

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013024\
 Data File : VN080820.D
 Acq On : 30 Jan 2024 17:35
 Operator : JC\MD
 Sample : P1187-08 1.0PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT1-2024

Quant Time: Jan 31 03:14:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/31/2024
 Supervised By : Semsettin Yesilyurt 01/31/2024

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	98873	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	217877	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	182538	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	61676	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	98256	57.444	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.880%			
35) Dibromofluoromethane	8.171	113	69380	52.049	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.100%			
50) Toluene-d8	10.571	98	264326	50.664	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.320%			
62) 4-Bromofluorobenzene	12.847	95	84313	46.375	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.760%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.118	85	1584	1.079	ug/l	83
3) Chloromethane	2.359	50	4170	1.889	ug/l	99
4) Vinyl Chloride	2.506	62	1886	1.124	ug/l	90
5) Bromomethane	2.953	94	1167	1.738	ug/l #	49
6) Chloroethane	3.118	64	2009	2.245	ug/l	99
7) Trichlorofluoromethane	3.512	101	2435	1.121	ug/l #	67
8) Diethyl Ether	3.959	74	1155	1.153	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.359	101	1317	1.040	ug/l #	48
10) Methyl Iodide	4.583	142	1226m	1.147	ug/l	
11) Tert butyl alcohol	5.536	59	1869m	6.703	ug/l	
12) 1,1-Dichloroethene	4.324	96	1698m	1.223	ug/l	
13) Acrolein	4.177	56	2087	5.935	ug/l #	81
14) Allyl chloride	5.030	41	3071	1.119	ug/l #	79
15) Acrylonitrile	5.730	53	4801	5.725	ug/l #	93
16) Acetone	4.436	43	6155	9.922	ug/l	90
17) Carbon Disulfide	4.706	76	4825	1.117	ug/l #	78
18) Methyl Acetate	5.030	43	5624m	2.601	ug/l	
19) Methyl tert-butyl Ether	5.800	73	6306m	1.290	ug/l	
20) Methylene Chloride	5.294	84	2404m	1.476	ug/l	
21) trans-1,2-Dichloroethene	5.783	96	1289	0.855	ug/l #	82
22) Diisopropyl ether	6.677	45	8005	1.323	ug/l #	83
23) Vinyl Acetate	6.612	43	21292	4.862	ug/l	95
24) 1,1-Dichloroethane	6.565	63	3484	1.135	ug/l #	85
25) 2-Butanone	7.494	43	7636	6.481	ug/l #	82
26) 2,2-Dichloropropane	7.500	77	2480m	1.000	ug/l	
27) cis-1,2-Dichloroethene	7.494	96	1743	0.999	ug/l	91
28) Bromochloromethane	7.818	49	1858	1.143	ug/l #	98
29) Tetrahydrofuran	7.847	42	4741	5.946	ug/l #	90
30) Chloroform	7.971	83	3241	1.136	ug/l	91
31) Cyclohexane	8.235	56	7150m	2.438	ug/l	
32) 1,1,1-Trichloroethane	8.165	97	2510	1.085	ug/l #	53
36) 1,1-Dichloropropene	8.365	75	3033	1.224	ug/l #	77
37) Ethyl Acetate	7.571	43	3128	1.226	ug/l #	88
38) Carbon Tetrachloride	8.359	117	1920	0.962	ug/l #	84
39) Methylcyclohexane	9.600	83	2221	0.902	ug/l #	90
40) Benzene	8.606	78	7774	1.068	ug/l #	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	1475	0.981	ug/l #	67
42) 1,2-Dichloroethane	8.665	62	3141	1.324	ug/l	81
43) Isopropyl Acetate	8.688	43	5255	1.132	ug/l #	84
44) Trichloroethene	9.353	130	1871	1.167	ug/l	65
45) 1,2-Dichloropropane	9.618	63	2392	1.214	ug/l #	71
46) Dibromomethane	9.706	93	1220	1.044	ug/l	88
47) Bromodichloromethane	9.888	83	2359	0.995	ug/l #	88
48) Methyl methacrylate	9.676	41	2612	1.160	ug/l #	89
49) 1,4-Dioxane	9.700	88	570	21.021	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	13495	5.199	ug/l	100
52) Toluene	10.635	92	4605	1.103	ug/l	91
53) t-1,3-Dichloropropene	10.841	75	2642	0.956	ug/l	94
54) cis-1,3-Dichloropropene	10.318	75	2977	0.991	ug/l #	86
55) 1,1,2-Trichloroethane	11.018	97	1816	1.132	ug/l #	69
56) Ethyl methacrylate	10.882	69	2096	0.850	ug/l	94
57) 1,3-Dichloropropane	11.165	76	3287	1.088	ug/l	95
58) 2-Chloroethyl Vinyl ether	10.165	63	6567	4.567	ug/l	99
59) 2-Hexanone	11.194	43	10120	5.019	ug/l	92
60) Dibromochloromethane	11.359	129	1707	1.144	ug/l	96
61) 1,2-Dibromoethane	11.470	107	1387	0.922	ug/l	100
64) Tetrachloroethene	11.106	164	1052	0.877	ug/l #	86
65) Chlorobenzene	11.888	112	3917	0.983	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.965	131	1654	1.277	ug/l #	48
67) Ethyl Benzene	11.965	91	6477	0.875	ug/l	96
68) m/p-Xylenes	12.076	106	5124	1.949	ug/l	97
69) o-Xylene	12.406	106	2635	1.008	ug/l	95
70) Styrene	12.412	104	3198	0.762	ug/l	93
71) Bromoform	12.588	173	758	0.865	ug/l #	90
73) Isopropylbenzene	12.700	105	5991	1.061	ug/l	97
74) N-amyl acetate	12.494	43	4046	1.154	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	2379	1.197	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	2014m	1.083	ug/l	
77) Bromobenzene	12.970	156	1269	1.051	ug/l	80
78) n-propylbenzene	13.041	91	7450	1.104	ug/l	99
79) 2-Chlorotoluene	13.129	91	4604	1.074	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	4894	1.088	ug/l	81
81) trans-1,4-Dichloro-2-b...	12.741	75	552m	0.764	ug/l	
82) 4-Chlorotoluene	13.223	91	5202	1.225	ug/l	83
83) tert-Butylbenzene	13.441	119	3920	1.091	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	4655	1.021	ug/l	78
85) sec-Butylbenzene	13.612	105	6201	1.171	ug/l	96
86) p-Isopropyltoluene	13.735	119	4223	1.026	ug/l	96
87) 1,3-Dichlorobenzene	13.741	146	2635	1.220	ug/l	93
88) 1,4-Dichlorobenzene	13.817	146	2075m	0.958	ug/l	
89) n-Butylbenzene	14.059	91	4429	1.100	ug/l	89
90) Hexachloroethane	14.347	117	492	0.683	ug/l	93
91) 1,2-Dichlorobenzene	14.111	146	2590	1.310	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.729	75	290	0.781	ug/l #	33
93) 1,2,4-Trichlorobenzene	15.382	180	770	0.757	ug/l #	28
94) Hexachlorobutadiene	15.506	225	551	1.240	ug/l #	23
95) Naphthalene	15.635	128	3250	0.835	ug/l #	83
96) 1,2,3-Trichlorobenzene	15.835	180	1169m	1.169	ug/l	

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LOQ-WATER-02-QT1-2024

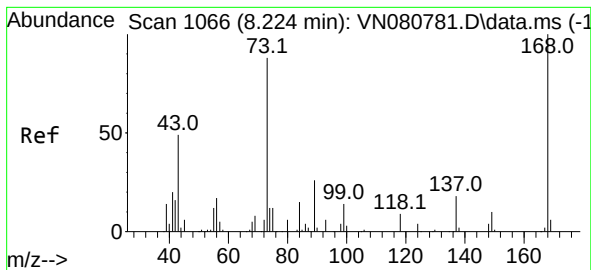
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 01/31/2024

Quant Time: Jan 31 03:14:33 2024
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Quant Title : SW846 8260
QLast Update : Mon Jan 29 12:54:23 2024
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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: 8.230 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VN080820.D

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Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion:168 Resp: 9887

Ion Ratio Lower Upper

168 100

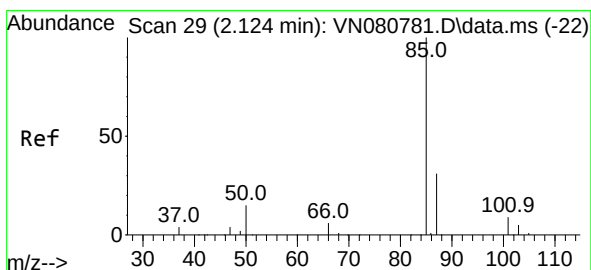
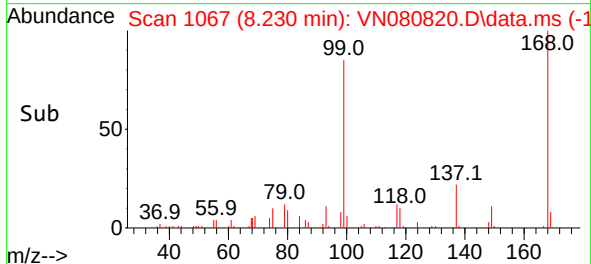
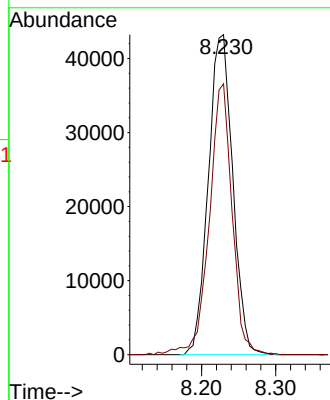
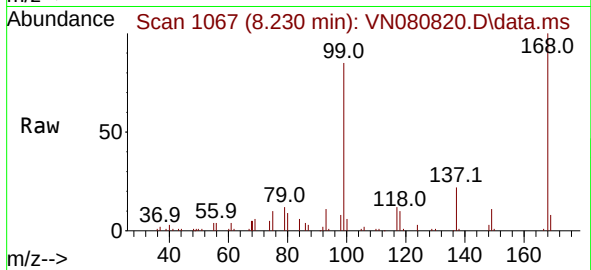
99 84.7 59.9 89.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#2

Dichlorodifluoromethane

Concen: 1.079 ug/l

RT: 2.118 min Scan# 28

Delta R.T. -0.006 min

Lab File: VN080820.D

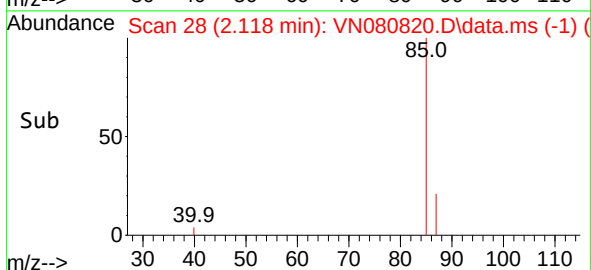
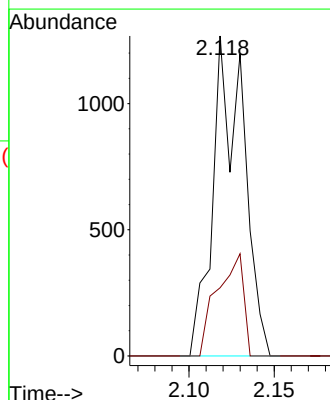
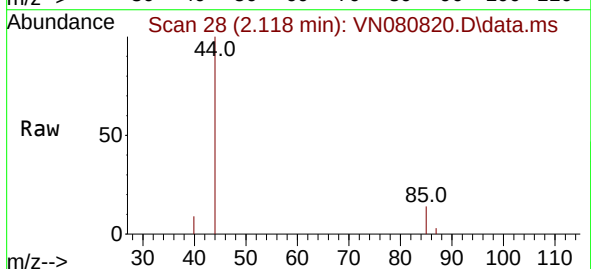
Acq: 30 Jan 2024 17:35

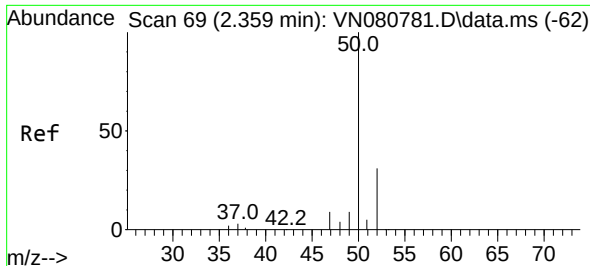
Tgt Ion: 85 Resp: 1584

Ion Ratio Lower Upper

85 100

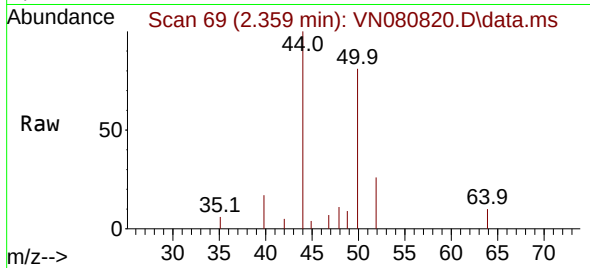
87 21.3 15.3 45.9





#3
Chloromethane
Concen: 1.889 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN080820.D
Acq: 30 Jan 2024 17:35

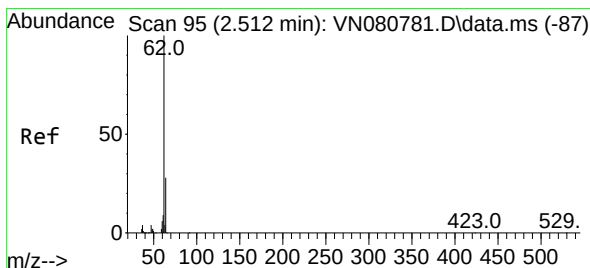
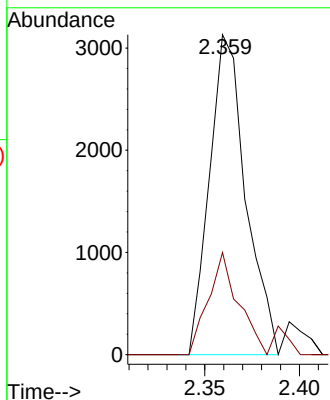
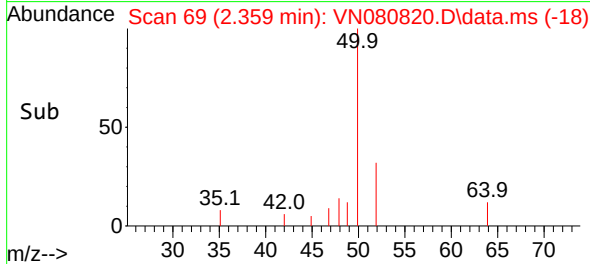
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 50 Resp: 4170
Ion Ratio Lower Upper
50 100
52 31.9 25.0 37.4

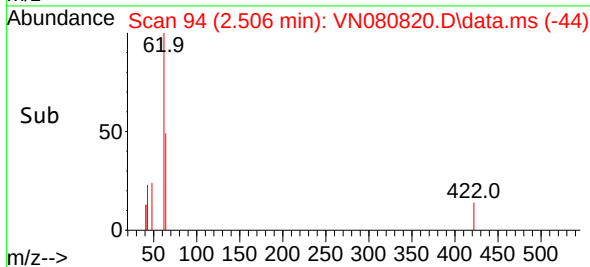
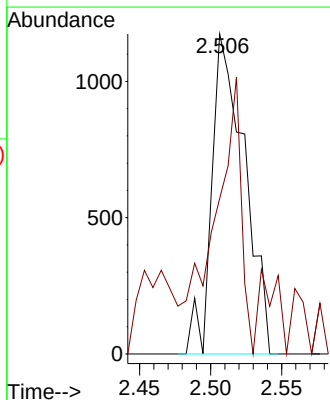
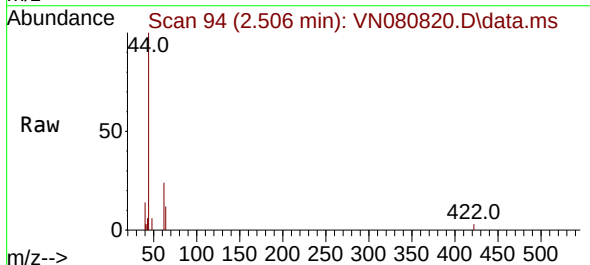
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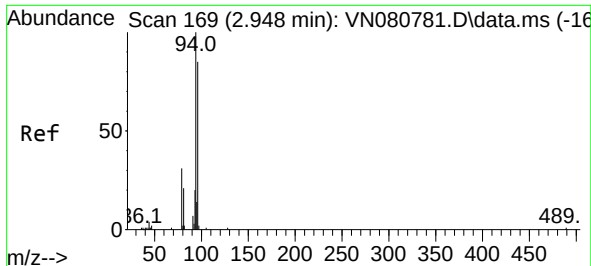
Reviewed By :John Carlone 01/31/2024
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#4
Vinyl Chloride
Concen: 1.124 ug/l
RT: 2.506 min Scan# 94
Delta R.T. -0.006 min
Lab File: VN080820.D
Acq: 30 Jan 2024 17:35

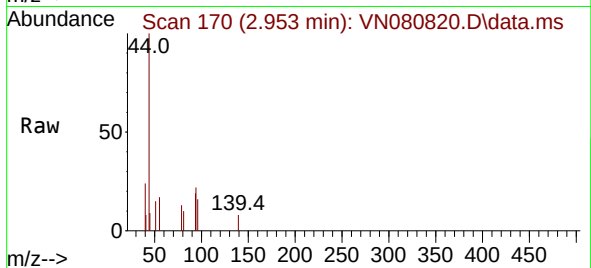
Tgt Ion: 62 Resp: 1886
Ion Ratio Lower Upper
62 100
64 33.6 22.7 34.1





#5
Bromomethane
Concen: 1.738 ug/l
RT: 2.953 min Scan# 116
Delta R.T. 0.006 min
Lab File: VN080820.D
Acq: 30 Jan 2024 17:35

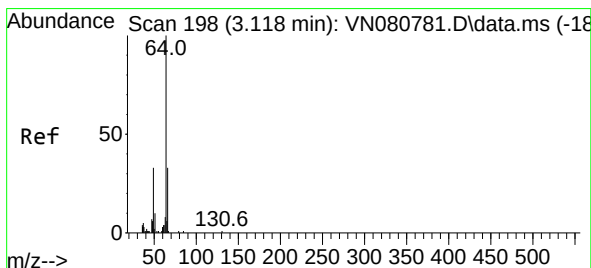
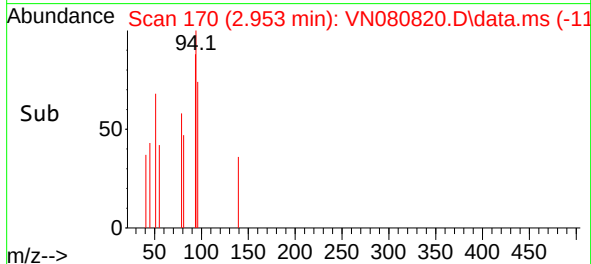
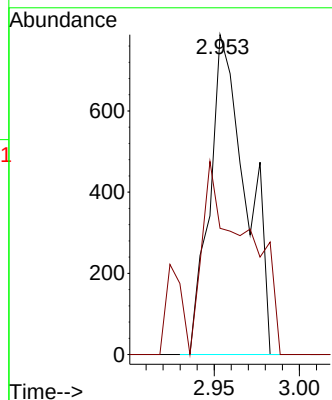
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Tgt Ion: 94 Resp: 116
Ion Ratio Lower Upper
94 100
96 39.5 69.2 103.8

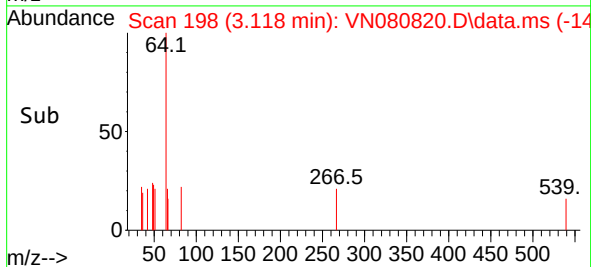
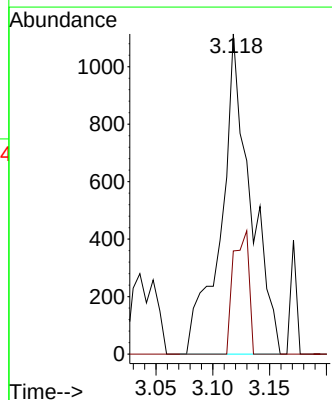
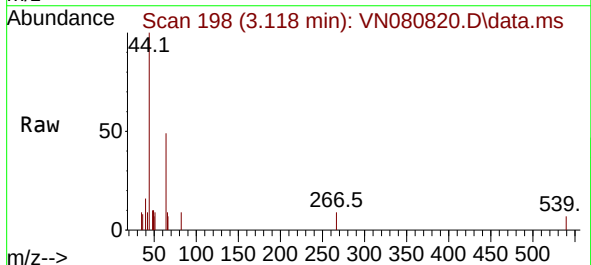
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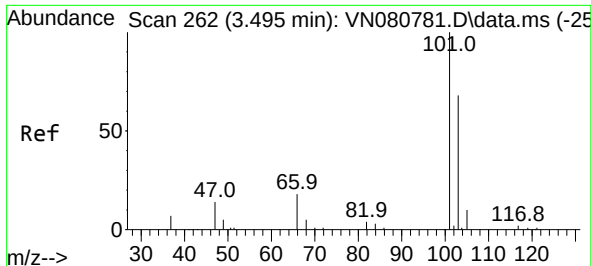
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#6
Chloroethane
Concen: 2.245 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN080820.D
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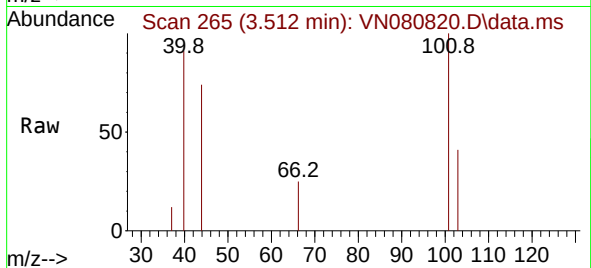
Tgt Ion: 64 Resp: 2009
Ion Ratio Lower Upper
64 100
66 32.2 26.4 39.6





