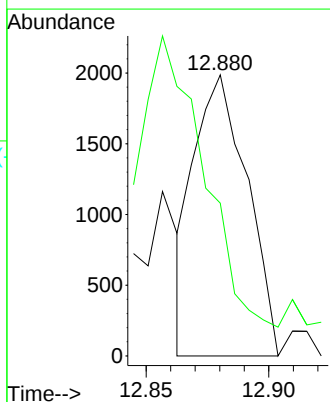
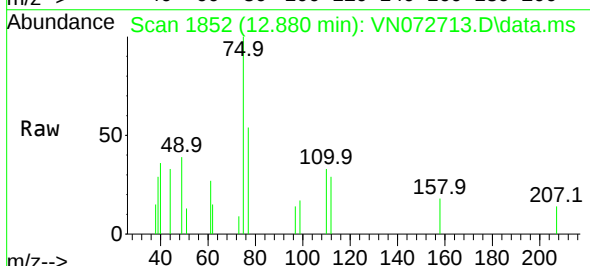
Manual Integrations
APPROVED

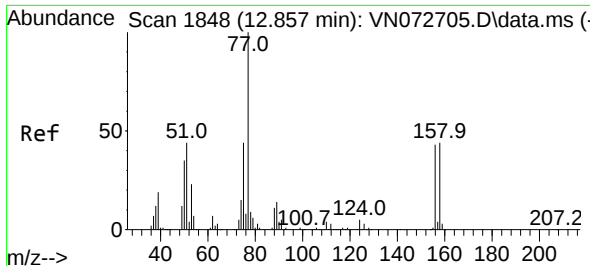
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#76
1,2,3-Trichloropropane
Concen: 0.838 ug/l m
RT: 12.880 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20

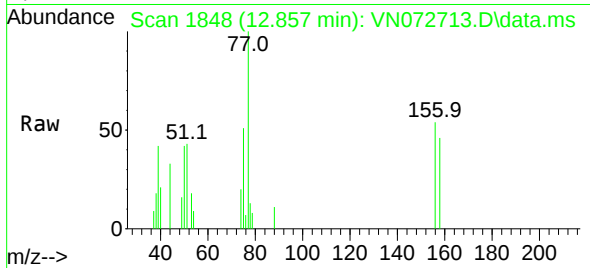
Tgt Ion: 75 Resp: 2996
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 0.767 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20

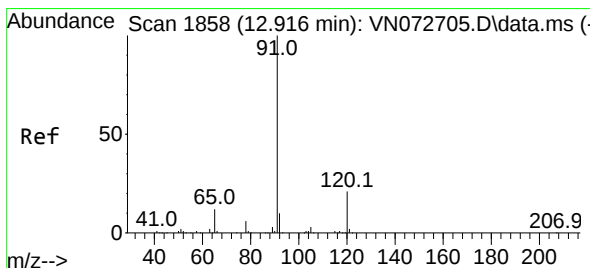
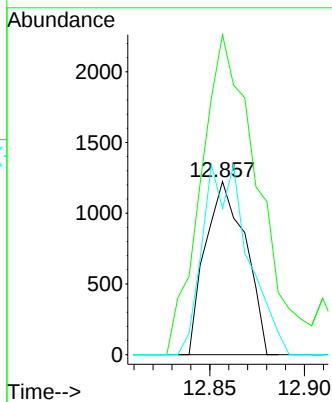
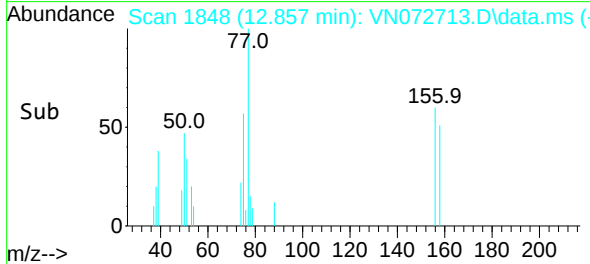
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



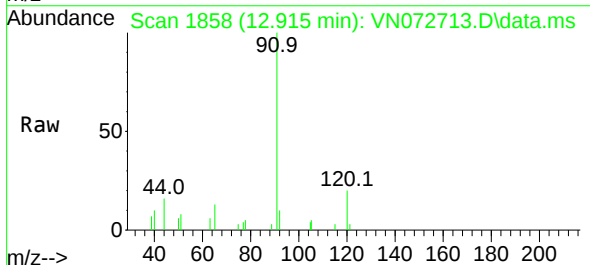
Tgt Ion: 156 Resp: 1798
Ion Ratio Lower Upper
156 100
77 264.0 100.5 301.5
158 124.4 48.9 146.6

Manual Integrations
APPROVED

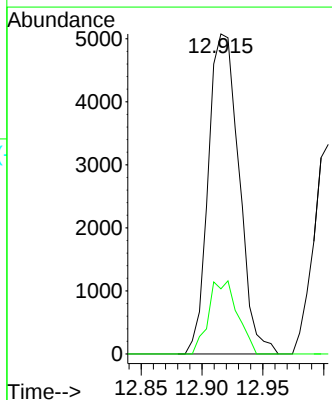
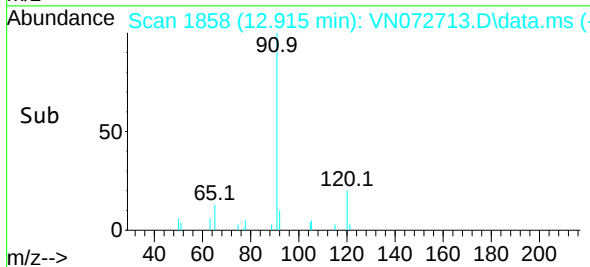
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

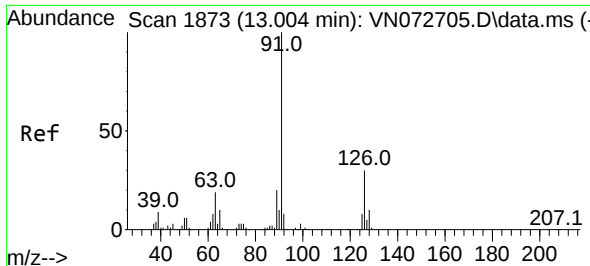


#78
n-propylbenzene
Concen: 0.687 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20



