

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060822\
 Data File : VN072715.D
 Acq On : 08 Jun 2022 23:09
 Operator : JC\MD
 Sample : N3214-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2022

Quant Time: Jun 09 06:19:13 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	151833	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	287357	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	270041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	106564	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	225945	55.445	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 110.900%			
35) Dibromofluoromethane	8.022	113	149367	52.532	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.060%			
50) Toluene-d8	10.439	98	579623	51.093	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.180%			
62) 4-Bromofluorobenzene	12.727	95	165181	42.432	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 84.860%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	2893	1.175	ug/l	81
3) Chloromethane	2.299	50	3952	1.347	ug/l	97
4) Vinyl Chloride	2.434	62	3568	1.323	ug/l	# 89
5) Bromomethane	2.857	94	2773	2.095	ug/l	# 50
6) Chloroethane	3.016	64	2764m	1.455	ug/l	
7) Trichlorofluoromethane	3.363	101	4874	1.135	ug/l	# 74
8) Diethyl Ether	3.822	74	1934	1.108	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.210	101	2635	1.121	ug/l	# 78
10) Methyl Iodide	4.422	142	1719	0.784	ug/l	# 87
11) Tert butyl alcohol	5.363	59	9687m	9.965	ug/l	
12) 1,1-Dichloroethene	4.175	96	2486	1.135	ug/l	# 77
13) Acrolein	4.046	56	2515	6.264	ug/l	94
14) Allyl chloride	4.840	41	5859	1.158	ug/l	# 79
15) Acrylonitrile	5.557	53	11525	5.596	ug/l	92
16) Acetone	4.293	43	12200	6.248	ug/l	95
17) Carbon Disulfide	4.522	76	7406	1.339	ug/l	# 88
18) Methyl Acetate	4.863	43	6453	1.270	ug/l	# 63
19) Methyl tert-butyl Ether	5.610	73	10919	1.102	ug/l	93
20) Methylene Chloride	5.093	84	4043	1.312	ug/l	# 88
21) trans-1,2-Dichloroethene	5.598	96	2790m	1.157	ug/l	
22) Diisopropyl ether	6.498	45	10923	1.065	ug/l	# 87
23) Vinyl Acetate	6.440	43	45864	4.887	ug/l	98
24) 1,1-Dichloroethane	6.381	63	6470	1.215	ug/l	# 82
25) 2-Butanone	7.340	43	18447	5.873	ug/l	# 86
26) 2,2-Dichloropropane	7.316	77	5865	1.218	ug/l	83
27) cis-1,2-Dichloroethene	7.328	96	3786	1.234	ug/l	75
28) Bromochloromethane	7.651	49	2628	1.045	ug/l	# 75
29) Tetrahydrofuran	7.692	42	11005	5.670	ug/l	87
30) Chloroform	7.816	83	5730	1.033	ug/l	87
31) Cyclohexane	8.087	56	10033	2.178	ug/l	# 76
32) 1,1,1-Trichloroethane	8.016	97	5365	1.094	ug/l	# 49
36) 1,1-Dichloropropene	8.216	75	4060	1.029	ug/l	# 67
37) Ethyl Acetate	7.410	43	7382m	1.204	ug/l	
38) Carbon Tetrachloride	8.210	117	4925	1.168	ug/l	# 68
39) Methylcyclohexane	9.457	83	4645	1.014	ug/l	# 84
40) Benzene	8.457	78	11915	0.995	ug/l	94

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	2234m	1.081	ug/l	
42) 1,2-Dichloroethane	8.534	62	5444	1.096	ug/l	84
43) Isopropyl Acetate	8.563	43	10044	1.052	ug/l	93
44) Trichloroethene	9.210	130	3178	1.140	ug/l	76
45) 1,2-Dichloropropane	9.486	63	3357	1.037	ug/l #	88
46) Dibromomethane	9.575	93	2249	0.994	ug/l #	77
47) Bromodichloromethane	9.763	83	4391	0.944	ug/l #	97
48) Methyl methacrylate	9.557	41	4693	1.039	ug/l #	79
49) 1,4-Dioxane	9.569	88	1591	19.264	ug/l #	85
51) 4-Methyl-2-Pentanone	10.328	43	30641	4.927	ug/l #	85
52) Toluene	10.504	92	8566	1.146	ug/l	87
53) t-1,3-Dichloropropene	10.716	75	4689	0.908	ug/l	92
54) cis-1,3-Dichloropropene	10.192	75	4784	0.896	ug/l #	68
55) 1,1,2-Trichloroethane	10.892	97	3005	0.931	ug/l	95
56) Ethyl methacrylate	10.757	69	4783	0.838	ug/l #	73
57) 1,3-Dichloropropane	11.045	76	6094	1.058	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.039	63	8618	3.789	ug/l	95
59) 2-Hexanone	11.086	43	20271	4.433	ug/l	86
60) Dibromochloromethane	11.239	129	3049	0.910	ug/l	90
61) 1,2-Dibromoethane	11.339	107	3413	1.032	ug/l	86
64) Tetrachloroethene	10.975	164	2501	1.100	ug/l #	83
65) Chlorobenzene	11.775	112	7402	1.029	ug/l #	83
66) 1,1,1,2-Tetrachloroethane	11.839	131	2789	0.974	ug/l #	64
67) Ethyl Benzene	11.845	91	13465	0.995	ug/l	98
68) m/p-Xylenes	11.951	106	9813	2.041	ug/l	100
69) o-Xylene	12.280	106	5084	1.052	ug/l	99
70) Styrene	12.292	104	7108	0.936	ug/l	94
71) Bromoform	12.457	173	1650	0.820	ug/l #	97
73) Isopropylbenzene	12.574	105	11418	0.999	ug/l	100
74) N-amyl acetate	12.392	43	5402	1.017	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.827	83	4497	1.133	ug/l	97
76) 1,2,3-Trichloropropane	12.880	75	3014m	0.876	ug/l	
77) Bromobenzene	12.857	156	2749	1.220	ug/l	65
78) n-propylbenzene	12.916	91	12400	0.994	ug/l	97
79) 2-Chlorotoluene	13.004	91	8688	1.110	ug/l	88
80) 1,3,5-Trimethylbenzene	13.057	105	9338	1.031	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.622	75	1219m	0.927	ug/l	
82) 4-Chlorotoluene	13.104	91	7328	1.013	ug/l	95
83) tert-Butylbenzene	13.321	119	7967	1.002	ug/l	82
84) 1,2,4-Trimethylbenzene	13.369	105	8287	0.956	ug/l	98
85) sec-Butylbenzene	13.498	105	10310	0.961	ug/l	99
86) p-Isopropyltoluene	13.616	119	7744	0.917	ug/l	95
87) 1,3-Dichlorobenzene	13.610	146	4195	1.096	ug/l	91
88) 1,4-Dichlorobenzene	13.698	146	4258m	1.136	ug/l	
89) n-Butylbenzene	13.939	91	6913	0.972	ug/l	89
90) Hexachloroethane	14.204	117	1835	1.004	ug/l	55
91) 1,2-Dichlorobenzene	13.980	146	3943	1.051	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.604	75	694	0.724	ug/l	86
93) 1,2,4-Trichlorobenzene	15.263	180	1715	0.950	ug/l	98
94) Hexachlorobutadiene	15.368	225	730	0.903	ug/l	82
95) Naphthalene	15.510	128	7026	1.003	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.704	180	1672	0.930	ug/l	76

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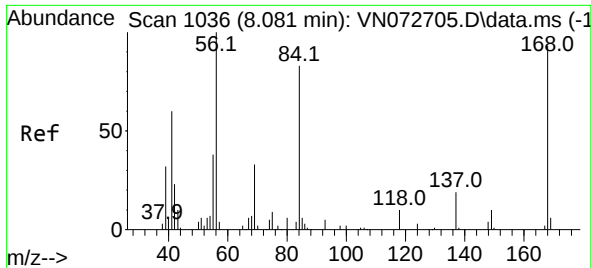
Manual Integrations
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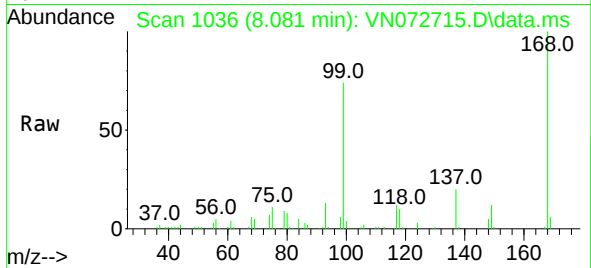
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09

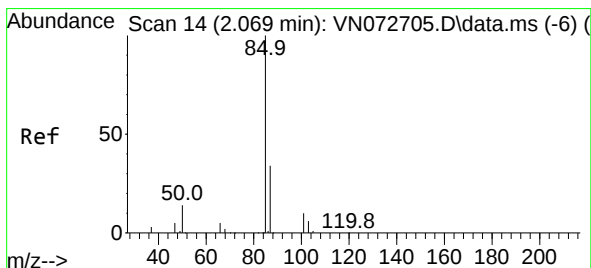
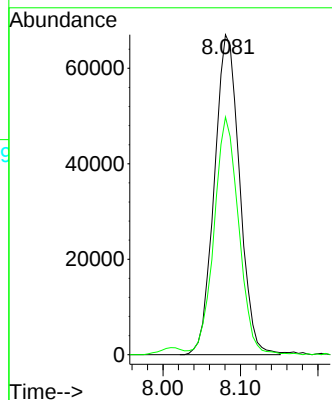
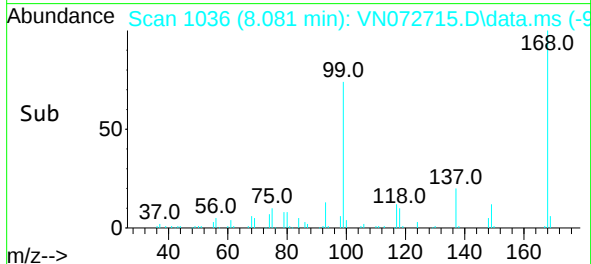
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2022



Tgt Ion:168 Resp: 15183
Ion Ratio Lower Upper
168 100
99 73.9 42.3 63.5

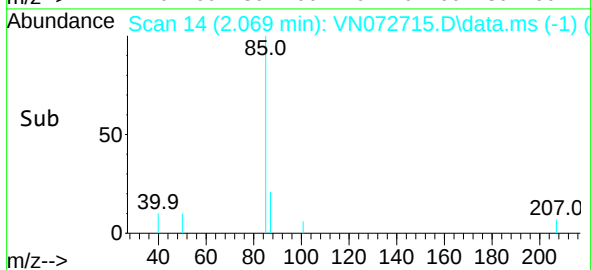
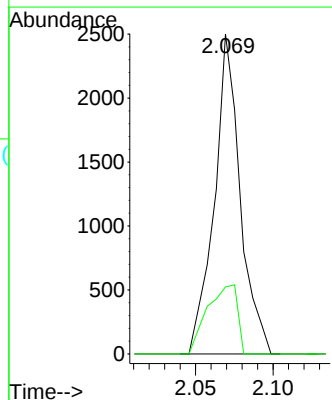
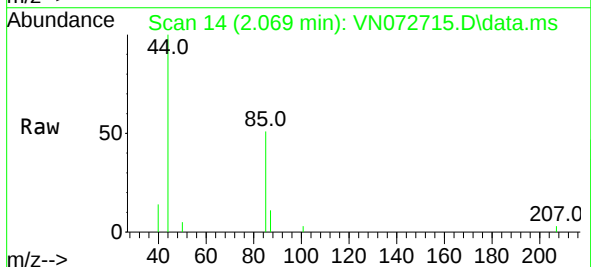
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#2
Dichlorodifluoromethane
Concen: 1.175 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09

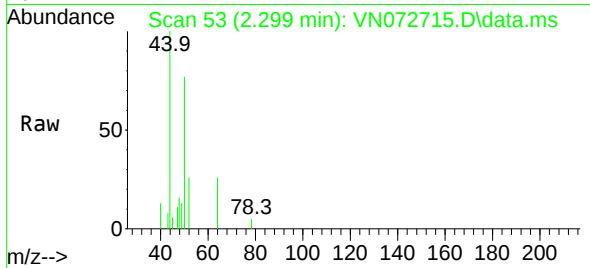
Tgt Ion: 85 Resp: 2893
Ion Ratio Lower Upper
85 100
87 21.0 15.7 47.1





#3
Chloromethane
Concen: 1.347 ug/l
RT: 2.299 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09

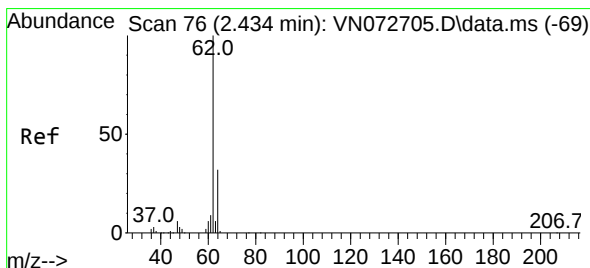
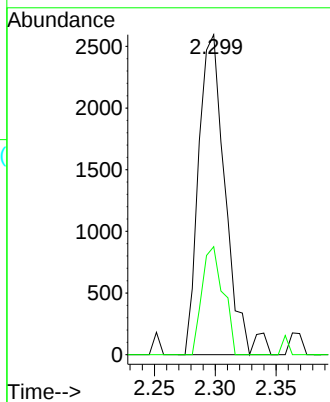
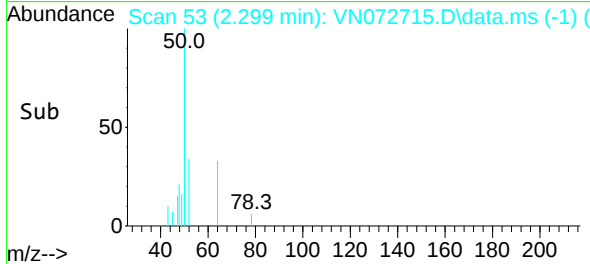
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Tgt Ion: 50 Resp: 3952
Ion Ratio Lower Upper
50 100
52 33.8 25.7 38.5

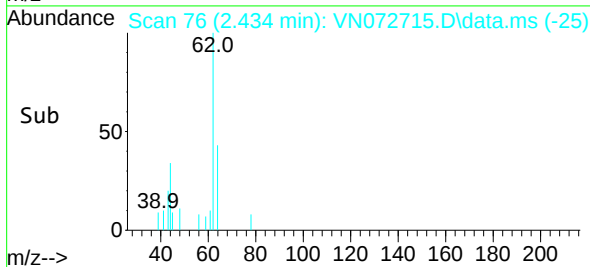
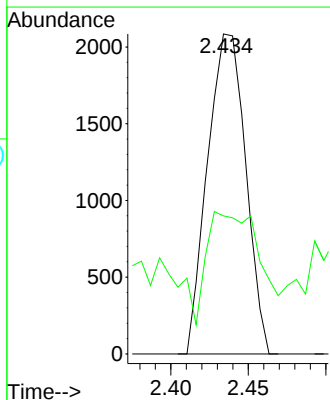
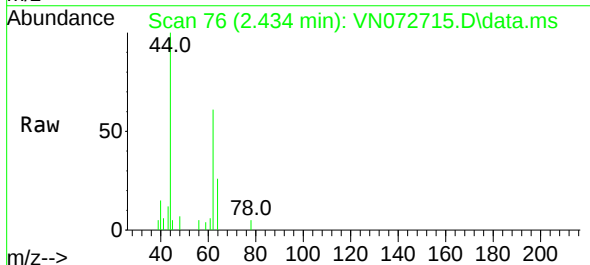
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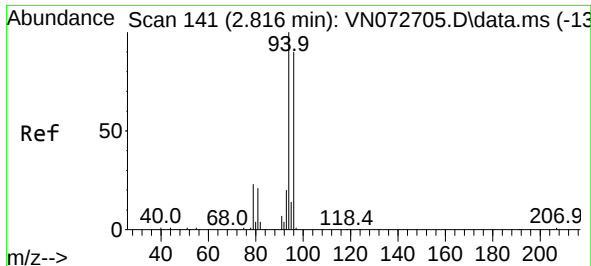
Reviewed By :John Carlone 06/09/2022
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#4
Vinyl Chloride
Concen: 1.323 ug/l
RT: 2.434 min Scan# 76
Delta R.T. -0.000 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09

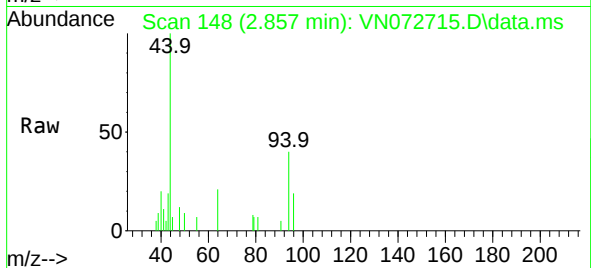
Tgt Ion: 62 Resp: 3568
Ion Ratio Lower Upper
62 100
64 24.9 25.0 37.4#





#5
Bromomethane
Concen: 2.095 ug/l
RT: 2.857 min Scan# 141
Delta R.T. 0.041 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09

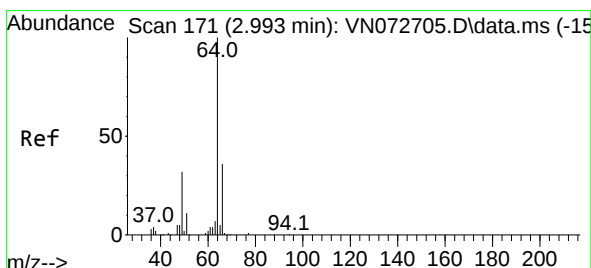
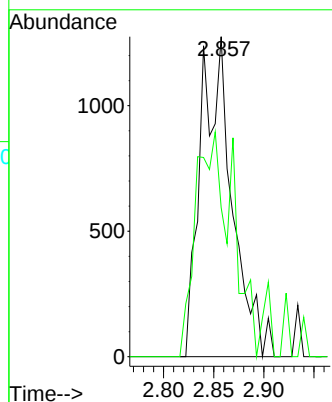
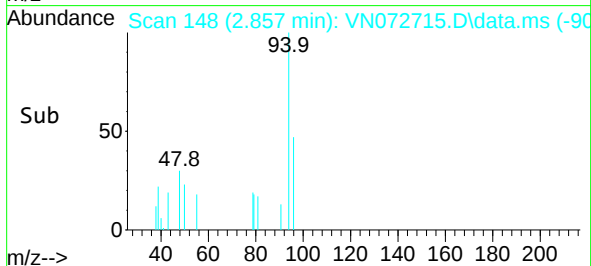
Instrument :
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Tgt Ion: 94 Resp: 2773
Ion Ratio Lower Upper
94 100
96 46.6 76.0 114.0

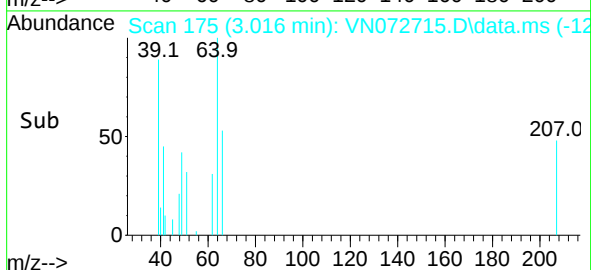
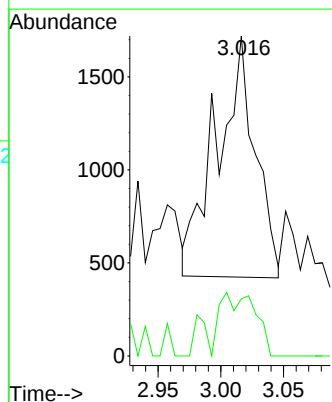
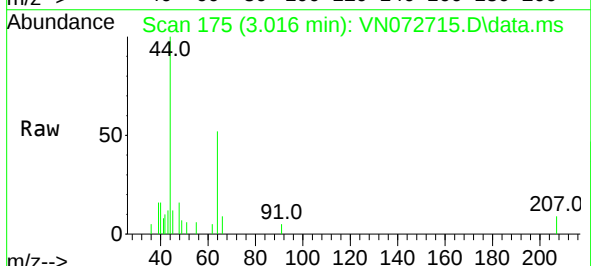
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#6
Chloroethane
Concen: 1.455 ug/l m
RT: 3.016 min Scan# 175
Delta R.T. 0.023 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09

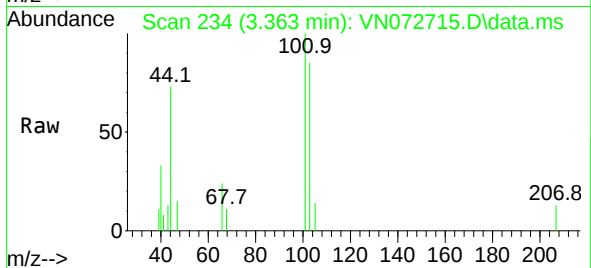
Tgt Ion: 64 Resp: 2764
Ion Ratio Lower Upper
64 100
66 17.8 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 1.135 ug/l
 RT: 3.363 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN072715.D
 Acq: 08 Jun 2022 23:09

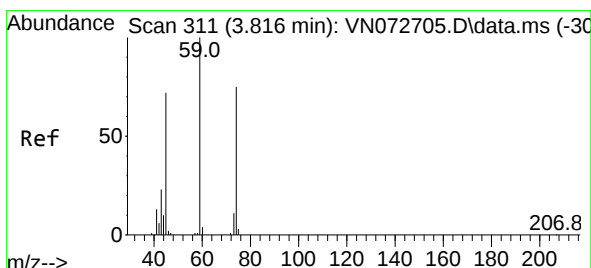
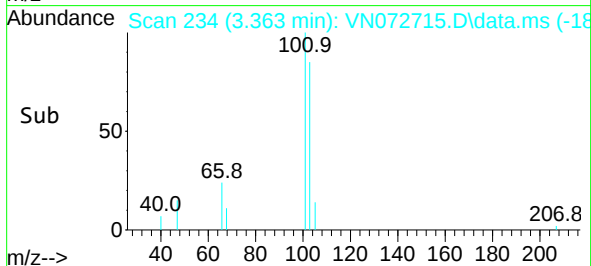
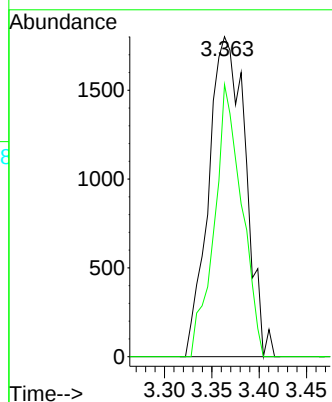
Instrument :
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Tgt Ion:101 Resp: 4874
 Ion Ratio Lower Upper
 101 100
 103 85.1 51.5 77.3

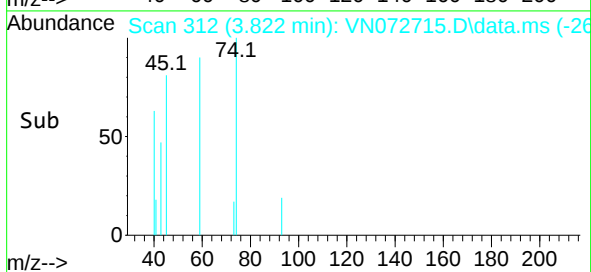
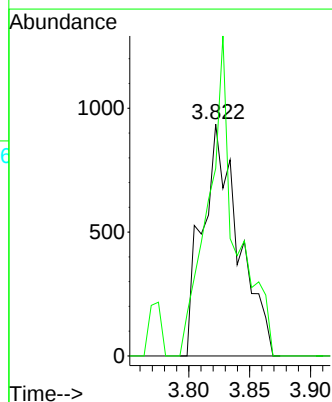
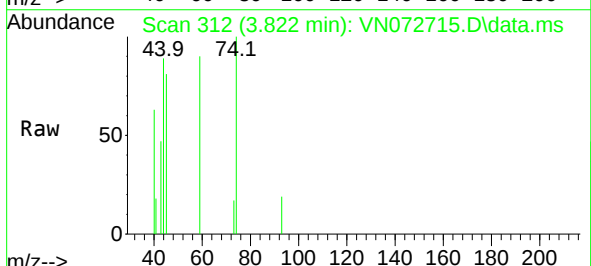
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#8
 Diethyl Ether
 Concen: 1.108 ug/l
 RT: 3.822 min Scan# 312
 Delta R.T. 0.006 min
 Lab File: VN072715.D
 Acq: 08 Jun 2022 23:09

Tgt Ion: 74 Resp: 1934
 Ion Ratio Lower Upper
 74 100
 45 105.6 42.9 128.5





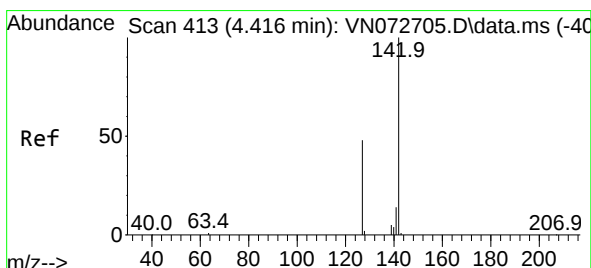
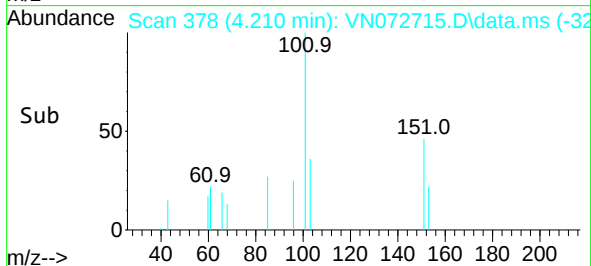
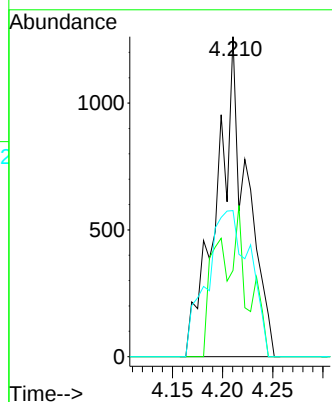
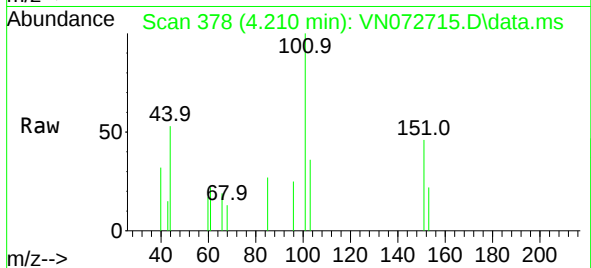
#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.121 ug/l
RT: 4.210 min Scan# 31
Delta R.T. 0.011 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09

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ClientSampleId :
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Tgt Ion:101 Resp: 263
Ion Ratio Lower Upper
101 100
85 21.3 34.7 52.1
151 65.2 63.0 94.4

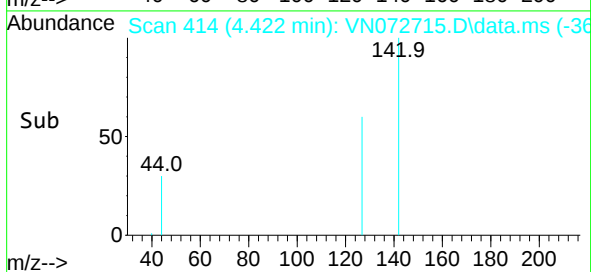
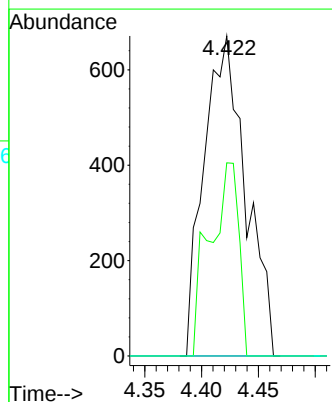
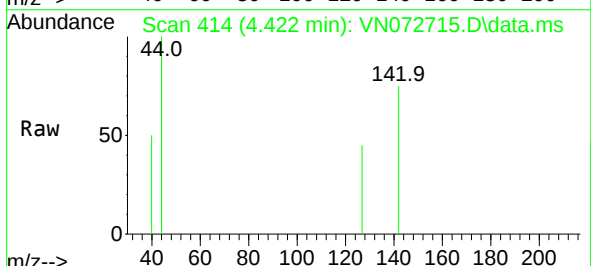
Manual Integrations
APPROVED