#7
Trichlorofluoromethane
Concen: 1.121 ug/l
RT: 3.512 min Scan# 265
Delta R.T. 0.018 min
Lab File: VN080820.D
Acq: 30 Jan 2024 17:35

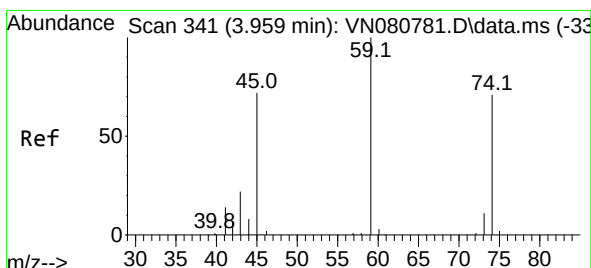
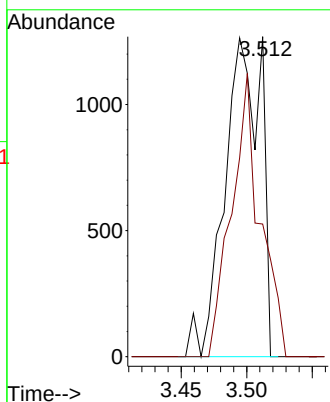
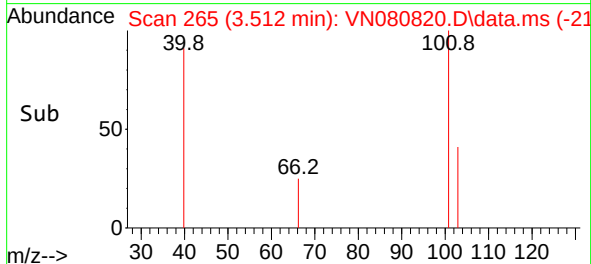
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion:101 Resp: 243
Ion Ratio Lower Upper
101 100
103 41.4 54.4 81.6

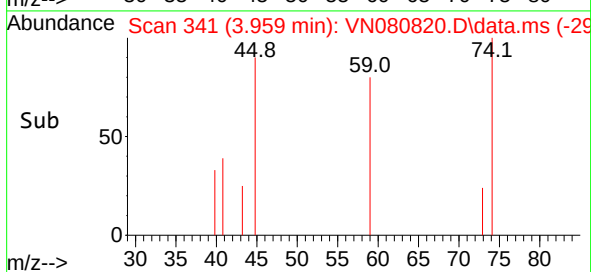
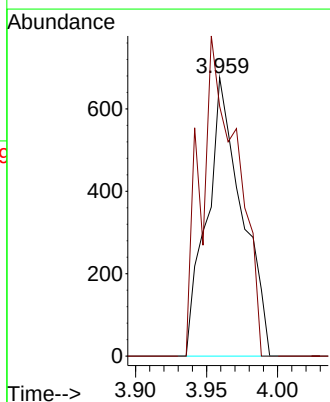
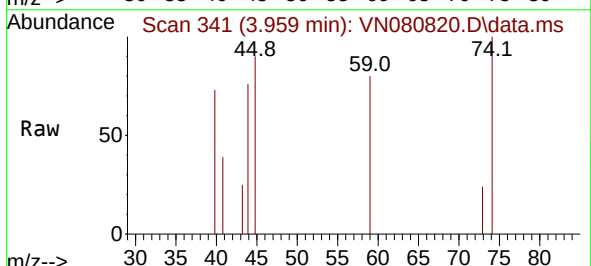
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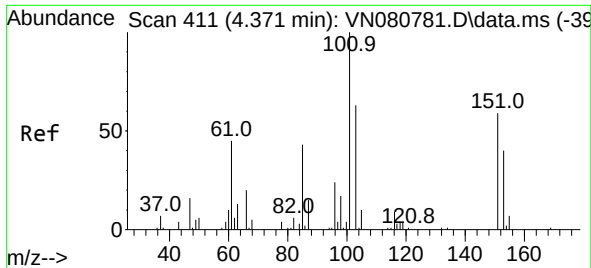
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#8
Diethyl Ether
Concen: 1.153 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN080820.D
Acq: 30 Jan 2024 17:35

Tgt Ion: 74 Resp: 1155
Ion Ratio Lower Upper
74 100
45 120.3 53.3 159.9





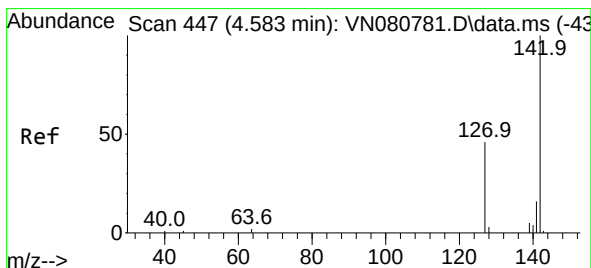
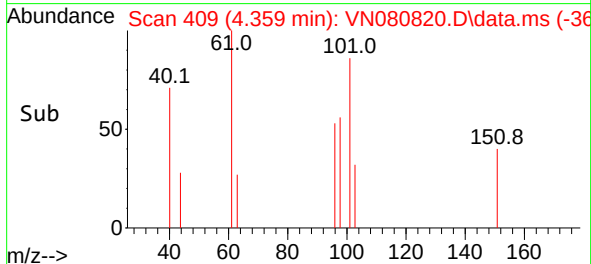
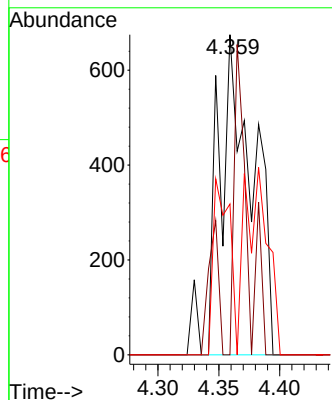
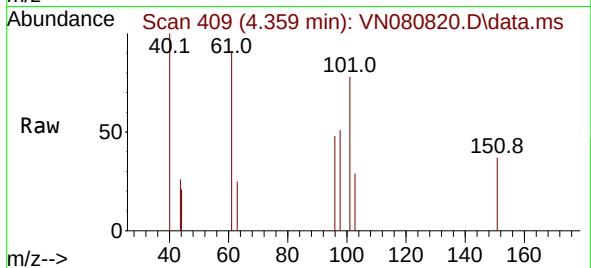
#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.040 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.012 min
Lab File: VN080820.D
Acq: 30 Jan 2024 17:35

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024

Tgt Ion:101 Resp: 131
Ion Ratio Lower Upper
101 100
85 37.0 38.1 57.1#
151 0.0 49.1 73.7#

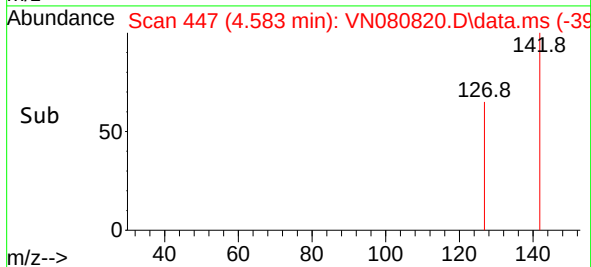
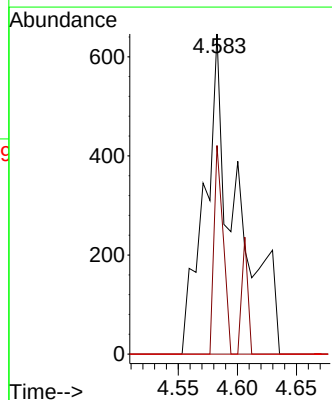
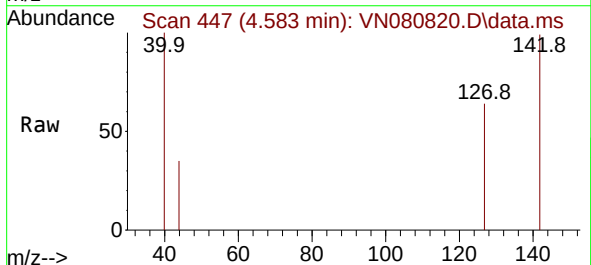
Manual Integrations
APPROVED

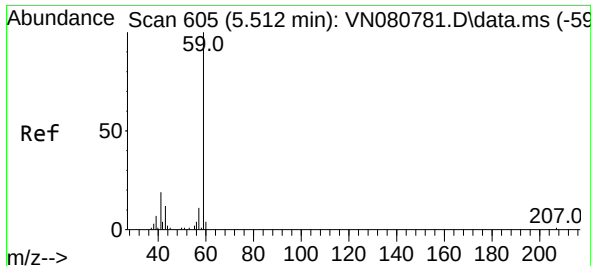
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#10
Methyl Iodide
Concen: 1.147 ug/l m
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN080820.D
Acq: 30 Jan 2024 17:35

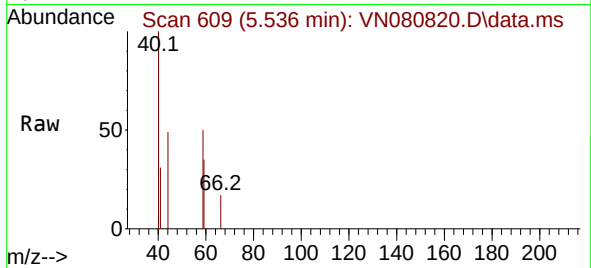
Tgt Ion:142 Resp: 1226
Ion Ratio Lower Upper
142 100
127 65.2 37.0 55.4#
141 0.0 12.5 18.7#





#11
Tert butyl alcohol
Concen: 6.703 ug/l m
RT: 5.536 min Scan# 609
Delta R.T. 0.024 min
Lab File: VN080820.D
Acq: 30 Jan 2024 17:35

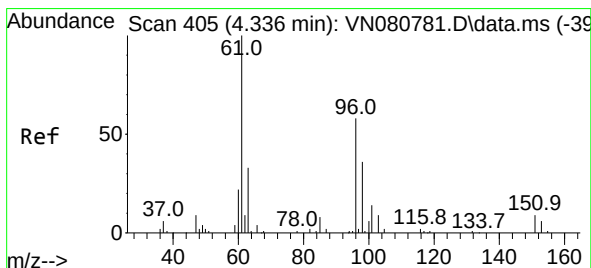
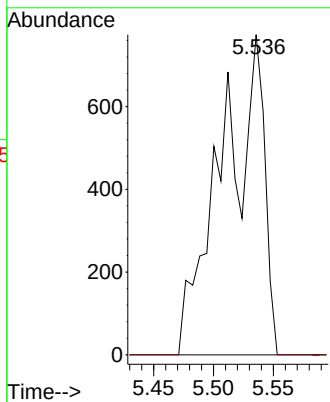
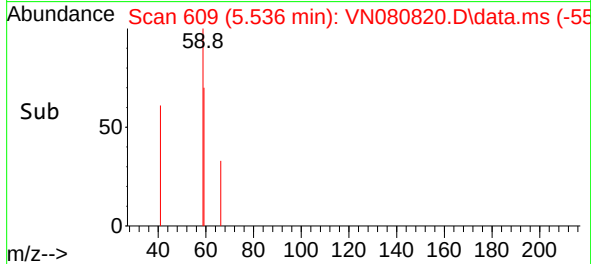
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024



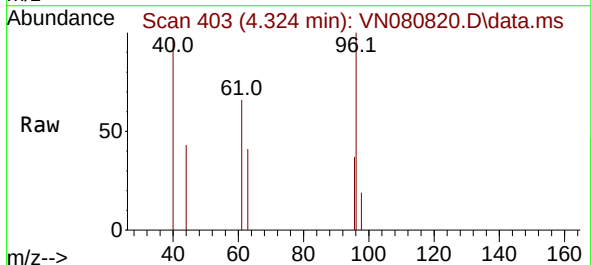
Tgt Ion: 59 Resp: 1869
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8

Manual Integrations
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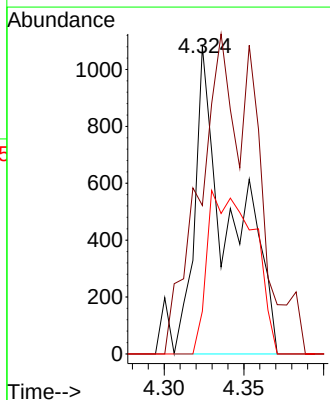
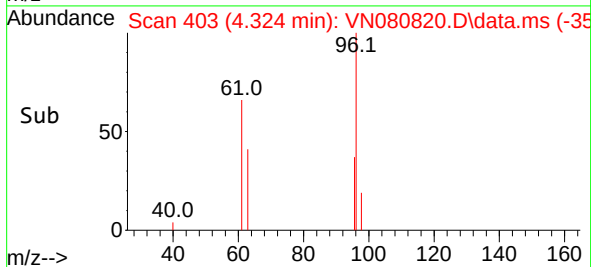
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

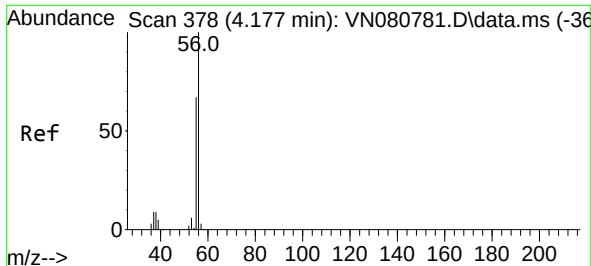


#12
1,1-Dichloroethene
Concen: 1.223 ug/l m
RT: 4.324 min Scan# 403
Delta R.T. -0.012 min
Lab File: VN080820.D
Acq: 30 Jan 2024 17:35



Tgt Ion: 96 Resp: 1698
Ion Ratio Lower Upper
96 100
61 66.2 138.2 207.4#
98 19.0 49.2 73.8#





#13

Acrolein

Concen: 5.935 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN080820.D

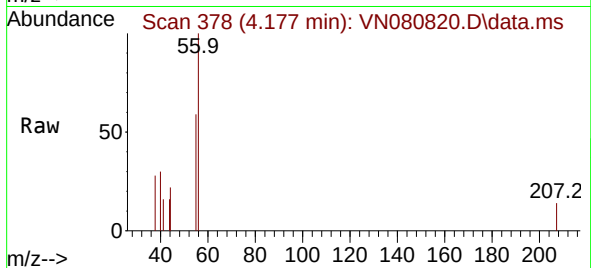
Acq: 30 Jan 2024 17:35

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2024



Tgt Ion: 56 Resp: 208

Ion Ratio Lower Upper

56 100

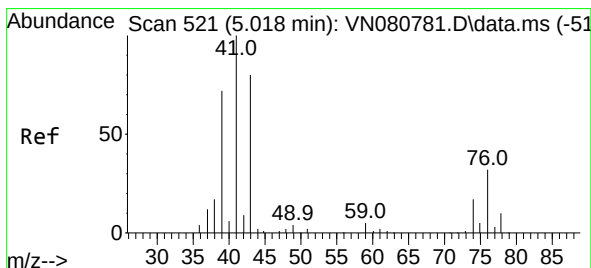
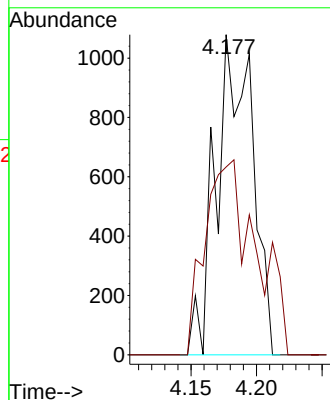
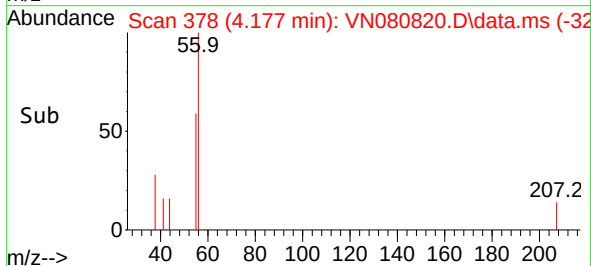
55 84.9 55.3 82.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#14

Allyl chloride

Concen: 1.119 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.012 min

Lab File: VN080820.D

Acq: 30 Jan 2024 17:35

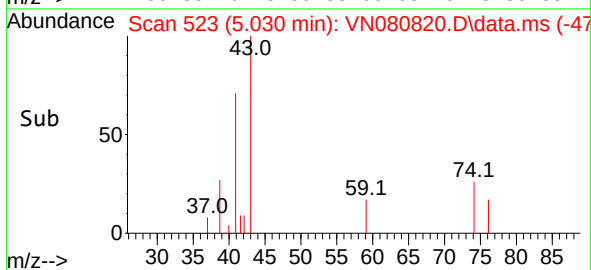
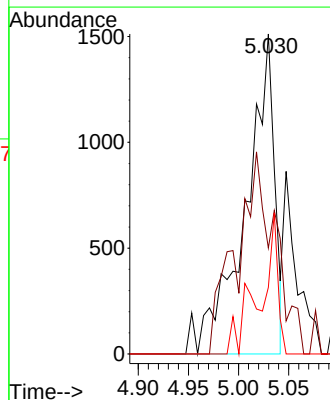
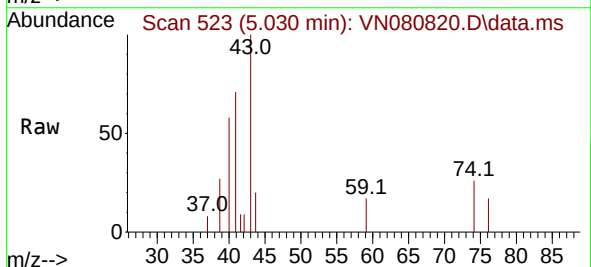
Tgt Ion: 41 Resp: 3071

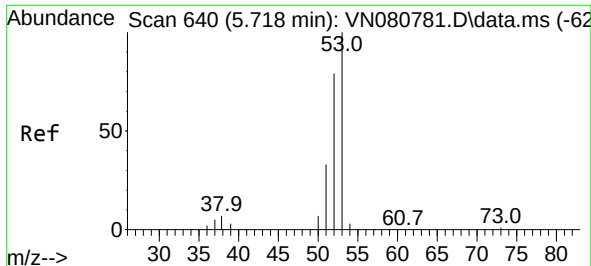
Ion Ratio Lower Upper

41 100

39 83.5 57.7 86.5

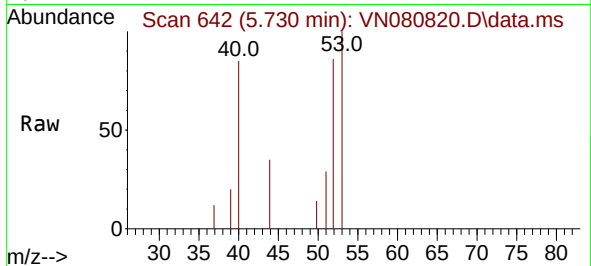
76 13.2 26.8 40.2





#15
Acrylonitrile
Concen: 5.725 ug/l
RT: 5.730 min Scan# 640
Delta R.T. 0.012 min
Lab File: VN080820.D
Acq: 30 Jan 2024 17:35

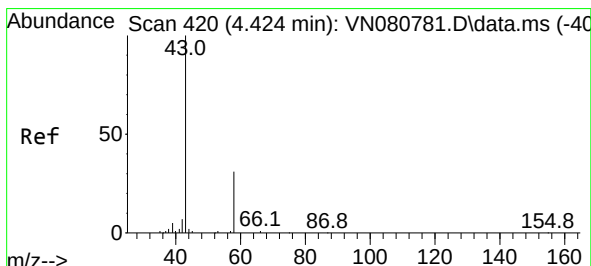
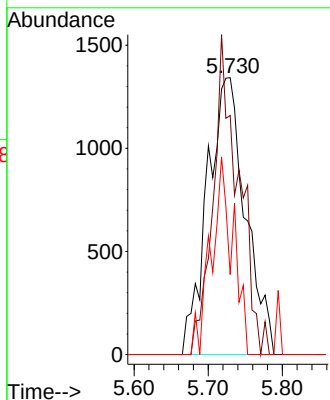
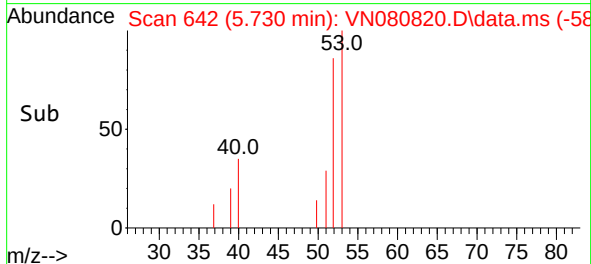
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 53 Resp: 480
Ion Ratio Lower Upper
53 100
52 77.4 64.8 97.2
51 40.9 26.9 40.3

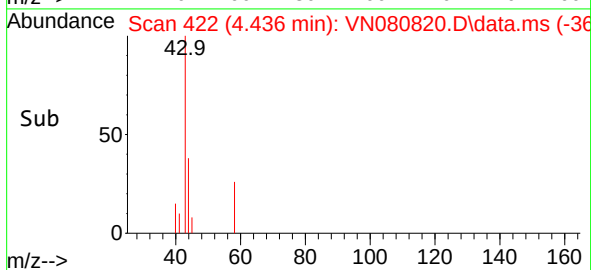
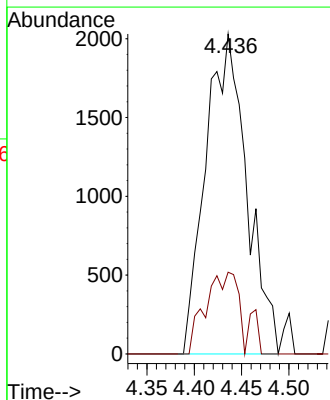
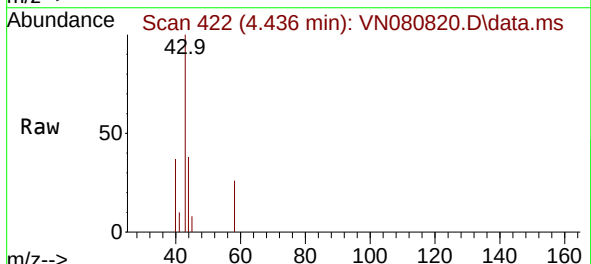
Manual Integrations
APPROVED