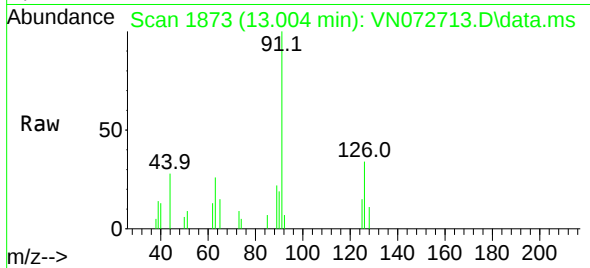
Tgt Ion: 91 Resp: 8919
Ion Ratio Lower Upper
91 100
120 21.5 11.9 35.5





#79
2-Chlorotoluene
Concen: 0.773 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20

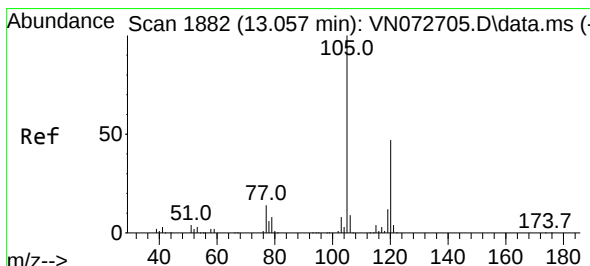
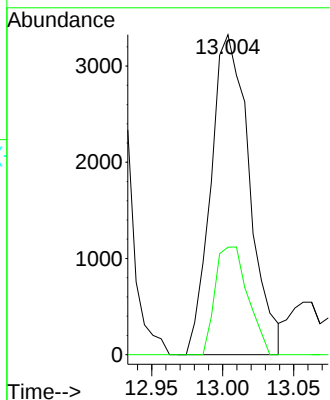
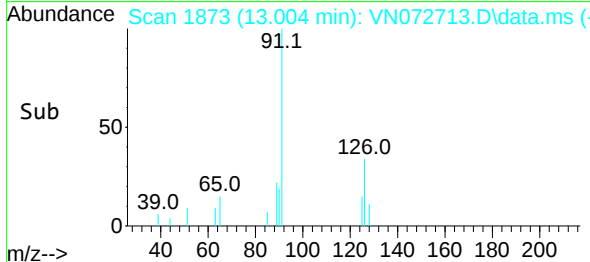
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



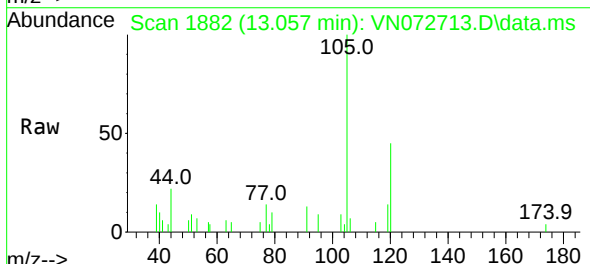
Tgt Ion: 91 Resp: 6294
Ion Ratio Lower Upper
91 100
126 28.4 17.3 51.9

Manual Integrations
APPROVED

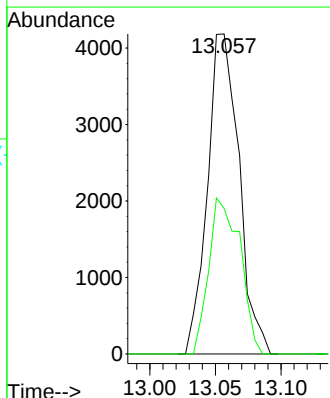
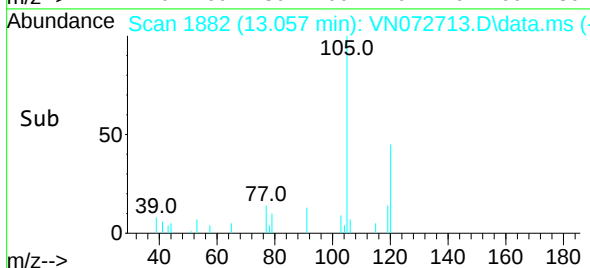
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

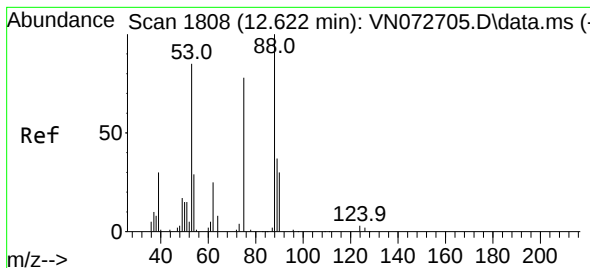


#80
1,3,5-Trimethylbenzene
Concen: 0.744 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20



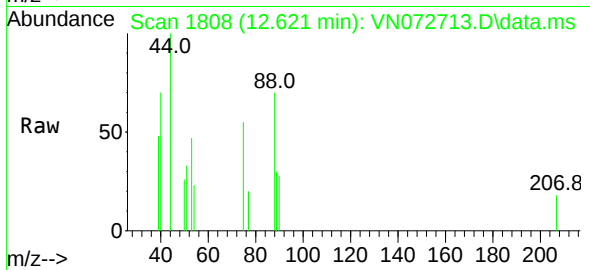
Tgt Ion:105 Resp: 7008
Ion Ratio Lower Upper
105 100
120 48.4 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 0.607 ug/l m
RT: 12.621 min Scan# 1808
Delta R.T. -0.001 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20