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



#10
Methyl Iodide
Concen: 0.784 ug/l
RT: 4.422 min Scan# 414
Delta R.T. 0.006 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09

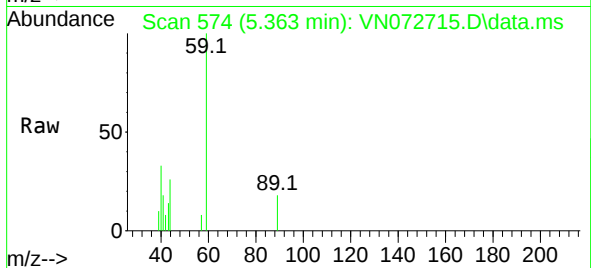
Tgt Ion:142 Resp: 1719
Ion Ratio Lower Upper
142 100
127 41.9 31.3 46.9
141 0.0 11.2 16.8#





#11
Tert butyl alcohol
Concen: 9.965 ug/l m
RT: 5.363 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09

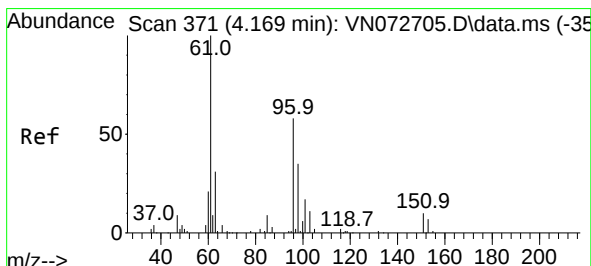
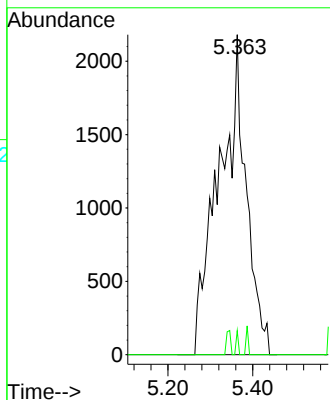
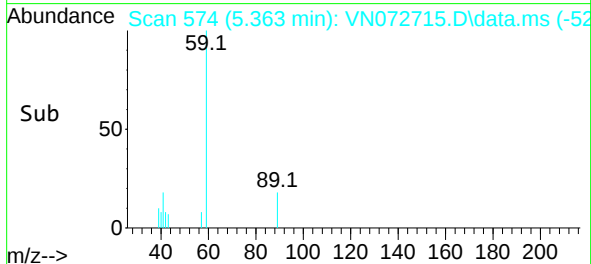
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 59 Resp: 968
Ion Ratio Lower Upper
59 100
57 0.6 8.3 12.5

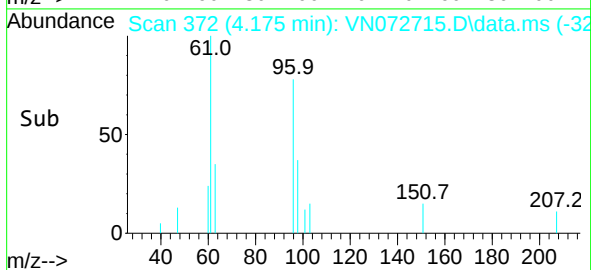
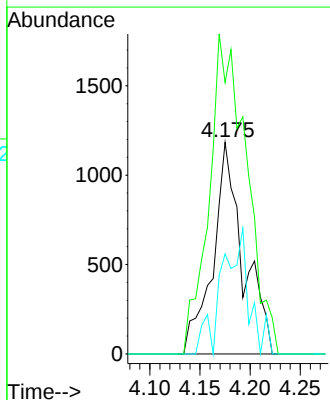
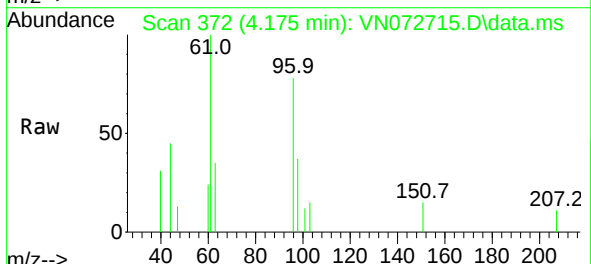
Manual Integrations
APPROVED

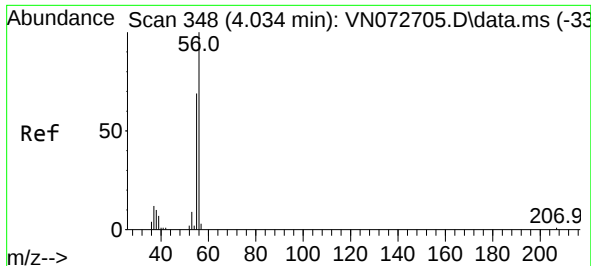
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#12
1,1-Dichloroethene
Concen: 1.135 ug/l
RT: 4.175 min Scan# 372
Delta R.T. 0.006 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09

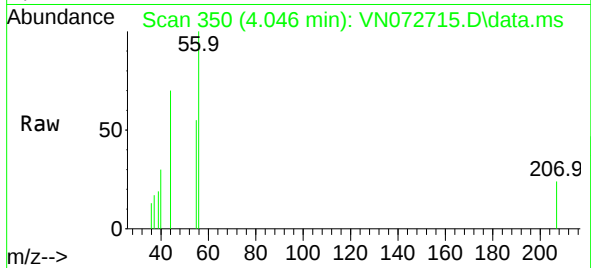
Tgt Ion: 96 Resp: 2486
Ion Ratio Lower Upper
96 100
61 128.3 127.6 191.4
98 47.2 51.2 76.8





#13
Acrolein
Concen: 6.264 ug/l
RT: 4.046 min Scan# 348
Delta R.T. 0.012 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09

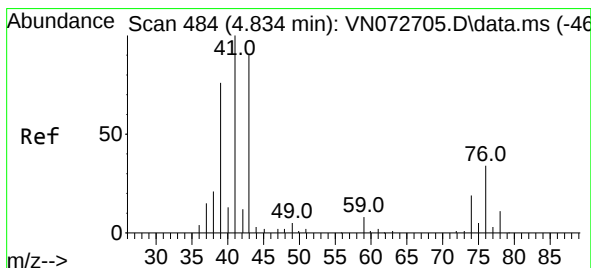
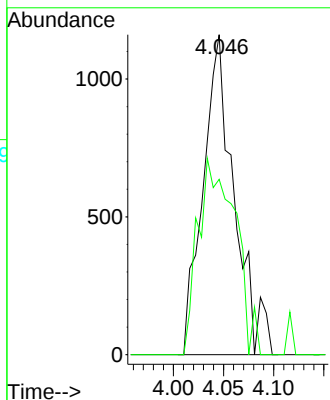
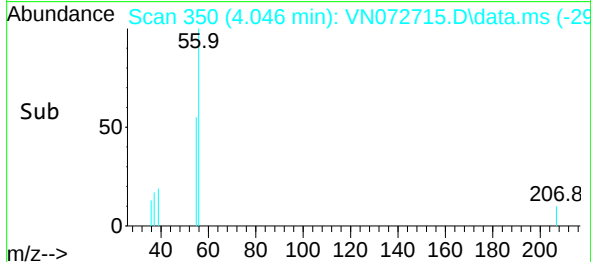
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 56 Resp: 251
Ion Ratio Lower Upper
56 100
55 73.2 54.8 82.2

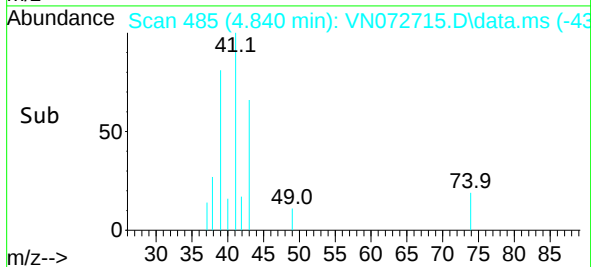
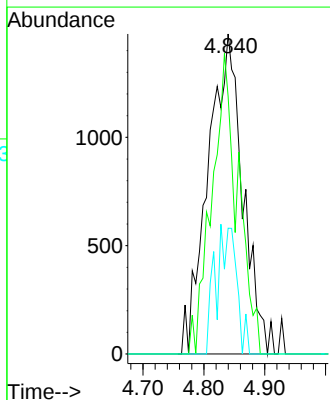
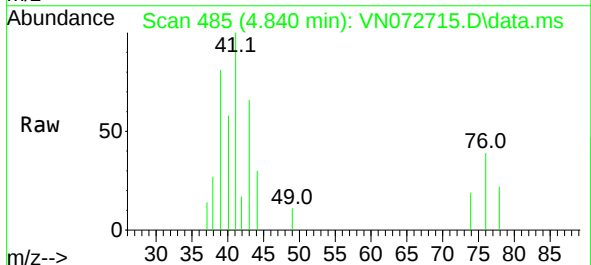
Manual Integrations
APPROVED

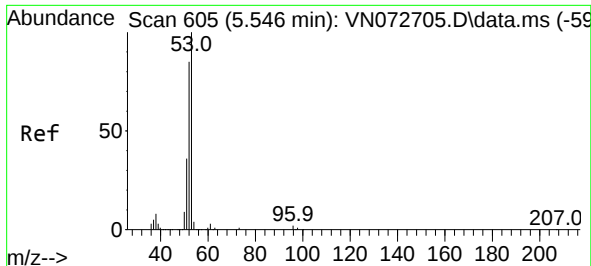
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#14
Allyl chloride
Concen: 1.158 ug/l
RT: 4.840 min Scan# 485
Delta R.T. 0.006 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09

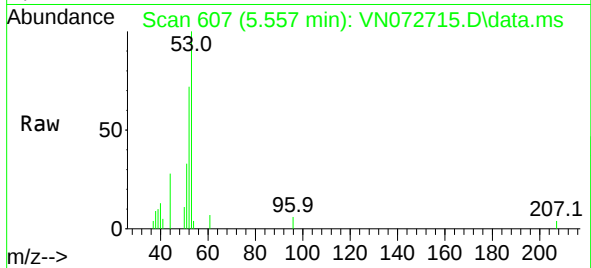
Tgt Ion: 41 Resp: 5859
Ion Ratio Lower Upper
41 100
39 54.2 53.2 79.8
76 18.3 29.9 44.9#





#15
Acrylonitrile
Concen: 5.596 ug/l
RT: 5.557 min Scan# 605
Delta R.T. 0.011 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09

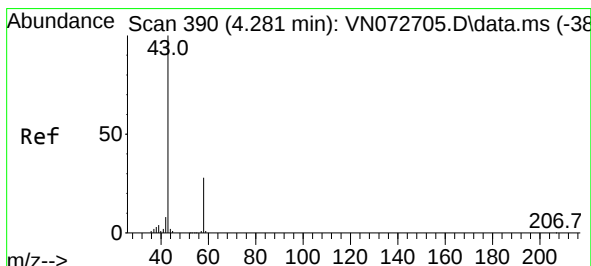
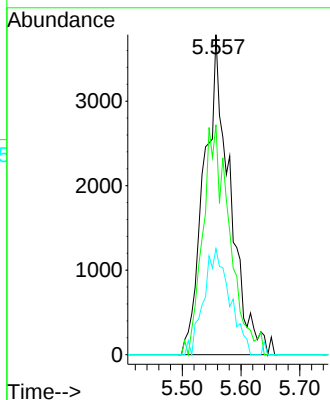
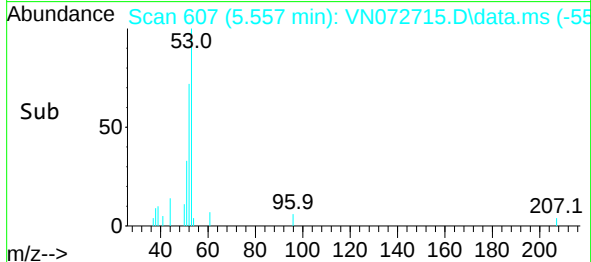
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 53 Resp: 11529
Ion Ratio Lower Upper
53 100
52 74.6 66.4 99.6
51 33.5 28.5 42.7

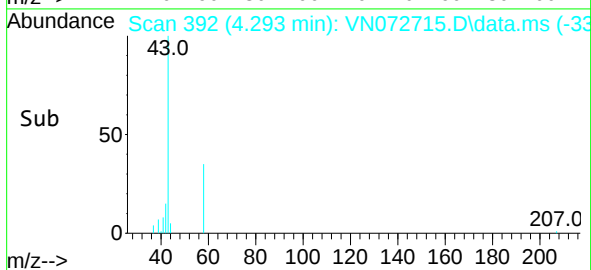
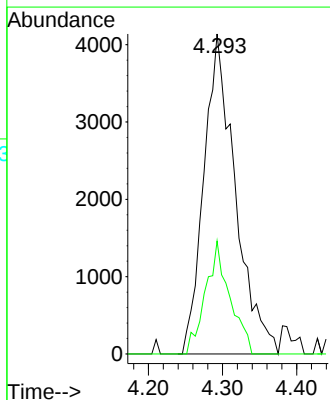
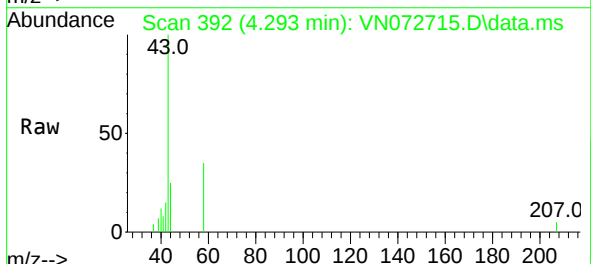
Manual Integrations
APPROVED

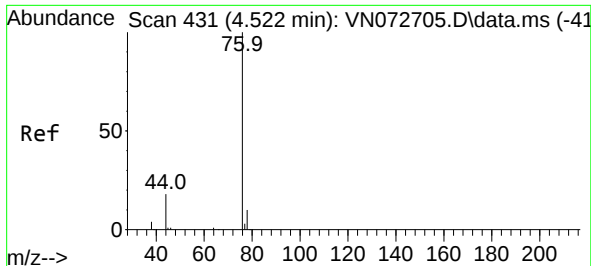
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#16
Acetone
Concen: 6.248 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.012 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09

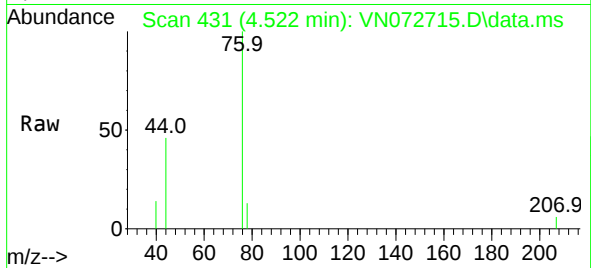
Tgt Ion: 43 Resp: 12200
Ion Ratio Lower Upper
43 100
58 35.3 26.0 39.0





#17
Carbon Disulfide
Concen: 1.339 ug/l
RT: 4.522 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09

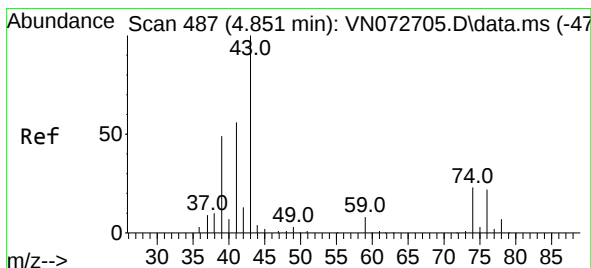
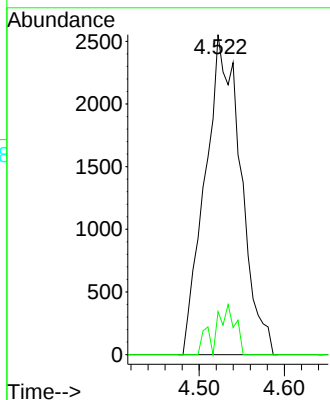
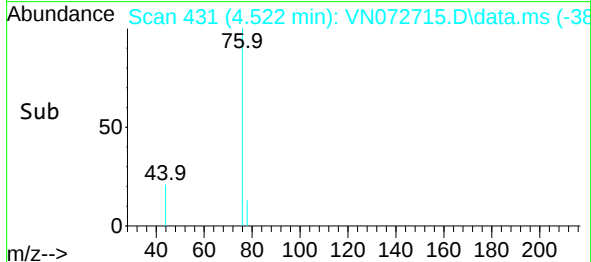
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



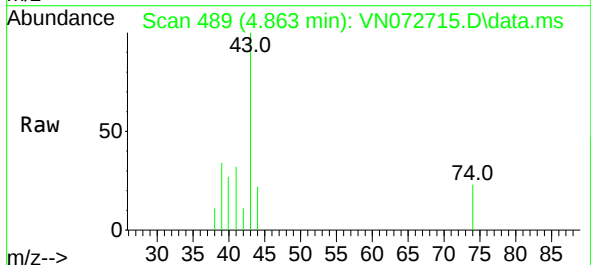
Tgt Ion: 76 Resp: 7400
Ion Ratio Lower Upper
76 100
78 13.4 7.2 10.8

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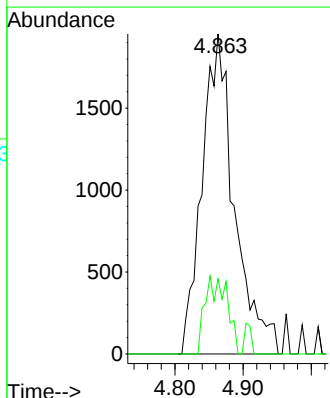
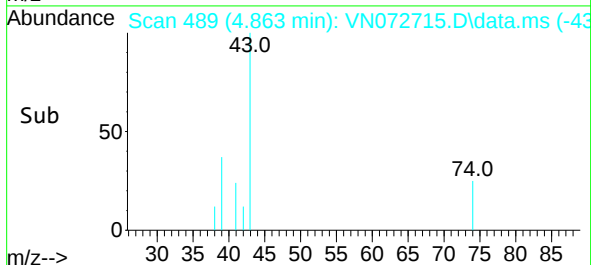
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

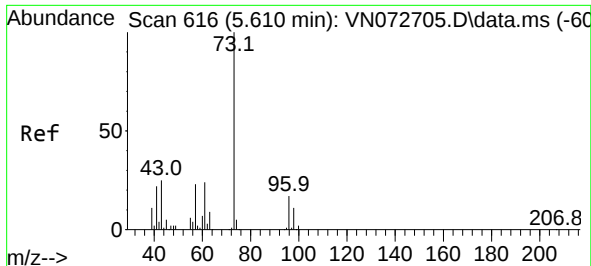


#18
Methyl Acetate
Concen: 1.270 ug/l
RT: 4.863 min Scan# 489
Delta R.T. 0.012 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09



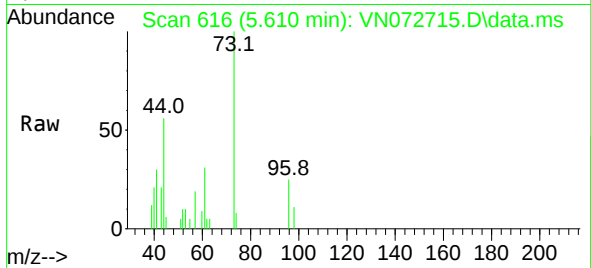
Tgt Ion: 43 Resp: 6453
Ion Ratio Lower Upper
43 100
74 7.6 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 1.102 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09

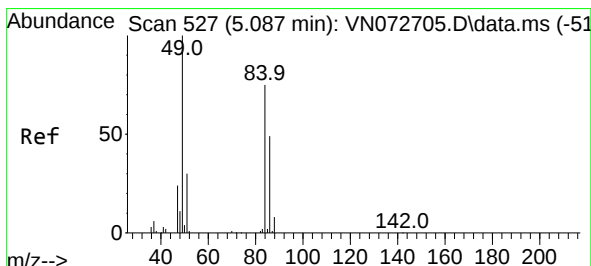
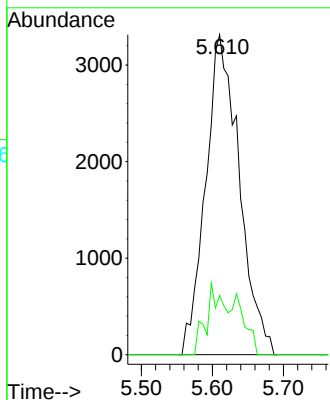
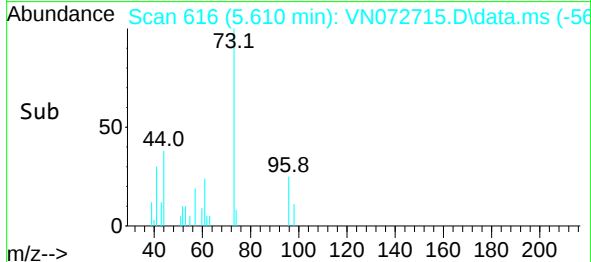
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 73 Resp: 10919
Ion Ratio Lower Upper
73 100
57 18.5 17.6 26.4

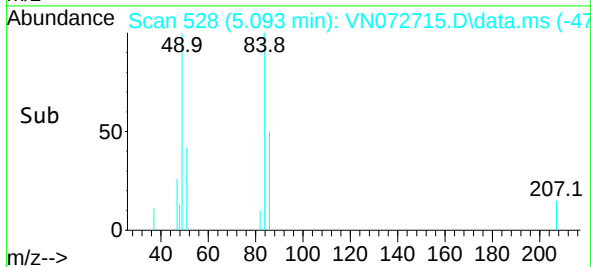
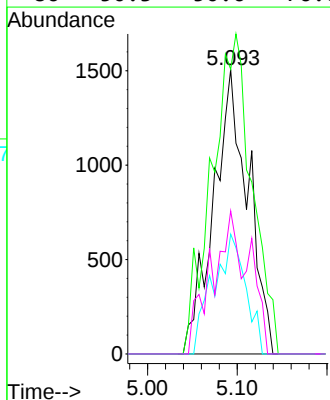
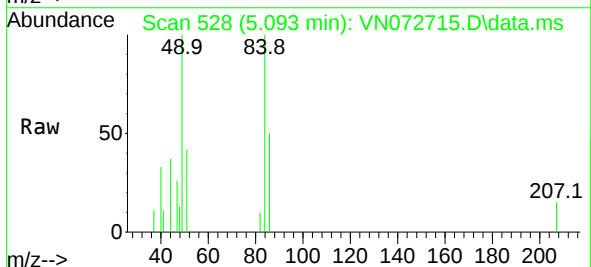
Manual Integrations
APPROVED

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



#20
Methylene Chloride
Concen: 1.312 ug/l
RT: 5.093 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09

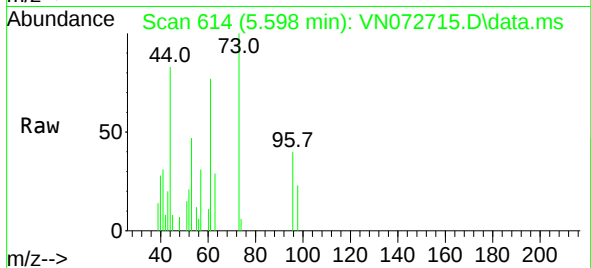
Tgt Ion: 84 Resp: 4043
Ion Ratio Lower Upper
84 100
49 100.1 88.3 132.5
51 42.1 28.2 42.2
86 50.3 50.6 76.0#





#21
trans-1,2-Dichloroethene
Concen: 1.157 ug/l m
RT: 5.598 min Scan# 612
Delta R.T. 0.011 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09

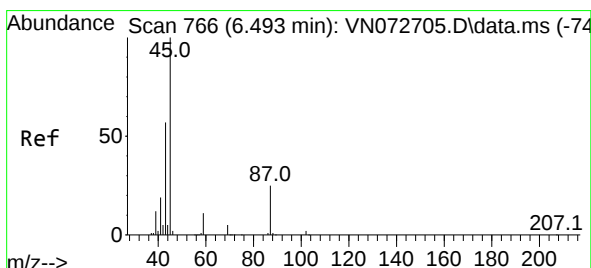
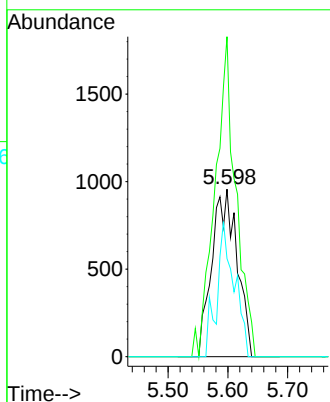
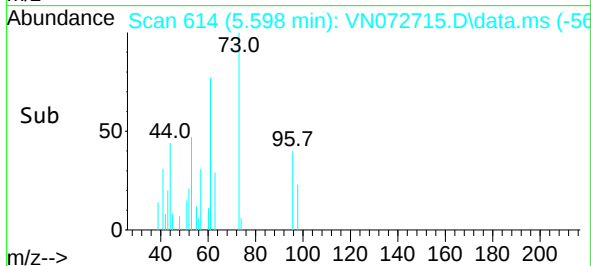
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2022



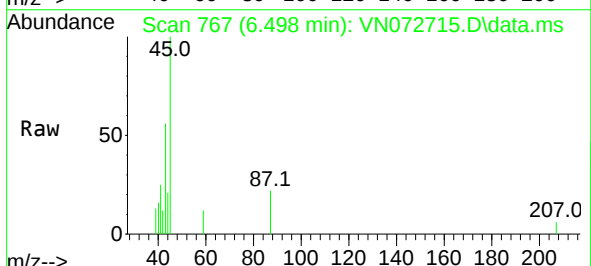
Tgt Ion: 96 Resp: 2790
Ion Ratio Lower Upper
96 100
61 191.0 105.8 158.8
98 58.5 50.3 75.5

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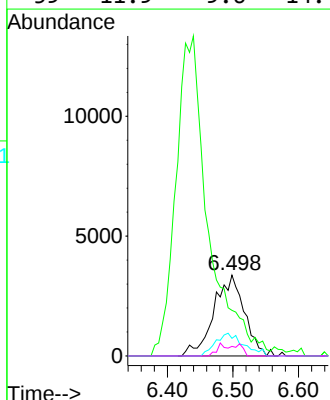
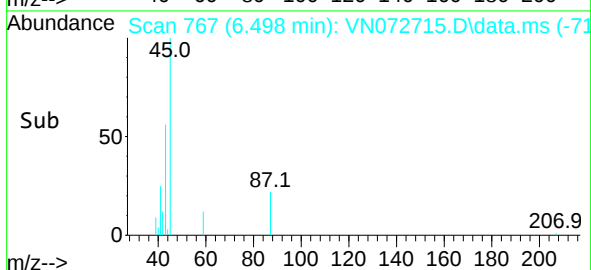
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

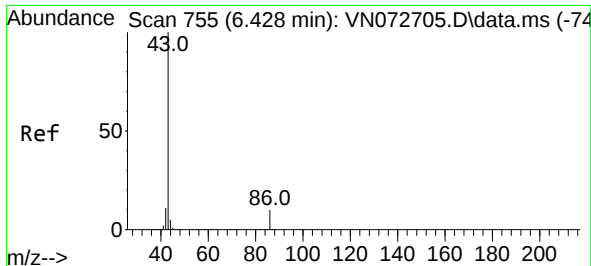


#22
Diisopropyl ether
Concen: 1.065 ug/l
RT: 6.498 min Scan# 767
Delta R.T. 0.005 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09