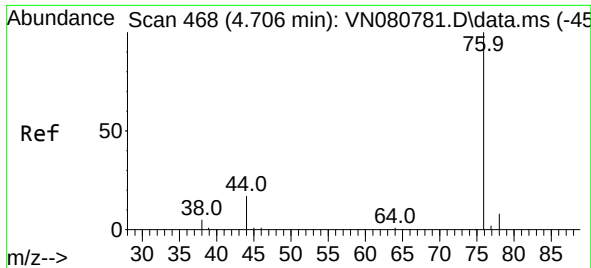
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#16
Acetone
Concen: 9.922 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN080820.D
Acq: 30 Jan 2024 17:35

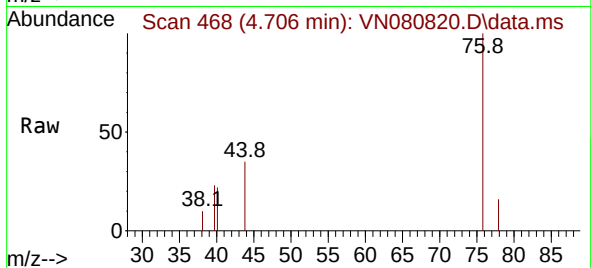
Tgt Ion: 43 Resp: 6155
Ion Ratio Lower Upper
43 100
58 25.6 24.8 37.2





#17
Carbon Disulfide
Concen: 1.117 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.000 min
Lab File: VN080820.D
Acq: 30 Jan 2024 17:35

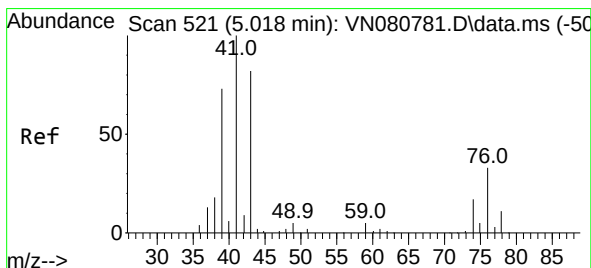
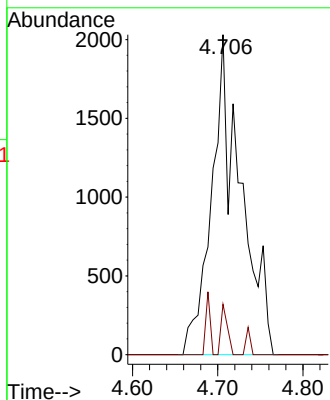
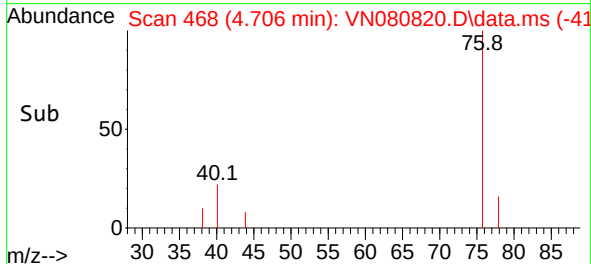
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT1-2024



Tgt Ion: 76 Resp: 4829
Ion Ratio Lower Upper
76 100
78 15.8 6.3 9.5

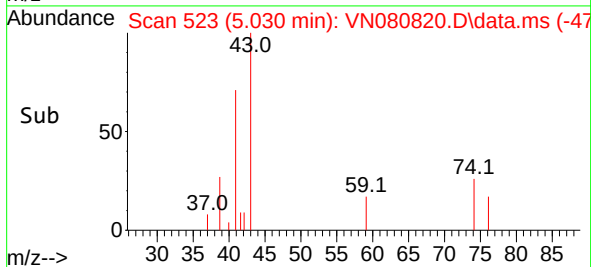
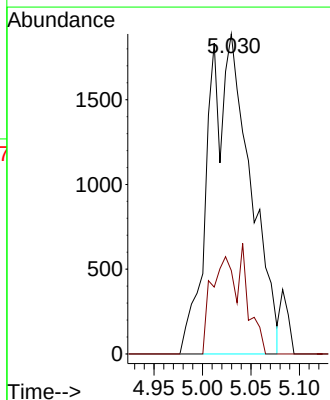
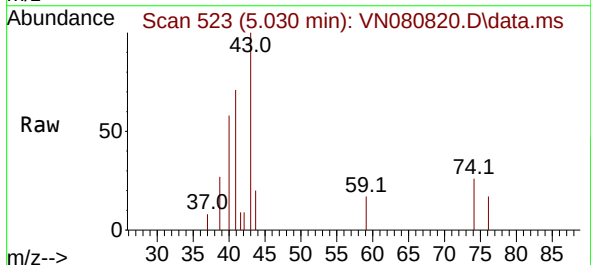
Manual Integrations
APPROVED

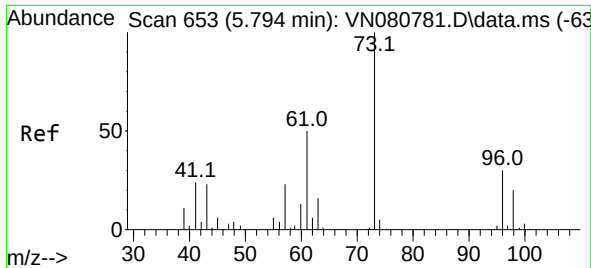
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#18
Methyl Acetate
Concen: 2.601 ug/l m
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN080820.D
Acq: 30 Jan 2024 17:35

Tgt Ion: 43 Resp: 5624
Ion Ratio Lower Upper
43 100
74 0.0 17.3 25.9





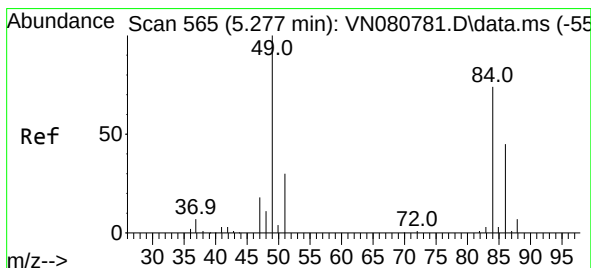
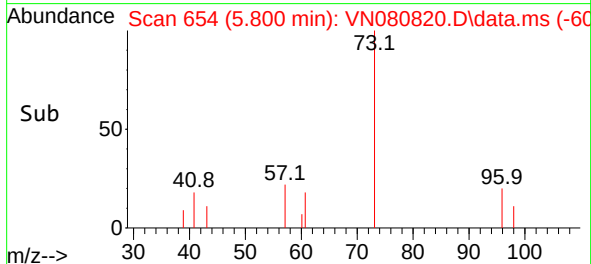
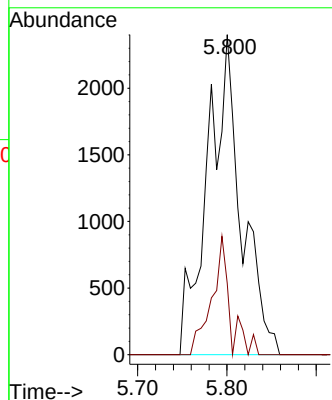
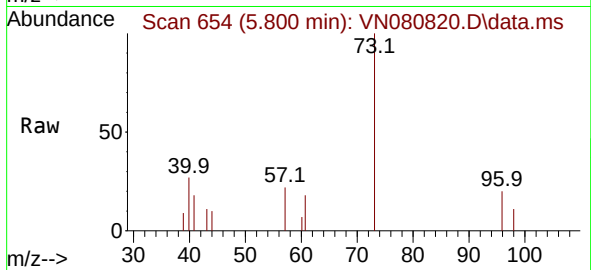
#19
Methyl tert-butyl Ether
Concen: 1.290 ug/l m
RT: 5.800 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN080820.D
Acq: 30 Jan 2024 17:35

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024

Tgt Ion: 73 Resp: 6300
Ion Ratio Lower Upper
73 100
57 22.3 18.2 27.4

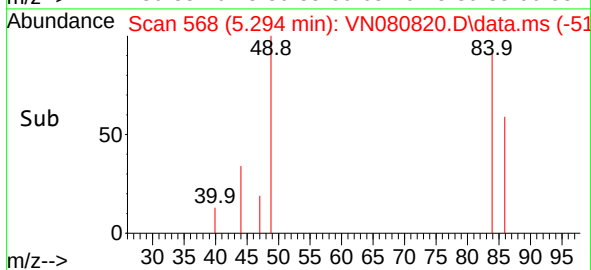
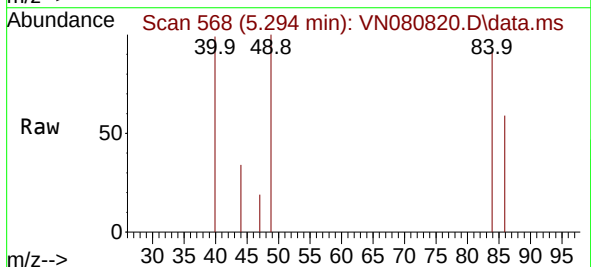
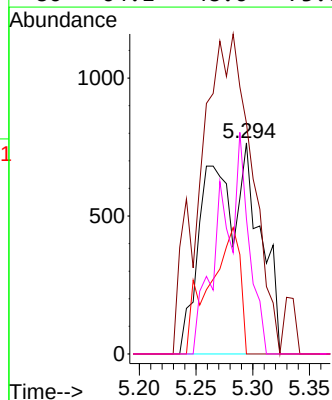
Manual Integrations
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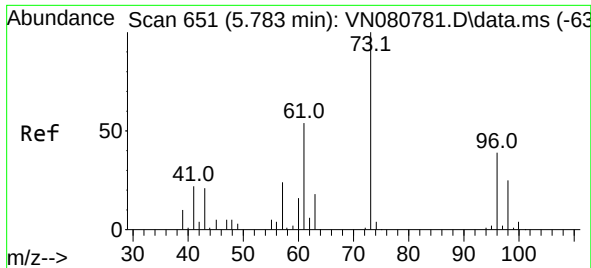
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#20
Methylene Chloride
Concen: 1.476 ug/l m
RT: 5.294 min Scan# 568
Delta R.T. 0.018 min
Lab File: VN080820.D
Acq: 30 Jan 2024 17:35

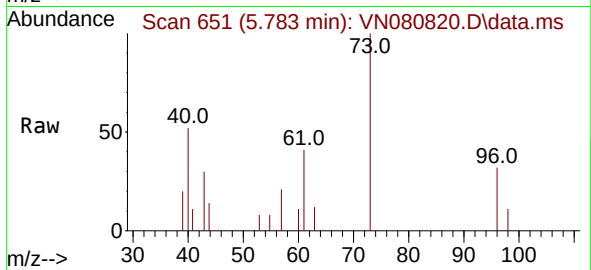
Tgt Ion: 84 Resp: 2404
Ion Ratio Lower Upper
84 100
49 109.4 108.1 162.1
51 0.0 32.9 49.3#
86 64.1 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 0.855 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN080820.D
Acq: 30 Jan 2024 17:35

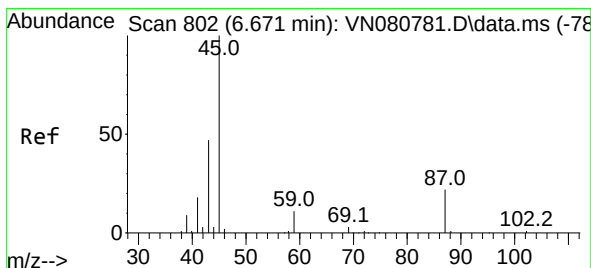
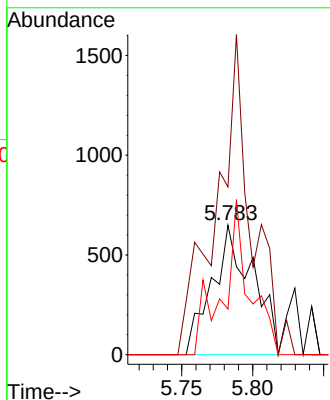
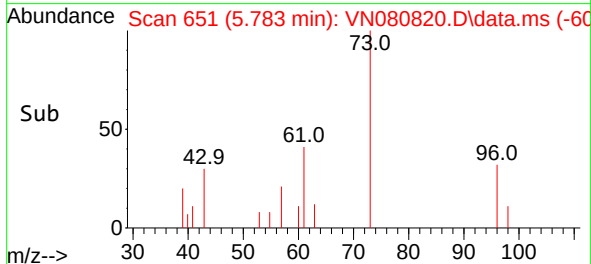
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 96 Resp: 1289
Ion Ratio Lower Upper
96 100
61 129.6 112.8 169.2
98 35.3 51.0 76.4

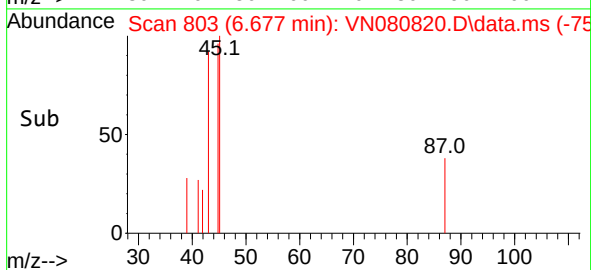
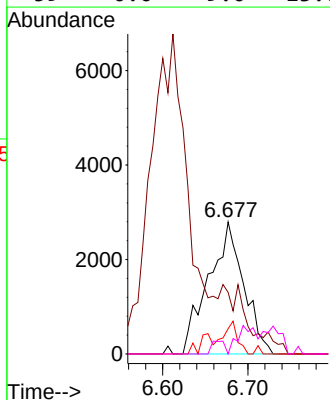
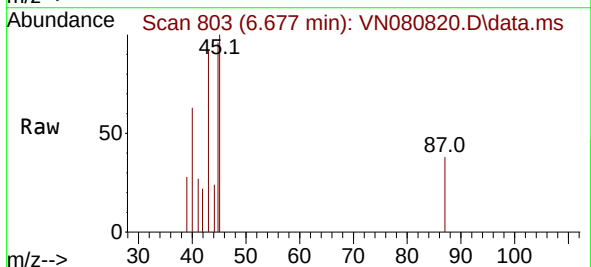
Manual Integrations
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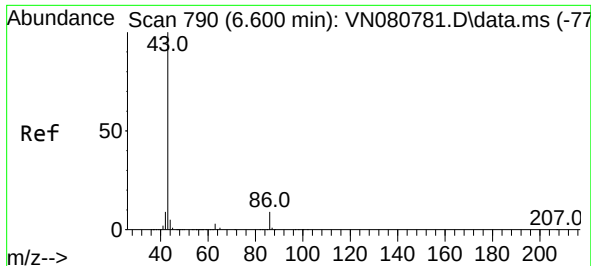
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#22
Diisopropyl ether
Concen: 1.323 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN080820.D
Acq: 30 Jan 2024 17:35

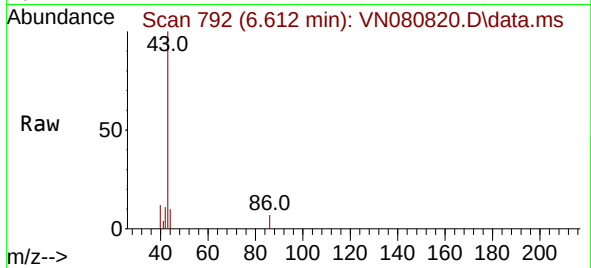
Tgt Ion: 45 Resp: 8005
Ion Ratio Lower Upper
45 100
43 39.5 41.8 62.8#
87 19.2 18.1 27.1
59 0.0 9.0 13.6#





#23
 Vinyl Acetate
 Concen: 4.862 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.012 min
 Lab File: VN080820.D
 Acq: 30 Jan 2024 17:35

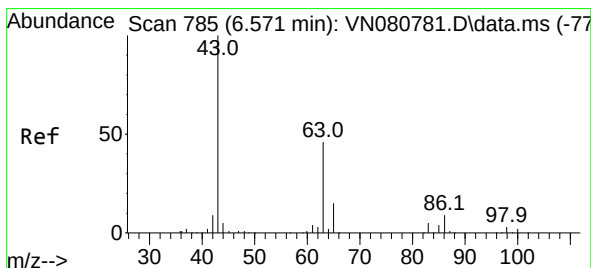
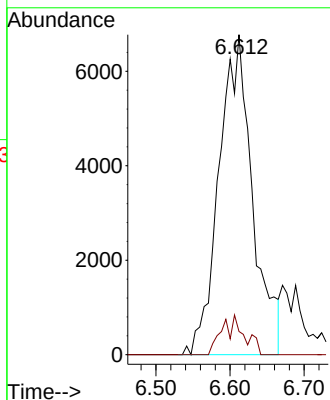
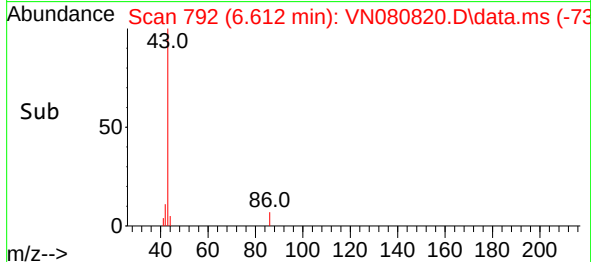
Instrument : MSVOA_N
 ClientSampleId : LOQ-WATER-02-QT1-2024



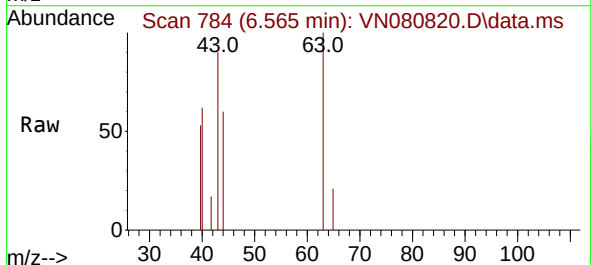
Tgt Ion: 43 Resp: 2129
 Ion Ratio Lower Upper
 43 100
 86 7.3 7.1 10.7

Manual Integrations
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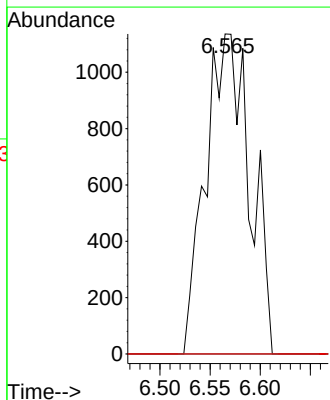
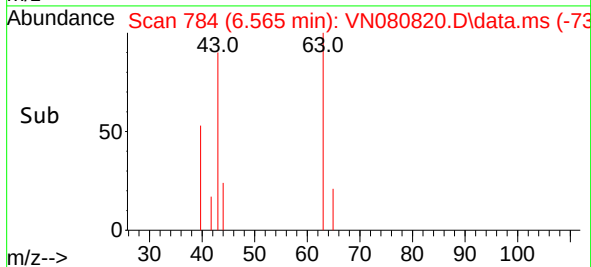
Reviewed By :John Carlone 01/31/2024
 Supervised By :Semsettin Yesilyurt 01/31/2024

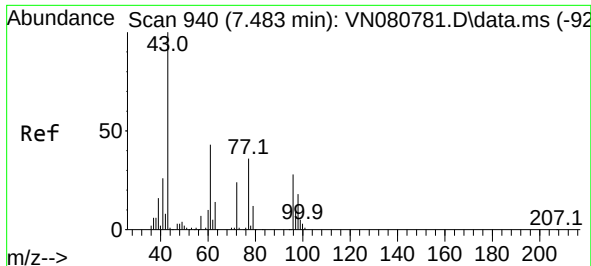


#24
 1,1-Dichloroethane
 Concen: 1.135 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN080820.D
 Acq: 30 Jan 2024 17:35



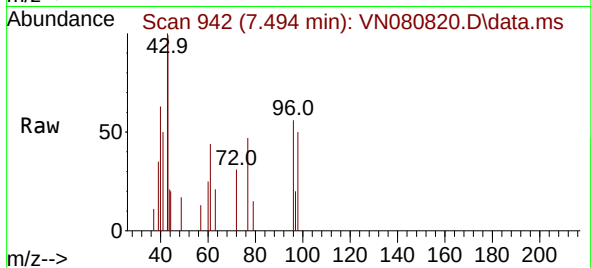
Tgt Ion: 63 Resp: 3484
 Ion Ratio Lower Upper
 63 100
 98 0.0 2.9 8.6#
 100 0.0 1.9 5.7#





#25
2-Butanone
Concen: 6.481 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN080820.D
Acq: 30 Jan 2024 17:35

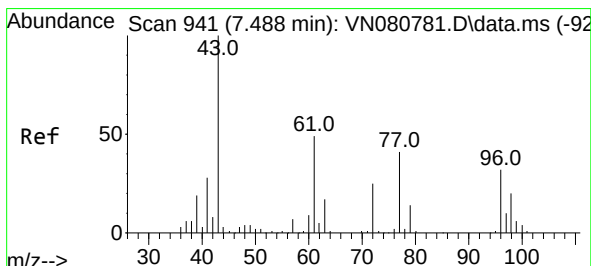
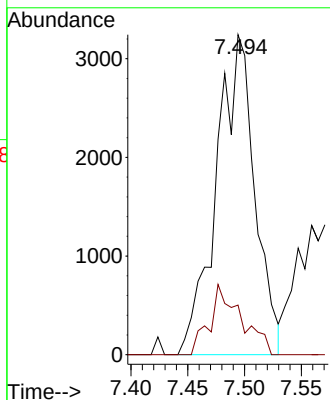
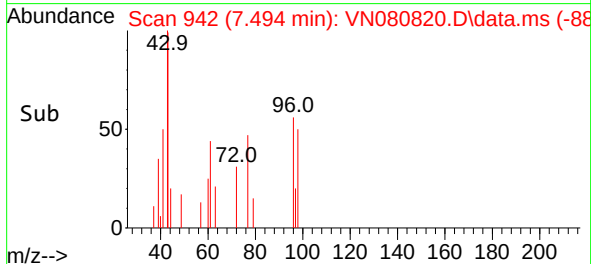
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT1-2024