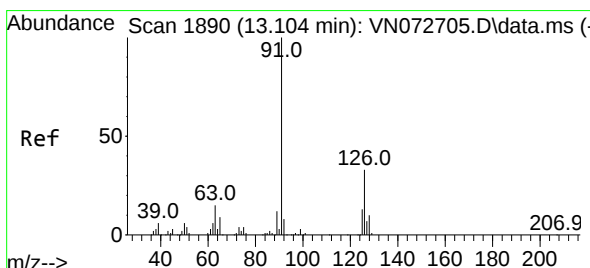
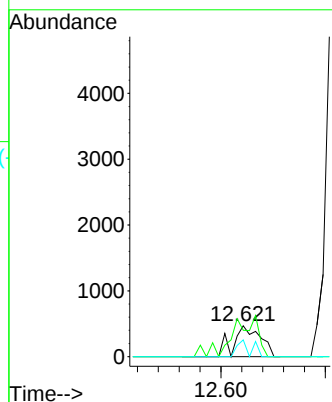
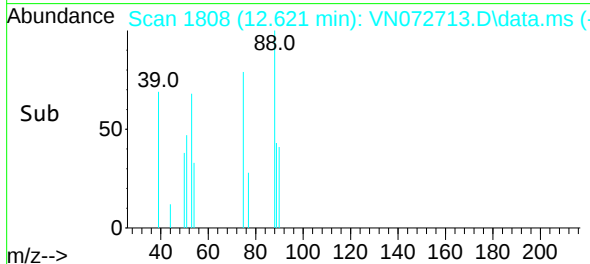
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



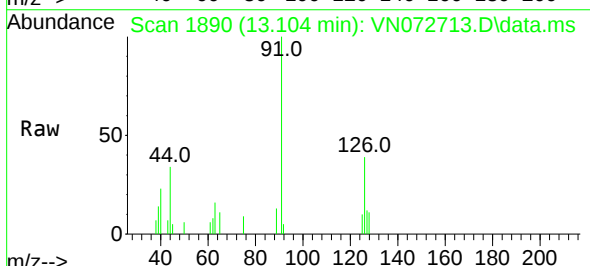
Tgt Ion: 75 Resp: 830
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0
89 0.0 37.2 55.8

Manual Integrations
APPROVED

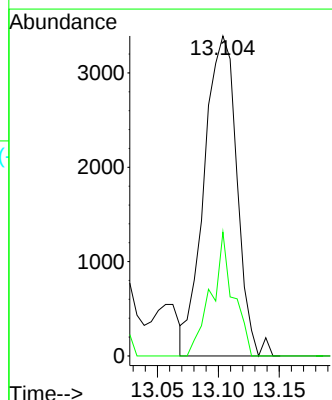
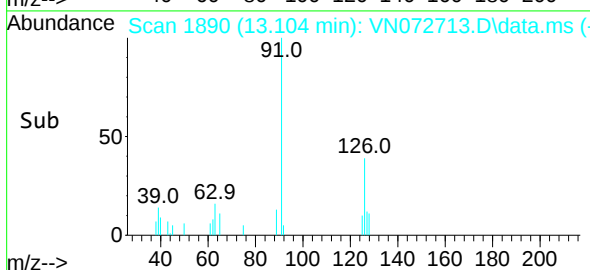
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

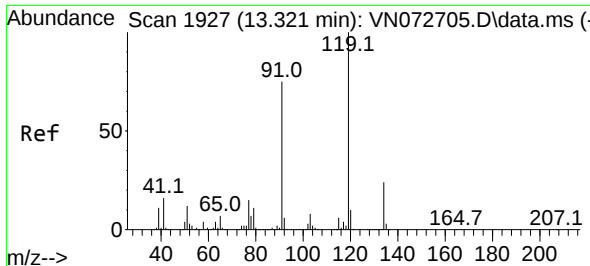


#82
4-Chlorotoluene
Concen: 0.844 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20



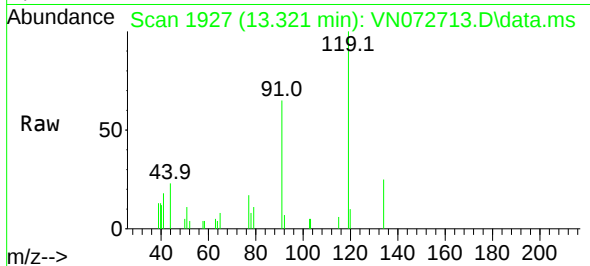
Tgt Ion: 91 Resp: 6349
Ion Ratio Lower Upper
91 100
126 26.0 17.2 51.6





#83
tert-Butylbenzene
Concen: 0.827 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20

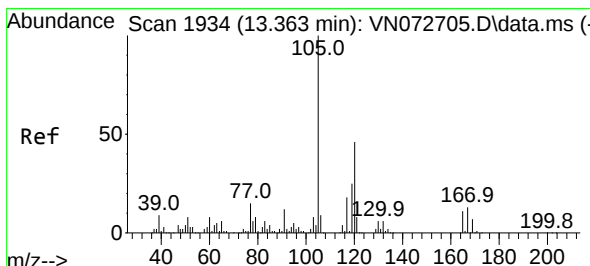
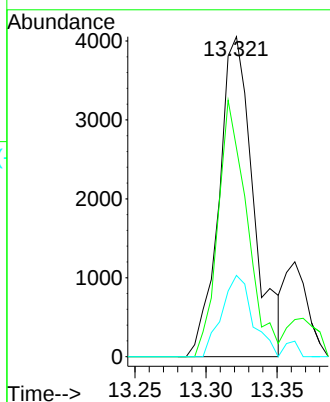
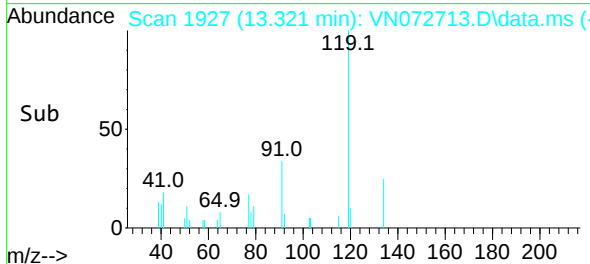
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