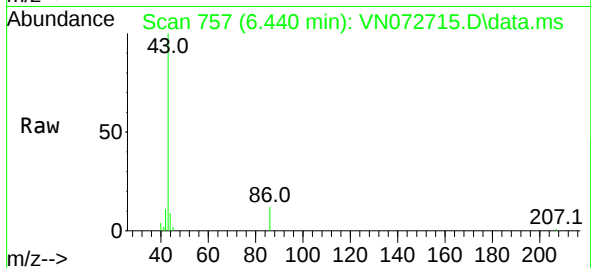
Tgt Ion: 45 Resp: 10923
Ion Ratio Lower Upper
45 100
43 48.3 46.6 70.0
87 21.8 24.3 36.5
59 11.9 9.6 14.4





#23
 Vinyl Acetate
 Concen: 4.887 ug/l
 RT: 6.440 min Scan# 757
 Delta R.T. 0.012 min
 Lab File: VN072715.D
 Acq: 08 Jun 2022 23:09

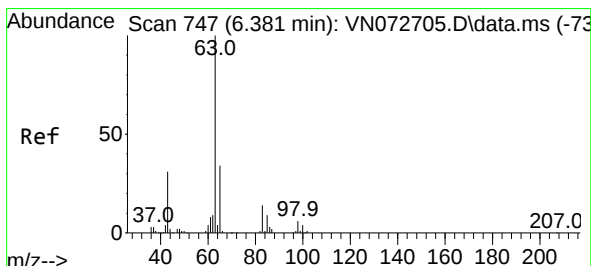
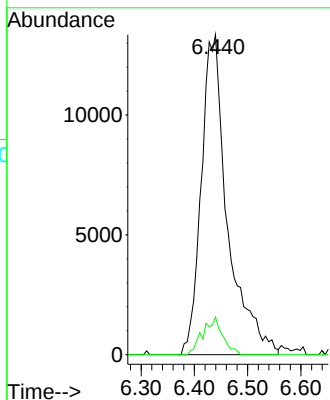
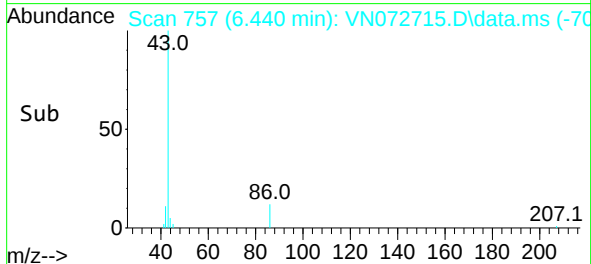
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2022



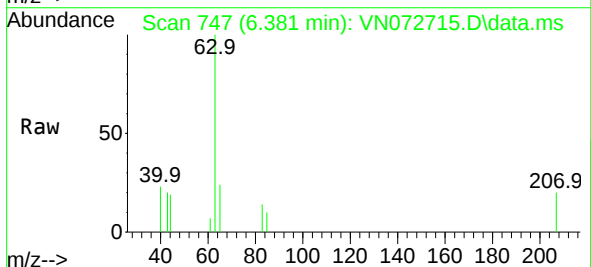
Tgt Ion: 43 Resp: 45864
 Ion Ratio Lower Upper
 43 100
 86 11.8 10.0 15.0

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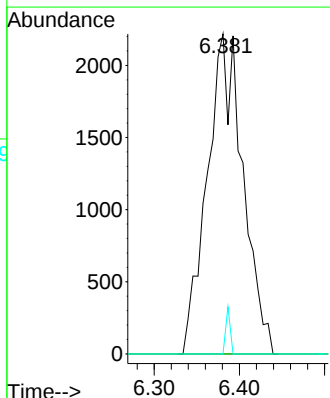
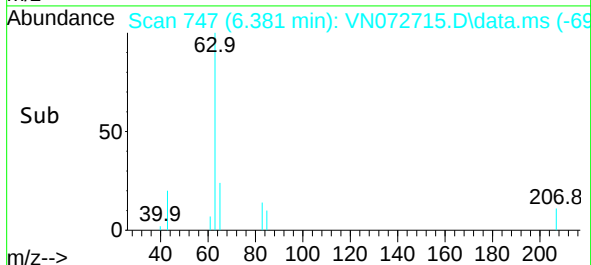
Reviewed By :John Carlone 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022

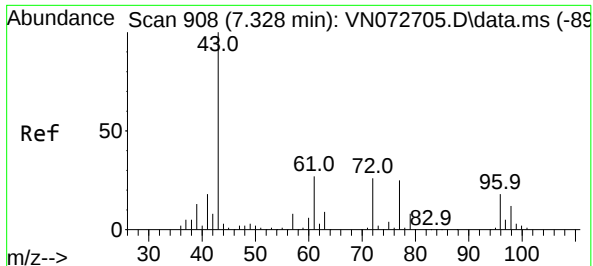


#24
 1,1-Dichloroethane
 Concen: 1.215 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. -0.000 min
 Lab File: VN072715.D
 Acq: 08 Jun 2022 23:09



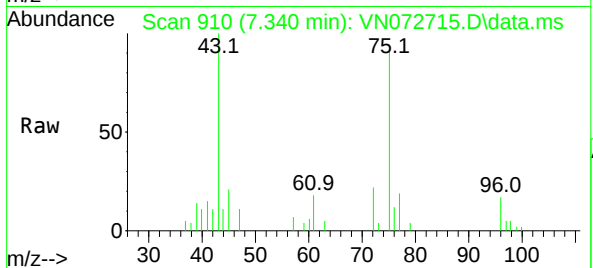
Tgt Ion: 63 Resp: 6470
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.5 10.4#
 100 0.0 2.3 6.8#





#25
2-Butanone
Concen: 5.873 ug/l
RT: 7.340 min Scan# 910
Delta R.T. 0.012 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09

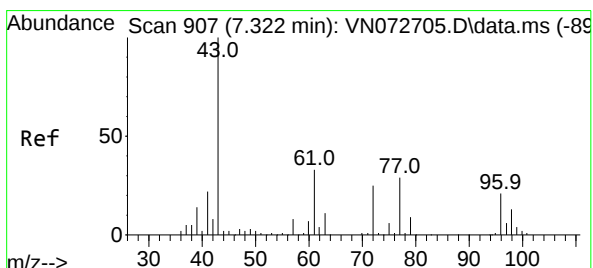
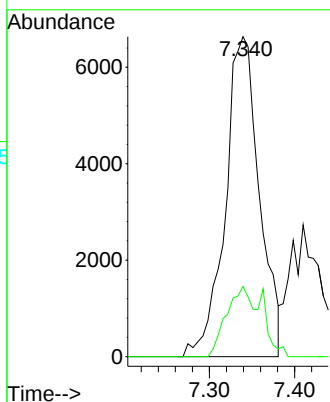
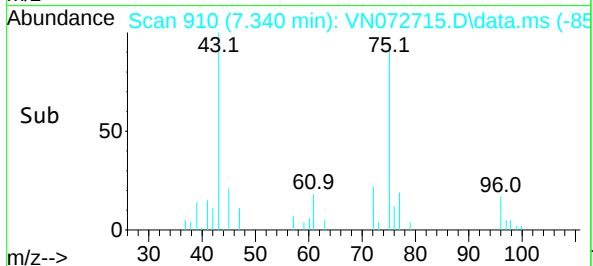
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 43 Resp: 1844
Ion Ratio Lower Upper
43 100
72 21.9 23.7 35.5

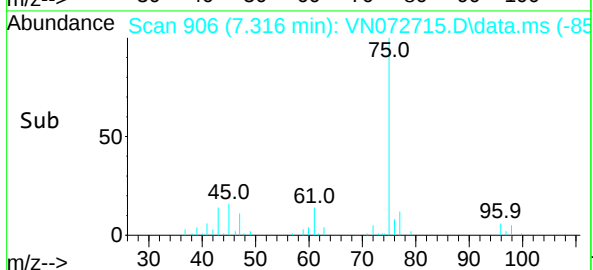
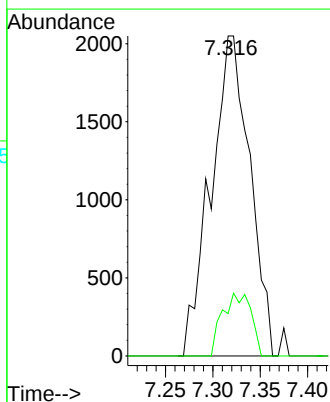
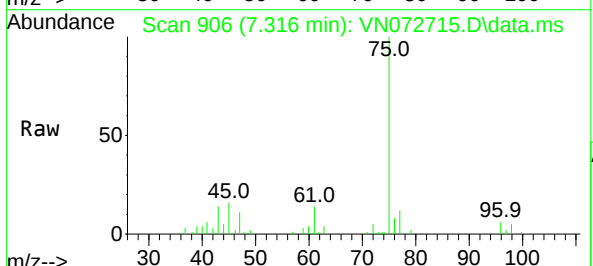
Manual Integrations
APPROVED

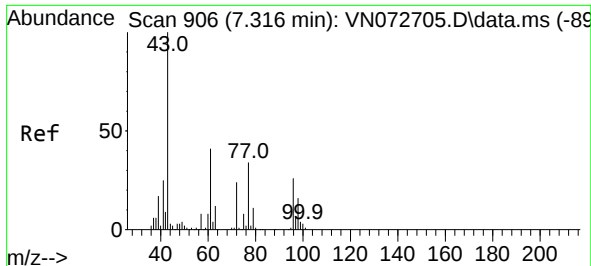
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#26
2,2-Dichloropropane
Concen: 1.218 ug/l
RT: 7.316 min Scan# 906
Delta R.T. -0.006 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09

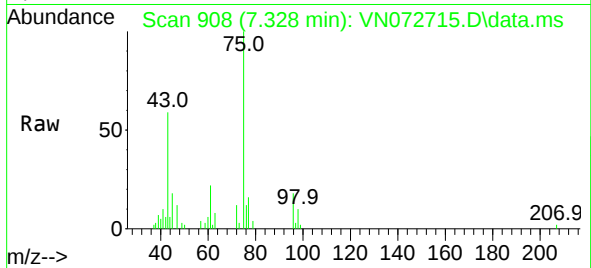
Tgt Ion: 77 Resp: 5865
Ion Ratio Lower Upper
77 100
97 14.4 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 1.234 ug/l
 RT: 7.328 min Scan# 906
 Delta R.T. 0.012 min
 Lab File: VN072715.D
 Acq: 08 Jun 2022 23:09

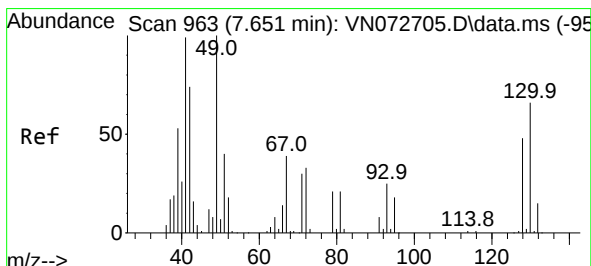
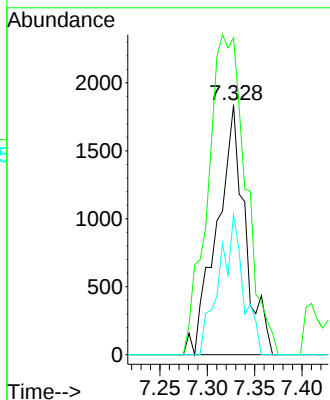
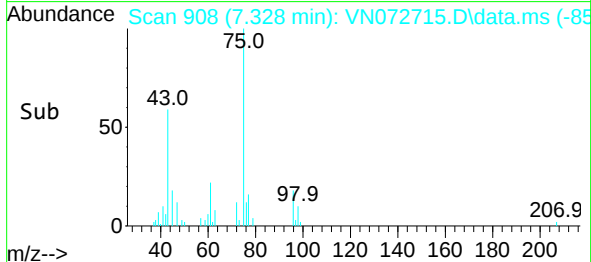
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2022



Tgt Ion: 96 Resp: 3780
 Ion Ratio Lower Upper
 96 100
 61 174.2 0.0 280.6
 98 48.3 0.0 128.4

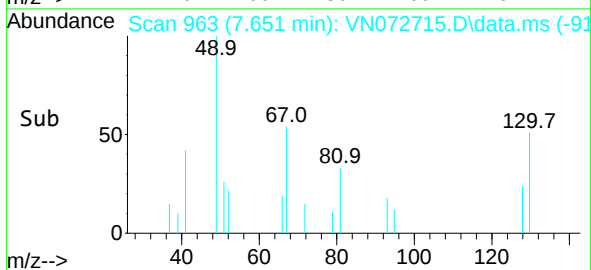
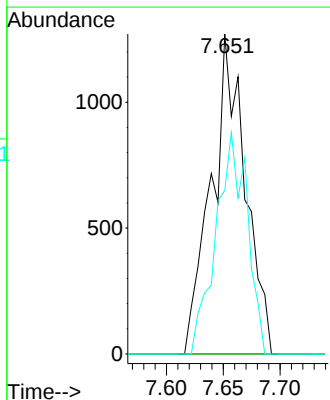
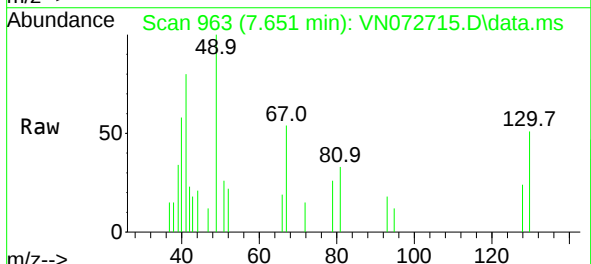
Manual Integrations
 APPROVED

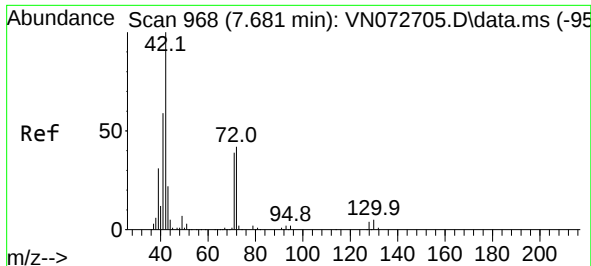
Reviewed By :John Carlone 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022



#28
 Bromochloromethane
 Concen: 1.045 ug/l
 RT: 7.651 min Scan# 963
 Delta R.T. 0.000 min
 Lab File: VN072715.D
 Acq: 08 Jun 2022 23:09

Tgt Ion: 49 Resp: 2628
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.6
 130 63.9 69.7 104.5#





#29

Tetrahydrofuran

Concen: 5.670 ug/l

RT: 7.692 min Scan# 91

Delta R.T. 0.011 min

Lab File: VN072715.D

Acq: 08 Jun 2022 23:09

Instrument :

MSVOA_N

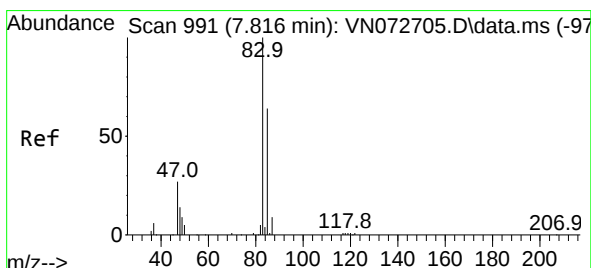
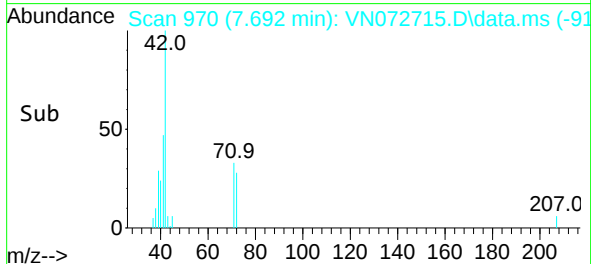
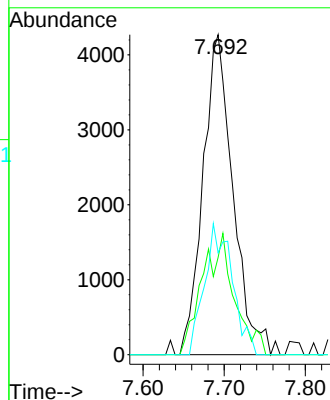
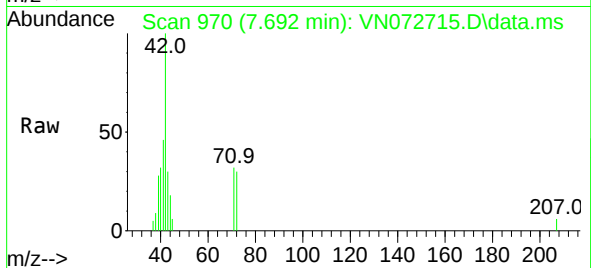
ClientSampleId :

LOQ-WATER-02-QT2-2022

Tgt Ion:	42	Resp:	1100
Ion Ratio	Lower	Upper	
42	100		
72	40.6	39.7	59.5
71	37.8	36.6	55.0

Manual Integrations
APPROVED

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



#30

Chloroform

Concen: 1.033 ug/l

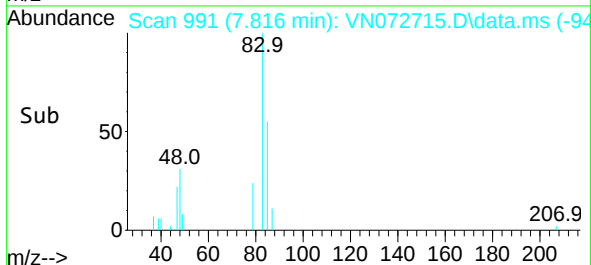
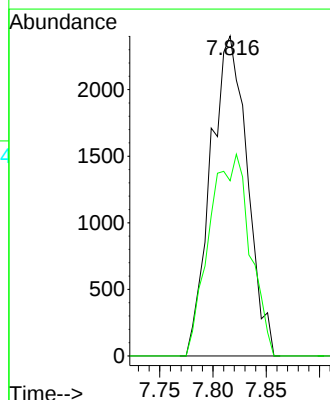
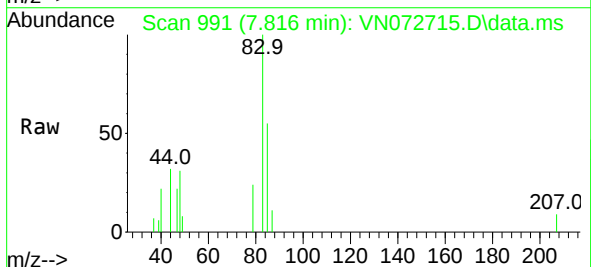
RT: 7.816 min Scan# 991

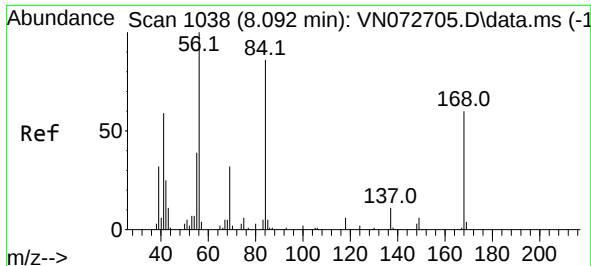
Delta R.T. -0.000 min

Lab File: VN072715.D

Acq: 08 Jun 2022 23:09

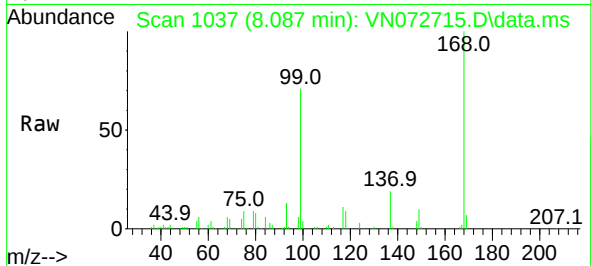
Tgt Ion:	83	Resp:	5730
Ion Ratio	Lower	Upper	
83	100		
85	54.8	51.8	77.8





#31
Cyclohexane
Concen: 2.178 ug/l
RT: 8.087 min Scan# 1037
Delta R.T. -0.005 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09

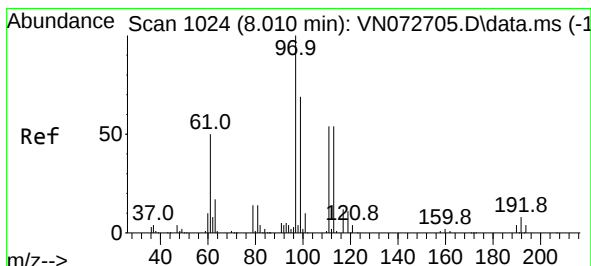
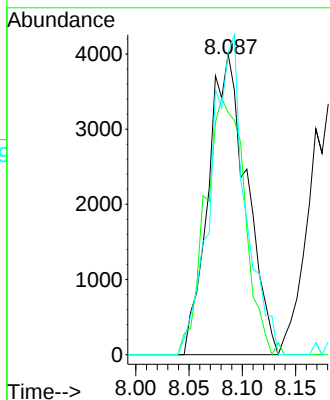
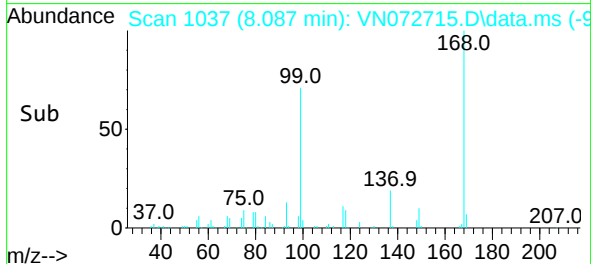
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



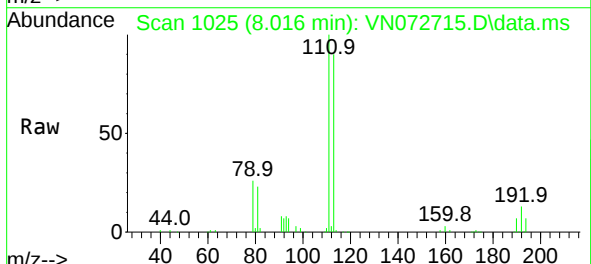
Tgt Ion: 56 Resp: 1003
Ion Ratio Lower Upper
56 100
69 80.6 27.8 41.8
84 100.3 76.9 115.3

Manual Integrations
APPROVED

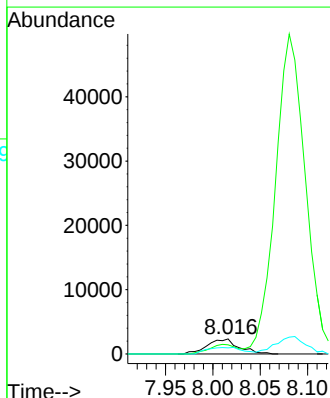
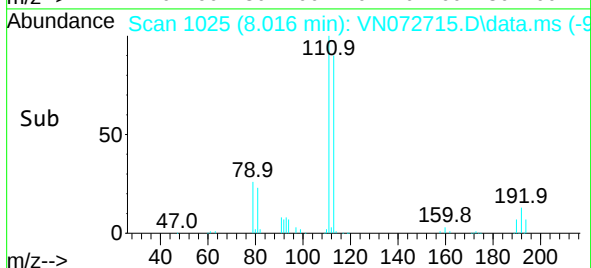
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

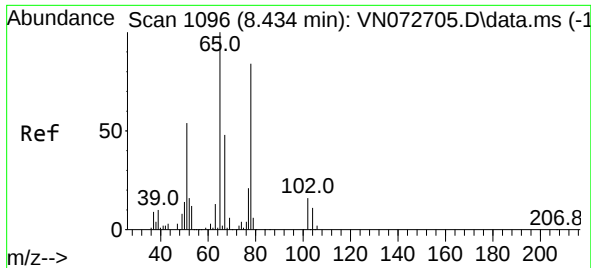


#32
1,1,1-Trichloroethane
Concen: 1.094 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.006 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09



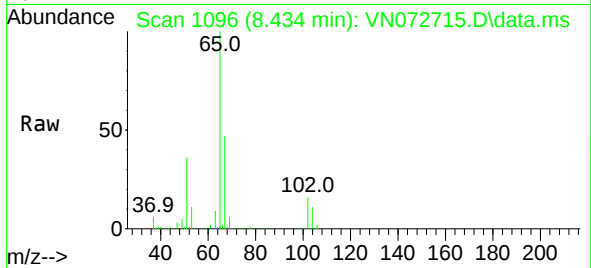
Tgt Ion: 97 Resp: 5365
Ion Ratio Lower Upper
97 100
99 0.0 50.6 76.0
61 49.9 36.0 54.0





#33
1,2-Dichloroethane-d4
Concen: 55.445 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09

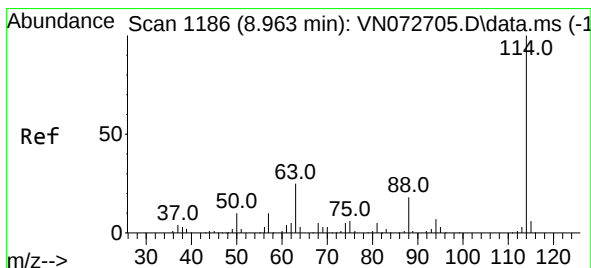
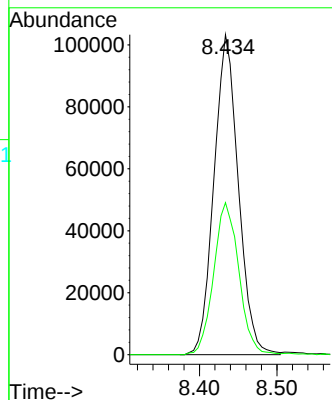
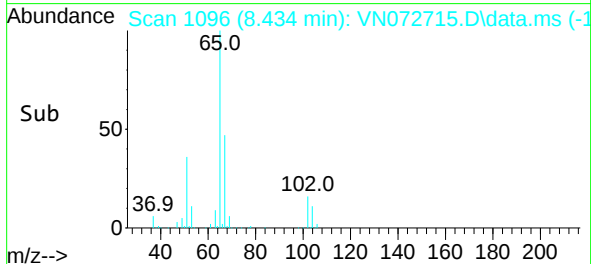
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2022



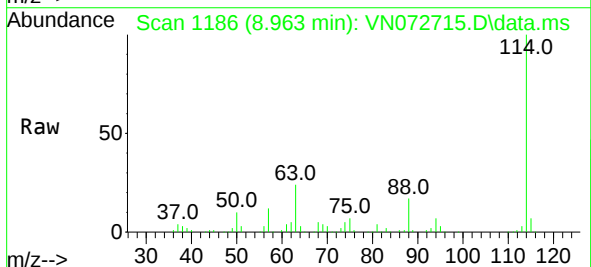
Tgt Ion: 65 Resp: 225945
Ion Ratio Lower Upper
65 100
67 48.9 0.0 104.8

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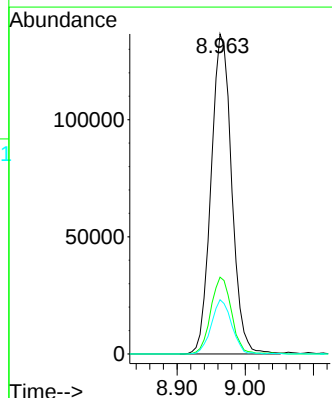
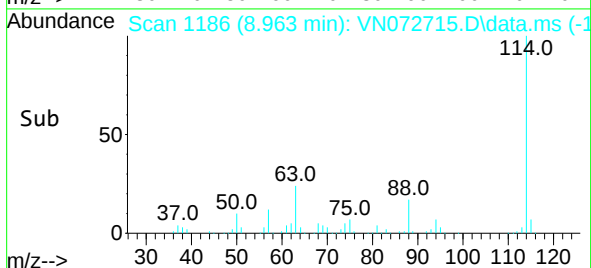
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09



Tgt Ion:114 Resp: 287357
Ion Ratio Lower Upper
114 100
63 24.0 0.0 40.0
88 17.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.532 ug/l