Tgt Ion: 43 Resp: 7630
Ion Ratio Lower Upper
43 100
72 15.5 19.5 29.3

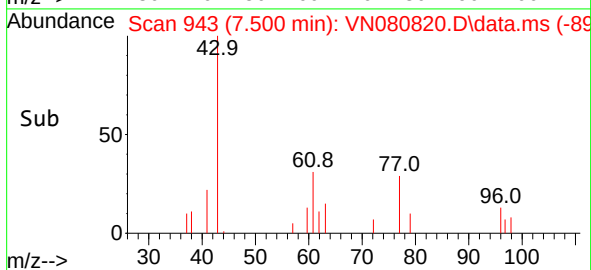
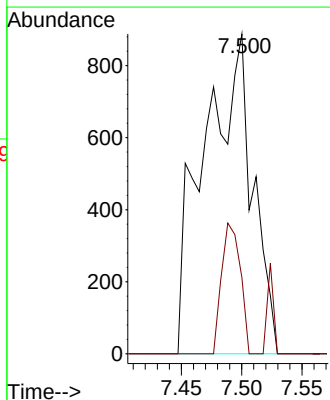
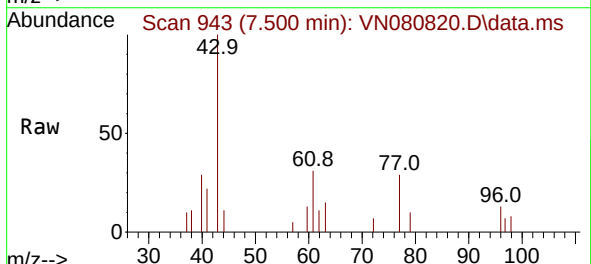
Manual Integrations
APPROVED

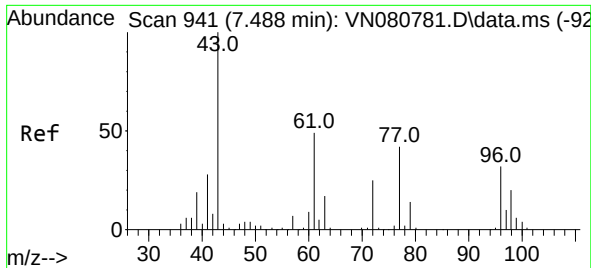
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#26
2,2-Dichloropropane
Concen: 1.000 ug/l m
RT: 7.500 min Scan# 943
Delta R.T. 0.012 min
Lab File: VN080820.D
Acq: 30 Jan 2024 17:35

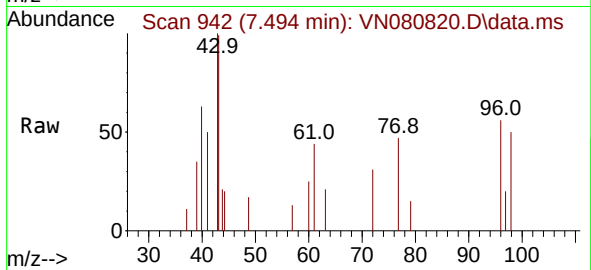
Tgt Ion: 77 Resp: 2480
Ion Ratio Lower Upper
77 100
97 15.8 11.5 34.5





#27
cis-1,2-Dichloroethene
Concen: 0.999 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN080820.D
Acq: 30 Jan 2024 17:35

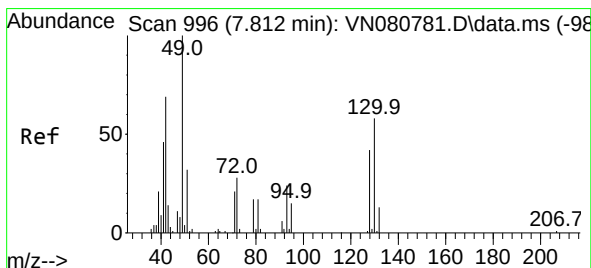
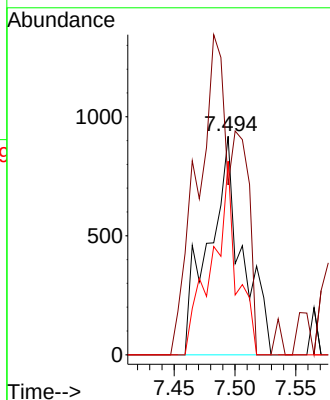
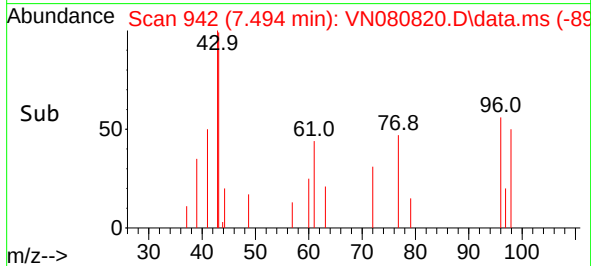
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 96 Resp: 174.3
Ion Ratio Lower Upper
96 100
61 178.5 0.0 325.4
98 65.4 0.0 130.4

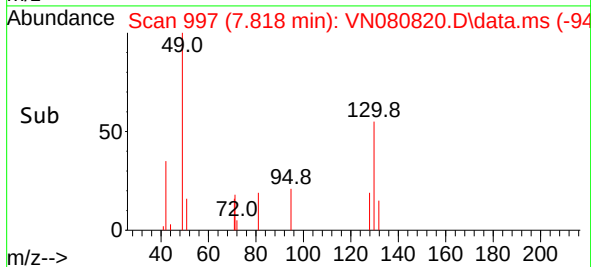
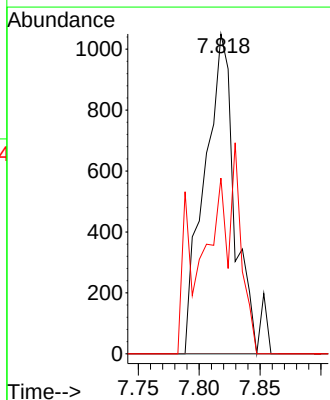
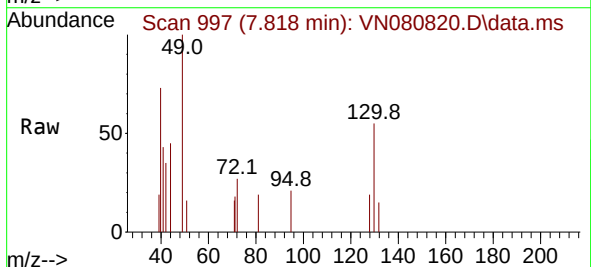
Manual Integrations
APPROVED

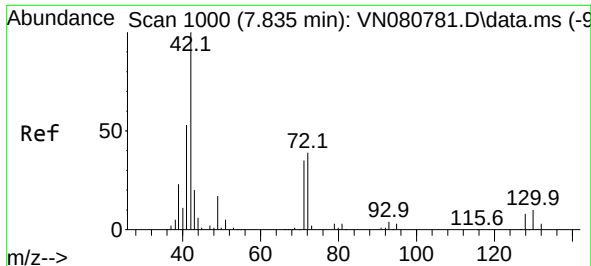
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#28
Bromochloromethane
Concen: 1.143 ug/l
RT: 7.818 min Scan# 997
Delta R.T. 0.006 min
Lab File: VN080820.D
Acq: 30 Jan 2024 17:35

Tgt Ion: 49 Resp: 1858
Ion Ratio Lower Upper
49 100
129 0.0 0.0 1.6
130 51.2 42.3 63.5





#29

Tetrahydrofuran

Concen: 5.946 ug/l

RT: 7.847 min Scan# 1000

Delta R.T. 0.012 min

Lab File: VN080820.D

Acq: 30 Jan 2024 17:35

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2024

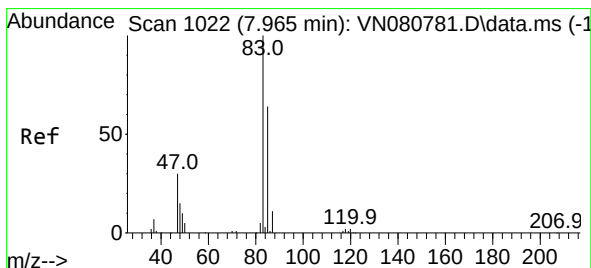
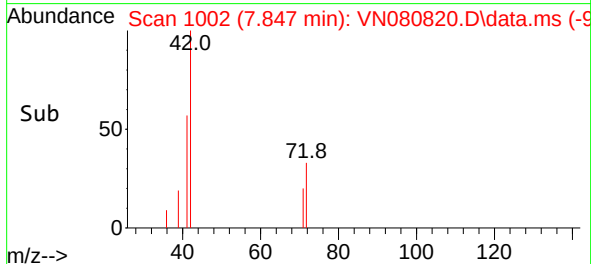
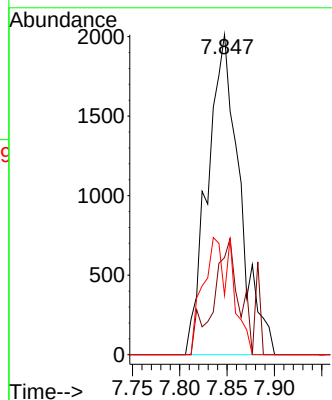
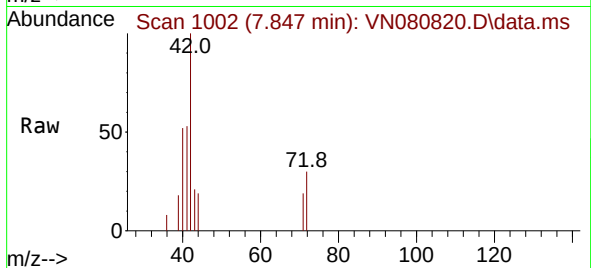
Tgt Ion: 42	Resp: 474
Ion Ratio	Lower Upper
42 100	
72 29.0	31.1 46.7
71 33.2	28.3 42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#30

Chloroform

Concen: 1.136 ug/l

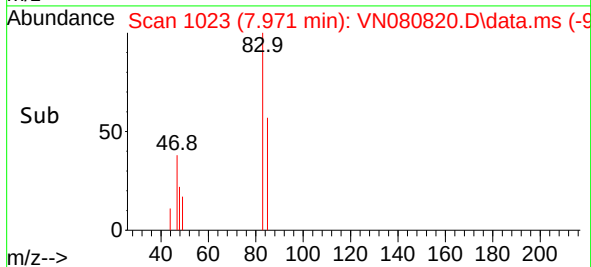
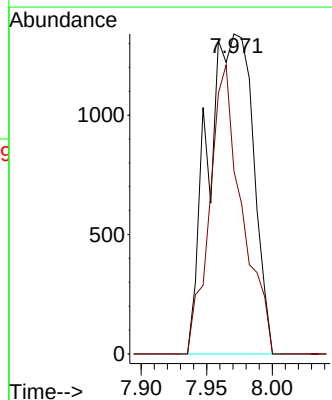
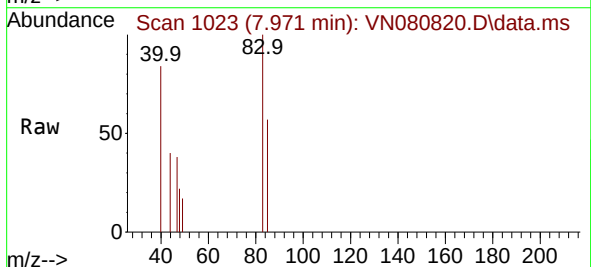
RT: 7.971 min Scan# 1023

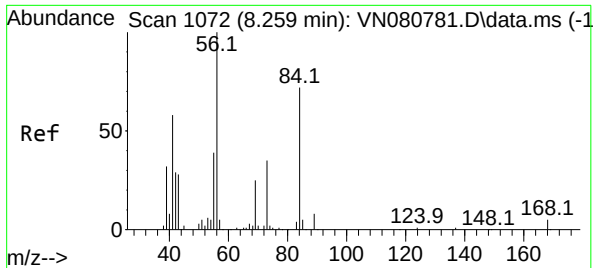
Delta R.T. 0.006 min

Lab File: VN080820.D

Acq: 30 Jan 2024 17:35

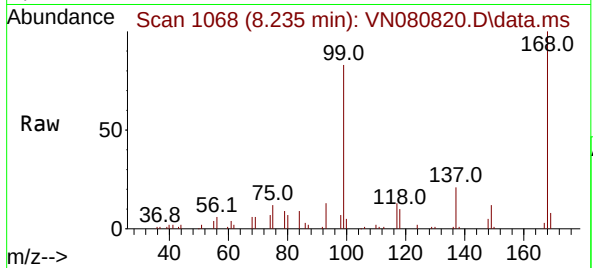
Tgt Ion: 83	Resp: 3241
Ion Ratio	Lower Upper
83 100	
85 57.1	51.0 76.6





#31
Cyclohexane
Concen: 2.438 ug/l m
RT: 8.235 min Scan# 1068
Delta R.T. -0.024 min
Lab File: VN080820.D
Acq: 30 Jan 2024 17:35

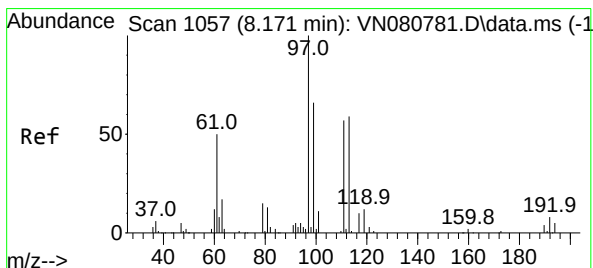
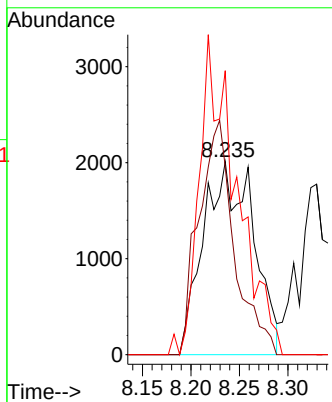
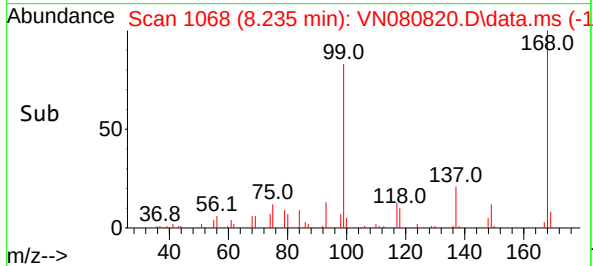
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT1-2024



Tgt Ion: 56 Resp: 7150
Ion Ratio Lower Upper
56 100
69 97.4 20.1 30.1
84 147.2 56.9 85.3

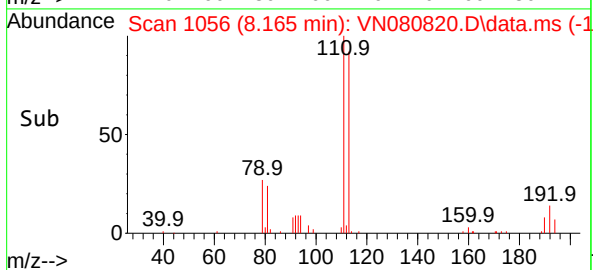
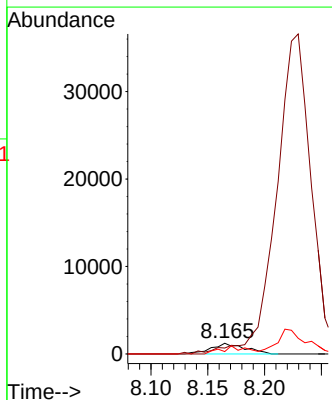
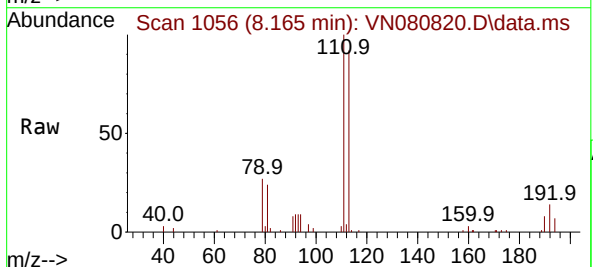
Manual Integrations
APPROVED

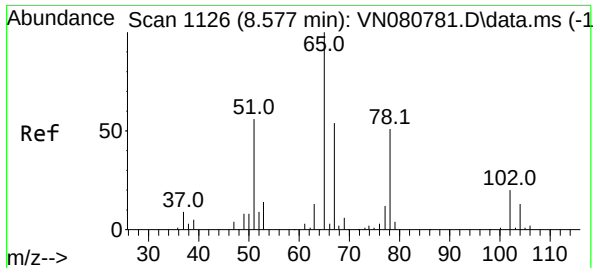
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#32
1,1,1-Trichloroethane
Concen: 1.085 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN080820.D
Acq: 30 Jan 2024 17:35

Tgt Ion: 97 Resp: 2510
Ion Ratio Lower Upper
97 100
99 0.0 53.4 80.0#
61 56.2 43.8 65.8





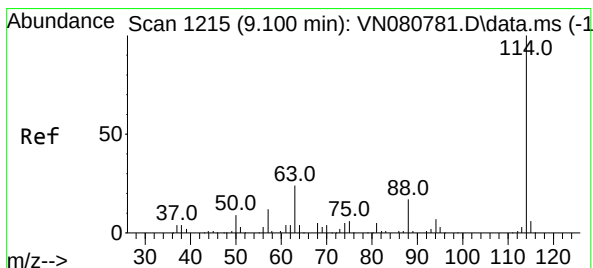
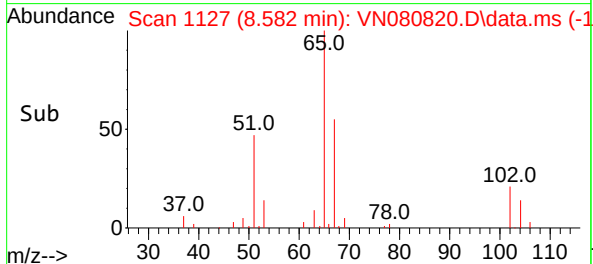
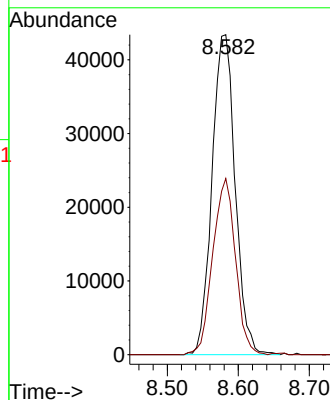
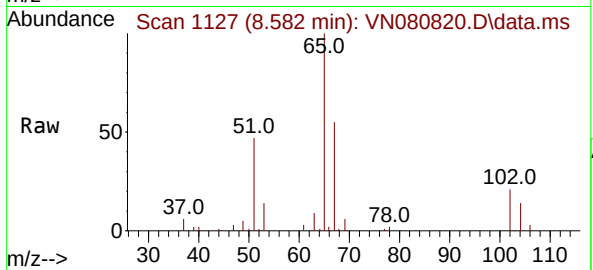
#33
1,2-Dichloroethane-d4
Concen: 57.444 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN080820.D
Acq: 30 Jan 2024 17:35

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024

Tgt Ion: 65 Resp: 98250
Ion Ratio Lower Upper
65 100
67 54.0 0.0 102.4

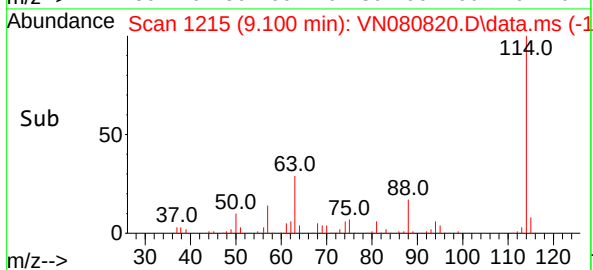
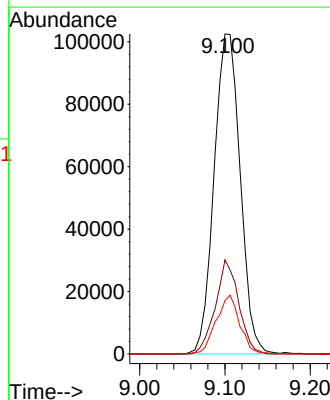
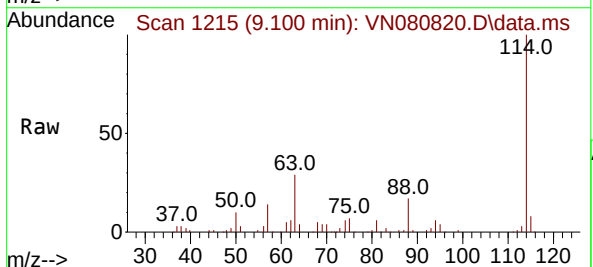
Manual Integrations
APPROVED

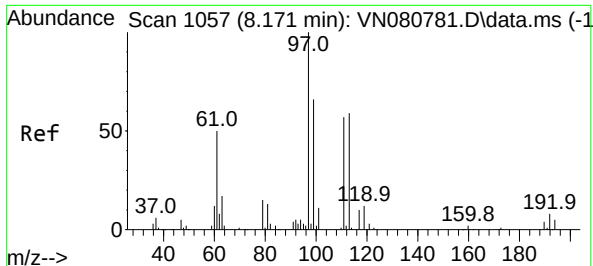
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN080820.D
Acq: 30 Jan 2024 17:35

Tgt Ion:114 Resp: 217877
Ion Ratio Lower Upper
114 100
63 29.4 0.0 48.0
88 16.7 0.0 34.8