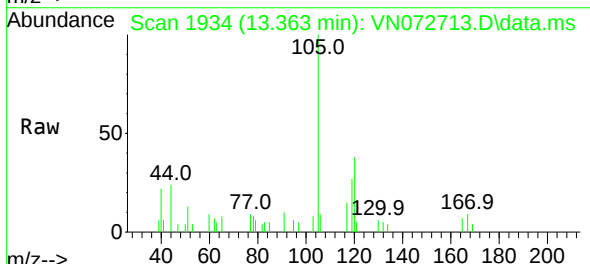
Tgt Ion:119 Resp: 6842
Ion Ratio Lower Upper
119 100
91 67.6 31.6 94.8
134 22.8 13.7 41.1

Manual Integrations
APPROVED

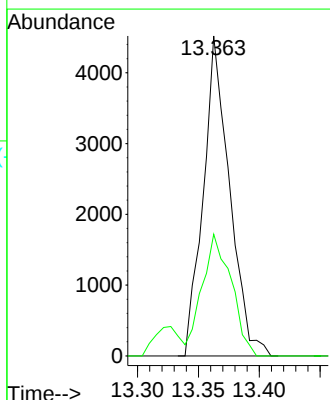
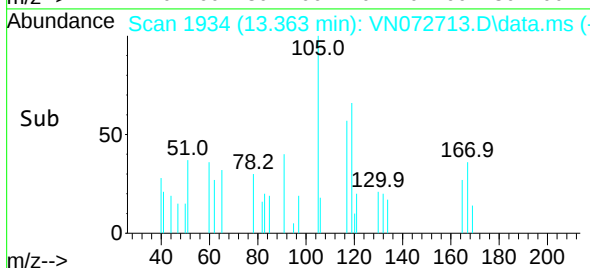
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

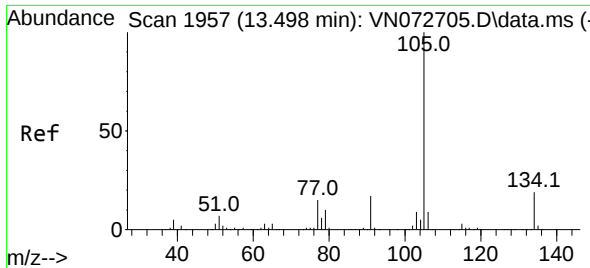


#84
1,2,4-Trimethylbenzene
Concen: 0.753 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20



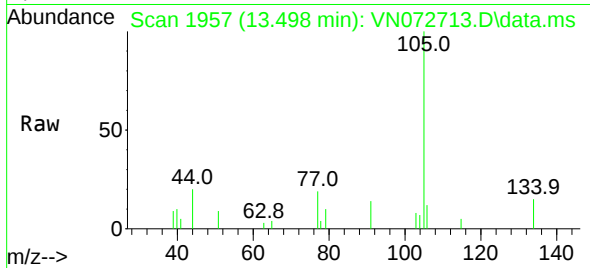
Tgt Ion:105 Resp: 6784
Ion Ratio Lower Upper
105 100
120 42.2 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 0.686 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072713.D
 Acq: 08 Jun 2022 22:20

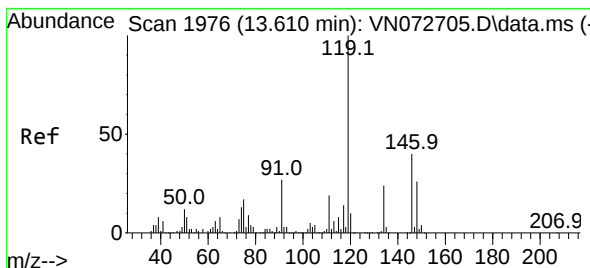
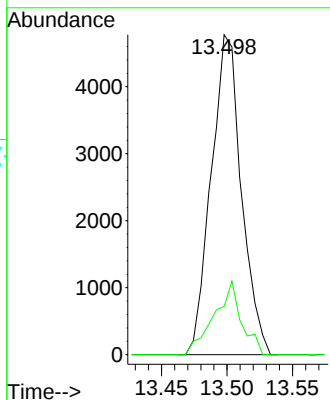
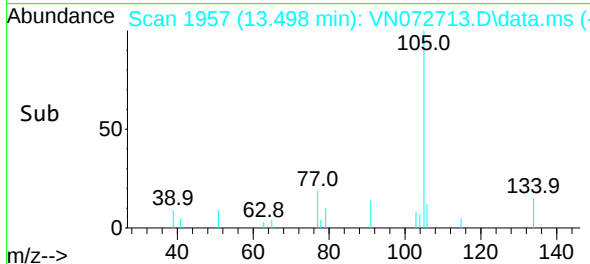
Instrument : MSVOA_N
 ClientSampleId : LOD-MDL-WATER-01-QT2-2022



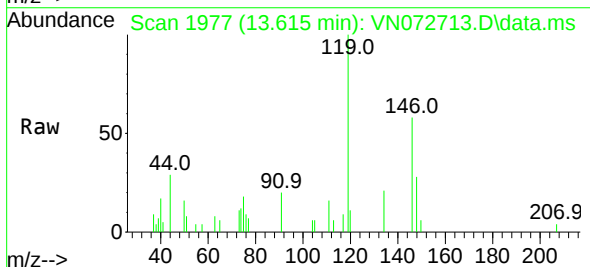
Tgt Ion:105 Resp: 765
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.4 31.1

Manual Integrations
 APPROVED

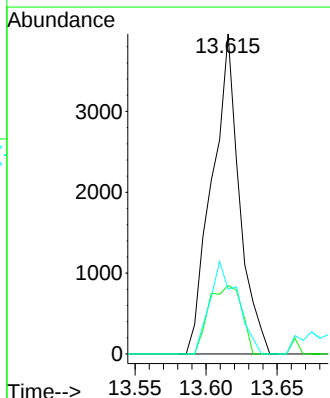
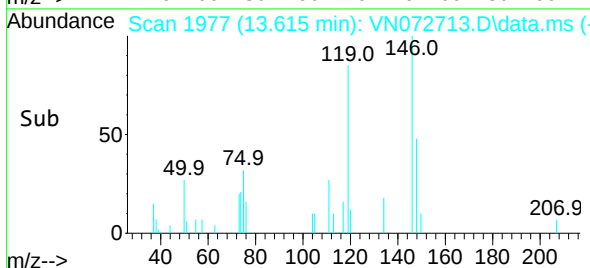
Reviewed By :John Carlone 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022