RT: 8.022 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN072715.D

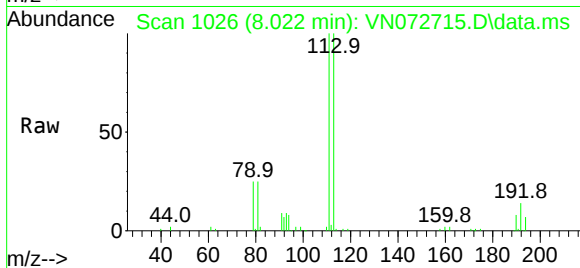
Acq: 08 Jun 2022 23:09

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2022



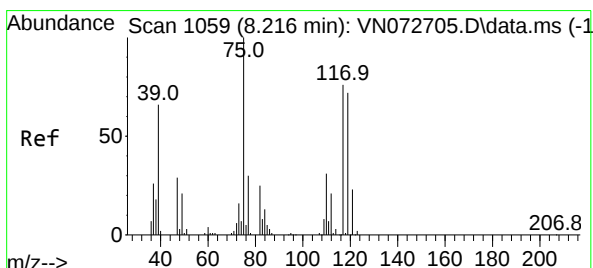
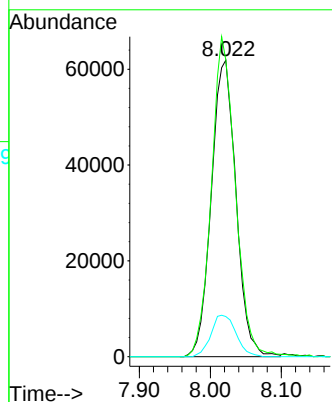
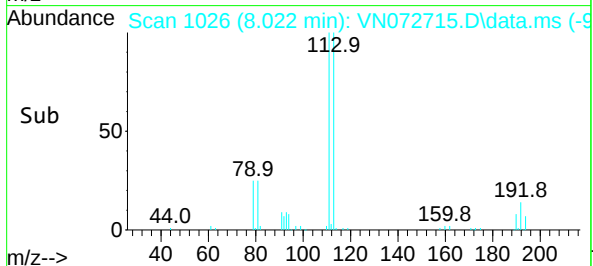
Tgt Ion:	113	Resp:	14936
Ion Ratio	Lower	Upper	
113	100		
111	105.1	81.4	122.0
192	14.2	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#36

1,1-Dichloropropene

Concen: 1.029 ug/l

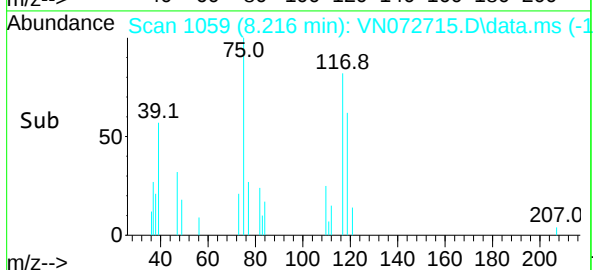
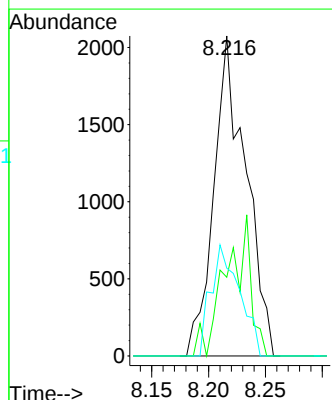
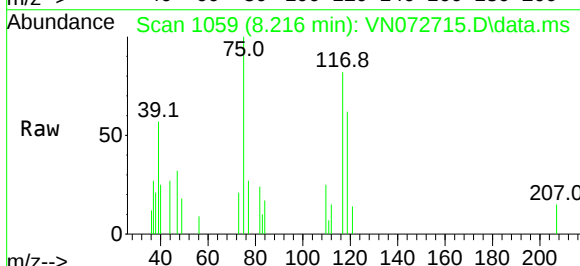
RT: 8.216 min Scan# 1059

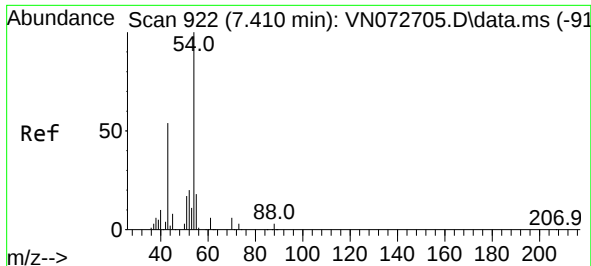
Delta R.T. -0.000 min

Lab File: VN072715.D

Acq: 08 Jun 2022 23:09

Tgt Ion:	75	Resp:	4060
Ion Ratio	Lower	Upper	
75	100		
110	0.0	18.3	54.8
77	31.1	25.1	37.7





#37

Ethyl Acetate

Concen: 1.204 ug/l m

RT: 7.410 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN072715.D

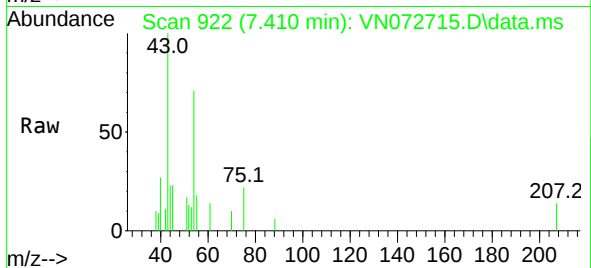
Acq: 08 Jun 2022 23:09

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2022



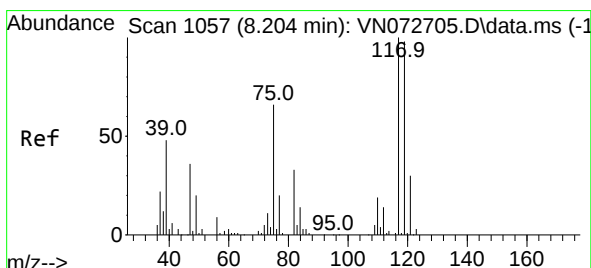
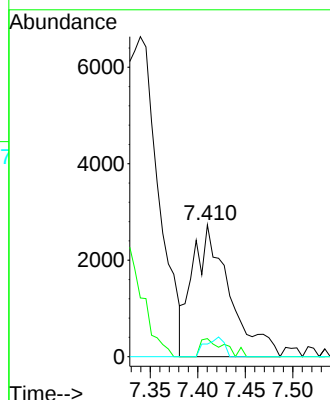
Tgt Ion:	43	Resp:	738
Ion Ratio	Lower	Upper	
43	100		
61	8.8	11.8	17.6
70	7.4	9.3	13.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#38

Carbon Tetrachloride

Concen: 1.168 ug/l

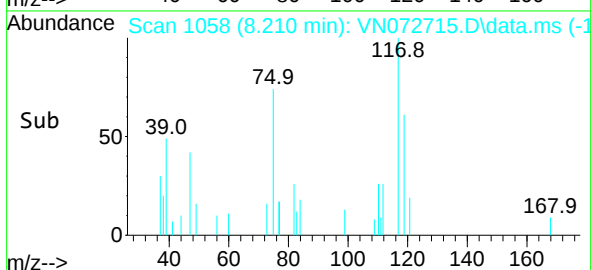
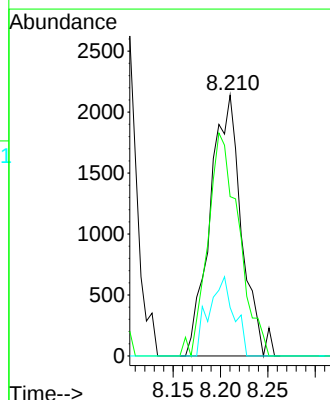
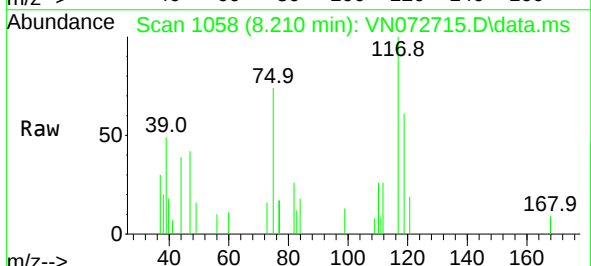
RT: 8.210 min Scan# 1058

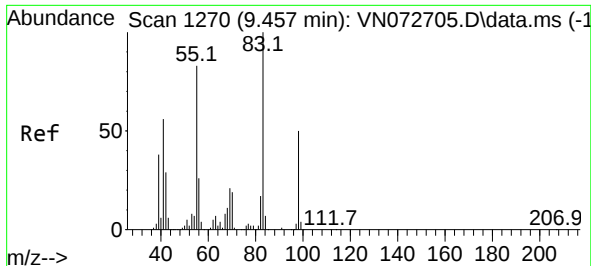
Delta R.T. 0.006 min

Lab File: VN072715.D

Acq: 08 Jun 2022 23:09

Tgt Ion:	117	Resp:	4925
Ion Ratio	Lower	Upper	
117	100		
119	61.1	75.8	113.8
121	18.6	24.6	37.0





#39

Methylcyclohexane

Concen: 1.014 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VN072715.D

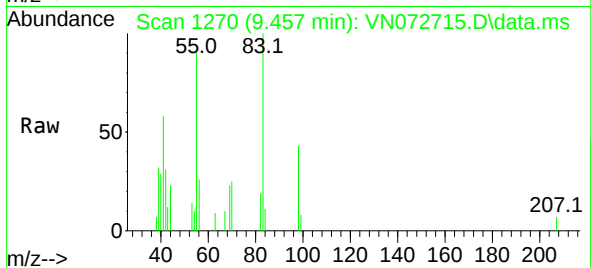
Acq: 08 Jun 2022 23:09

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2022

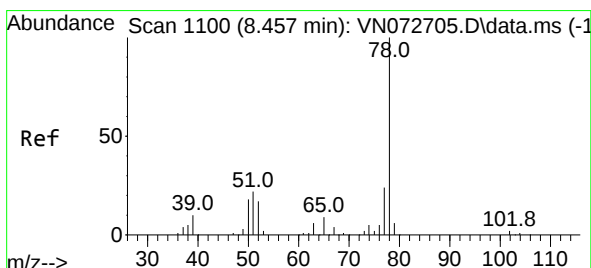
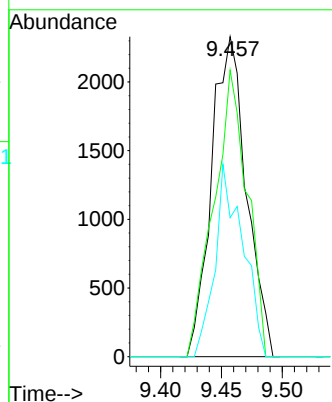


Tgt Ion:	83	Resp:	464
Ion Ratio	Lower	Upper	
83	100		
55	89.5	57.8	86.8
98	43.4	39.4	59.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#40

Benzene

Concen: 0.995 ug/l

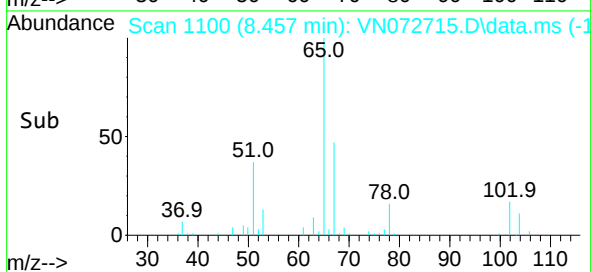
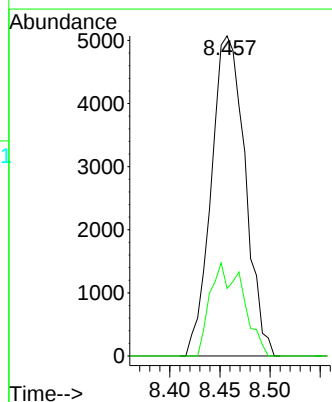
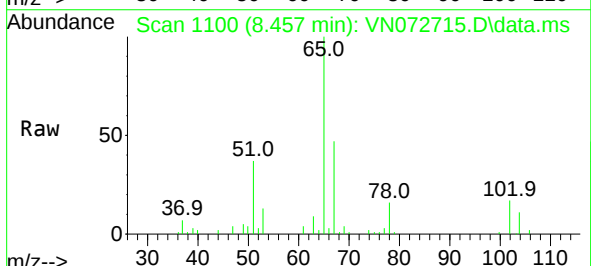
RT: 8.457 min Scan# 1100

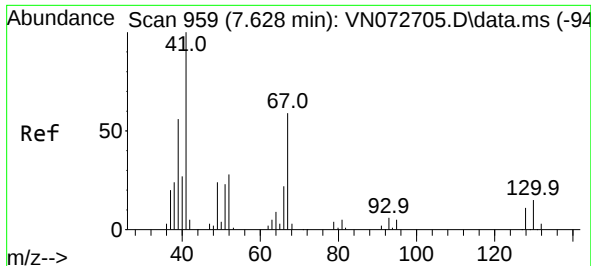
Delta R.T. 0.000 min

Lab File: VN072715.D

Acq: 08 Jun 2022 23:09

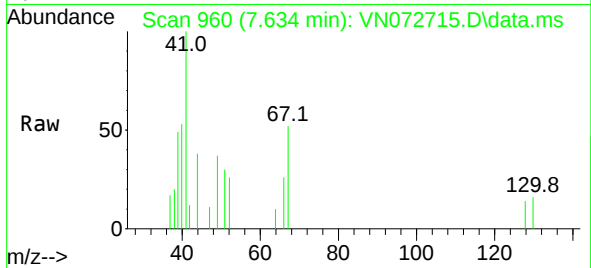
Tgt Ion:	78	Resp:	11915
Ion Ratio	Lower	Upper	
78	100		
77	21.1	19.4	29.0





#41
Methacrylonitrile
Concen: 1.081 ug/l m
RT: 7.634 min Scan# 959
Delta R.T. 0.006 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09

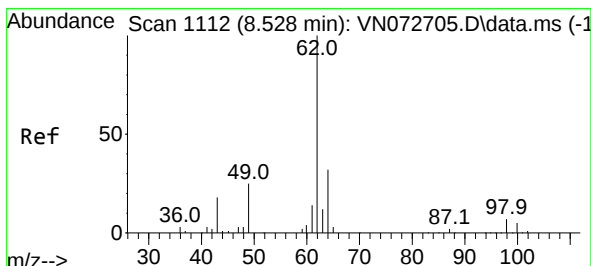
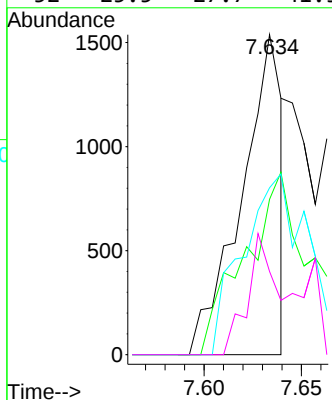
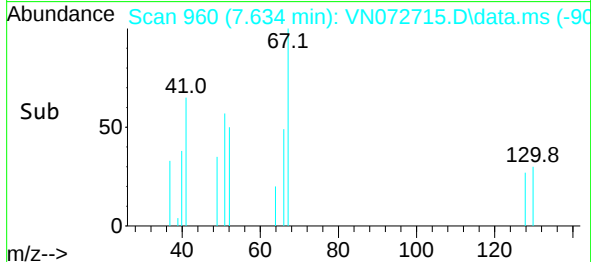
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 41 Resp: 2234
Ion Ratio Lower Upper
41 100
39 72.3 48.6 73.0
67 95.8 73.4 110.2
52 25.5 27.7 41.5#

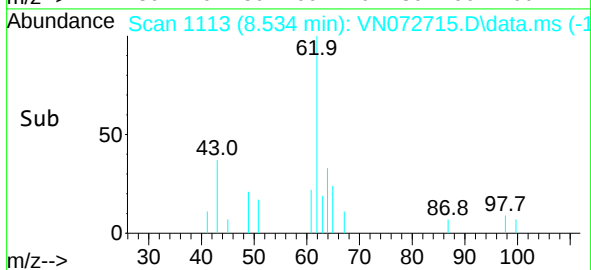
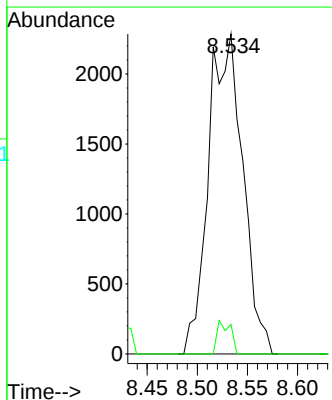
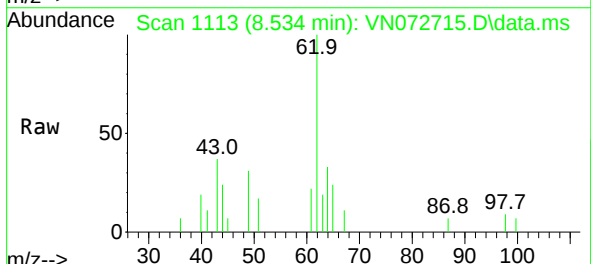
Manual Integrations
APPROVED

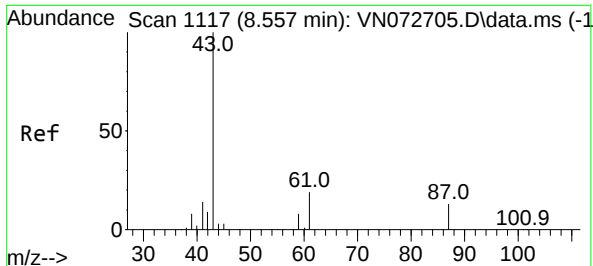
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#42
1,2-Dichloroethane
Concen: 1.096 ug/l
RT: 8.534 min Scan# 1113
Delta R.T. 0.006 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09

Tgt Ion: 62 Resp: 5444
Ion Ratio Lower Upper
62 100
98 4.0 0.0 19.4





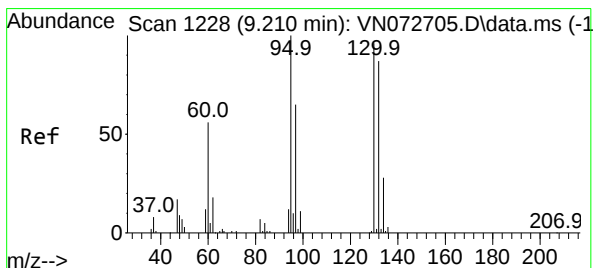
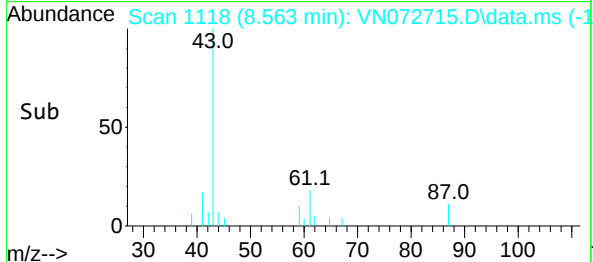
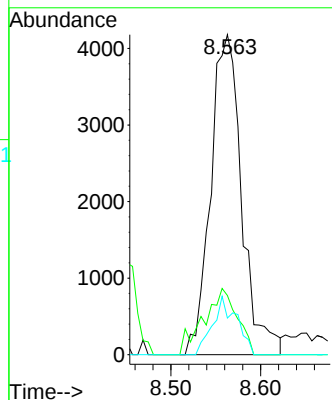
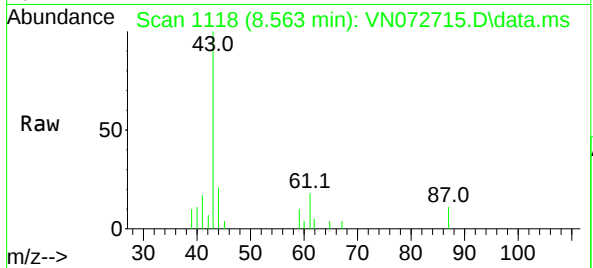
#43
Isopropyl Acetate
Concen: 1.052 ug/l
RT: 8.563 min Scan# 1118
Delta R.T. 0.006 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022

Tgt Ion: 43 Resp: 1004
Ion Ratio Lower Upper
43 100
61 22.3 21.9 32.9
87 14.1 12.0 18.0

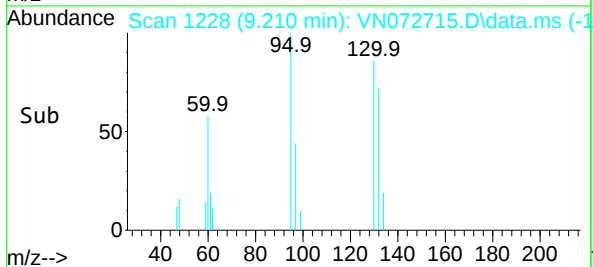
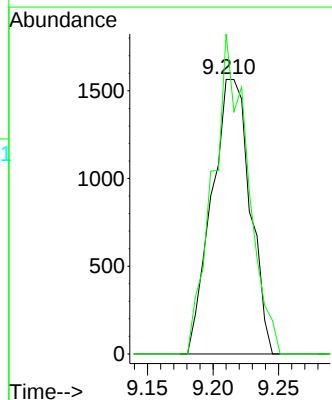
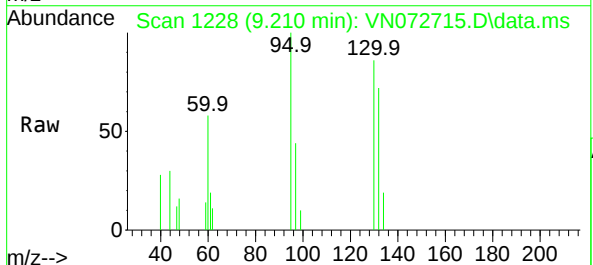
Manual Integrations
APPROVED

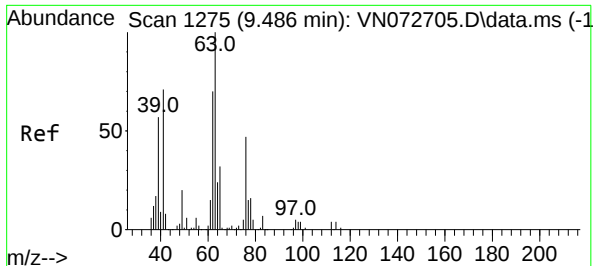
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#44
Trichloroethene
Concen: 1.140 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09

Tgt Ion:130 Resp: 3178
Ion Ratio Lower Upper
130 100
95 116.5 0.0 186.8





#45

1,2-Dichloropropane

Concen: 1.037 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN072715.D

Acq: 08 Jun 2022 23:09

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2022

Tgt Ion: 63 Resp: 335

Ion Ratio Lower Upper

63 100

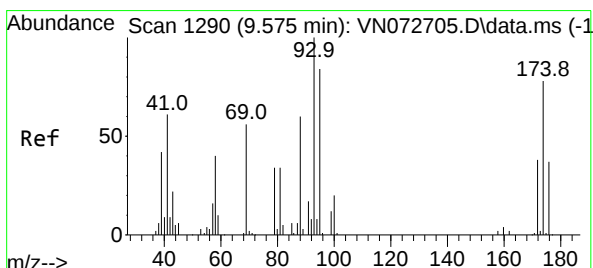
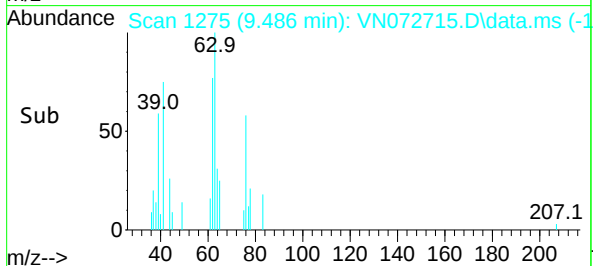
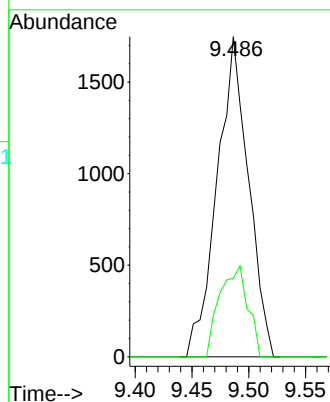
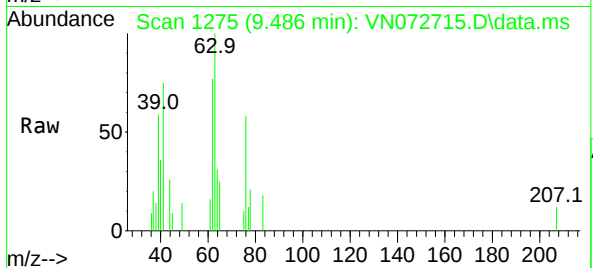
65 24.5 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#46

Dibromomethane

Concen: 0.994 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN072715.D

Acq: 08 Jun 2022 23:09

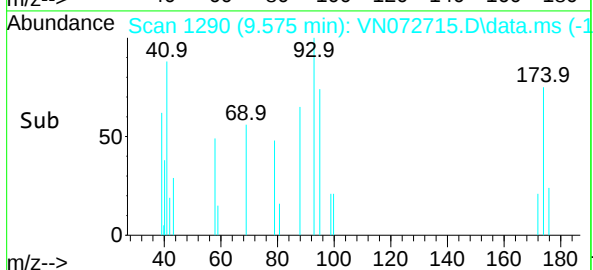
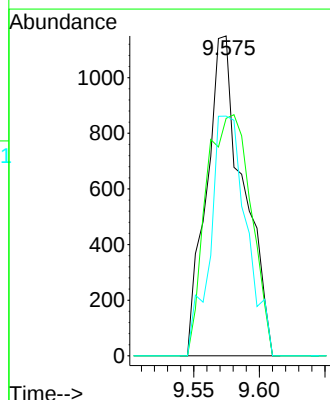
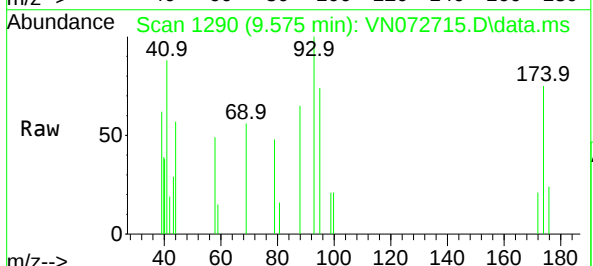
Tgt Ion: 93 Resp: 2249

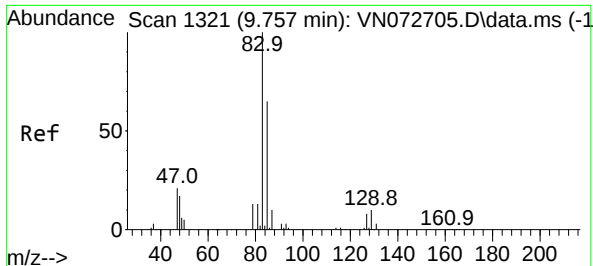
Ion Ratio Lower Upper

93 100

95 92.0 66.9 100.3

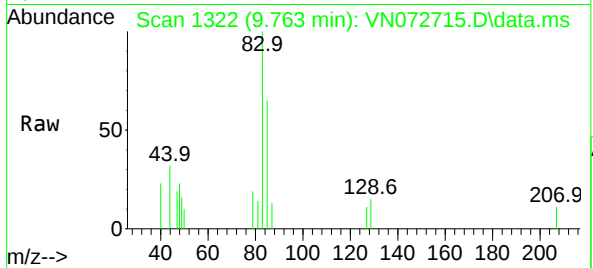
174 73.8 86.6 130.0





#47
Bromodichloromethane
Concen: 0.944 ug/l
RT: 9.763 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09