#35

Dibromofluoromethane

Concen: 52.049 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN080820.D

Acq: 30 Jan 2024 17:35

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2024

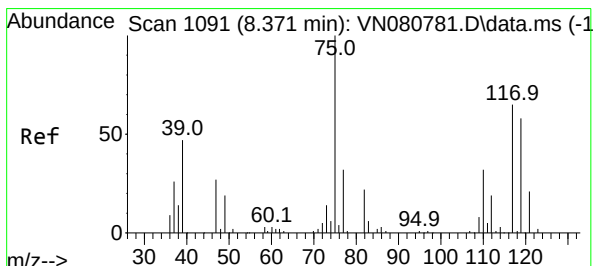
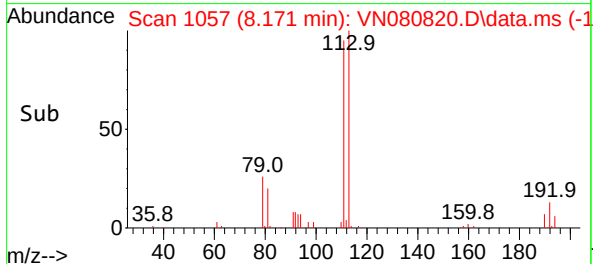
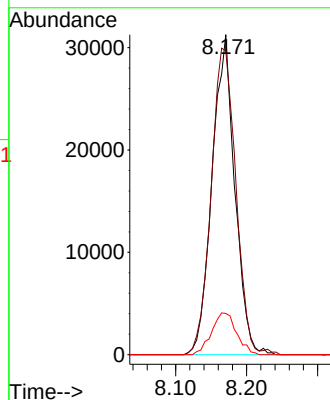
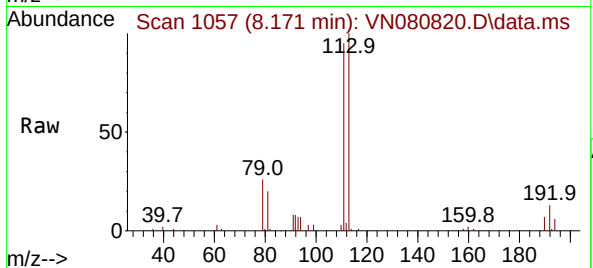
Tgt Ion:	113	Resp:	69380
Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.2	123.4
192	14.4	12.5	18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#36

1,1-Dichloropropene

Concen: 1.224 ug/l

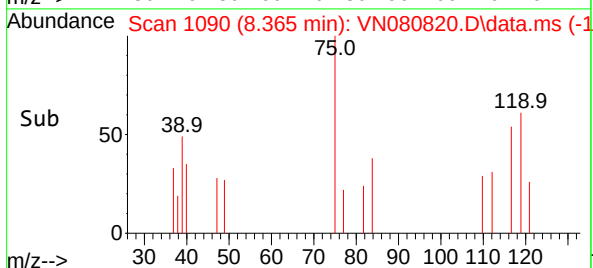
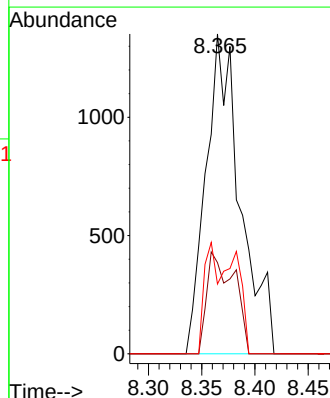
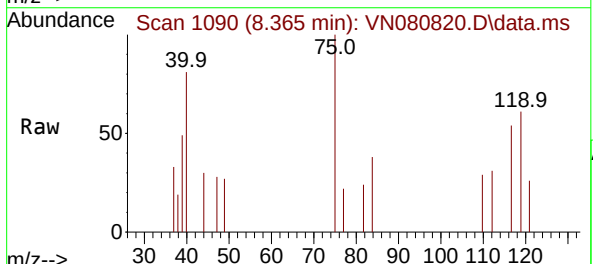
RT: 8.365 min Scan# 1090

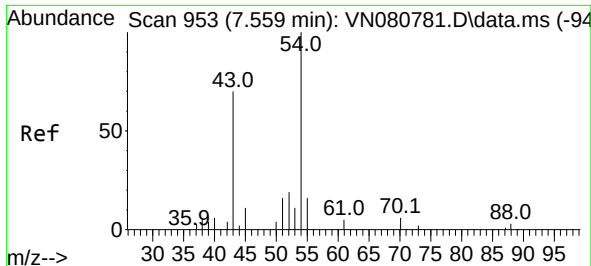
Delta R.T. -0.006 min

Lab File: VN080820.D

Acq: 30 Jan 2024 17:35

Tgt Ion:	75	Resp:	3033
Ion	Ratio	Lower	Upper
75	100		
110	25.1	16.0	48.0
77	13.3	25.8	38.6#





#37

Ethyl Acetate

Concen: 1.226 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN080820.D

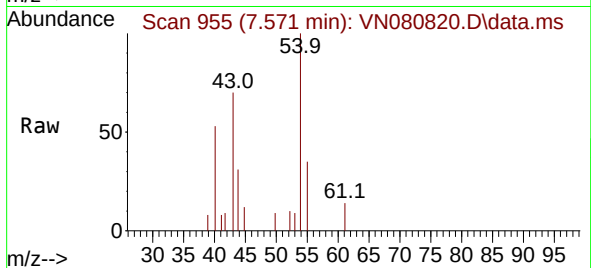
Acq: 30 Jan 2024 17:35

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2024



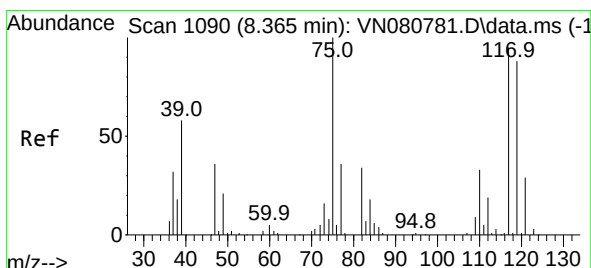
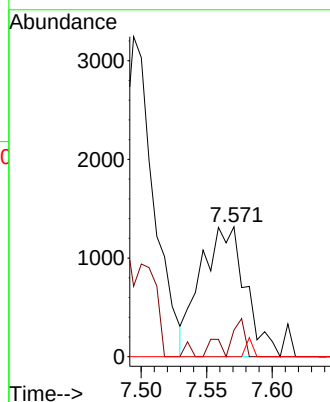
Tgt Ion: 43	Resp: 3128
Ion Ratio	Lower Upper
43	100
61	11.3 10.6 15.8
70	2.2 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#38

Carbon Tetrachloride

Concen: 0.962 ug/l

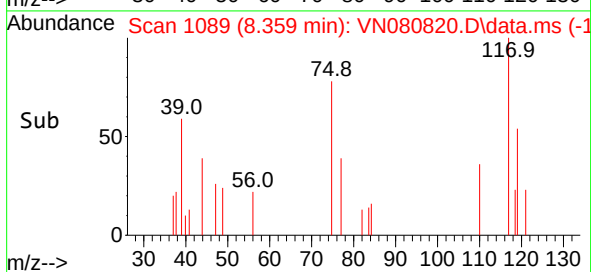
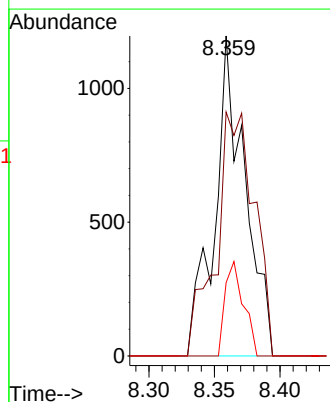
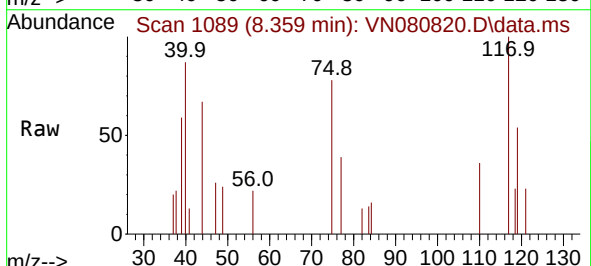
RT: 8.359 min Scan# 1089

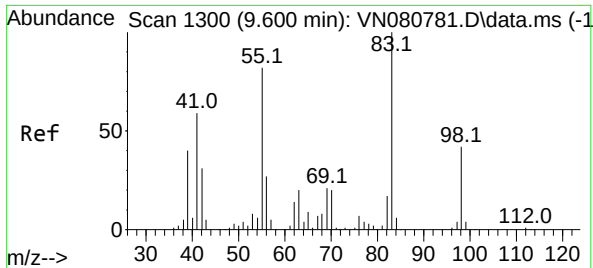
Delta R.T. -0.006 min

Lab File: VN080820.D

Acq: 30 Jan 2024 17:35

Tgt Ion: 117	Resp: 1920
Ion Ratio	Lower Upper
117	100
119	76.3 73.4 110.2
121	22.9 24.4 36.6





#39

Methylcyclohexane

Concen: 0.902 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN080820.D

Acq: 30 Jan 2024 17:35

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2024

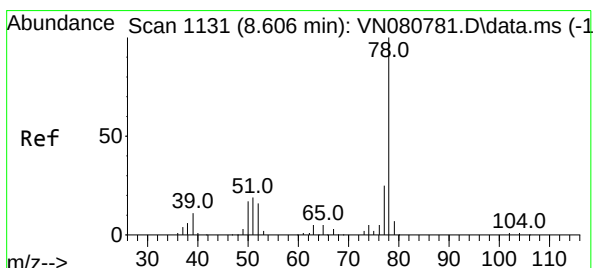
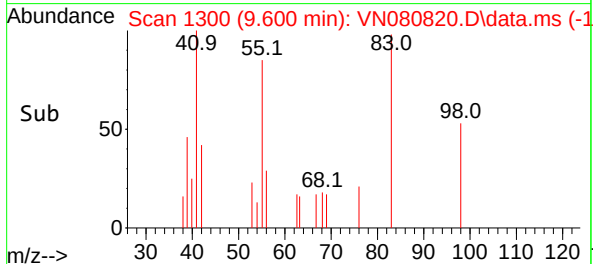
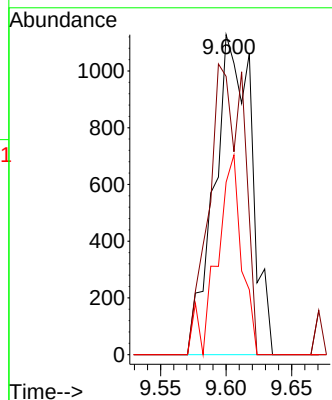
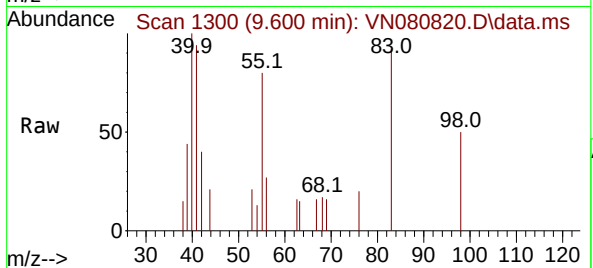
Tgt Ion: 83	Resp: 222
Ion Ratio	Lower Upper
83	100
55	87.0 65.7 98.5
98	53.9 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#40

Benzene

Concen: 1.068 ug/l

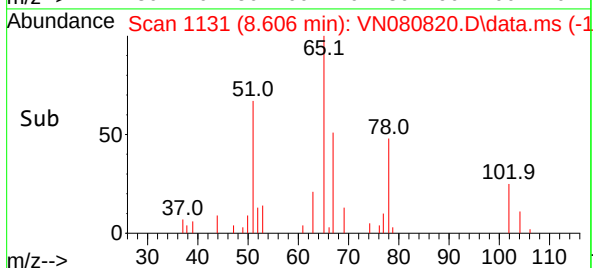
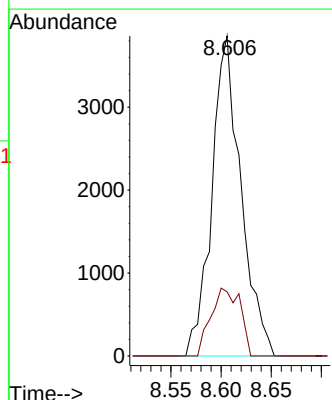
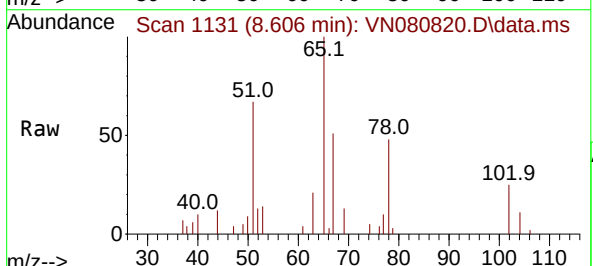
RT: 8.606 min Scan# 1131

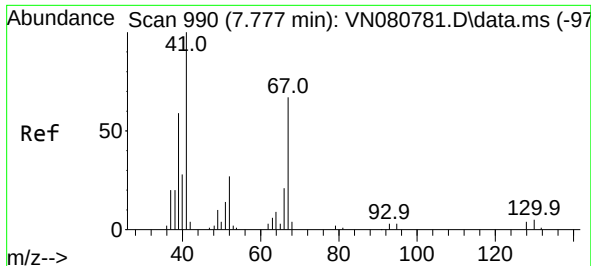
Delta R.T. -0.000 min

Lab File: VN080820.D

Acq: 30 Jan 2024 17:35

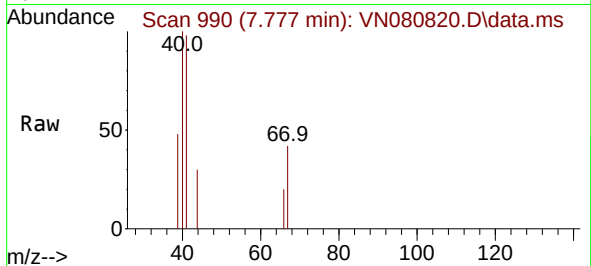
Tgt Ion: 78	Resp: 7774
Ion Ratio	Lower Upper
78	100
77	20.1 20.4 30.6





#41
Methacrylonitrile
Concen: 0.981 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN080820.D
Acq: 30 Jan 2024 17:35

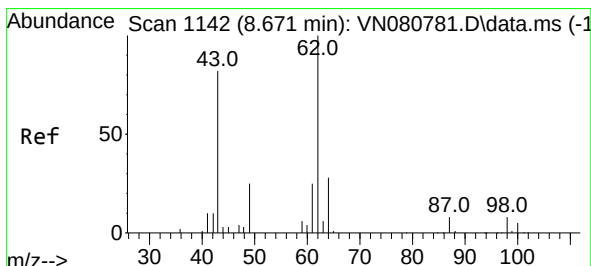
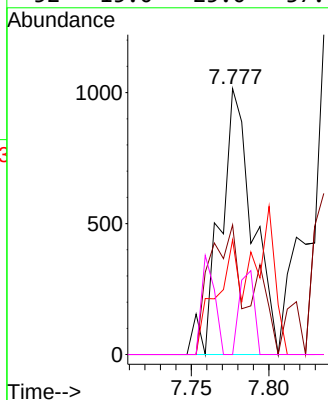
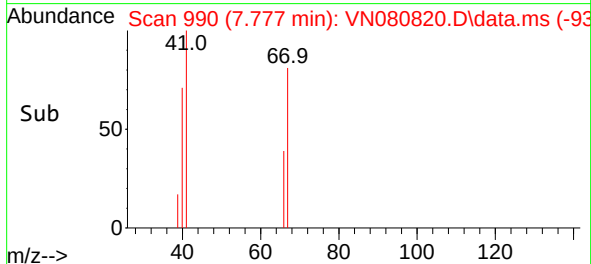
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 41 Resp: 1479
Ion Ratio Lower Upper
41 100
39 47.0 48.4 72.6
67 31.5 56.8 85.2
52 15.0 25.0 37.4

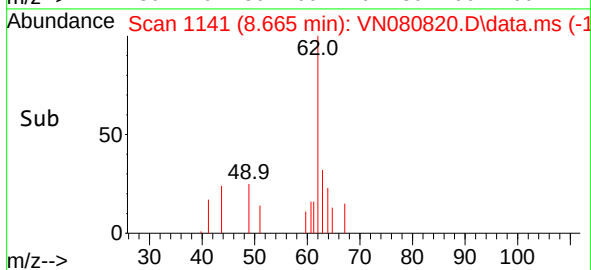
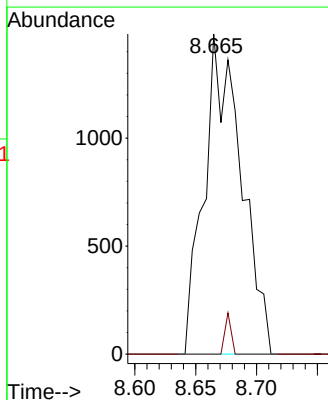
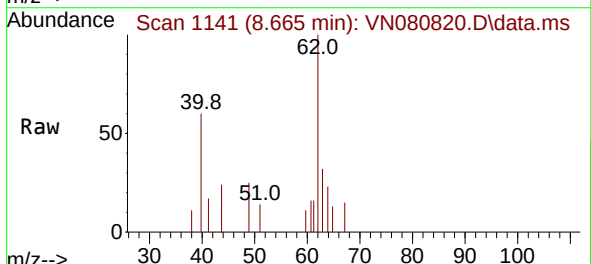
Manual Integrations
APPROVED

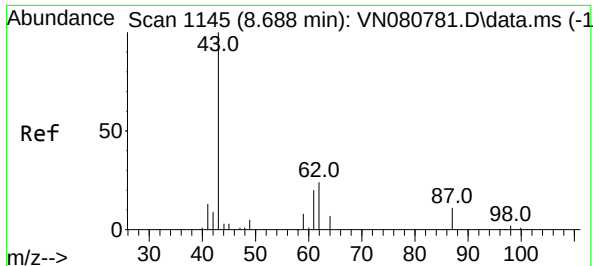
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#42
1,2-Dichloroethane
Concen: 1.324 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN080820.D
Acq: 30 Jan 2024 17:35

Tgt Ion: 62 Resp: 3141
Ion Ratio Lower Upper
62 100
98 2.1 0.0 18.0





#43

Isopropyl Acetate

Concen: 1.132 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN080820.D

Acq: 30 Jan 2024 17:35

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2024

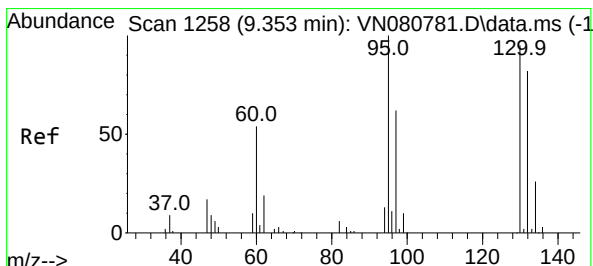
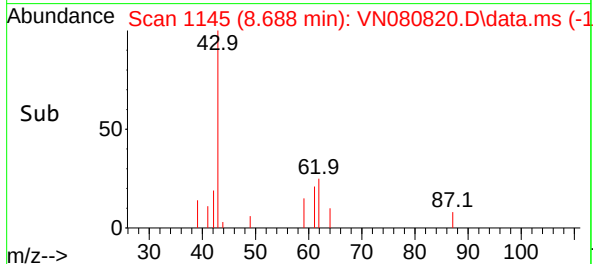
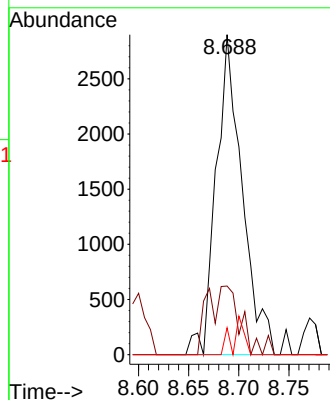
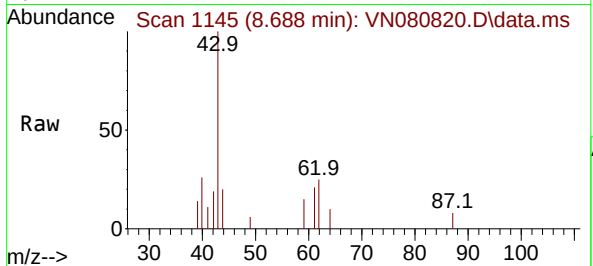
Tgt Ion: 43	Resp: 525
Ion Ratio	Lower Upper
43 100	
61 17.0	19.9 29.9
87 5.2	9.0 13.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#44

Trichloroethene

Concen: 1.167 ug/l

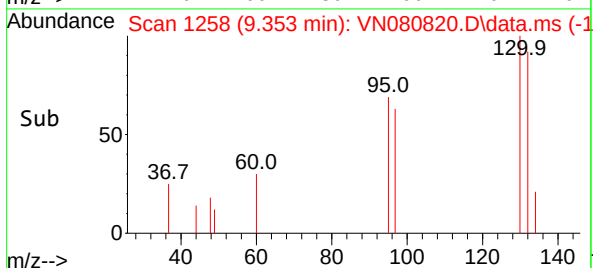
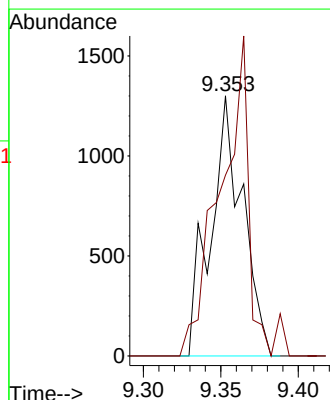
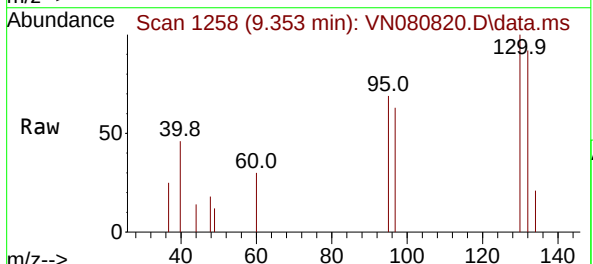
RT: 9.353 min Scan# 1258