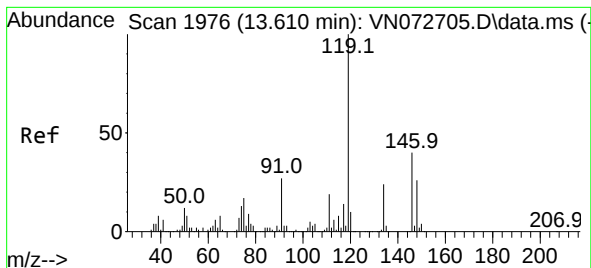


#86
 p-Isopropyltoluene
 Concen: 0.604 ug/l
 RT: 13.615 min Scan# 1977
 Delta R.T. 0.005 min
 Lab File: VN072713.D
 Acq: 08 Jun 2022 22:20



Tgt Ion:119 Resp: 5303
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.3 39.8
 91 29.4 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 0.857 ug/l

RT: 13.615 min Scan# 1976

Delta R.T. 0.005 min

Lab File: VN072713.D

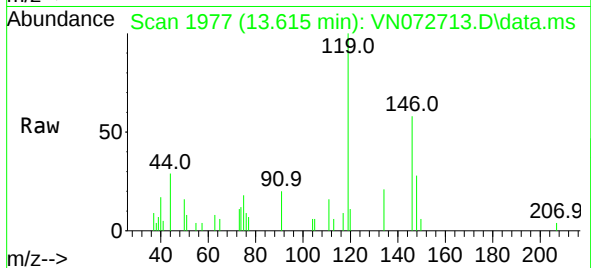
Acq: 08 Jun 2022 22:20

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022



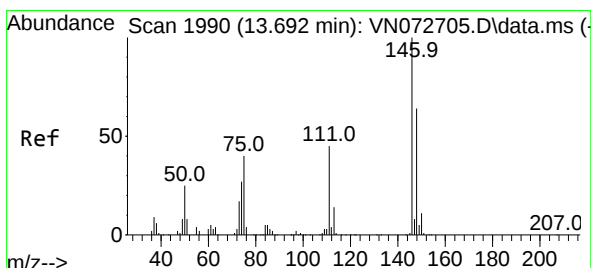
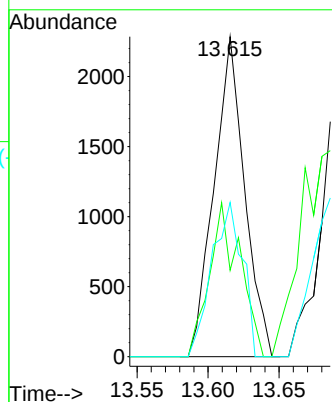
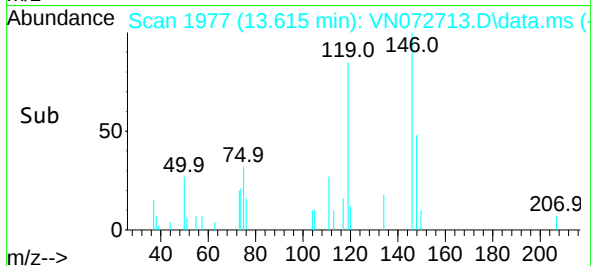
Tgt Ion:	146	Resp:	341
Ion Ratio	Lower	Upper	
146	100		
111	48.2	20.0	60.0
148	48.3	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#88

1,4-Dichlorobenzene

Concen: 0.873 ug/l m

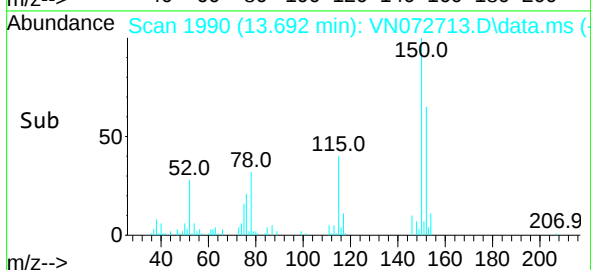
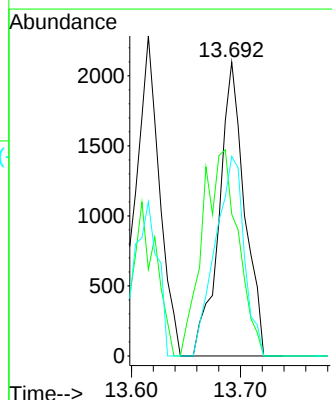
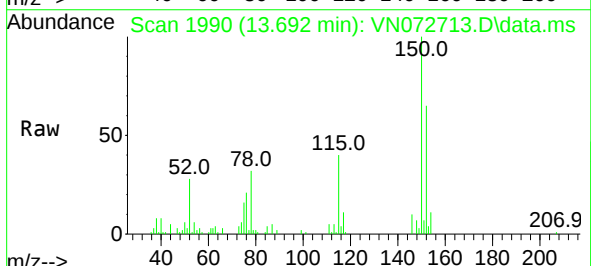
RT: 13.692 min Scan# 1990

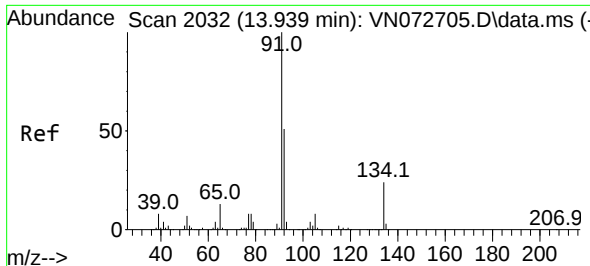
Delta R.T. -0.000 min

Lab File: VN072713.D

Acq: 08 Jun 2022 22:20

Tgt Ion:	146	Resp:	3403
Ion Ratio	Lower	Upper	
146	100		
111	48.3	19.1	57.1
148	48.4	31.4	94.3