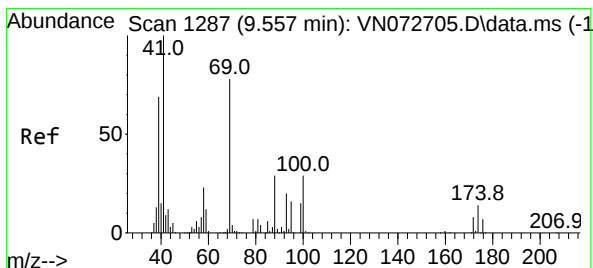
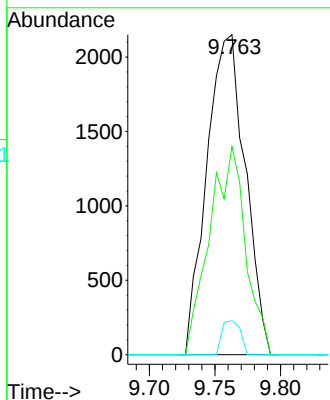
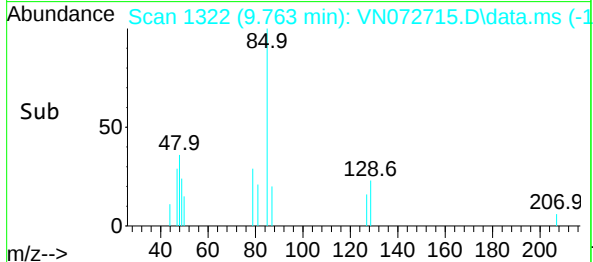
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 83 Resp: 439
Ion Ratio Lower Upper
83 100
85 65.0 50.5 75.7
127 10.6 6.8 10.2

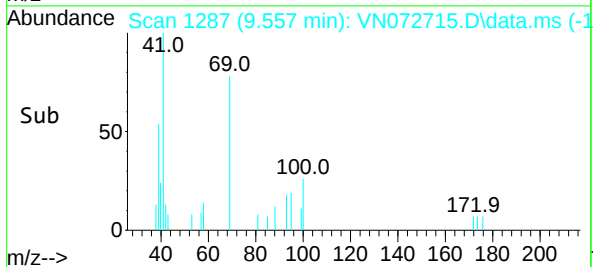
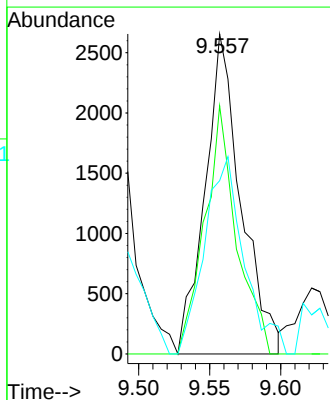
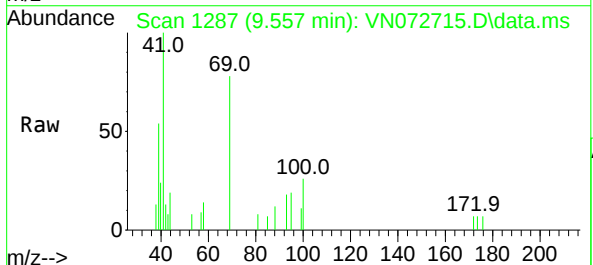
Manual Integrations
APPROVED

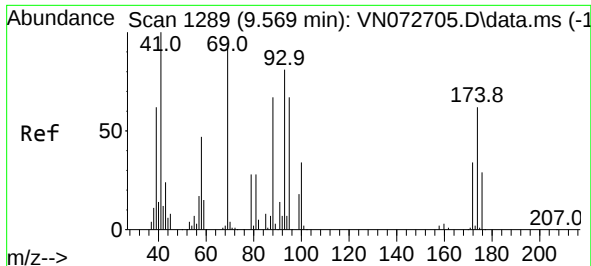
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#48
Methyl methacrylate
Concen: 1.039 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.000 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09

Tgt Ion: 41 Resp: 4693
Ion Ratio Lower Upper
41 100
69 68.8 74.7 112.1#
39 67.6 45.6 68.4





#49

1,4-Dioxane

Concen: 19.264 ug/l

RT: 9.569 min Scan# 1289

Delta R.T. -0.000 min

Lab File: VN072715.D

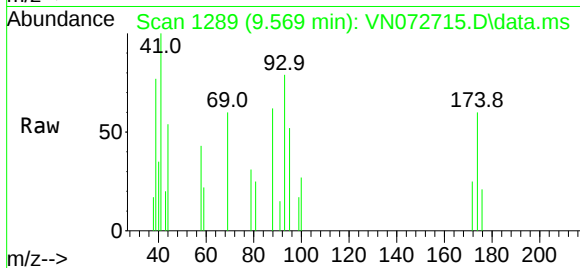
Acq: 08 Jun 2022 23:09

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2022

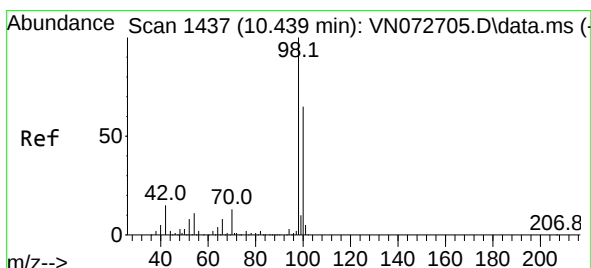
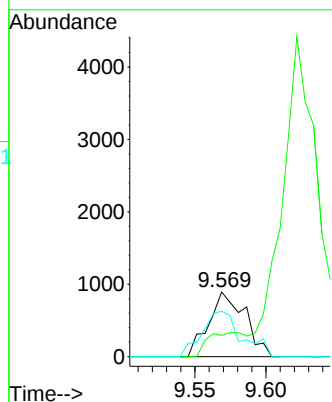
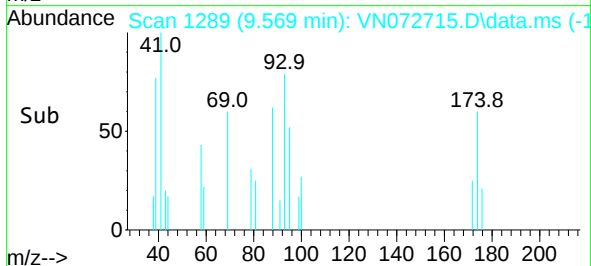


Tgt Ion:	88	Resp:	159
Ion Ratio	Lower	Upper	
88	100		
43	39.6	20.2	30.4
58	75.9	54.2	81.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#50

Toluene-d8

Concen: 51.093 ug/l

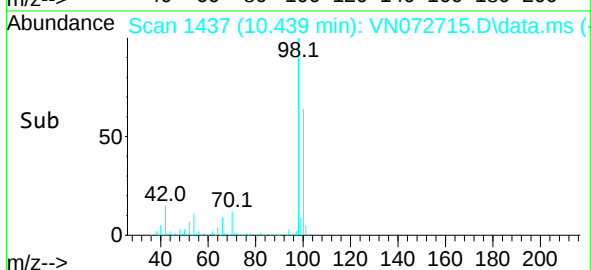
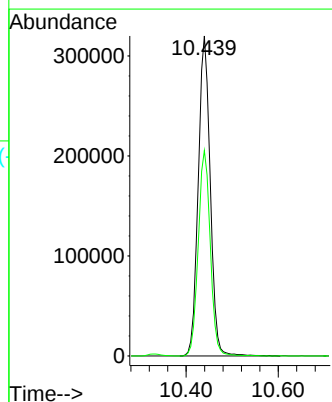
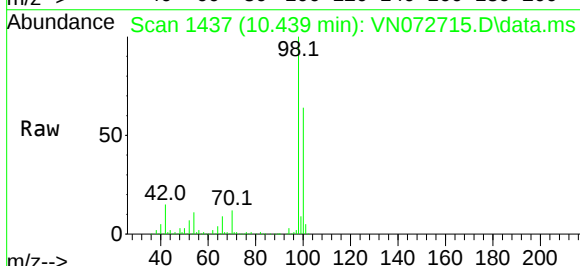
RT: 10.439 min Scan# 1437

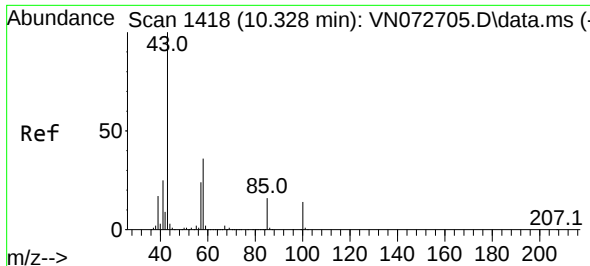
Delta R.T. 0.000 min

Lab File: VN072715.D

Acq: 08 Jun 2022 23:09

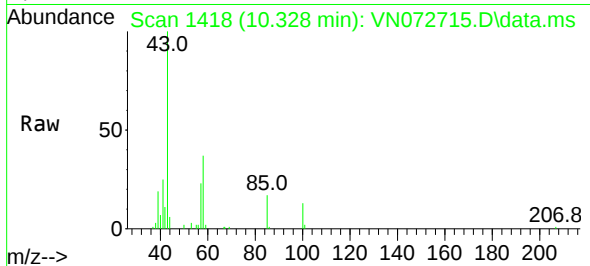
Tgt Ion:	98	Resp:	579623
Ion Ratio	Lower	Upper	
98	100		
100	64.4	52.6	78.8





#51
4-Methyl-2-Pentanone
Concen: 4.927 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09

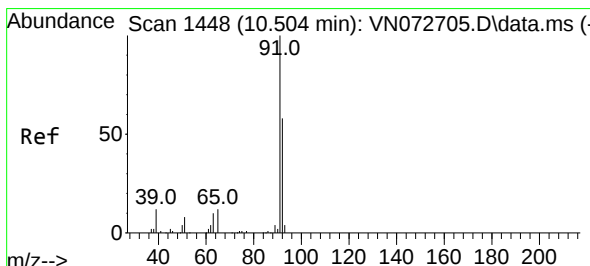
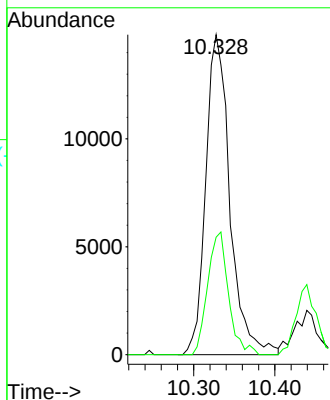
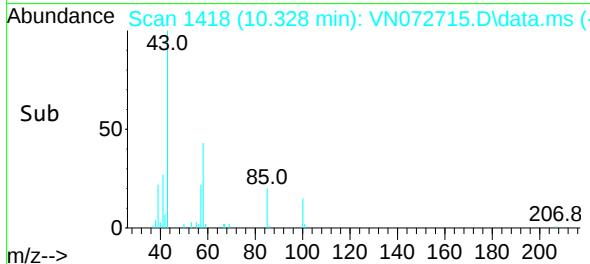
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 43 Resp: 3064
Ion Ratio Lower Upper
43 100
58 33.1 34.1 51.1

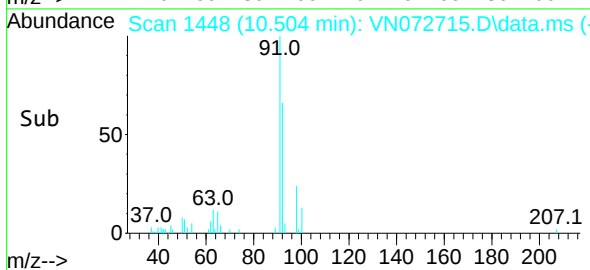
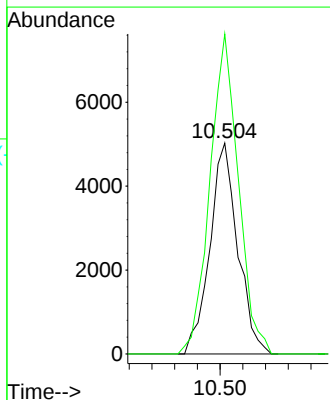
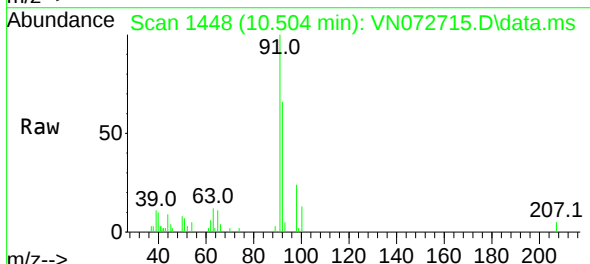
Manual Integrations
APPROVED

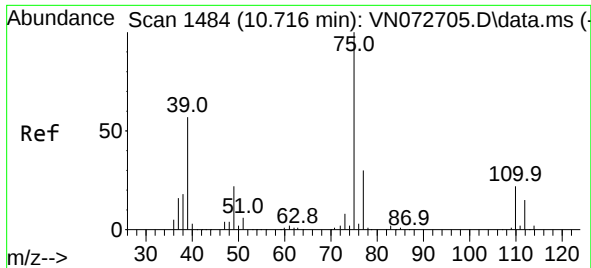
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#52
Toluene
Concen: 1.146 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09

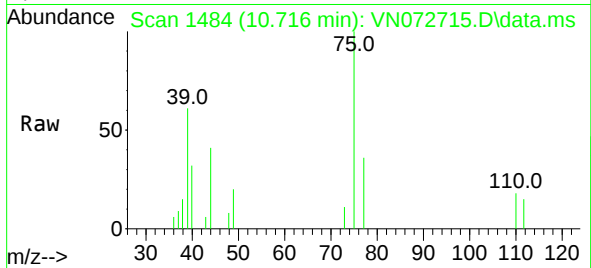
Tgt Ion: 92 Resp: 8566
Ion Ratio Lower Upper
92 100
91 155.0 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 0.908 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09

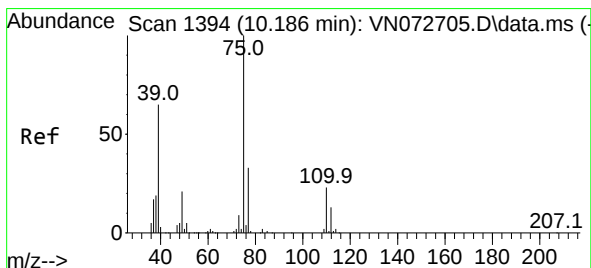
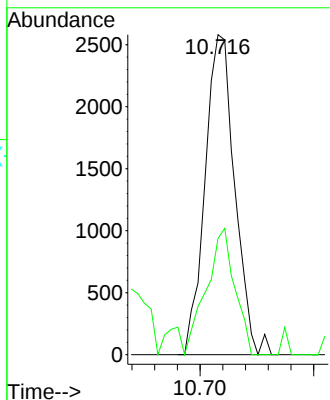
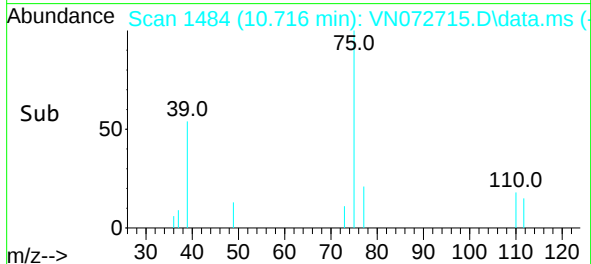
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2022



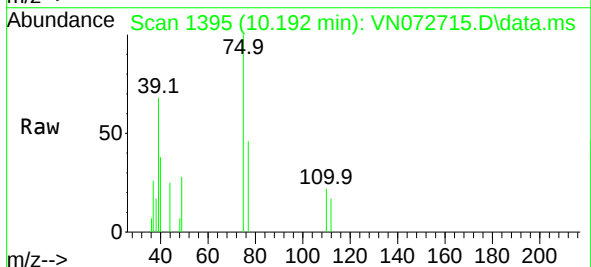
Tgt Ion: 75 Resp: 4689
Ion Ratio Lower Upper
75 100
77 36.4 25.6 38.4

Manual Integrations
APPROVED

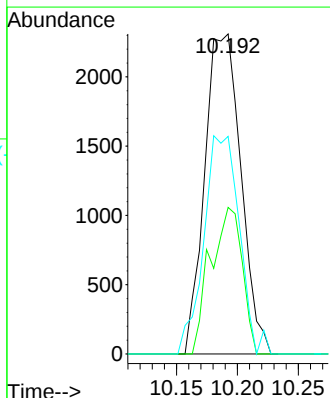
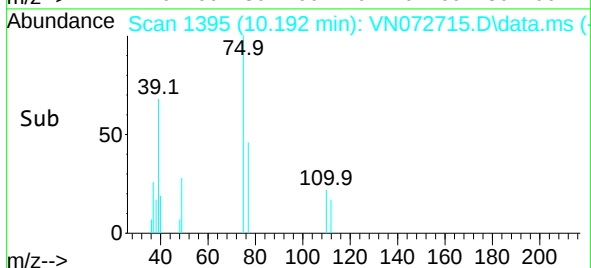
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

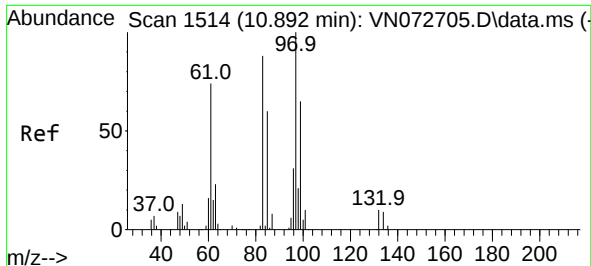


#54
cis-1,3-Dichloropropene
Concen: 0.896 ug/l
RT: 10.192 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09



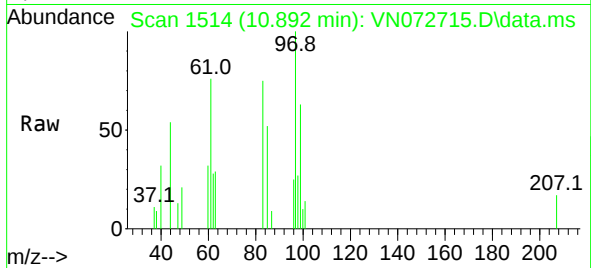
Tgt Ion: 75 Resp: 4784
Ion Ratio Lower Upper
75 100
77 45.8 25.2 37.8#
39 68.0 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 0.931 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09

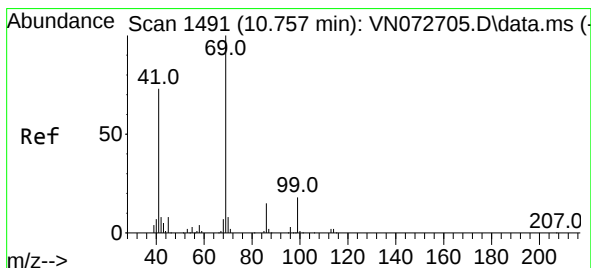
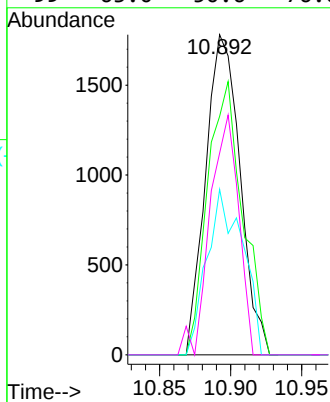
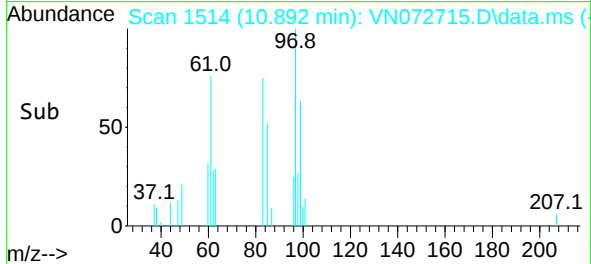
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



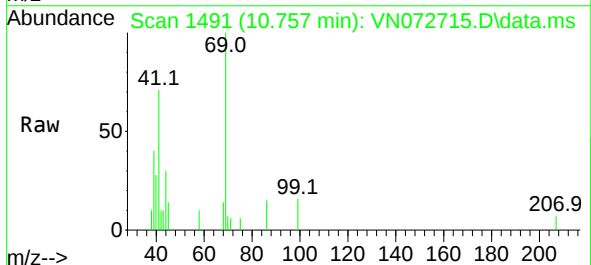
Tgt Ion	Ratio	Lower	Upper
97	100		
83	74.5	66.2	99.4
85	51.7	43.9	65.9
99	63.0	50.6	76.0

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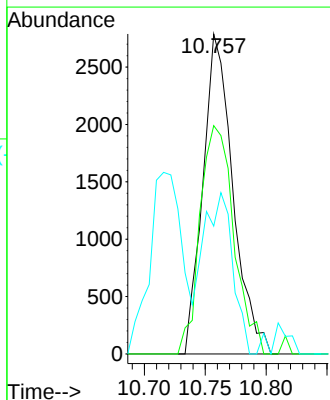
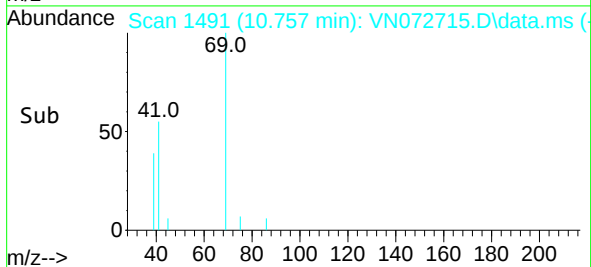
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

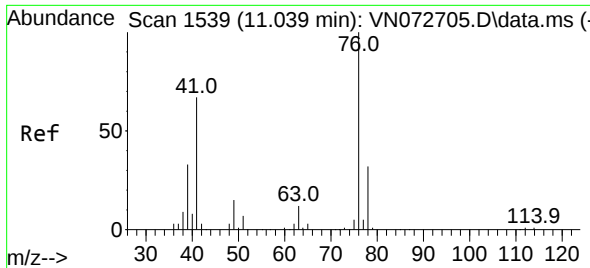


#56
Ethyl methacrylate
Concen: 0.838 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09



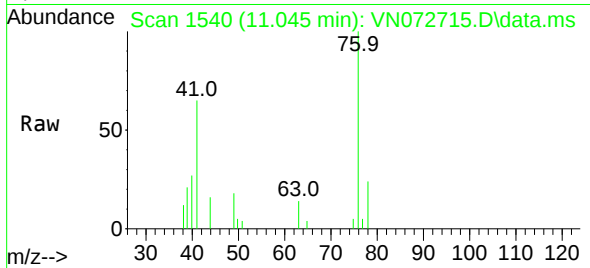
Tgt Ion	Ratio	Lower	Upper
69	100		
41	80.5	47.8	71.6#
39	49.3	27.3	40.9#





#57
1,3-Dichloropropane
Concen: 1.058 ug/l
RT: 11.045 min Scan# 1540
Delta R.T. 0.006 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09

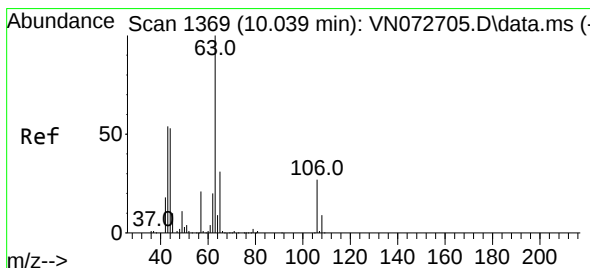
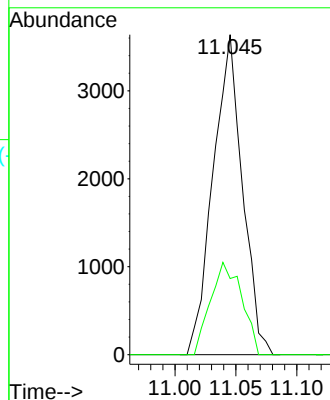
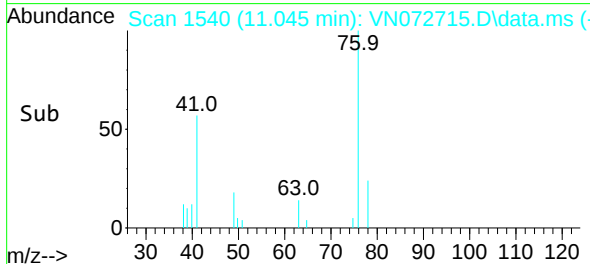
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 76 Resp: 6094
Ion Ratio Lower Upper
76 100
78 30.8 26.2 39.2

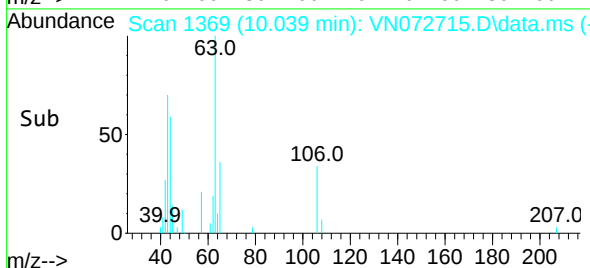
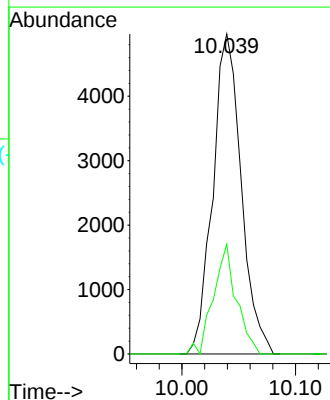
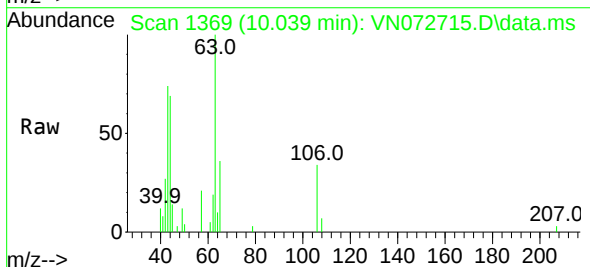
Manual Integrations
APPROVED

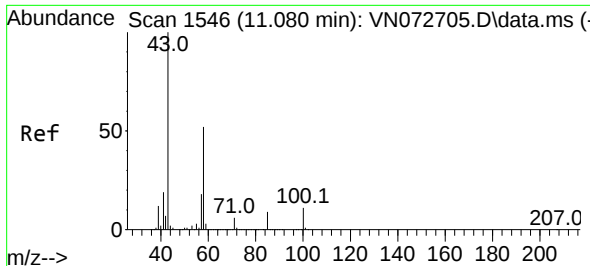
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#58
2-Chloroethyl Vinyl ether
Concen: 3.789 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09

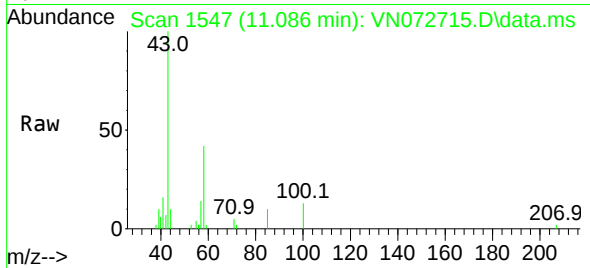
Tgt Ion: 63 Resp: 8618
Ion Ratio Lower Upper
63 100
106 27.8 24.6 36.8





#59
2-Hexanone
Concen: 4.433 ug/l
RT: 11.086 min Scan# 1546
Delta R.T. 0.006 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09

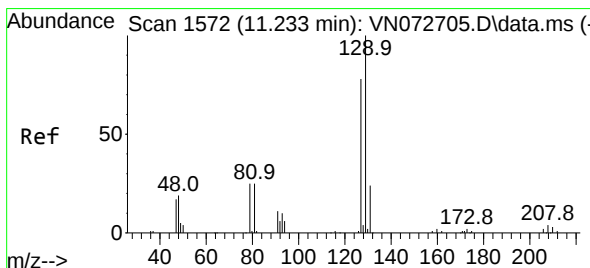
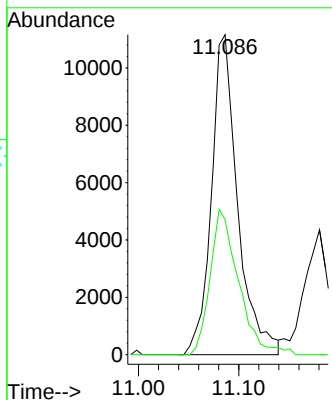
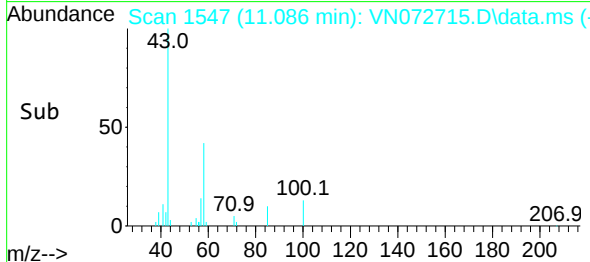
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 43 Resp: 2027
Ion Ratio Lower Upper
43 100
58 49.2 29.7 89.1