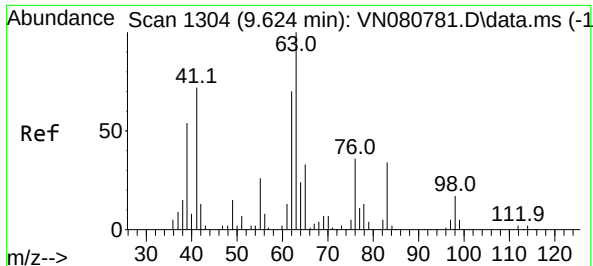
Delta R.T. -0.000 min

Lab File: VN080820.D

Acq: 30 Jan 2024 17:35

Tgt Ion:130	Resp: 1871
Ion Ratio	Lower Upper
130 100	
95 69.5	0.0 210.4





#45

1,2-Dichloropropane

Concen: 1.214 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN080820.D

Acq: 30 Jan 2024 17:35

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion: 63 Resp: 239

Ion Ratio Lower Upper

63 100

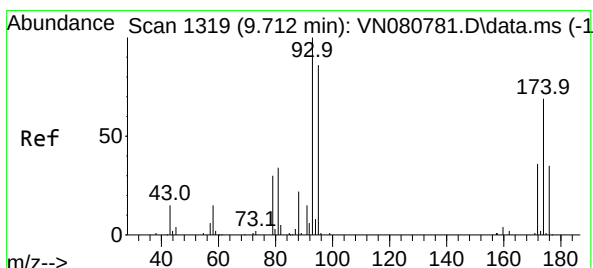
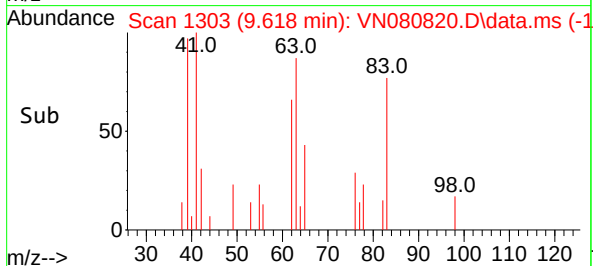
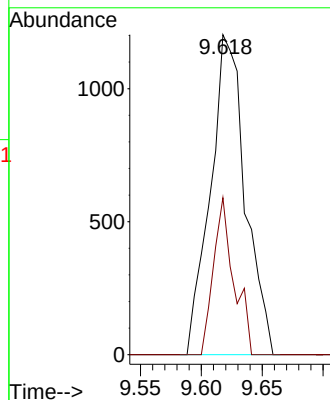
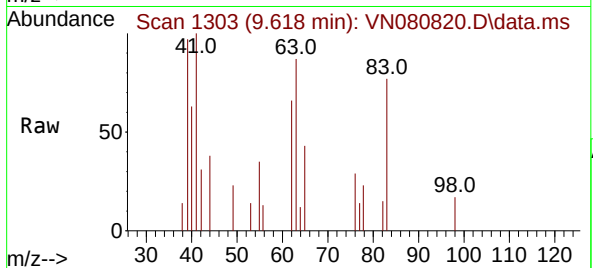
65 49.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#46

Dibromomethane

Concen: 1.044 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN080820.D

Acq: 30 Jan 2024 17:35

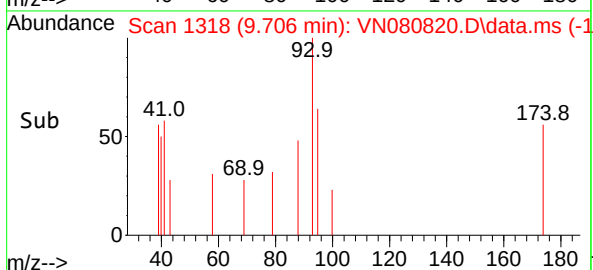
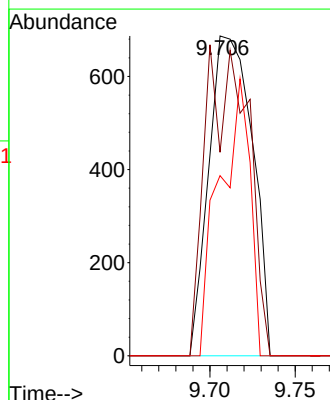
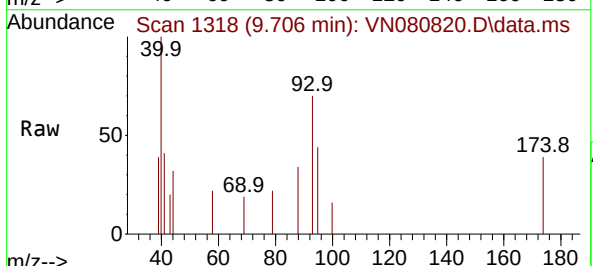
Tgt Ion: 93 Resp: 1220

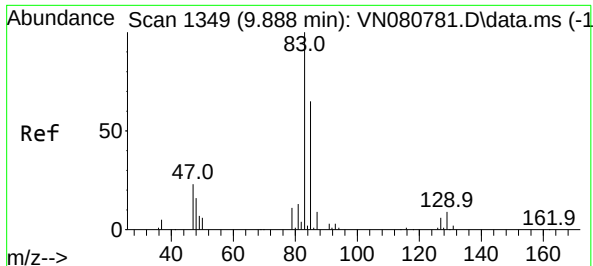
Ion Ratio Lower Upper

93 100

95 95.2 68.1 102.1

174 60.5 57.2 85.8





#47

Bromodichloromethane

Concen: 0.995 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. -0.000 min

Lab File: VN080820.D

Acq: 30 Jan 2024 17:35

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2024

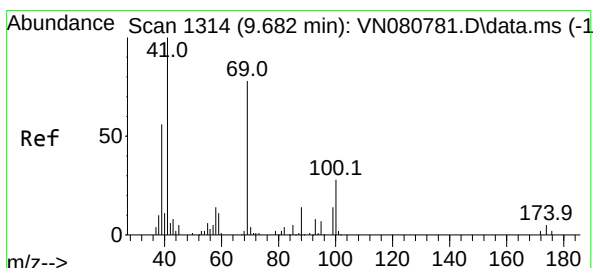
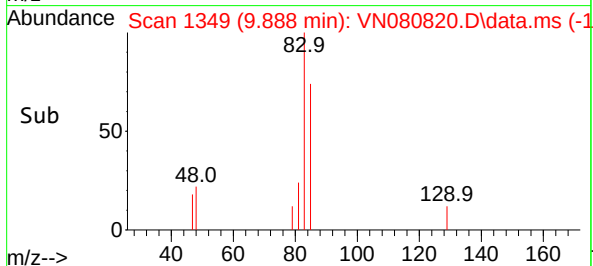
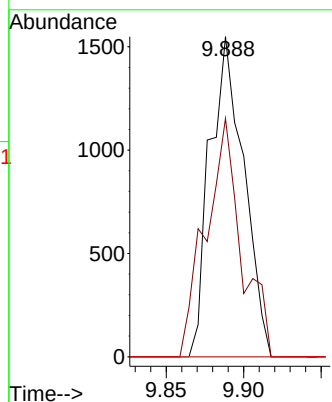
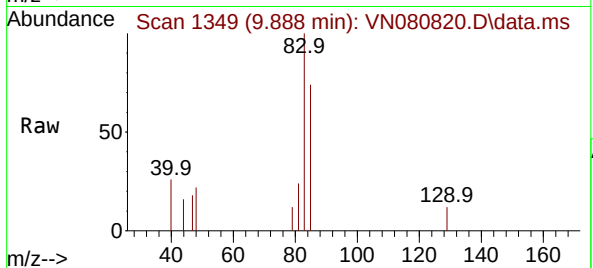
Tgt Ion: 83	Resp: 235
Ion Ratio	Lower Upper
83 100	
85 74.4	52.3 78.5
127 0.0	4.6 7.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#48

Methyl methacrylate

Concen: 1.160 ug/l

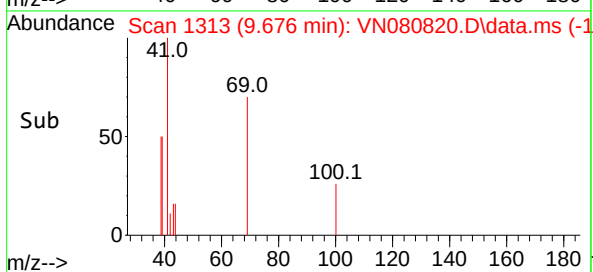
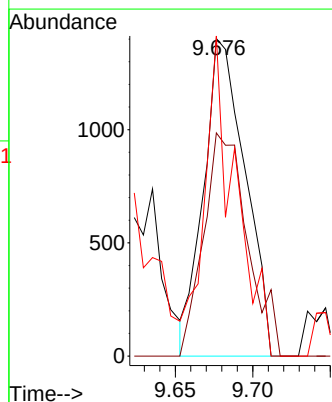
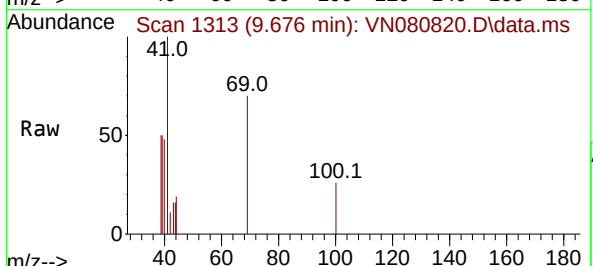
RT: 9.676 min Scan# 1313

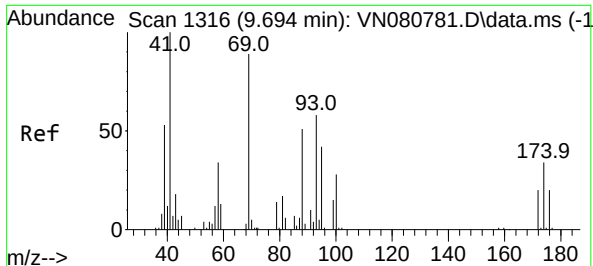
Delta R.T. -0.006 min

Lab File: VN080820.D

Acq: 30 Jan 2024 17:35

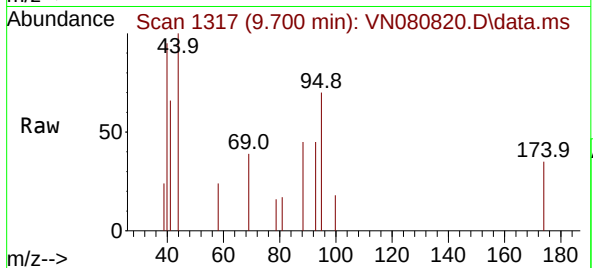
Tgt Ion: 41	Resp: 2612
Ion Ratio	Lower Upper
41 100	
69 74.3	62.2 93.2
39 75.0	47.6 71.4





#49
1,4-Dioxane
Concen: 21.021 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080820.D
Acq: 30 Jan 2024 17:35

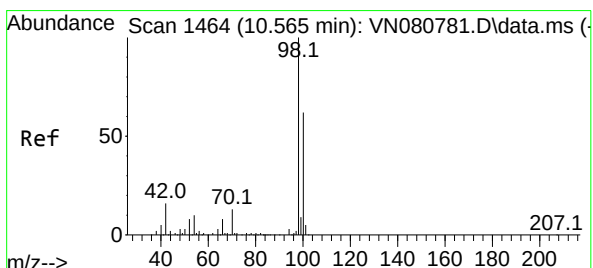
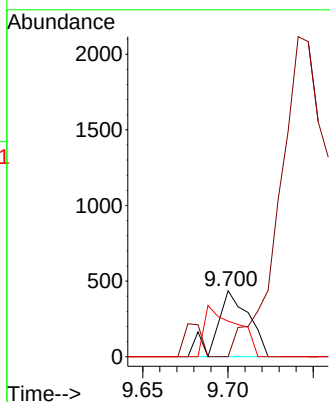
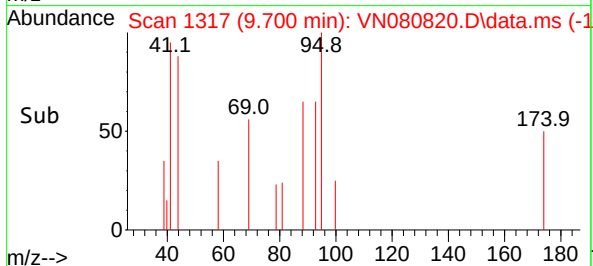
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 88 Resp: 570
Ion Ratio Lower Upper
88 100
43 0.0 30.1 45.1
58 77.4 63.9 95.9

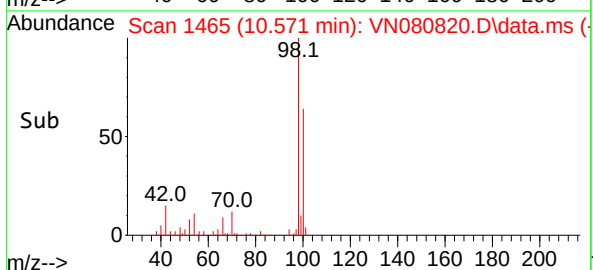
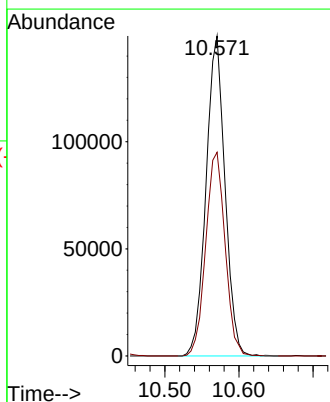
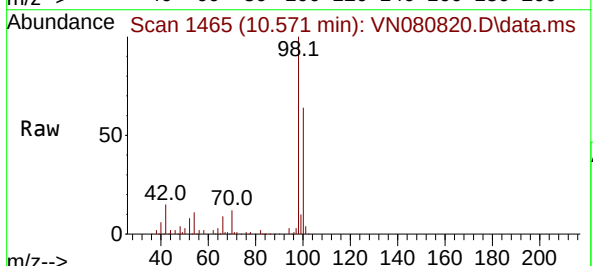
Manual Integrations
APPROVED

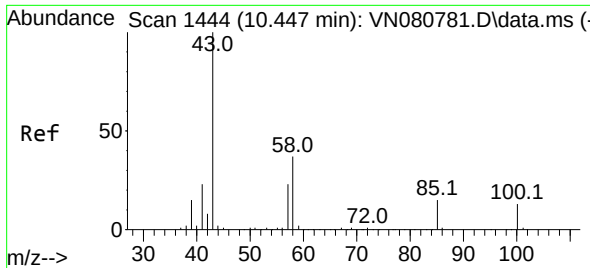
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#50
Toluene-d8
Concen: 50.664 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080820.D
Acq: 30 Jan 2024 17:35

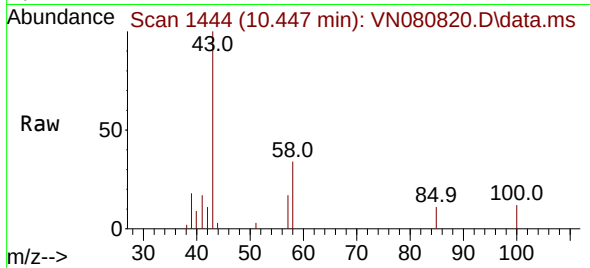
Tgt Ion: 98 Resp: 264326
Ion Ratio Lower Upper
98 100
100 65.2 51.4 77.0





#51
4-Methyl-2-Pentanone
Concen: 5.199 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080820.D
Acq: 30 Jan 2024 17:35

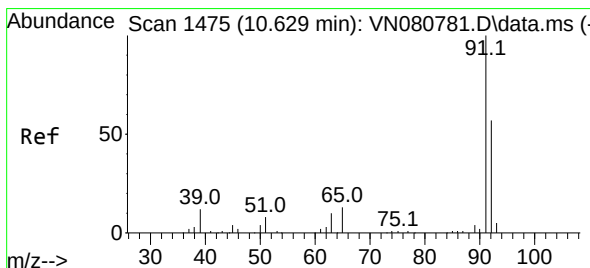
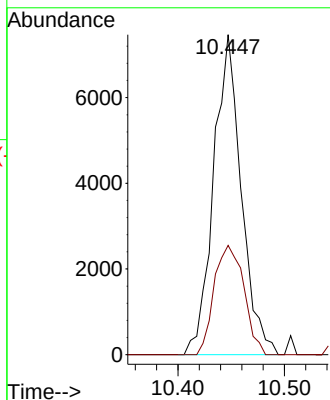
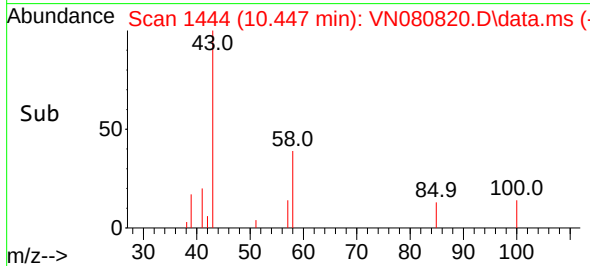
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024



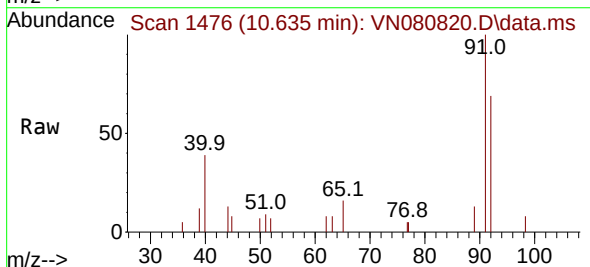
Tgt Ion: 43 Resp: 1349
Ion Ratio Lower Upper
43 100
58 36.6 29.4 44.0

Manual Integrations
APPROVED

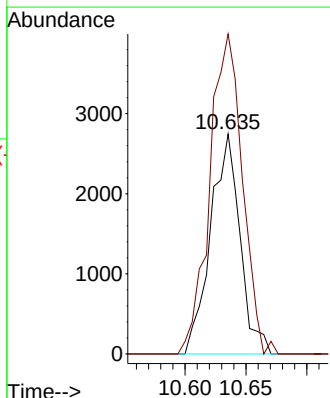
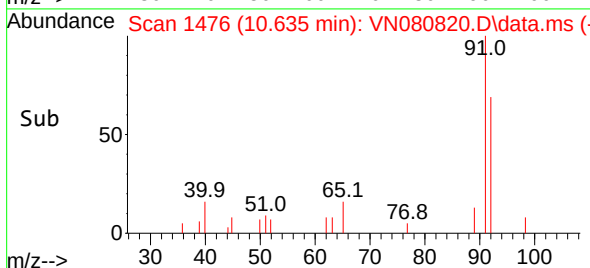
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

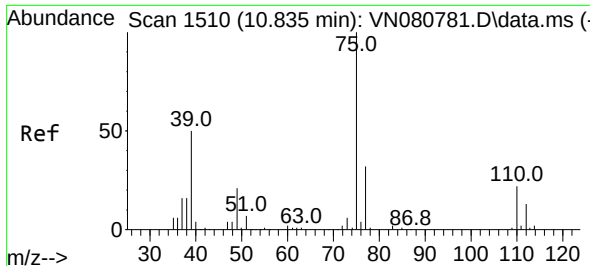


#52
Toluene
Concen: 1.103 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN080820.D
Acq: 30 Jan 2024 17:35



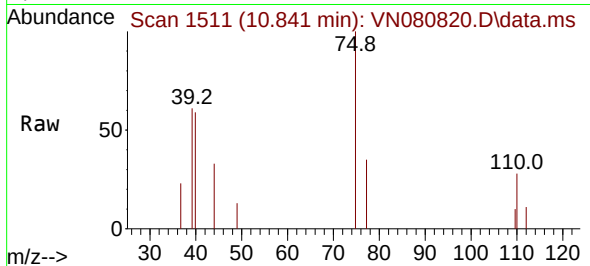
Tgt Ion: 92 Resp: 4605
Ion Ratio Lower Upper
92 100
91 162.0 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 0.956 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN080820.D
Acq: 30 Jan 2024 17:35

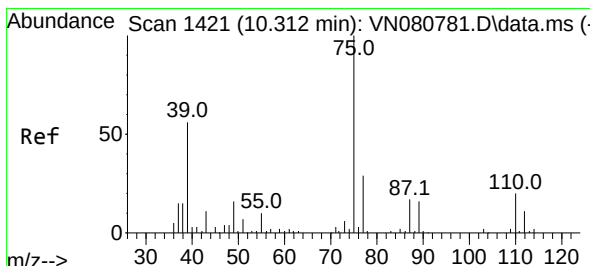
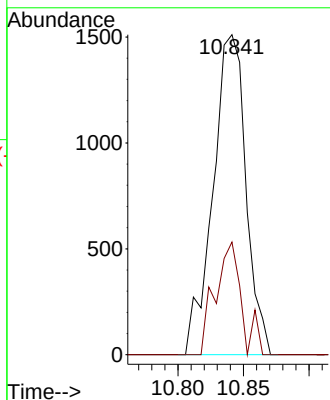
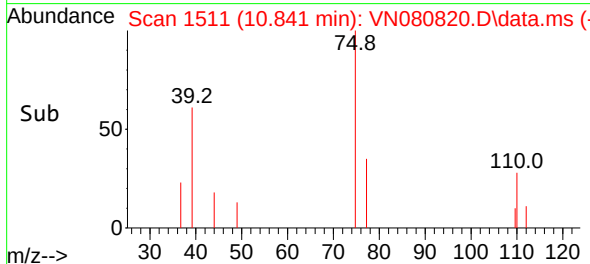
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024



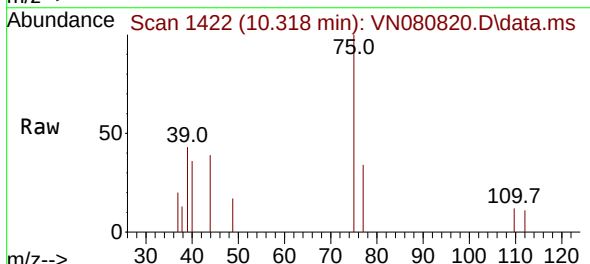
Tgt Ion: 75 Resp: 264
Ion Ratio Lower Upper
75 100
77 35.2 25.5 38.3