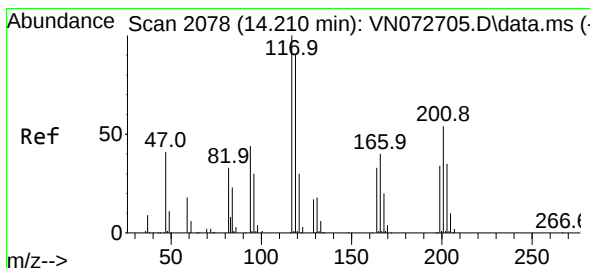
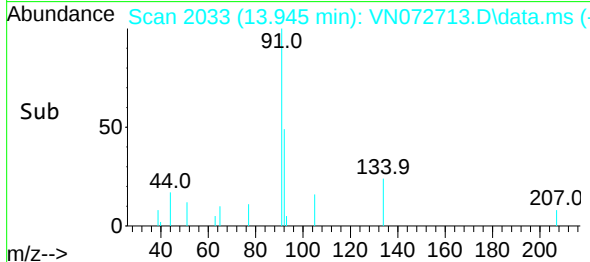
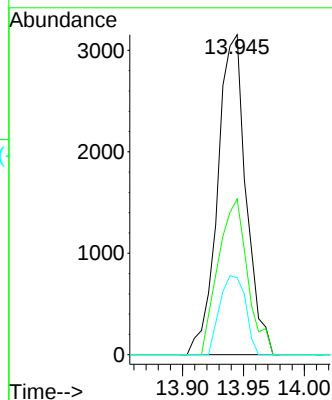
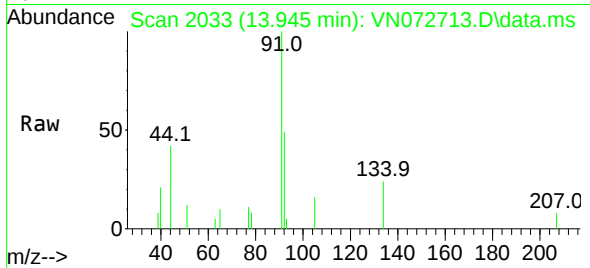
#89
n-Butylbenzene
Concen: 0.693 ug/l
RT: 13.945 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

Tgt Ion: 91 Resp: 512
Ion Ratio Lower Upper
91 100
92 50.1 26.9 80.7
134 22.2 13.6 40.8

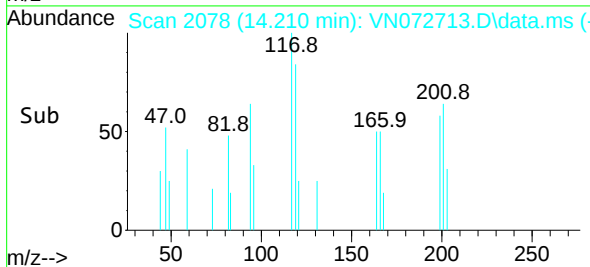
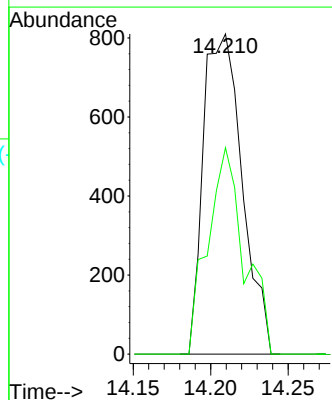
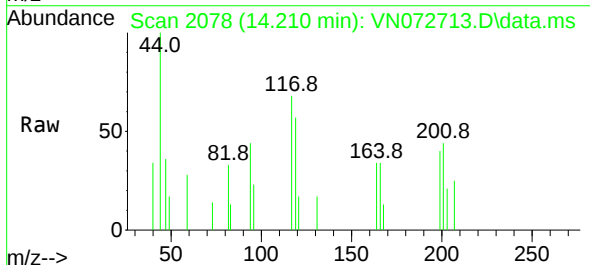
Manual Integrations
APPROVED

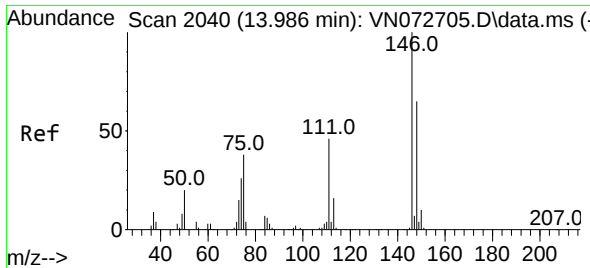
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#90
Hexachloroethane
Concen: 0.742 ug/l
RT: 14.210 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20