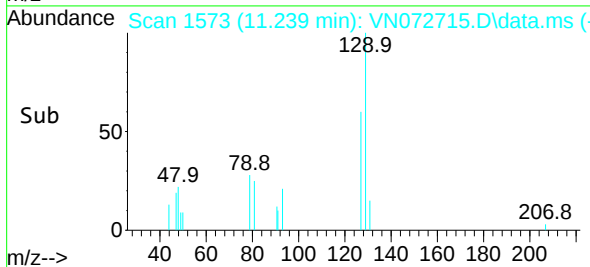
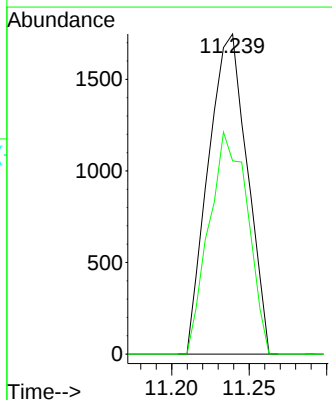
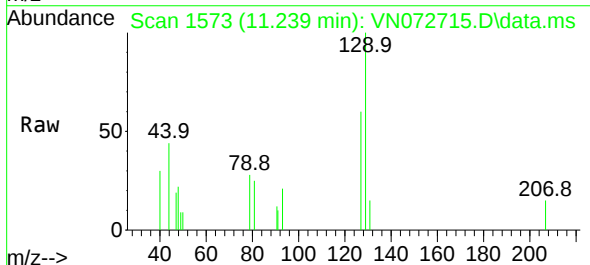
Manual Integrations
APPROVED

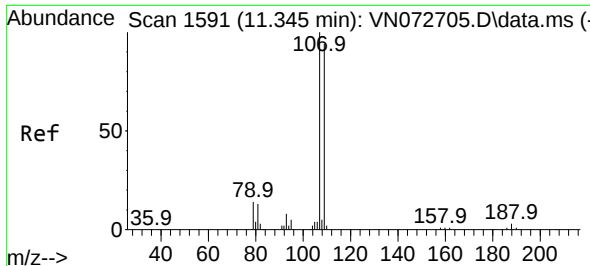
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#60
Dibromochloromethane
Concen: 0.910 ug/l
RT: 11.239 min Scan# 1573
Delta R.T. 0.006 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09

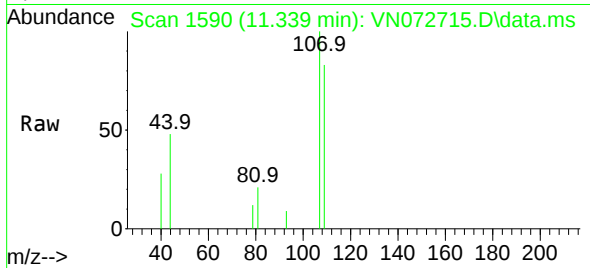
Tgt Ion:129 Resp: 3049
Ion Ratio Lower Upper
129 100
127 68.5 38.8 116.4





#61
1,2-Dibromoethane
Concen: 1.032 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09

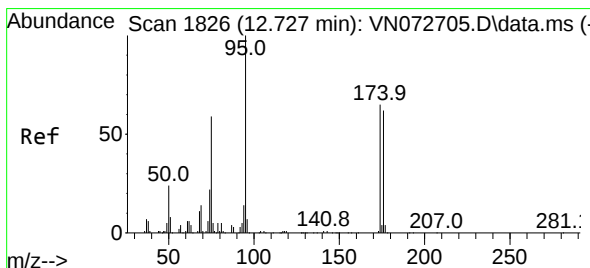
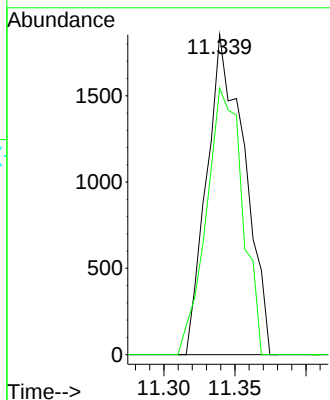
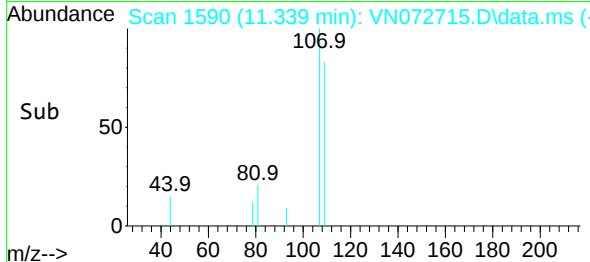
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2022



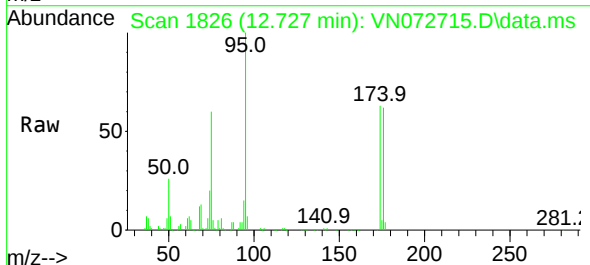
Tgt Ion: 107 Resp: 341
Ion Ratio Lower Upper
107 100
109 79.9 75.0 112.6

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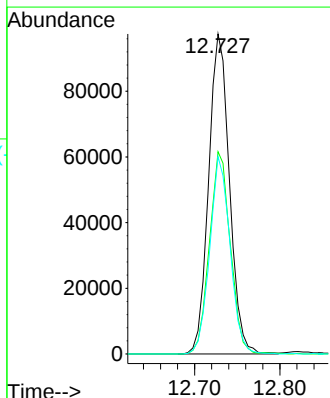
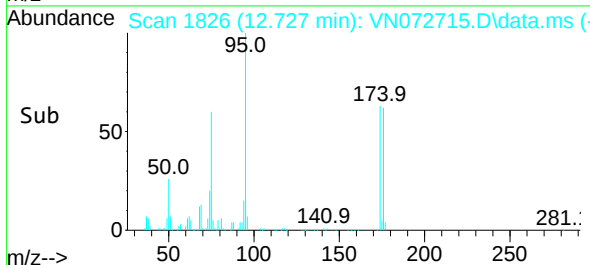
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

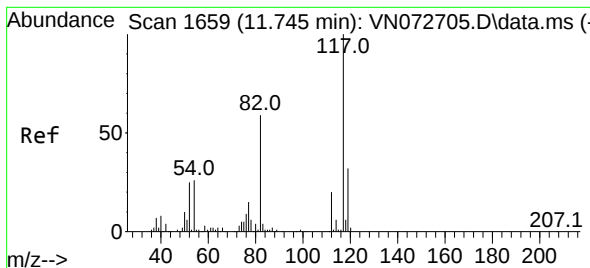


#62
4-Bromofluorobenzene
Concen: 42.432 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09



Tgt Ion: 95 Resp: 165181
Ion Ratio Lower Upper
95 100
174 63.4 0.0 167.6
176 60.2 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN072715.D

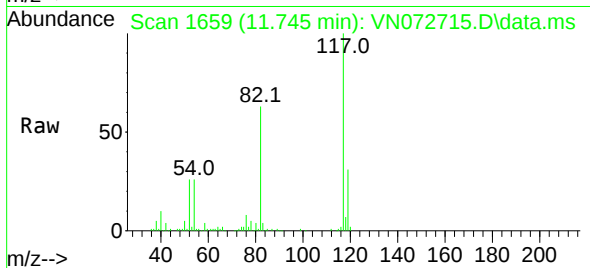
Acq: 08 Jun 2022 23:09

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2022



Tgt Ion:117 Resp: 27004

Ion Ratio Lower Upper

117 100

82 63.2 44.2 66.2

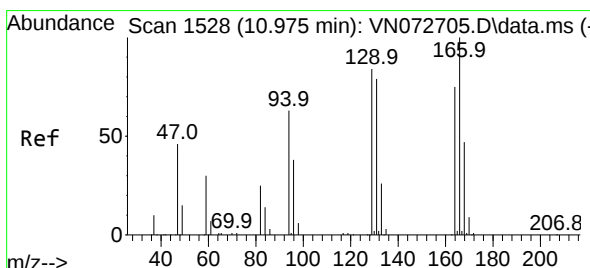
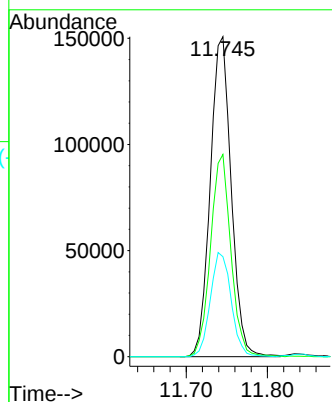
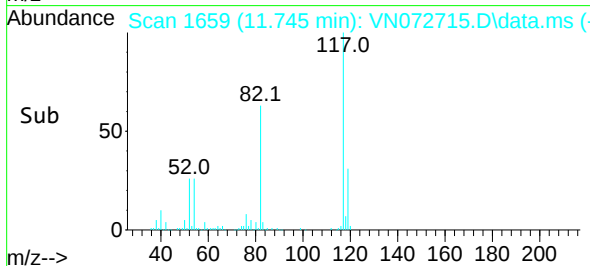
119 31.3 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#64

Tetrachloroethene

Concen: 1.100 ug/l

RT: 10.975 min Scan# 1528

Delta R.T. -0.000 min

Lab File: VN072715.D

Acq: 08 Jun 2022 23:09

Tgt Ion:164 Resp: 2501

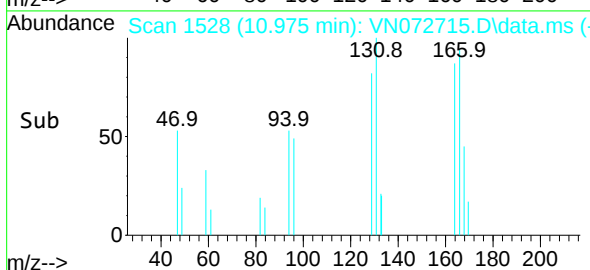
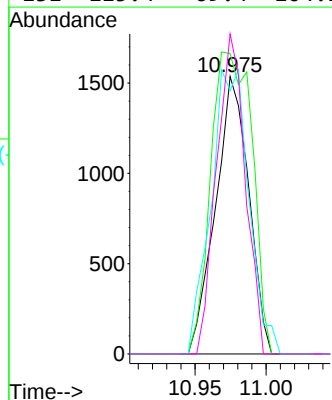
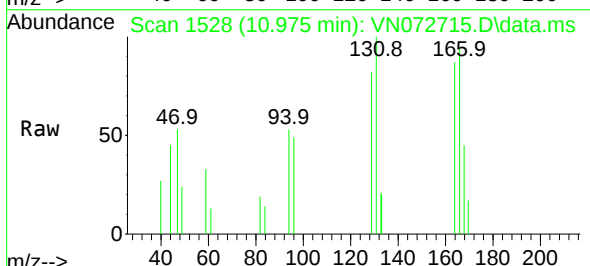
Ion Ratio Lower Upper

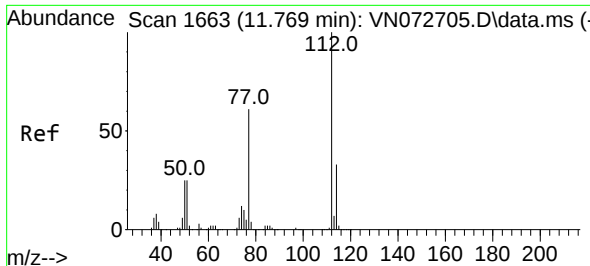
164 100

166 108.3 104.2 156.2

129 94.9 73.9 110.9

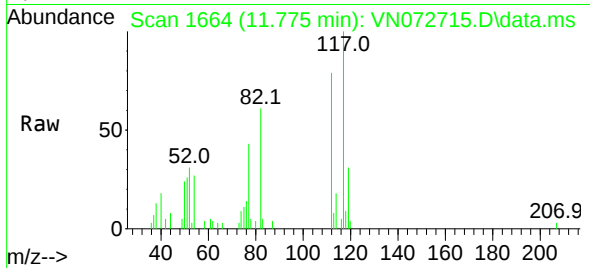
131 115.4 69.4 104.2#





#65
Chlorobenzene
Concen: 1.029 ug/l
RT: 11.775 min Scan# 1664
Delta R.T. 0.006 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09

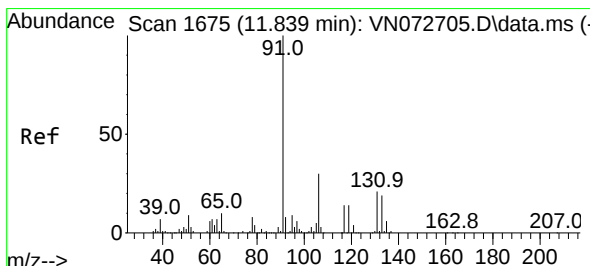
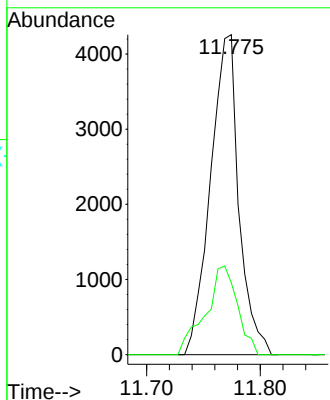
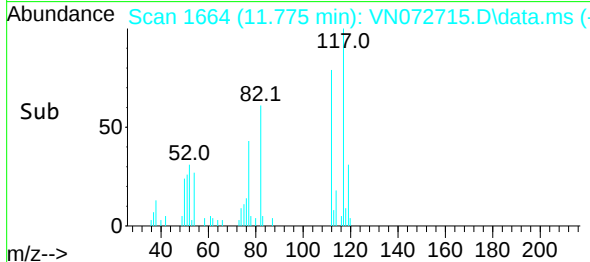
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



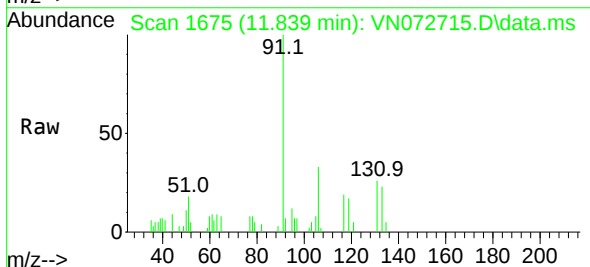
Tgt Ion:112 Resp: 7402
Ion Ratio Lower Upper
112 100
114 22.5 25.4 38.2

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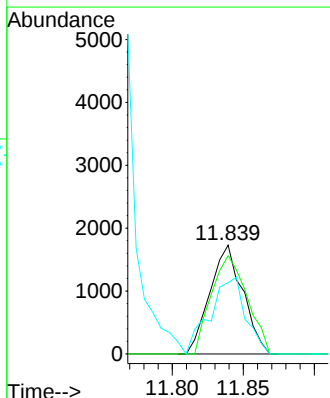
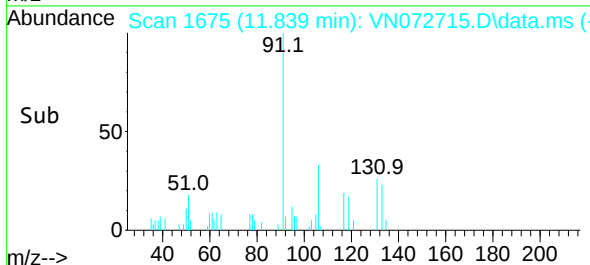
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

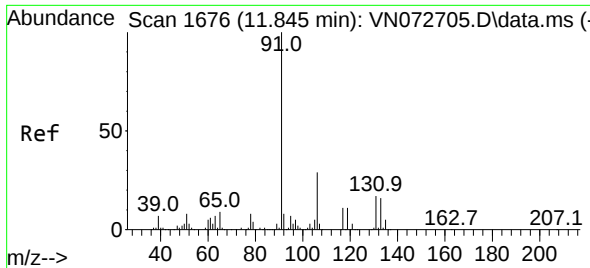


#66
1,1,1,2-Tetrachloroethane
Concen: 0.974 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09



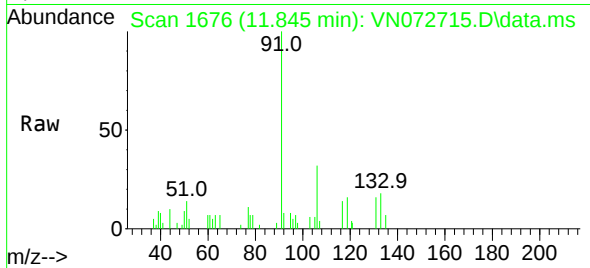
Tgt Ion:131 Resp: 2789
Ion Ratio Lower Upper
131 100
133 98.5 47.8 143.4
119 0.0 33.4 100.2





#67
Ethyl Benzene
Concen: 0.995 ug/l
RT: 11.845 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09

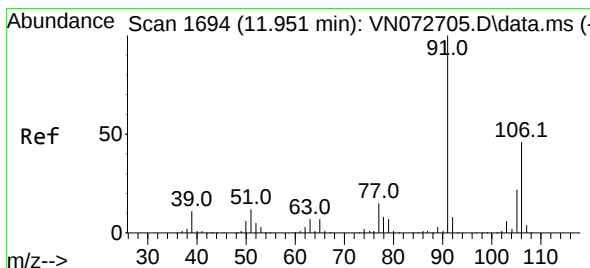
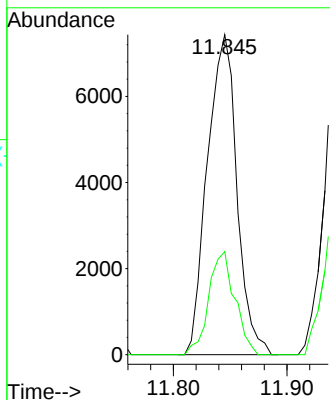
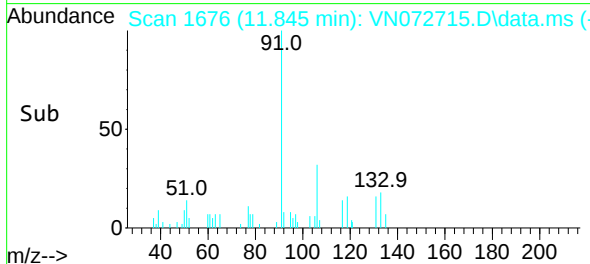
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



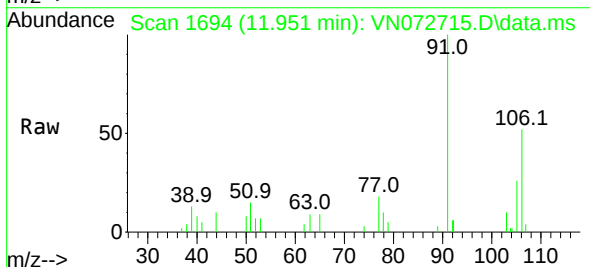
Tgt Ion: 91 Resp: 1346
Ion Ratio Lower Upper
91 100
106 32.2 24.9 37.3

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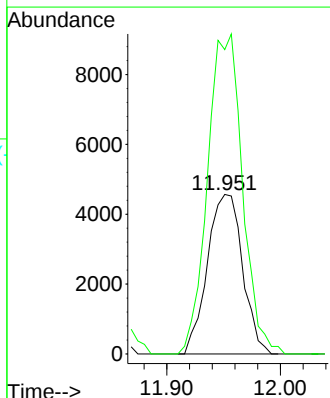
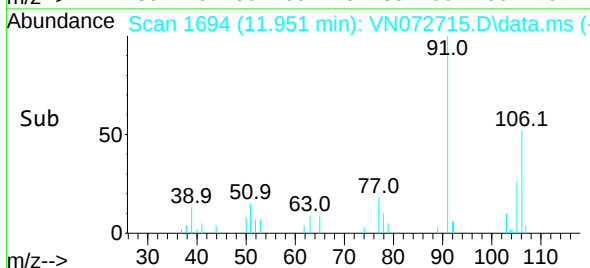
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

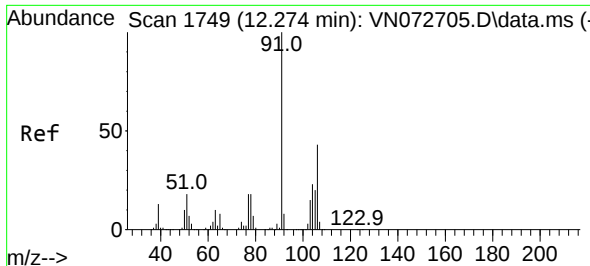


#68
m/p-Xylenes
Concen: 2.041 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09



Tgt Ion:106 Resp: 9813
Ion Ratio Lower Upper
106 100
91 199.1 158.9 238.3





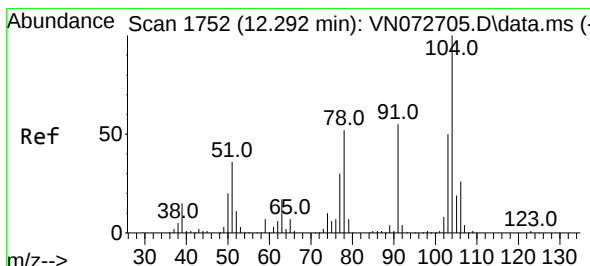
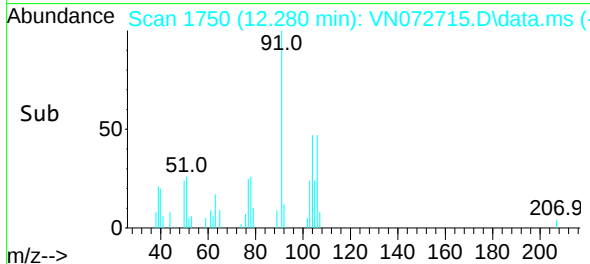
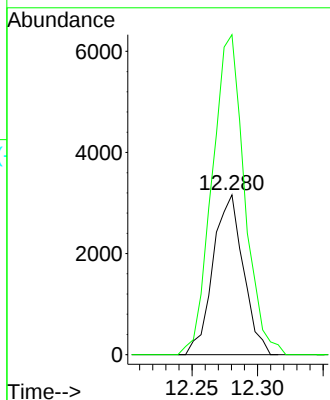
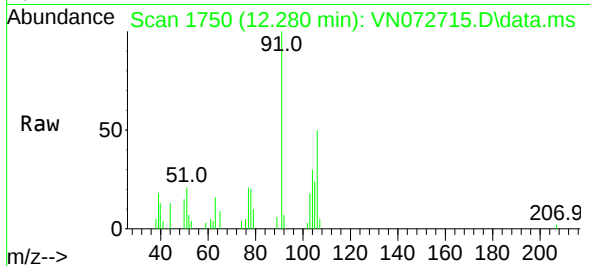
#69
o-Xylene
Concen: 1.052 ug/l
RT: 12.280 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022

Tgt Ion:106 Resp: 5084
Ion Ratio Lower Upper
106 100
91 213.6 106.0 318.0

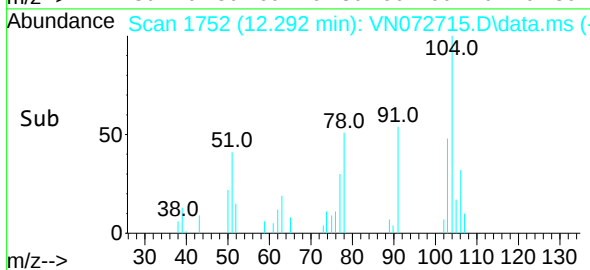
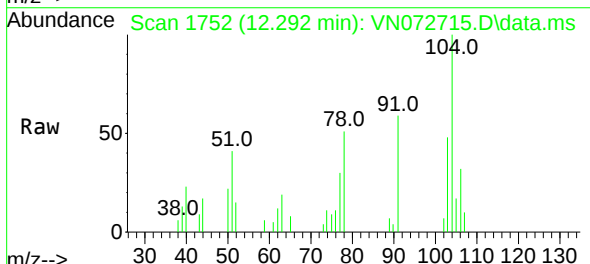
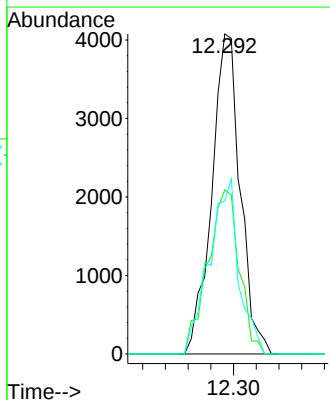
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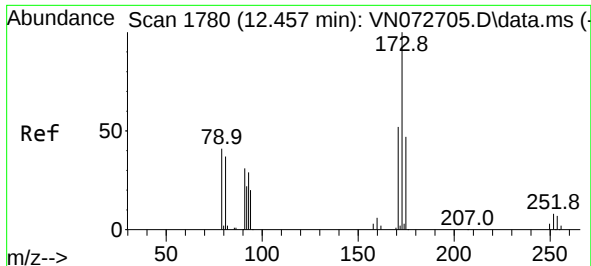
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#70
Styrene
Concen: 0.936 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09

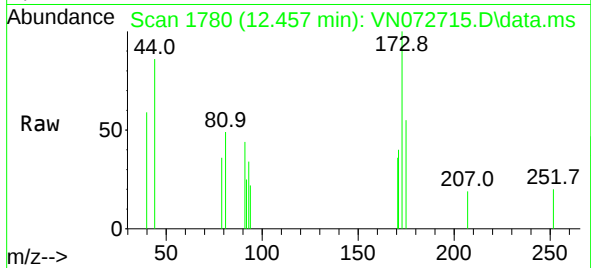
Tgt Ion:104 Resp: 7108
Ion Ratio Lower Upper
104 100
78 56.9 39.5 59.3
103 56.6 44.0 66.0





#71
Bromoform
Concen: 0.820 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09

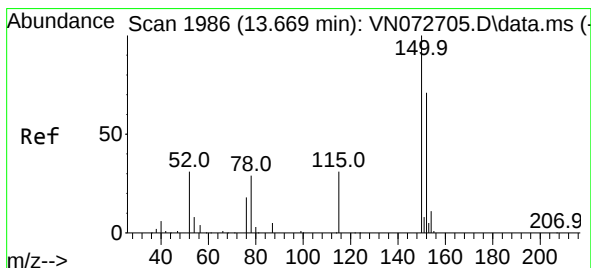
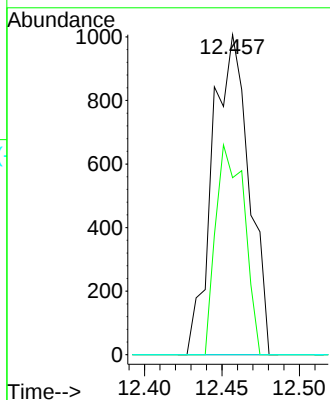
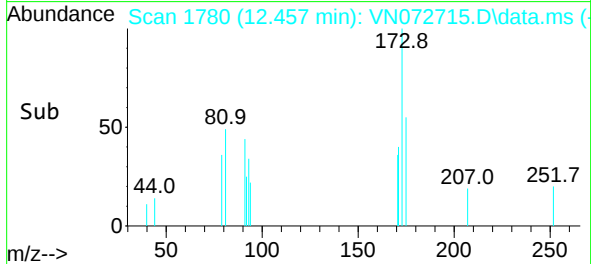
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