Manual Integrations
APPROVED

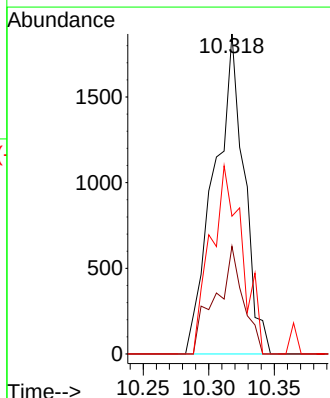
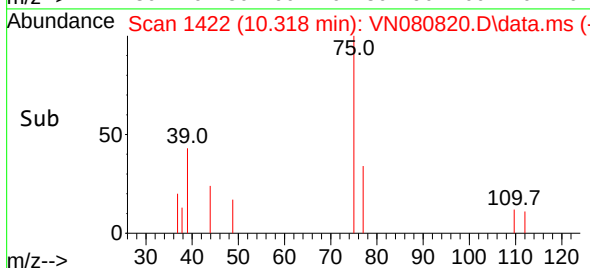
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

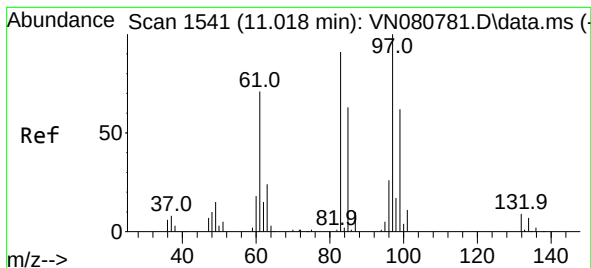


#54
cis-1,3-Dichloropropene
Concen: 0.991 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VN080820.D
Acq: 30 Jan 2024 17:35



Tgt Ion: 75 Resp: 2977
Ion Ratio Lower Upper
75 100
77 33.7 23.3 34.9
39 43.0 44.6 66.8#





#55

1,1,2-Trichloroethane

Concen: 1.132 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN080820.D

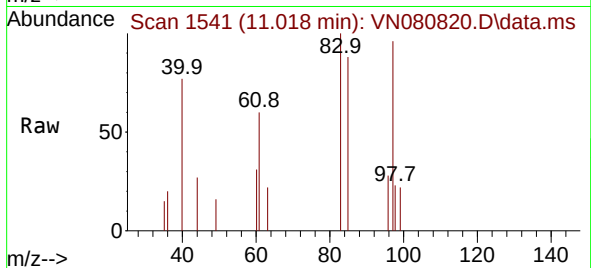
Acq: 30 Jan 2024 17:35

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2024



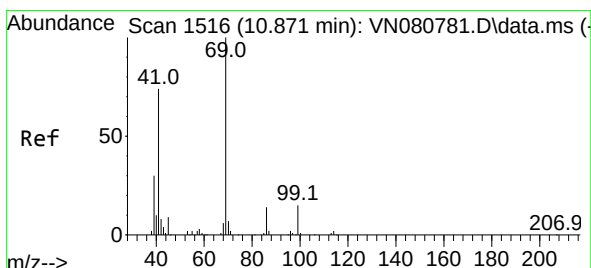
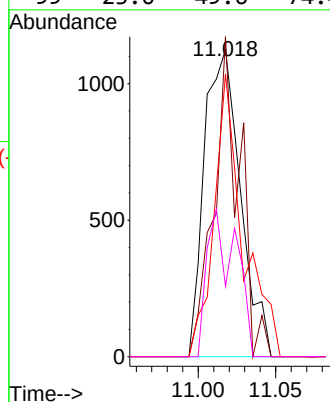
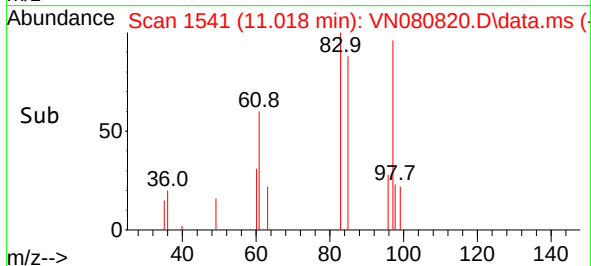
Tgt Ion:	97	Resp:	1810
Ion Ratio	100	Lower	Upper
97	100		
83	104.3	72.9	109.3
85	92.1	50.2	75.2
99	23.0	49.6	74.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#56

Ethyl methacrylate

Concen: 0.850 ug/l

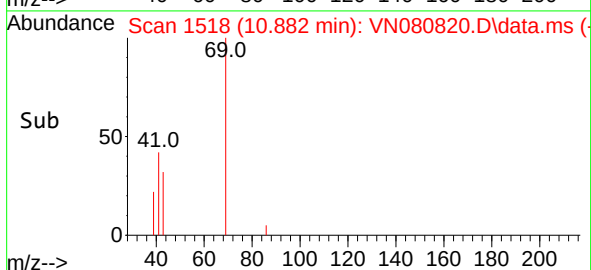
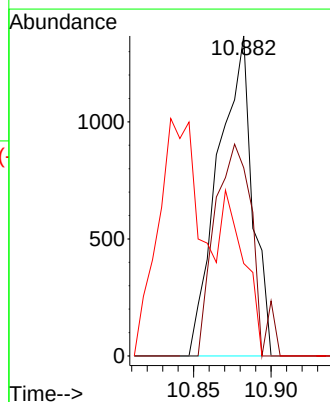
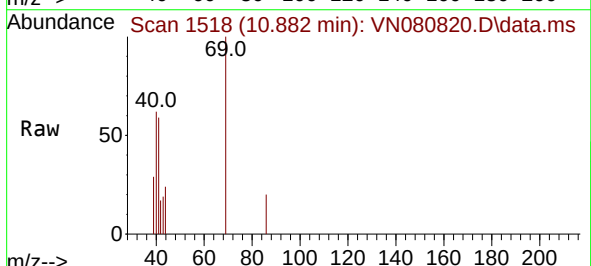
RT: 10.882 min Scan# 1518

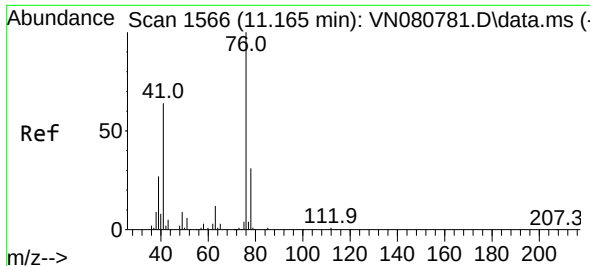
Delta R.T. 0.011 min

Lab File: VN080820.D

Acq: 30 Jan 2024 17:35

Tgt Ion:	69	Resp:	2096
Ion Ratio	100	Lower	Upper
69	100		
41	73.3	61.0	91.6
39	33.9	31.8	47.6





#57

1,3-Dichloropropane

Concen: 1.088 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN080820.D

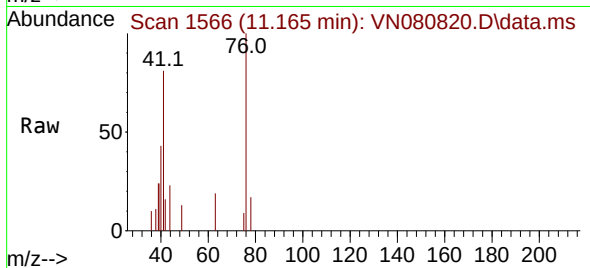
Acq: 30 Jan 2024 17:35

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2024



Tgt Ion: 76 Resp: 328

Ion Ratio Lower Upper

76 100

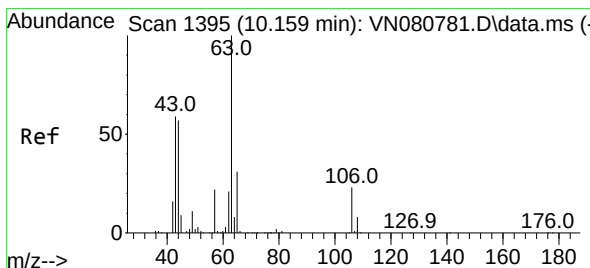
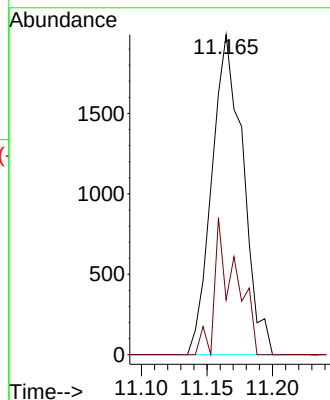
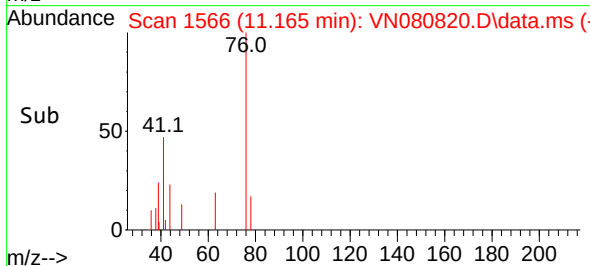
78 29.2 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#58

2-Chloroethyl Vinyl ether

Concen: 4.567 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN080820.D

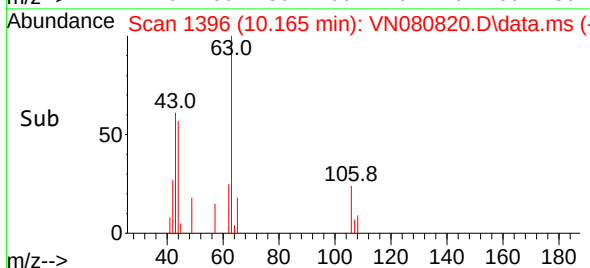
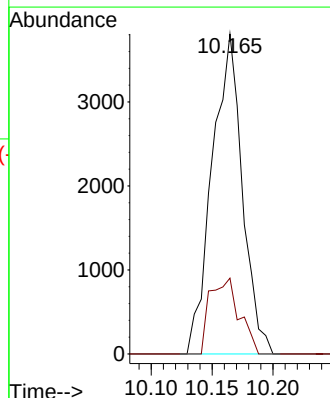
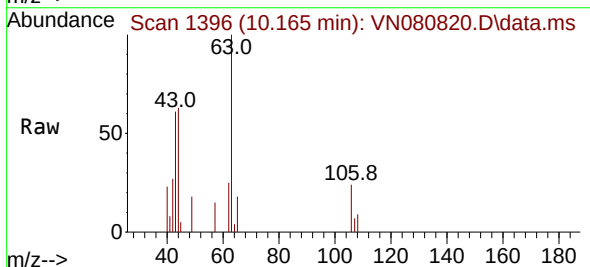
Acq: 30 Jan 2024 17:35

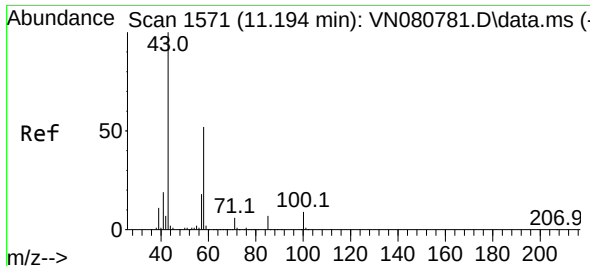
Tgt Ion: 63 Resp: 6567

Ion Ratio Lower Upper

63 100

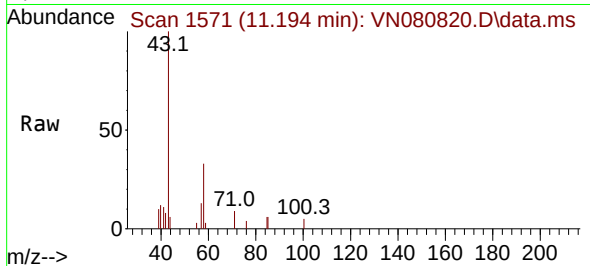
106 23.0 18.6 28.0





#59
2-Hexanone
Concen: 5.019 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN080820.D
Acq: 30 Jan 2024 17:35

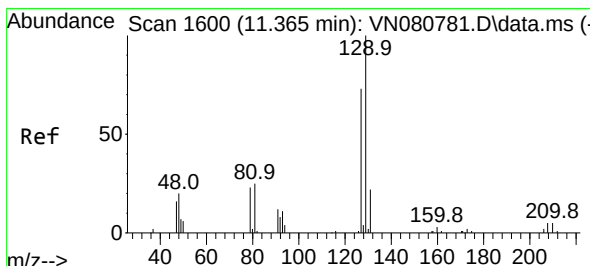
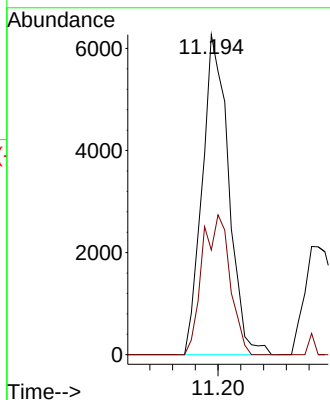
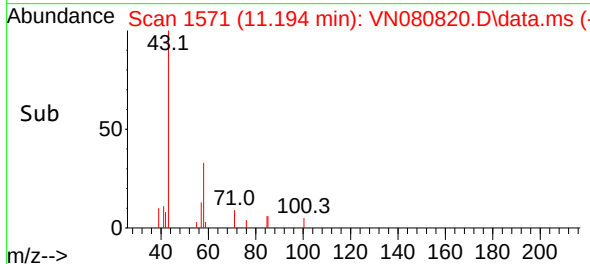
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 43 Resp: 10120
Ion Ratio Lower Upper
43 100
58 46.0 25.9 77.8

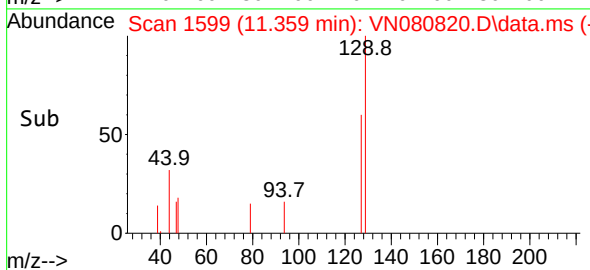
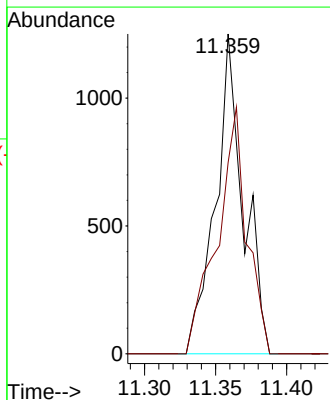
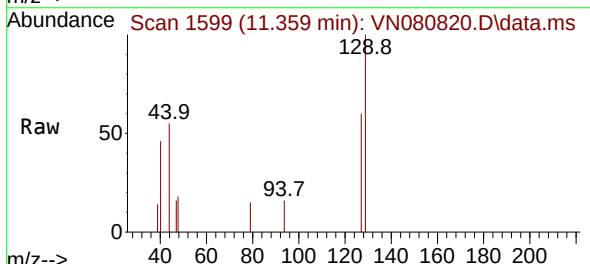
Manual Integrations
APPROVED

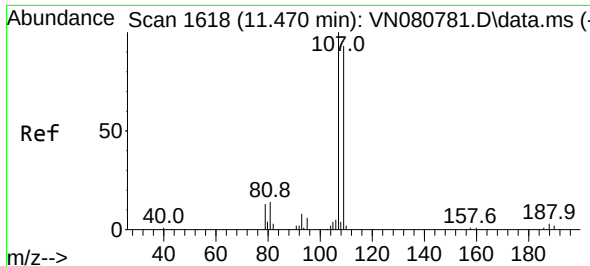
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#60
Dibromochloromethane
Concen: 1.144 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN080820.D
Acq: 30 Jan 2024 17:35

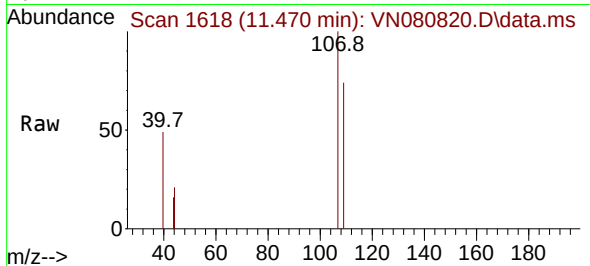
Tgt Ion:129 Resp: 1707
Ion Ratio Lower Upper
129 100
127 82.4 39.4 118.2





#61
1,2-Dibromoethane
Concen: 0.922 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080820.D
Acq: 30 Jan 2024 17:35

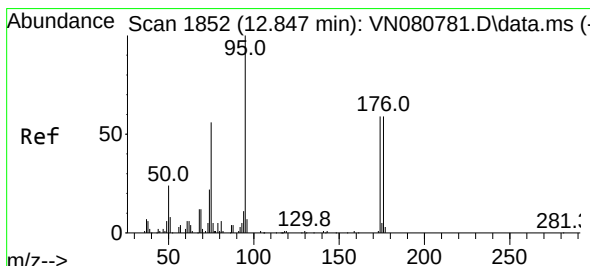
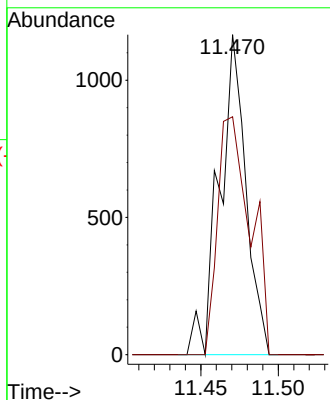
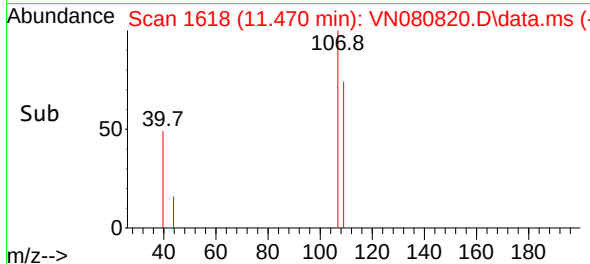
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024



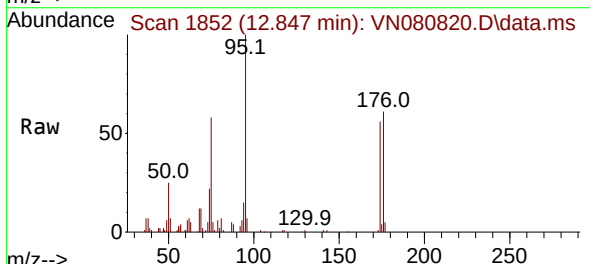
Tgt Ion:107 Resp: 138
Ion Ratio Lower Upper
107 100
109 91.8 73.4 110.2

Manual Integrations
APPROVED

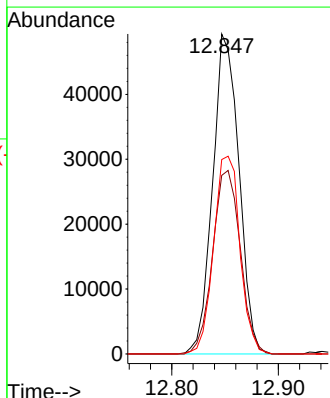
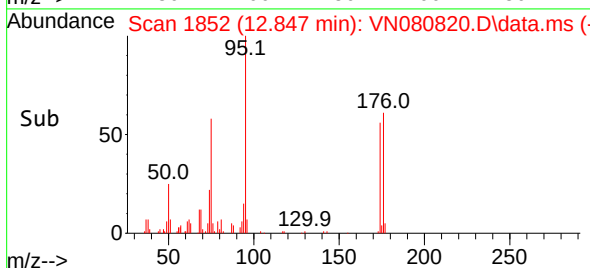
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

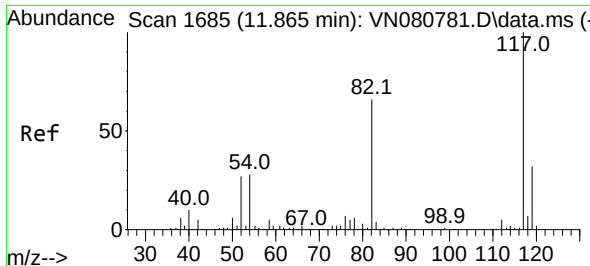


#62
4-Bromofluorobenzene
Concen: 46.375 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080820.D
Acq: 30 Jan 2024 17:35



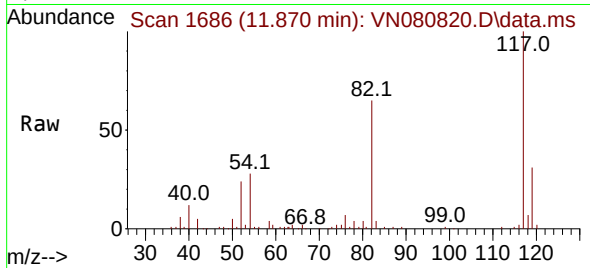
Tgt Ion: 95 Resp: 84313
Ion Ratio Lower Upper
95 100
174 60.6 0.0 120.4
176 62.0 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1186
Delta R.T. 0.006 min
Lab File: VN080820.D
Acq: 30 Jan 2024 17:35

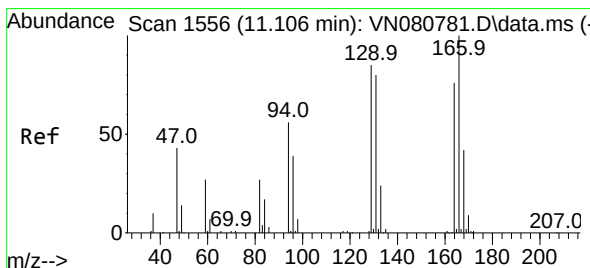
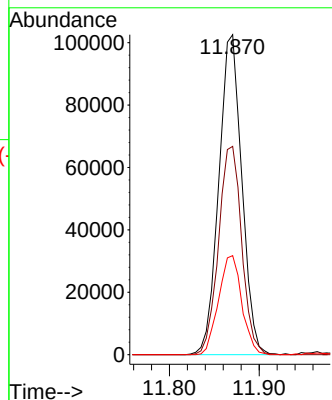
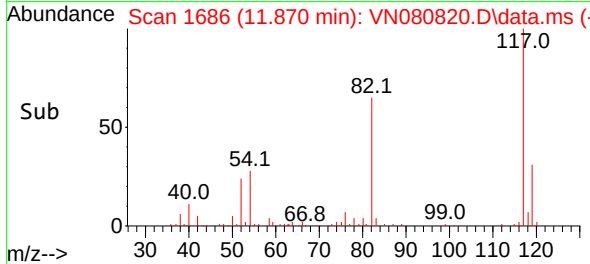
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion:117 Resp: 182538
Ion Ratio Lower Upper
117 100
82 65.1 52.7 79.1
119 30.9 25.3 37.9