Tgt Ion:117 Resp: 1411
Ion Ratio Lower Upper
117 100
201 61.1 40.6 122.0





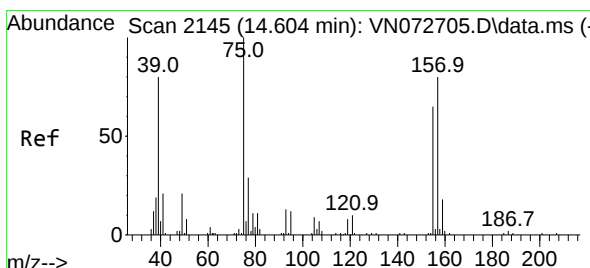
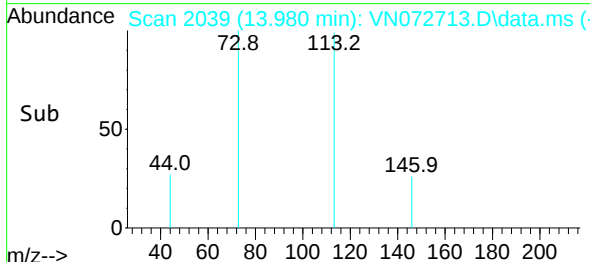
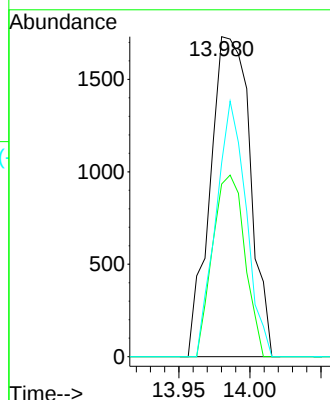
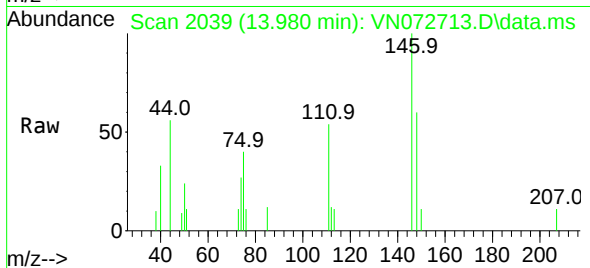
#91
1,2-Dichlorobenzene
Concen: 0.869 ug/l
RT: 13.980 min Scan# 2040
Delta R.T. -0.006 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2022

Tgt Ion:146 Resp: 339
Ion Ratio Lower Upper
146 100
111 45.7 20.9 62.8
148 60.1 32.1 96.3

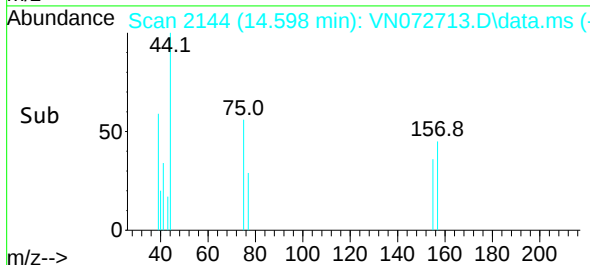
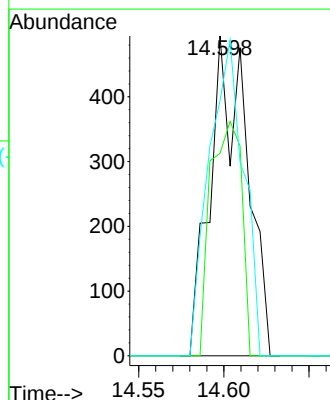
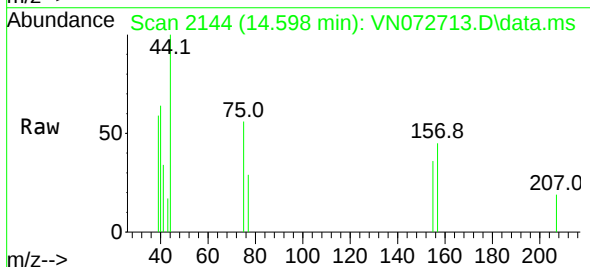
Manual Integrations
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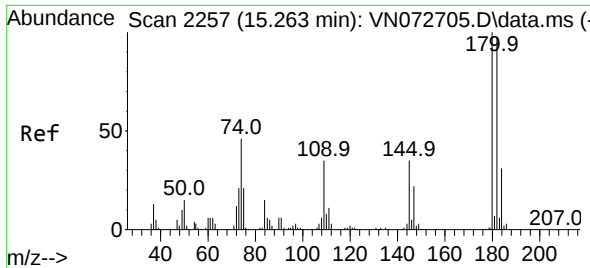
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.742 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.006 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20

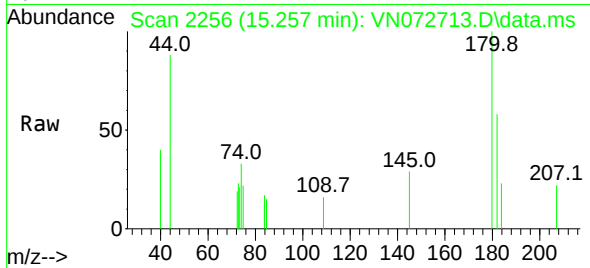
Tgt Ion: 75 Resp: 740
Ion Ratio Lower Upper
75 100
155 62.0 44.9 134.5
157 92.8 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 0.816 ug/l
RT: 15.257 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20

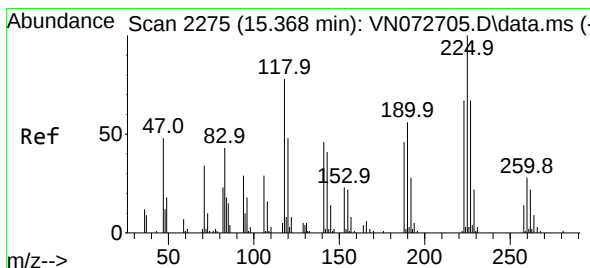
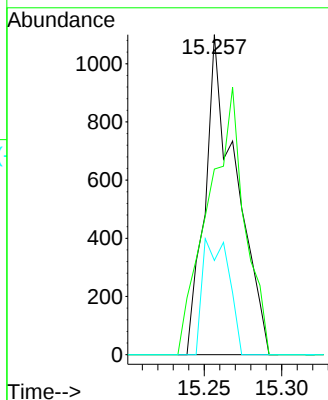
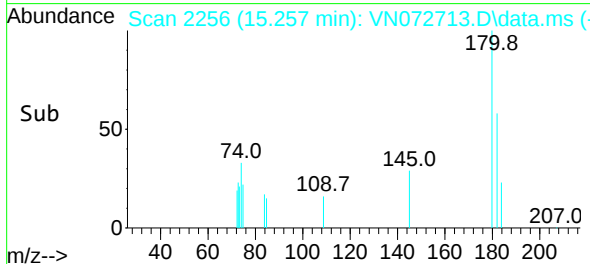
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