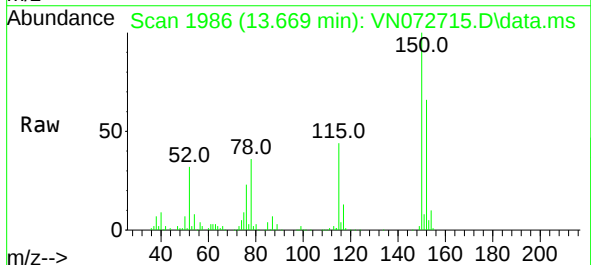
Tgt Ion:173 Resp: 1650
Ion Ratio Lower Upper
173 100
175 51.2 24.6 73.6
254 0.0 0.1 0.1

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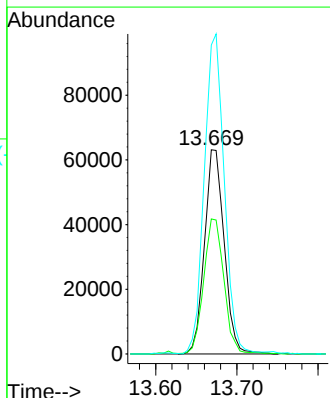
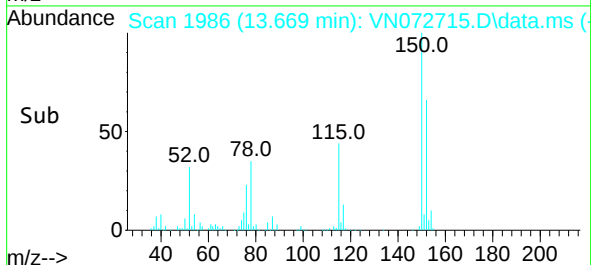
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

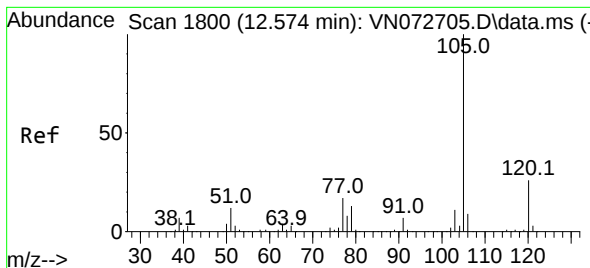


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09



Tgt Ion:152 Resp: 106564
Ion Ratio Lower Upper
152 100
115 68.0 28.9 86.7
150 157.9 0.0 356.2





#73

Isopropylbenzene

Concen: 0.999 ug/l

RT: 12.574 min Scan# 11418

Delta R.T. 0.000 min

Lab File: VN072715.D

Acq: 08 Jun 2022 23:09

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2022

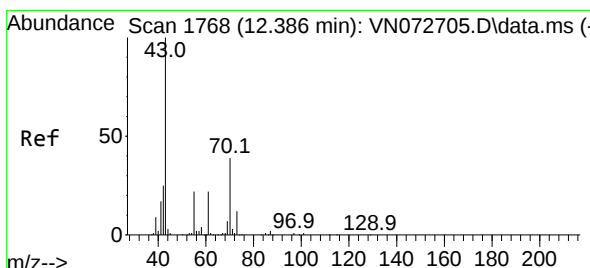
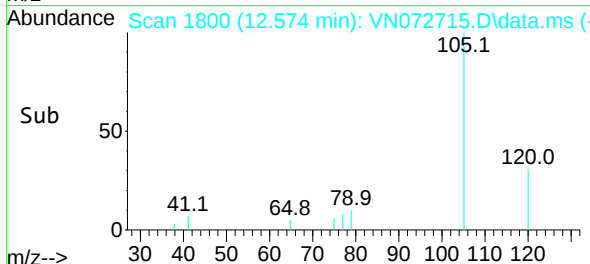
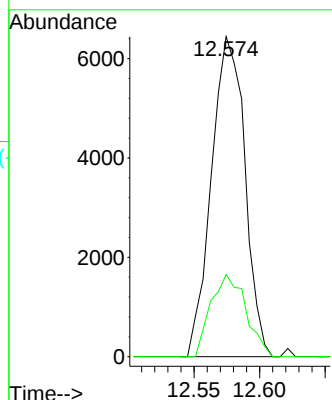
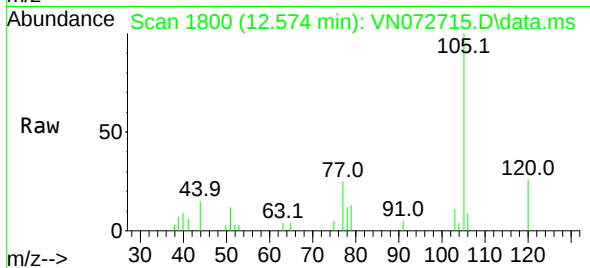
Tgt Ion:105 Resp: 11418
 Ion Ratio Lower Upper
 105 100
 120 26.9 13.5 40.4

Manual Integrations

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Reviewed By :John Carlone 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#74

N-ethyl acetate

Concen: 1.017 ug/l

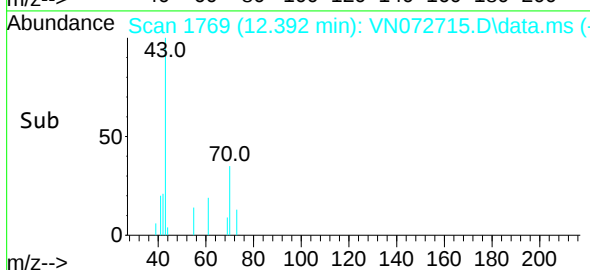
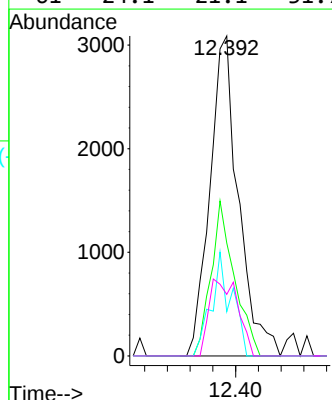
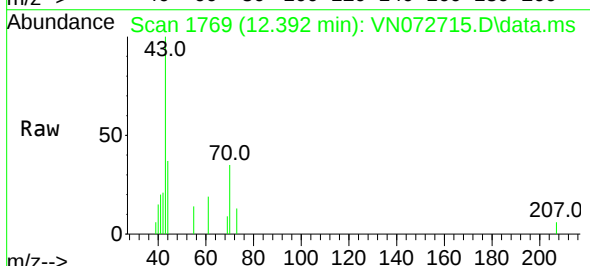
RT: 12.392 min Scan# 1769

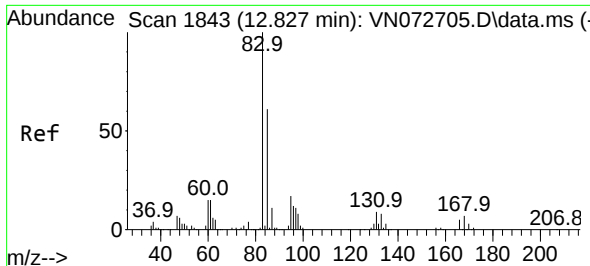
Delta R.T. 0.006 min

Lab File: VN072715.D

Acq: 08 Jun 2022 23:09

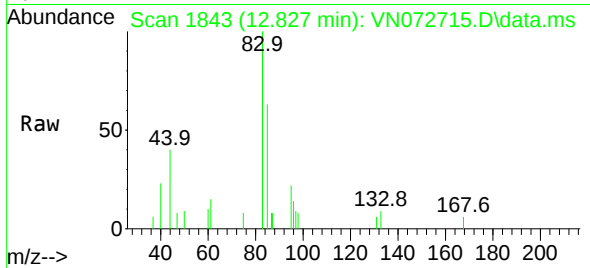
Tgt Ion: 43 Resp: 5402
 Ion Ratio Lower Upper
 43 100
 70 39.7 39.0 58.4
 55 23.0 21.1 31.7
 61 24.1 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 1.133 ug/l
RT: 12.827 min Scan# 1843
Delta R.T. 0.000 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09

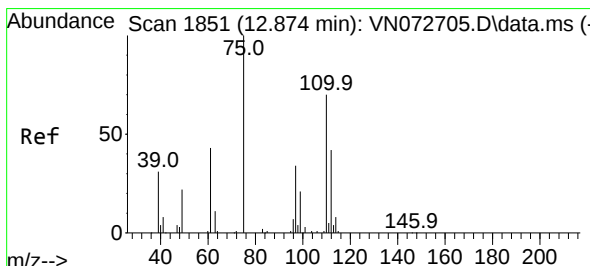
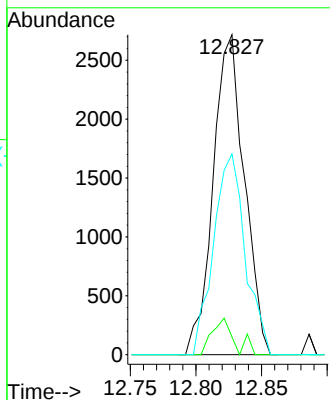
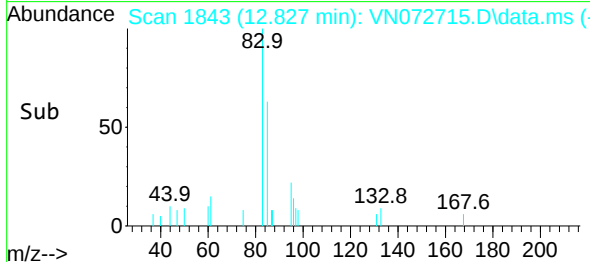
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 83 Resp: 449
Ion Ratio Lower Upper
83 100
131 6.7 5.3 15.9
85 63.6 32.3 96.9

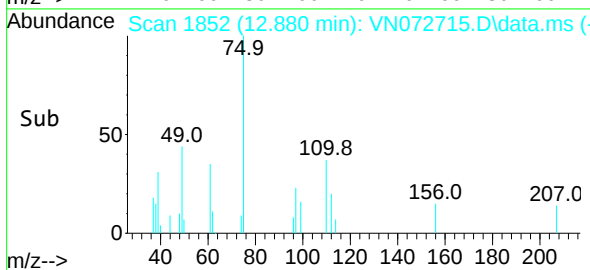
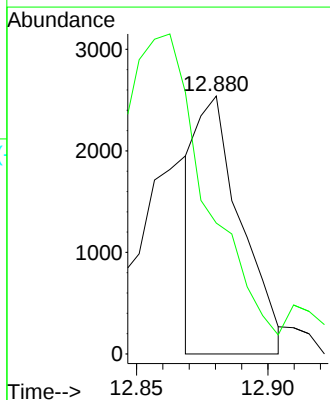
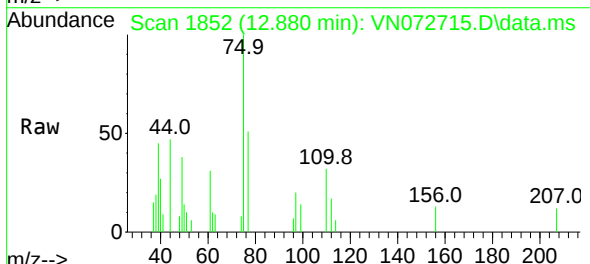
Manual Integrations
APPROVED

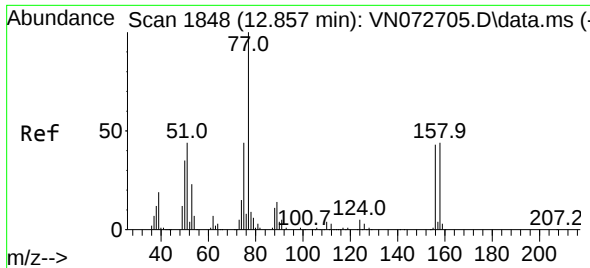
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#76
1,2,3-Trichloropropane
Concen: 0.876 ug/l m
RT: 12.880 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09

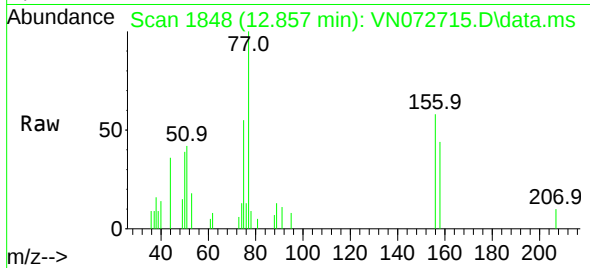
Tgt Ion: 75 Resp: 3014
Ion Ratio Lower Upper
75 100
77 241.8 98.5 295.5





#77
Bromobenzene
Concen: 1.220 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09

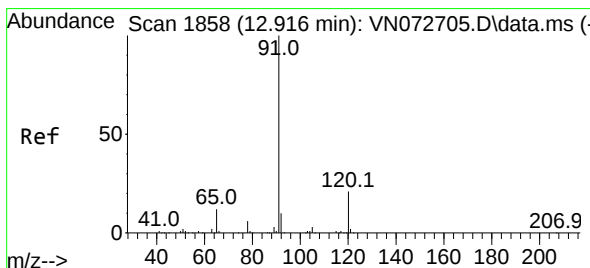
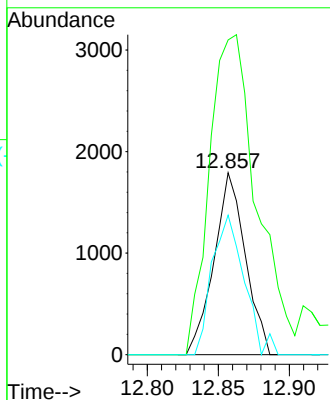
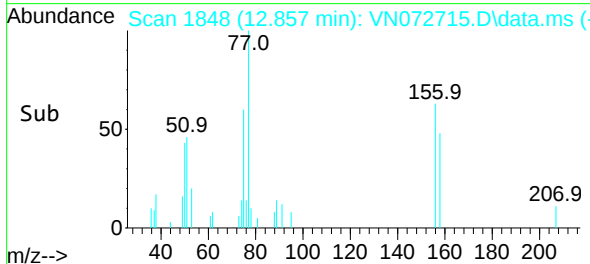
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 156 Resp: 2749
Ion Ratio Lower Upper
156 100
77 265.1 100.5 301.5
158 78.5 48.9 146.6

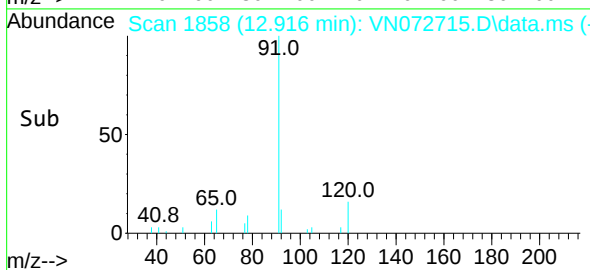
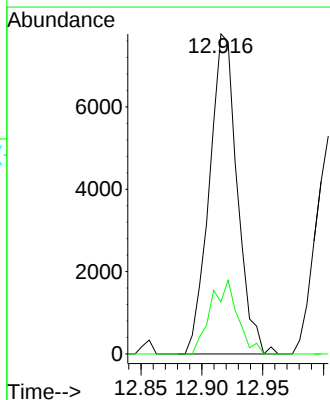
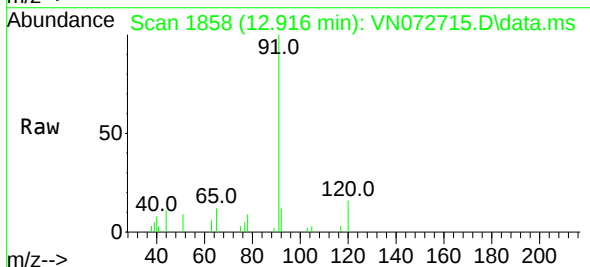
Manual Integrations
APPROVED

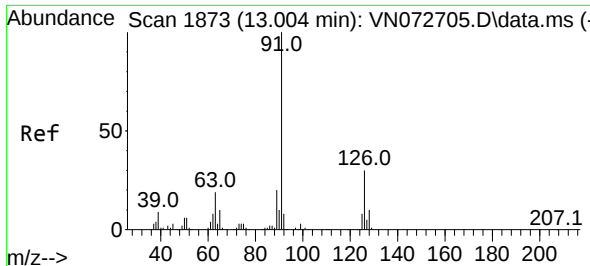
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#78
n-propylbenzene
Concen: 0.994 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09

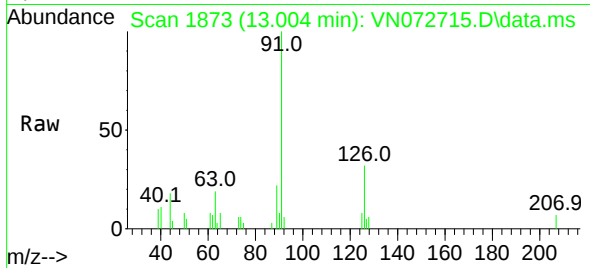
Tgt Ion: 91 Resp: 12400
Ion Ratio Lower Upper
91 100
120 22.2 11.9 35.5





#79
2-Chlorotoluene
Concen: 1.110 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09

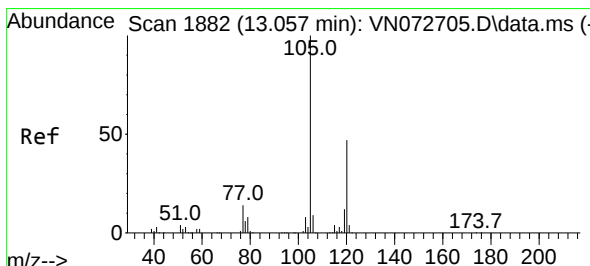
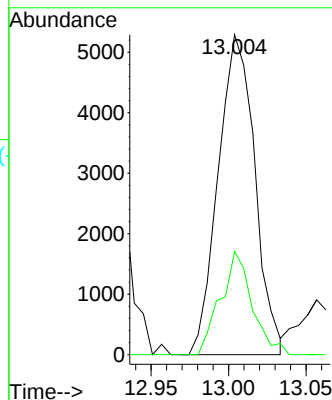
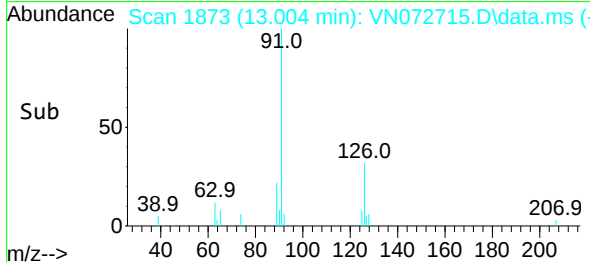
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



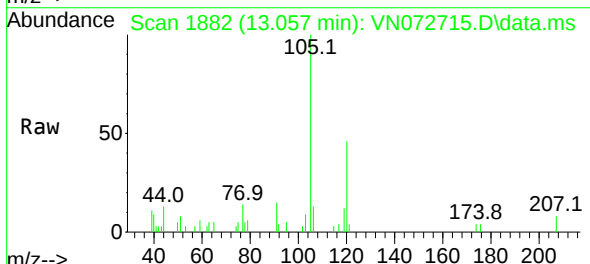
Tgt Ion: 91 Resp: 868
Ion Ratio Lower Upper
91 100
126 27.8 17.3 51.9

Manual Integrations
APPROVED

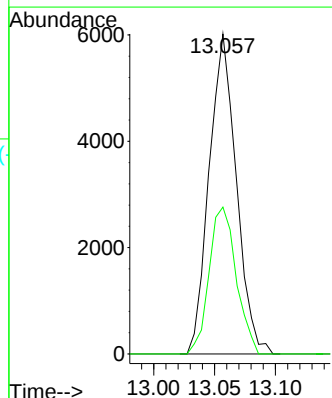
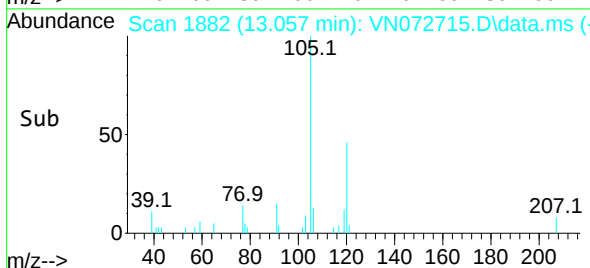
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

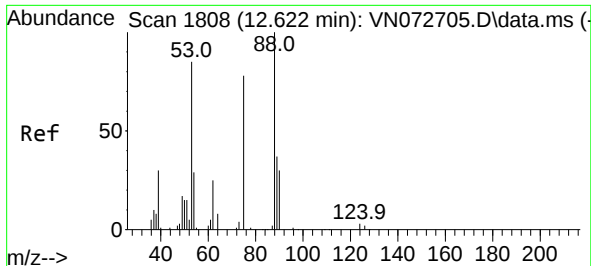


#80
1,3,5-Trimethylbenzene
Concen: 1.031 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09



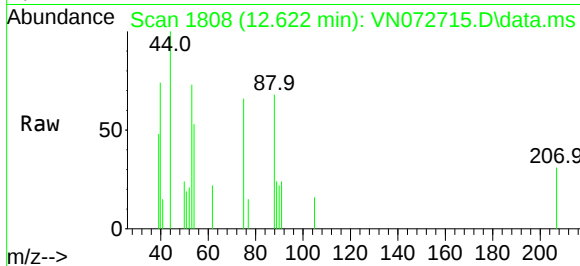
Tgt Ion:105 Resp: 9338
Ion Ratio Lower Upper
105 100
120 45.7 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 0.927 ug/l m
RT: 12.622 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09

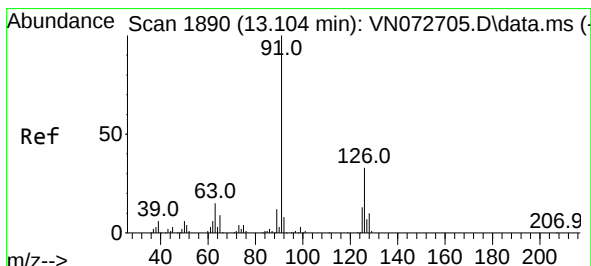
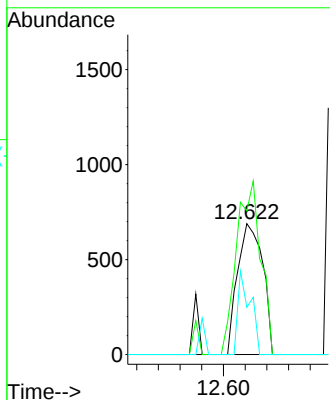
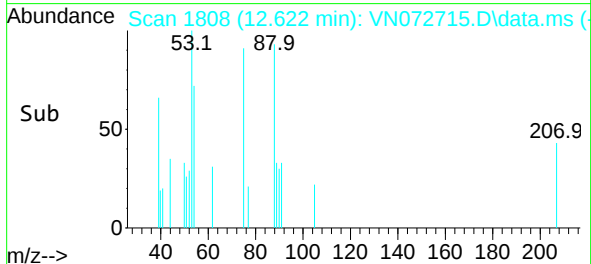
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2022



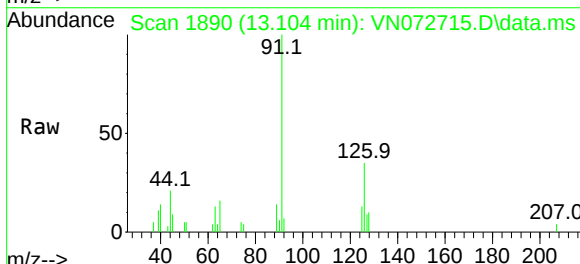
Tgt Ion: 75 Resp: 1219
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0
89 0.0 37.2 55.8

Manual Integrations
APPROVED

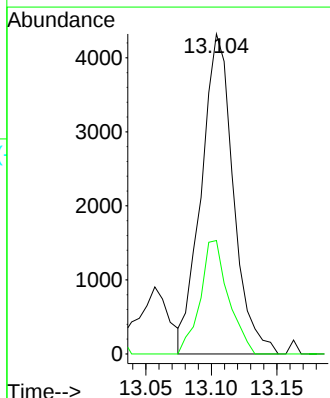
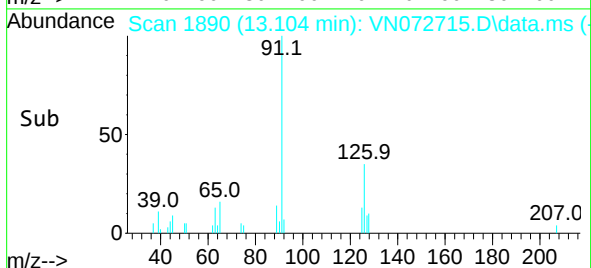
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

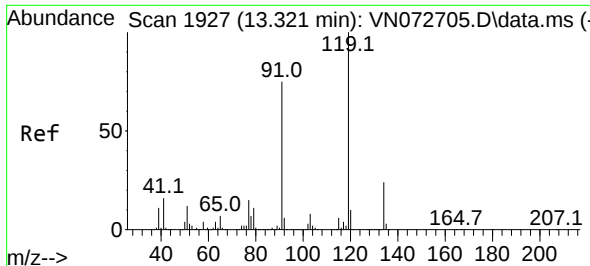


#82
4-Chlorotoluene
Concen: 1.013 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09



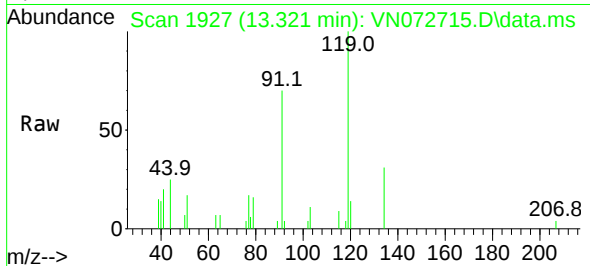
Tgt Ion: 91 Resp: 7328
Ion Ratio Lower Upper
91 100
126 31.3 17.2 51.6





#83
tert-Butylbenzene
Concen: 1.002 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09

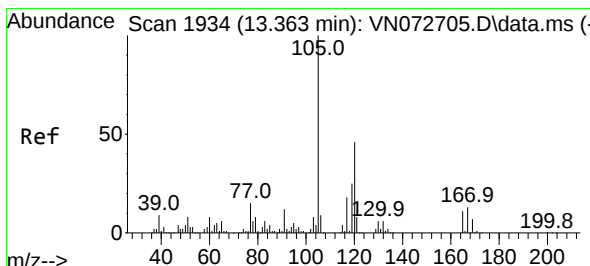
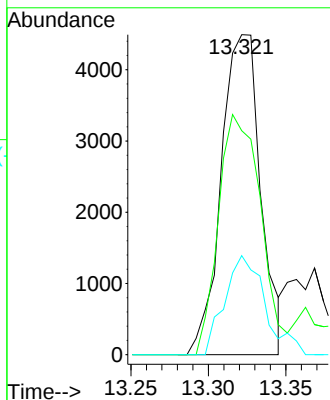
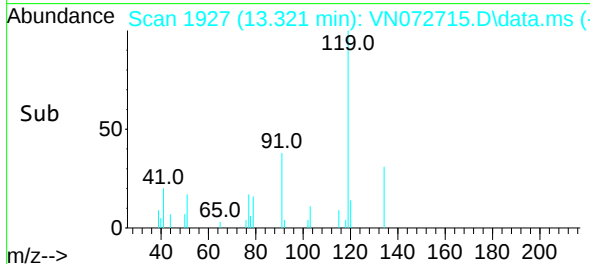
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



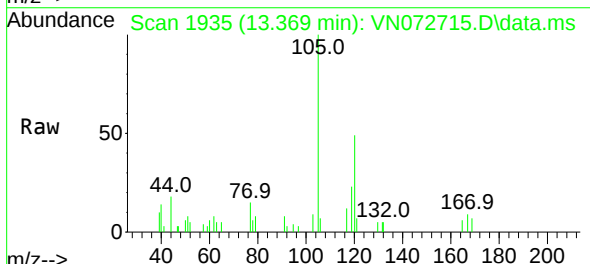
Tgt Ion:119 Resp: 796
Ion Ratio Lower Upper
119 100
91 80.4 31.6 94.8
134 31.6 13.7 41.1