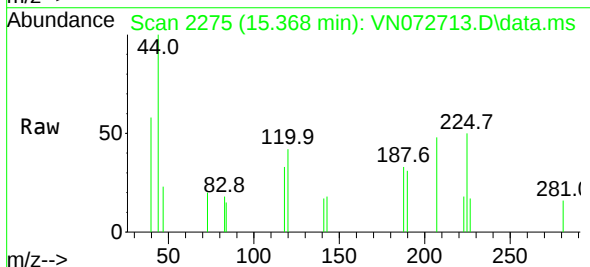
Tgt Ion:180 Resp: 153
Ion Ratio Lower Upper
180 100
182 98.2 47.5 142.5
145 30.5 14.5 43.5

Manual Integrations
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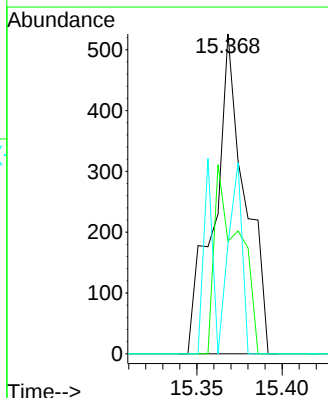
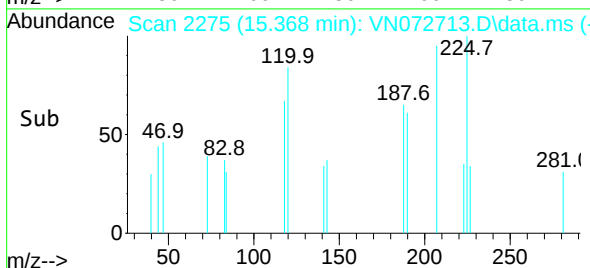
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

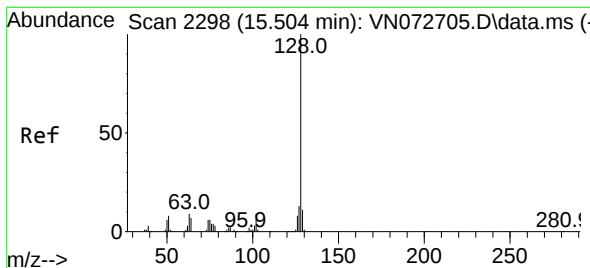


#94
Hexachlorobutadiene
Concen: 0.785 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.000 min
Lab File: VN072713.D
Acq: 08 Jun 2022 22:20



Tgt Ion:225 Resp: 660
Ion Ratio Lower Upper
225 100
223 0.0 32.4 97.2#
227 26.4 31.8 95.4#





#95

Naphthalene

Concen: 0.761 ug/l

RT: 15.504 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN072713.D

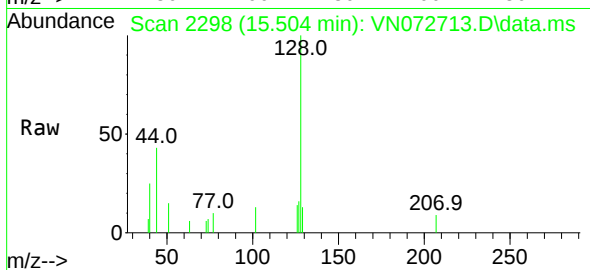
Acq: 08 Jun 2022 22:20

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022



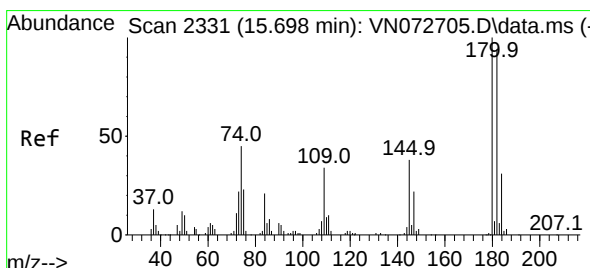
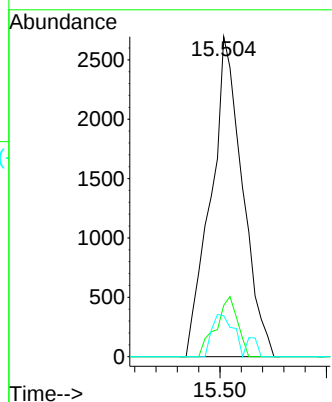
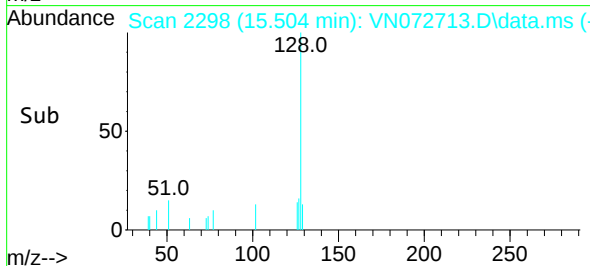
Tgt Ion:128	Resp:	554
Ion Ratio	Lower	Upper
128	100	
127	12.8	10.3 15.5
129	8.9	8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#96

1,2,3-Trichlorobenzene

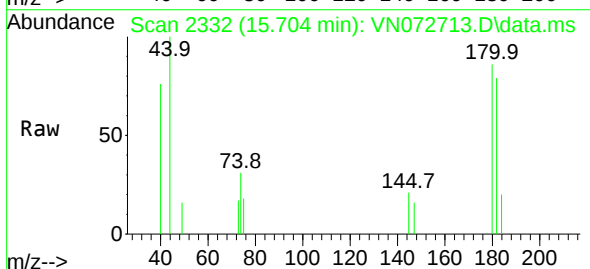
Concen: 0.792 ug/l

RT: 15.704 min Scan# 2332

Delta R.T. 0.006 min

Lab File: VN072713.D

Acq: 08 Jun 2022 22:20



Tgt Ion:180	Resp:	1480
Ion Ratio	Lower	Upper
180	100	
182	81.1	47.8 143.3
145	43.7	15.5 46.5