Manual Integrations
APPROVED

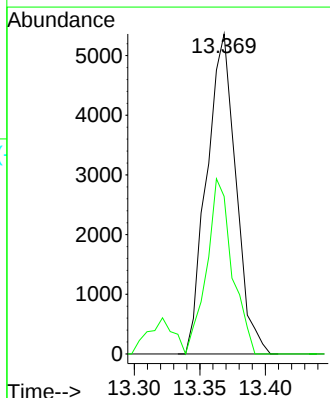
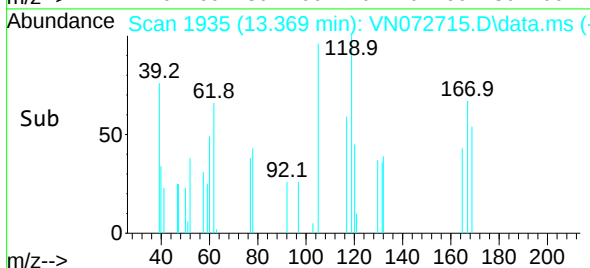
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

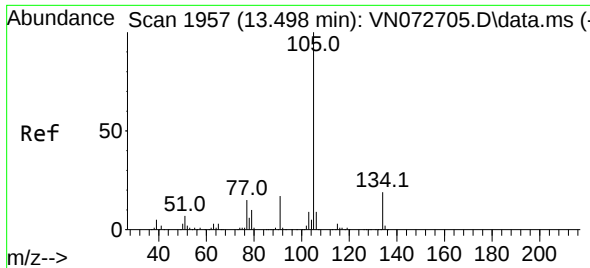


#84
1,2,4-Trimethylbenzene
Concen: 0.956 ug/l
RT: 13.369 min Scan# 1935
Delta R.T. 0.006 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09



Tgt Ion:105 Resp: 8287
Ion Ratio Lower Upper
105 100
120 47.9 23.3 69.8





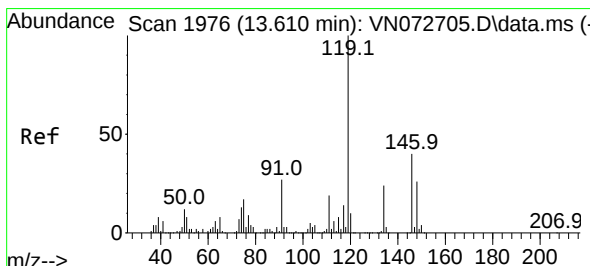
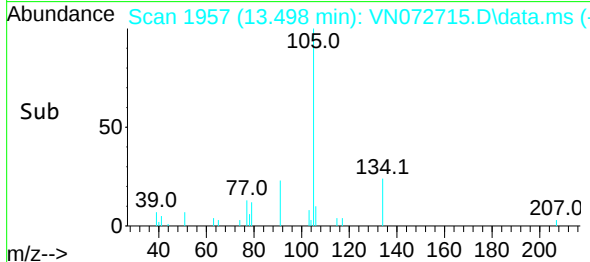
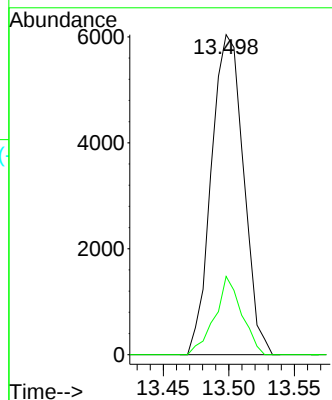
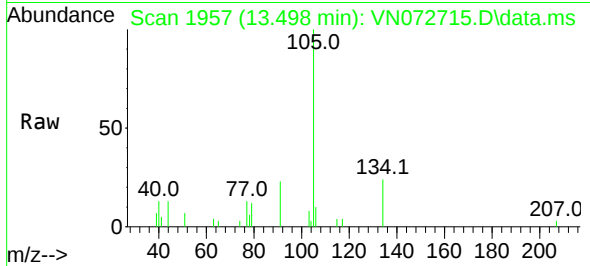
#85
 sec-Butylbenzene
 Concen: 0.961 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072715.D
 Acq: 08 Jun 2022 23:09

Instrument : MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2022

Tgt Ion:105 Resp: 10310
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.4 31.1

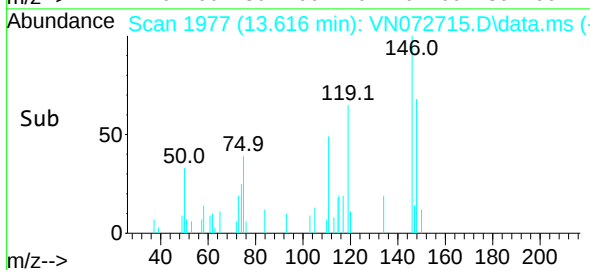
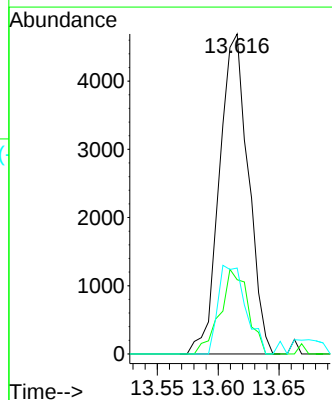
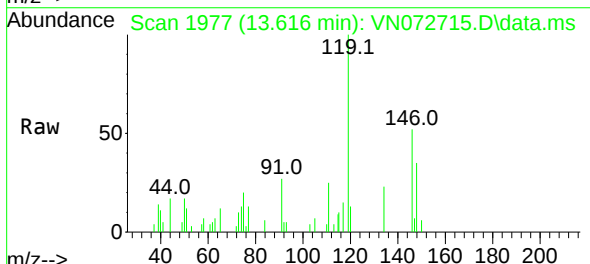
Manual Integrations
 APPROVED

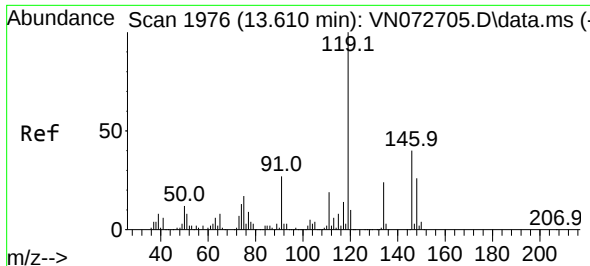
Reviewed By :John Carlone 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022



#86
 p-Isopropyltoluene
 Concen: 0.917 ug/l
 RT: 13.616 min Scan# 1977
 Delta R.T. 0.006 min
 Lab File: VN072715.D
 Acq: 08 Jun 2022 23:09

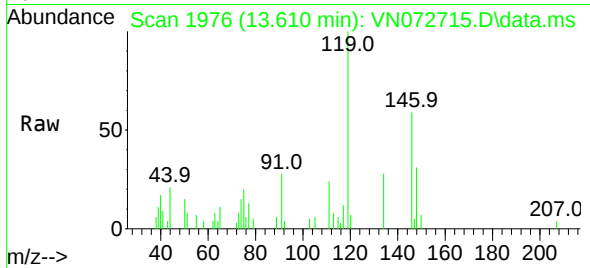
Tgt Ion:119 Resp: 7744
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.3 39.8
 91 26.3 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 1.096 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09

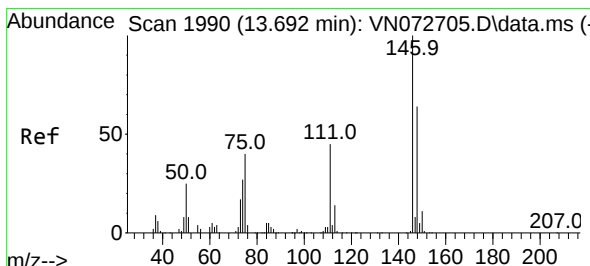
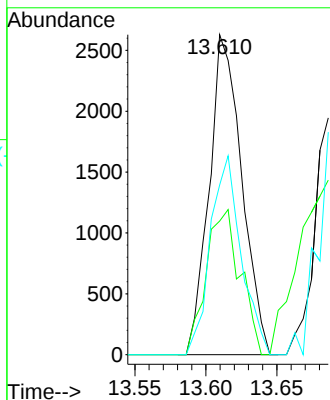
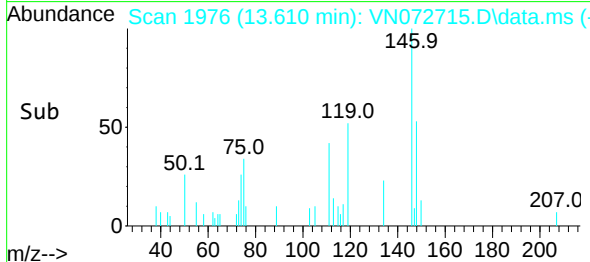
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



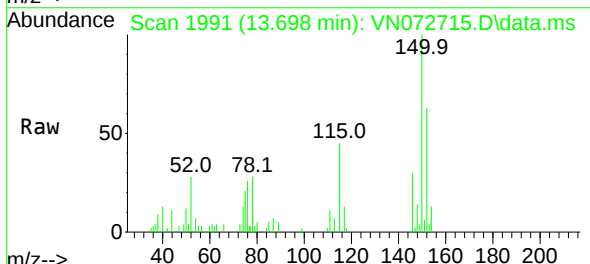
Tgt Ion:146 Resp: 4198
Ion Ratio Lower Upper
146 100
111 47.4 20.0 60.0
148 58.6 32.0 96.0

Manual Integrations
APPROVED

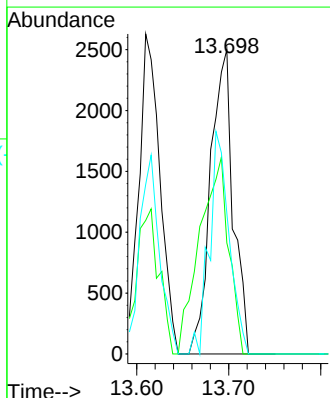
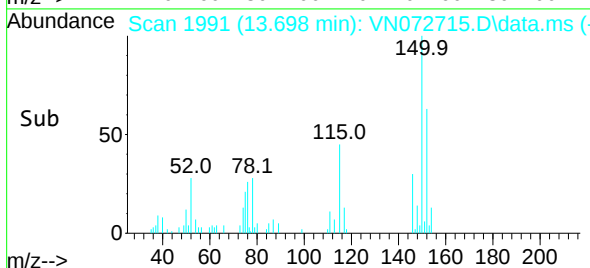
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

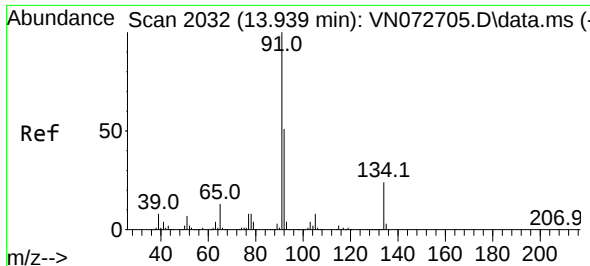


#88
1,4-Dichlorobenzene
Concen: 1.136 ug/l m
RT: 13.698 min Scan# 1991
Delta R.T. 0.006 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09



Tgt Ion:146 Resp: 4258
Ion Ratio Lower Upper
146 100
111 46.7 19.1 57.1
148 57.8 31.4 94.3





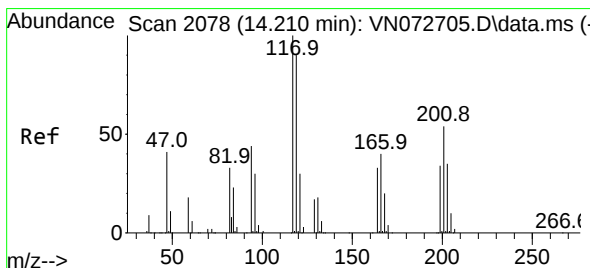
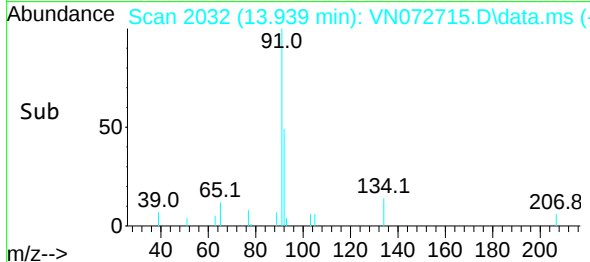
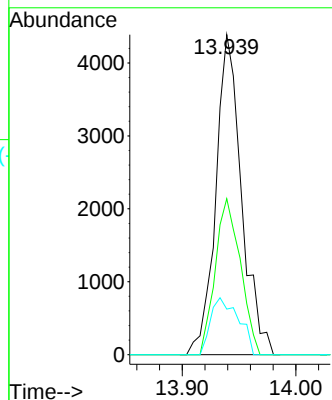
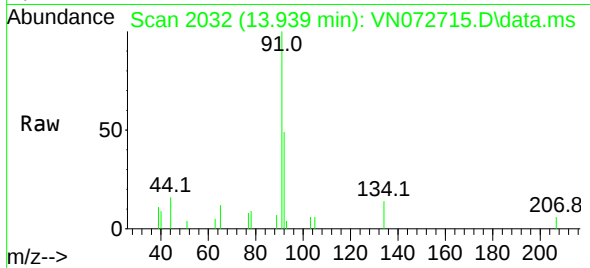
#89
n-Butylbenzene
Concen: 0.972 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022

Tgt Ion	Ratio	Lower	Upper
91	100		
92	47.5	26.9	80.7
134	19.3	13.6	40.8

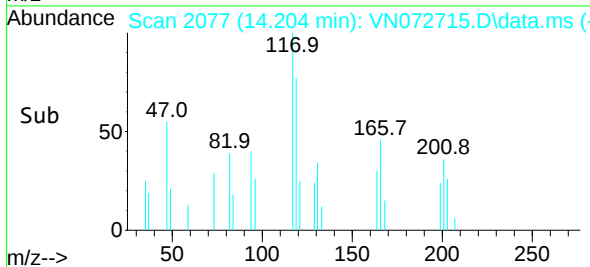
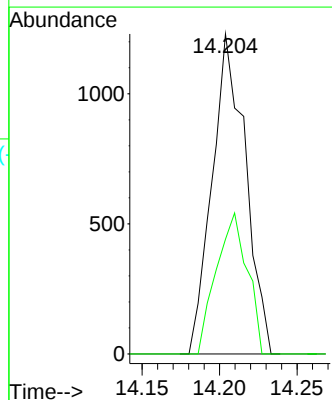
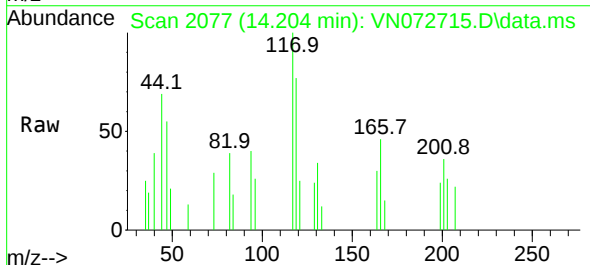
Manual Integrations
APPROVED

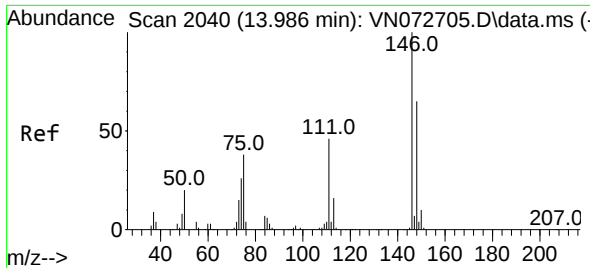
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#90
Hexachloroethane
Concen: 1.004 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.006 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09

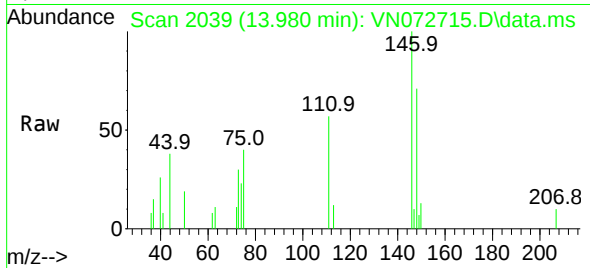
Tgt Ion	Ratio	Lower	Upper
117	100		
201	41.0	40.6	122.0





#91
1,2-Dichlorobenzene
Concen: 1.051 ug/l
RT: 13.980 min Scan# 2040
Delta R.T. -0.006 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09

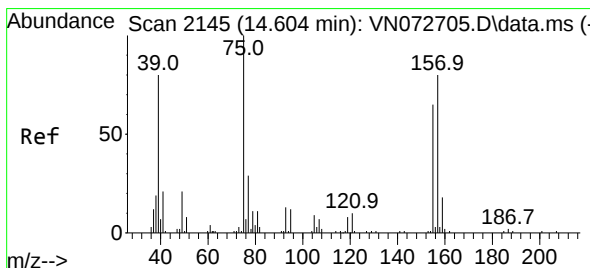
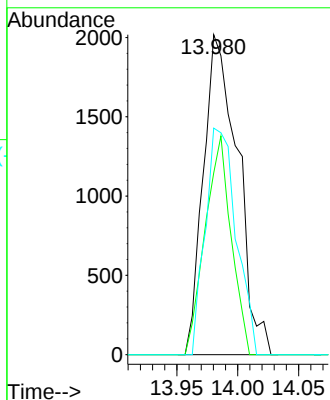
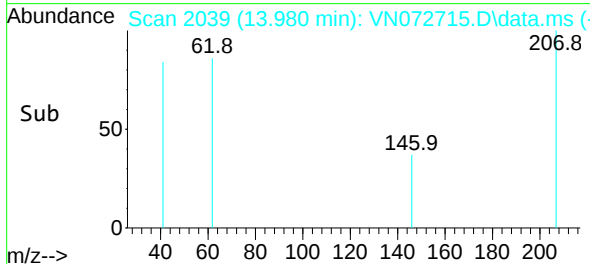
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2022



Tgt Ion:146 Resp: 394.0
Ion Ratio Lower Upper
146 100
111 52.0 20.9 62.8
148 63.7 32.1 96.3

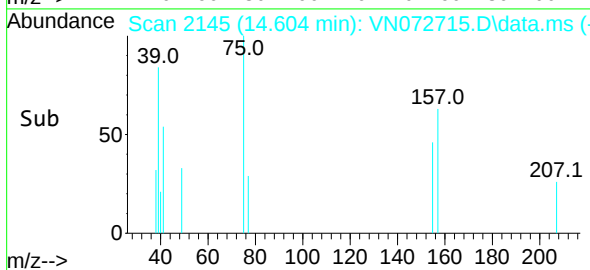
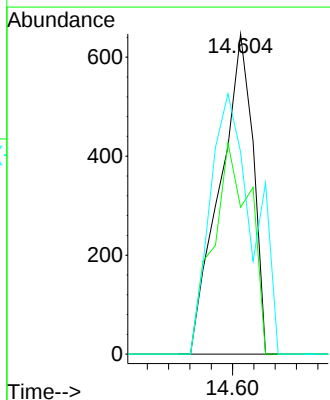
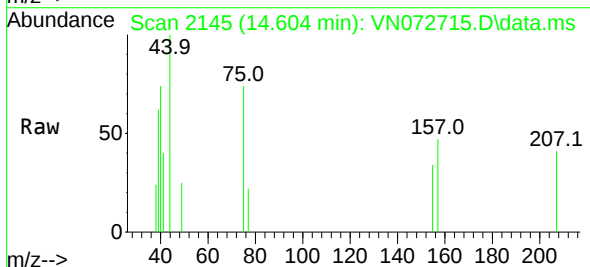
Manual Integrations
APPROVED

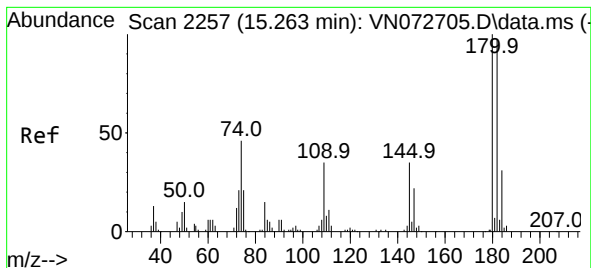
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.724 ug/l
RT: 14.604 min Scan# 2145
Delta R.T. -0.000 min
Lab File: VN072715.D
Acq: 08 Jun 2022 23:09

Tgt Ion: 75 Resp: 694
Ion Ratio Lower Upper
75 100
155 74.6 44.9 134.5
157 105.0 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 0.950 ug/l

RT: 15.263 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN072715.D

Acq: 08 Jun 2022 23:09

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2022

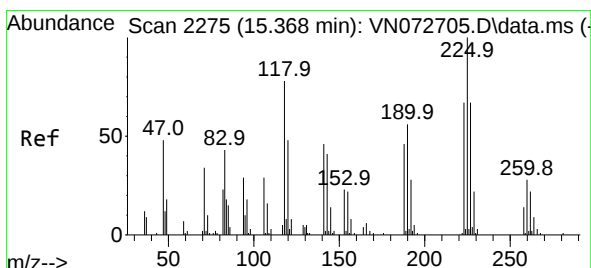
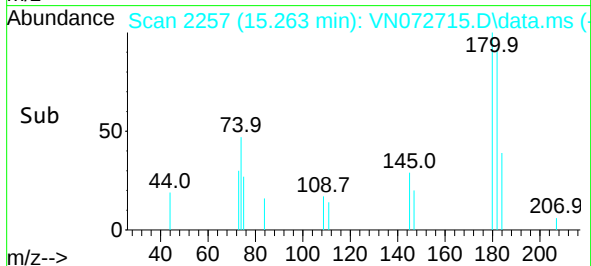
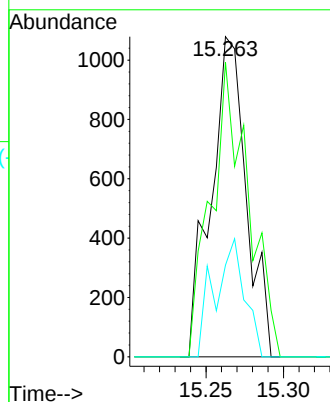
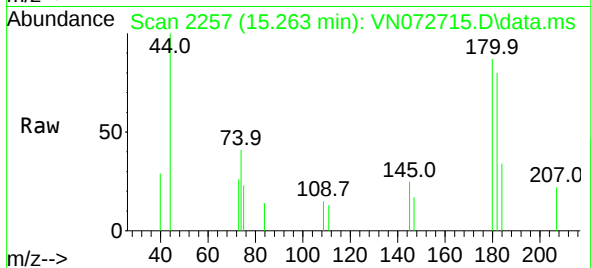
Tgt Ion:180	Resp:	171
Ion Ratio	Lower	Upper
180	100	
182	96.4	47.5 142.5
145	31.2	14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#94

Hexachlorobutadiene

Concen: 0.903 ug/l

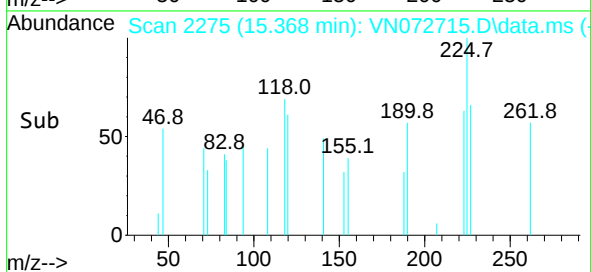
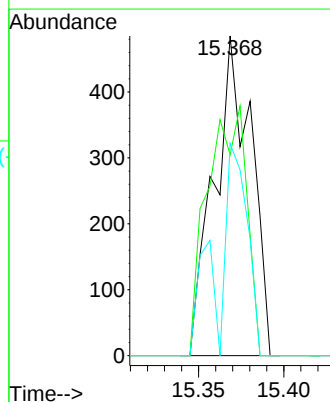
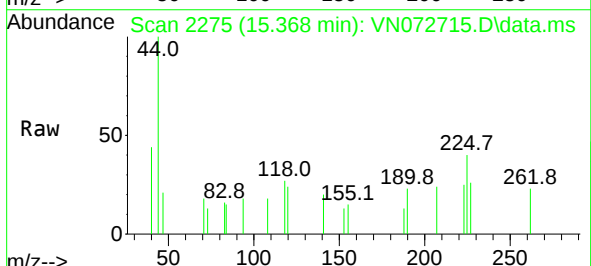
RT: 15.368 min Scan# 2275

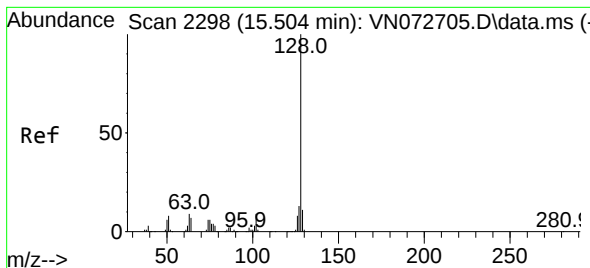
Delta R.T. 0.000 min

Lab File: VN072715.D

Acq: 08 Jun 2022 23:09

Tgt Ion:225	Resp:	730
Ion Ratio	Lower	Upper
225	100	
223	82.5	32.4 97.2
227	53.6	31.8 95.4





#95

Naphthalene

Concen: 1.003 ug/l

RT: 15.510 min Scan# 2299

Delta R.T. 0.006 min

Lab File: VN072715.D

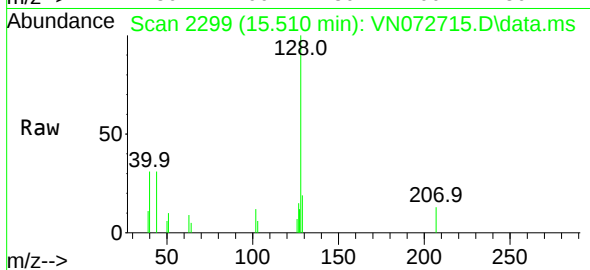
Acq: 08 Jun 2022 23:09

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2022



Tgt Ion:128 Resp: 7020

Ion Ratio Lower Upper

128 100

127 15.5 10.3 15.5

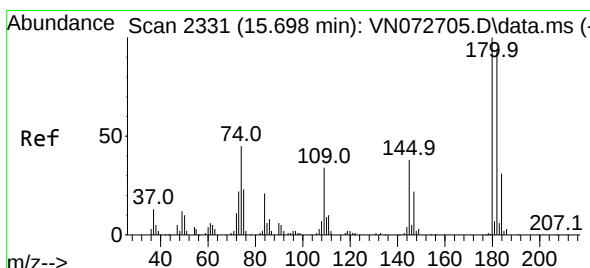
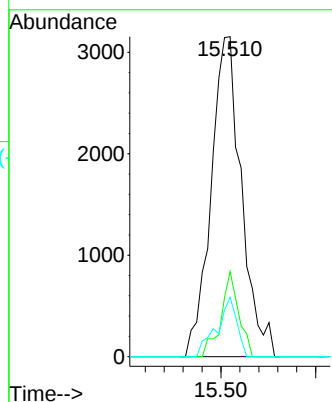
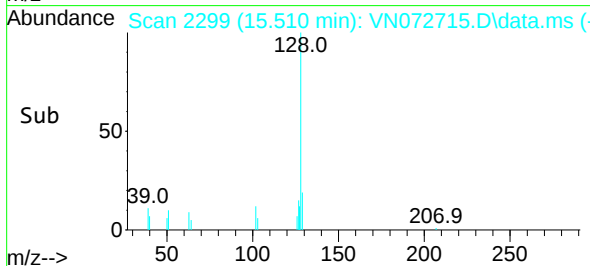
129 12.3 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#96

1,2,3-Trichlorobenzene

Concen: 0.930 ug/l

RT: 15.704 min Scan# 2332

Delta R.T. 0.006 min

Lab File: VN072715.D

Acq: 08 Jun 2022 23:09

Tgt Ion:180 Resp: 1672

Ion Ratio Lower Upper

180 100

182 118.7 47.8 143.3

145 44.5 15.5 46.5