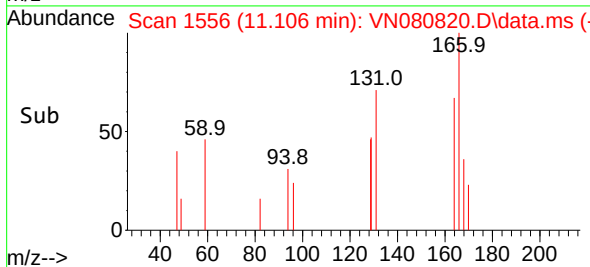
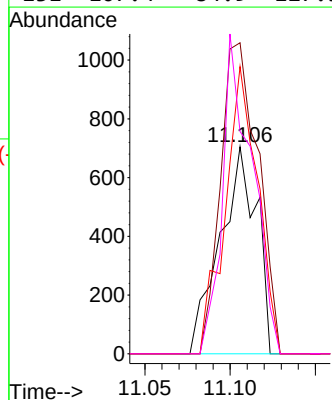
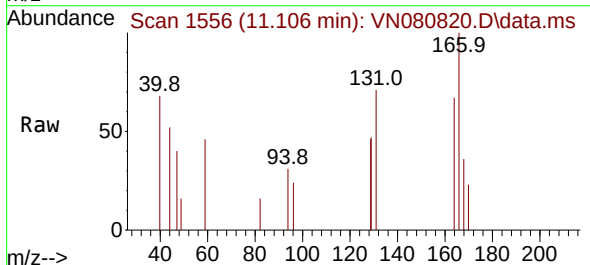
Manual Integrations
APPROVED

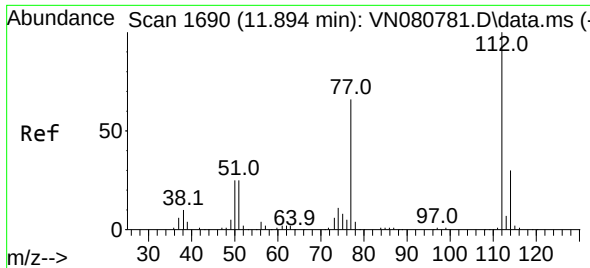
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#64
Tetrachloroethene
Concen: 0.877 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080820.D
Acq: 30 Jan 2024 17:35

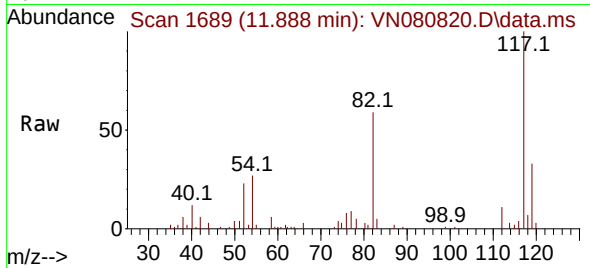
Tgt Ion:164 Resp: 1052
Ion Ratio Lower Upper
164 100
166 150.2 105.8 158.6
129 138.7 89.6 134.4#
131 107.4 84.9 127.3





#65
Chlorobenzene
Concen: 0.983 ug/l
RT: 11.888 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VN080820.D
Acq: 30 Jan 2024 17:35

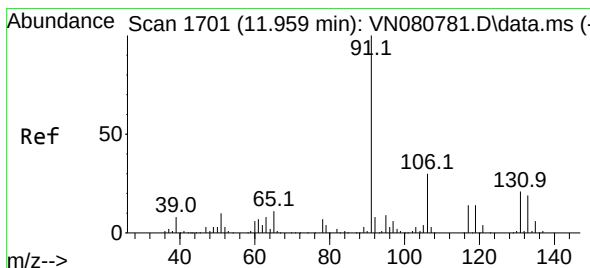
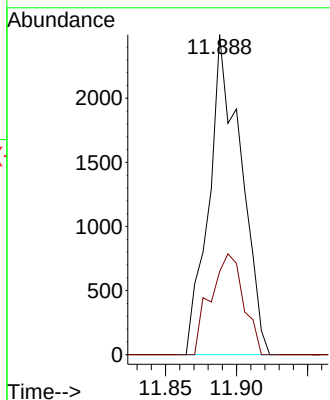
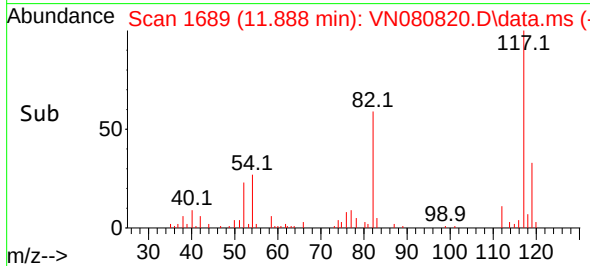
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024



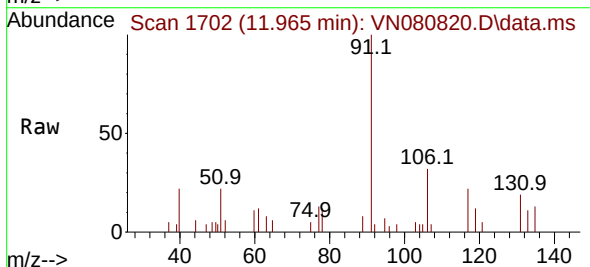
Tgt Ion:112 Resp: 391
Ion Ratio Lower Upper
112 100
114 26.0 23.7 35.5

Manual Integrations
APPROVED

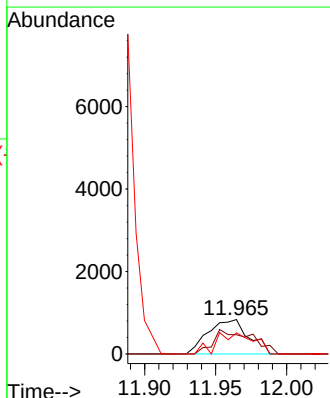
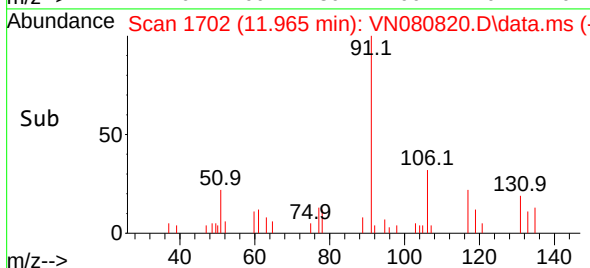
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

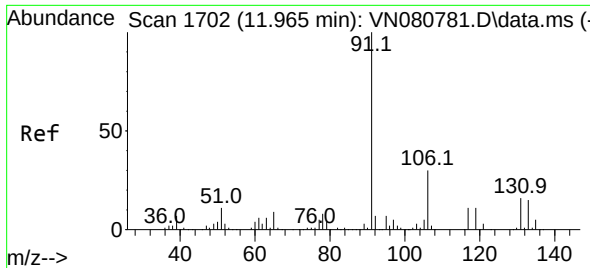


#66
1,1,1,2-Tetrachloroethane
Concen: 1.277 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN080820.D
Acq: 30 Jan 2024 17:35



Tgt Ion:131 Resp: 1654
Ion Ratio Lower Upper
131 100
133 66.9 46.8 140.3
119 0.0 34.6 103.9#





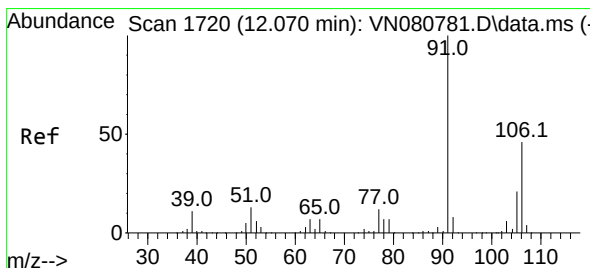
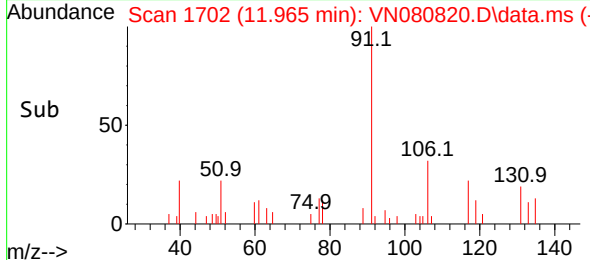
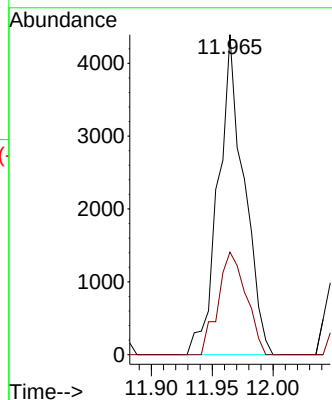
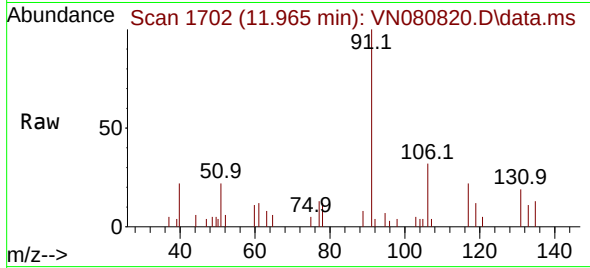
#67
Ethyl Benzene
Concen: 0.875 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080820.D
Acq: 30 Jan 2024 17:35

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024

Tgt Ion: 91 Resp: 647
Ion Ratio Lower Upper
91 100
106 32.0 23.8 35.6

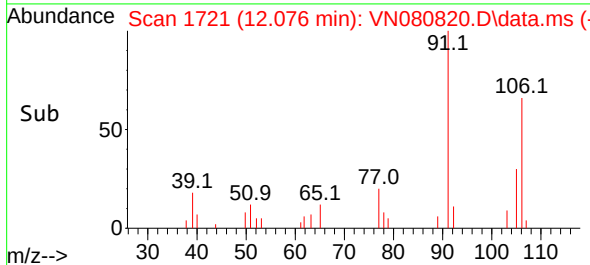
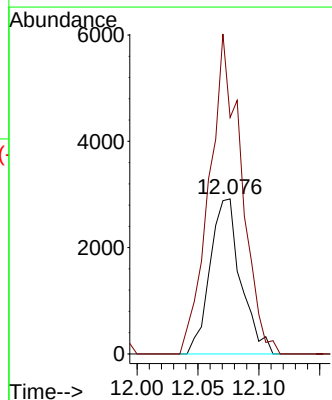
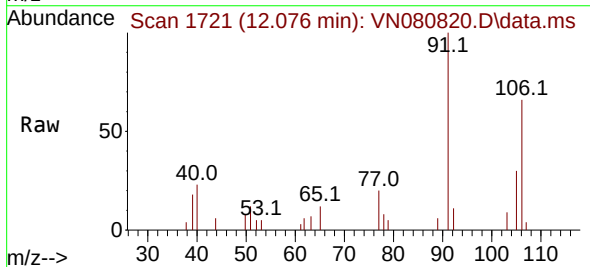
Manual Integrations
APPROVED

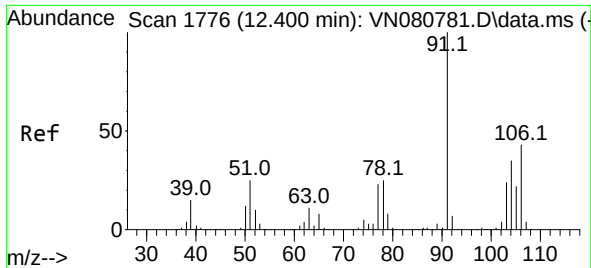
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#68
m/p-Xylenes
Concen: 1.949 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN080820.D
Acq: 30 Jan 2024 17:35

Tgt Ion:106 Resp: 5124
Ion Ratio Lower Upper
106 100
91 215.7 169.0 253.6





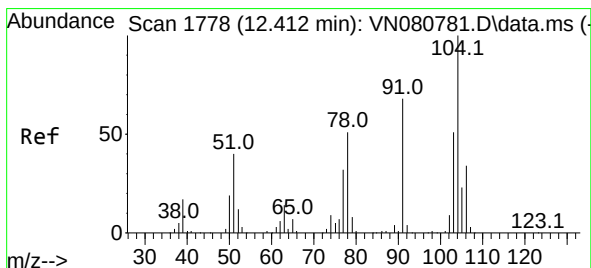
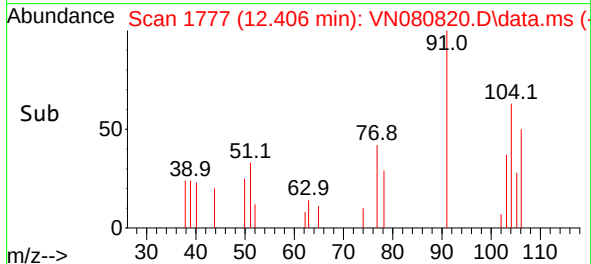
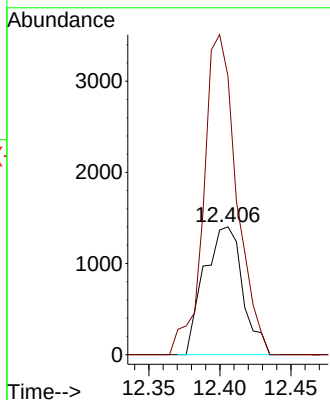
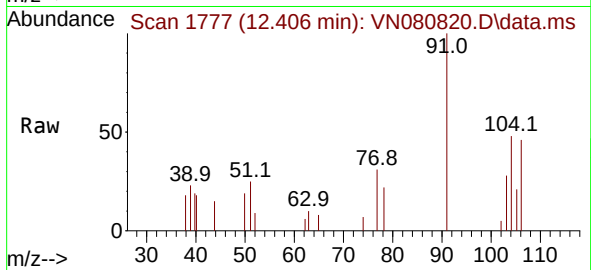
#69
o-Xylene
Concen: 1.008 ug/l
RT: 12.406 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN080820.D
Acq: 30 Jan 2024 17:35

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024

Tgt Ion:106 Resp: 2638
Ion Ratio Lower Upper
106 100
91 215.9 112.1 336.3

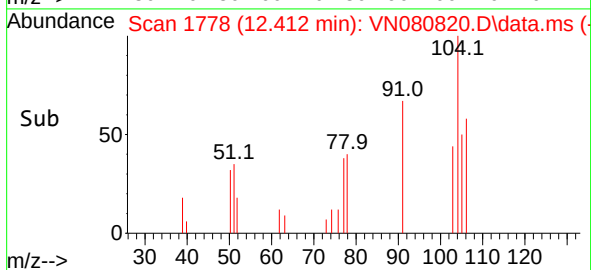
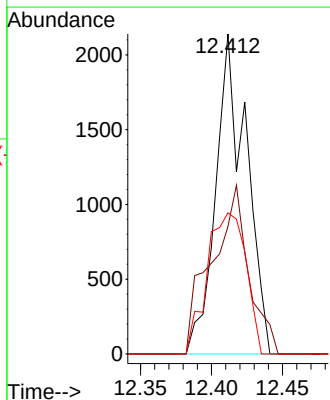
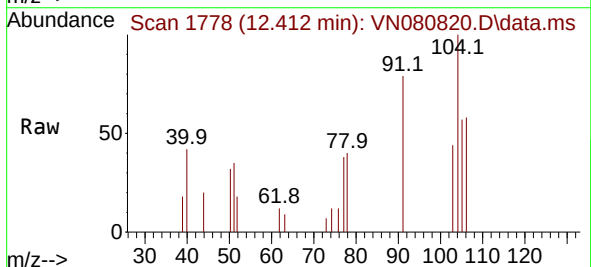
Manual Integrations
APPROVED

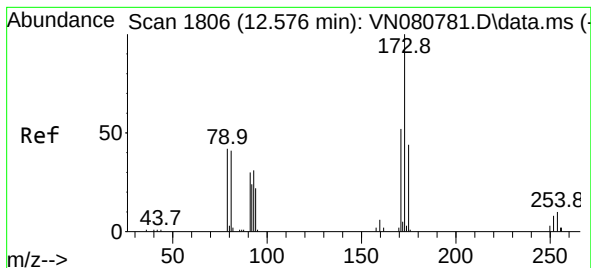
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#70
Styrene
Concen: 0.762 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080820.D
Acq: 30 Jan 2024 17:35

Tgt Ion:104 Resp: 3198
Ion Ratio Lower Upper
104 100
78 64.2 43.8 65.8
103 56.1 44.2 66.2





#71

Bromoform

Concen: 0.865 ug/l

RT: 12.588 min Scan# 1808

Delta R.T. 0.012 min

Lab File: VN080820.D

Acq: 30 Jan 2024 17:35

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2024

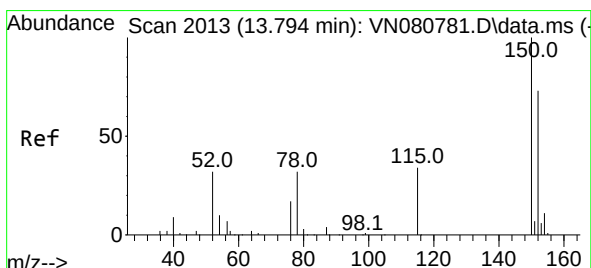
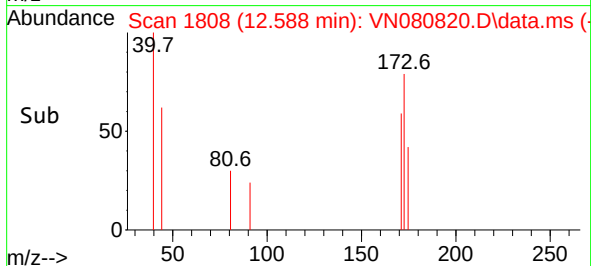
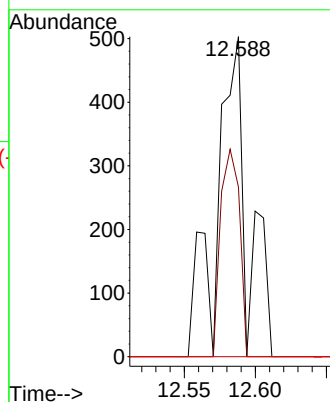
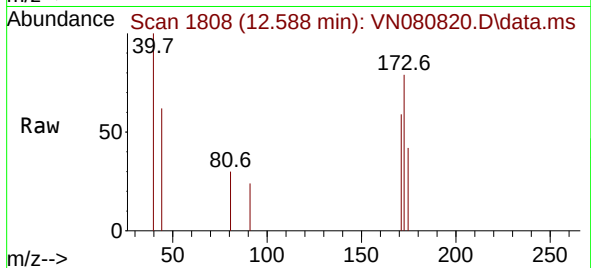
Tgt Ion	Ratio	Lower	Upper
173	100		
175	39.7	23.1	69.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

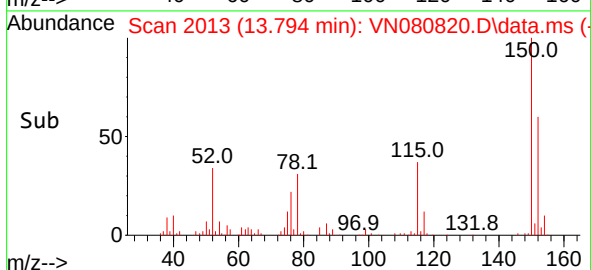
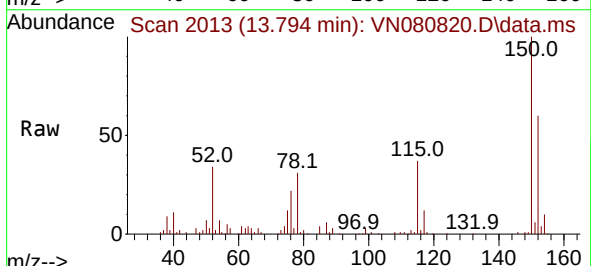
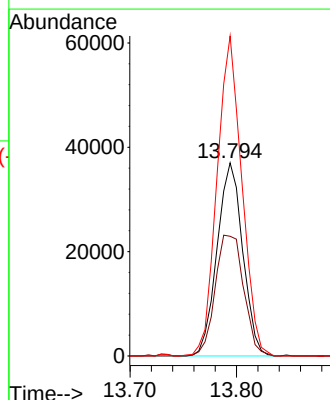
RT: 13.794 min Scan# 2013

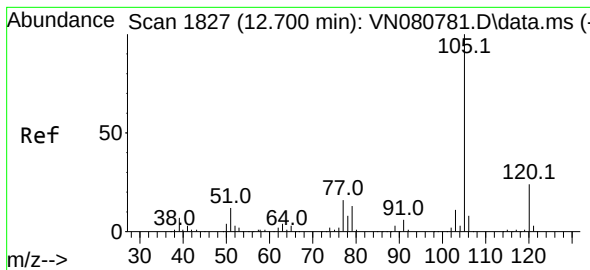
Delta R.T. -0.000 min

Lab File: VN080820.D

Acq: 30 Jan 2024 17:35

Tgt Ion	Ratio	Lower	Upper
152	100		
115	69.6	32.3	96.8
150	160.2	0.0	339.8





#73

Isopropylbenzene

Concen: 1.061 ug/l

RT: 12.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080820.D

Acq: 30 Jan 2024 17:35

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2024

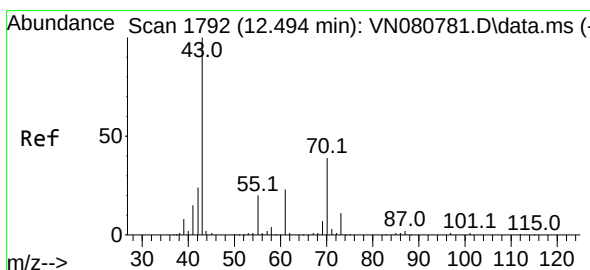
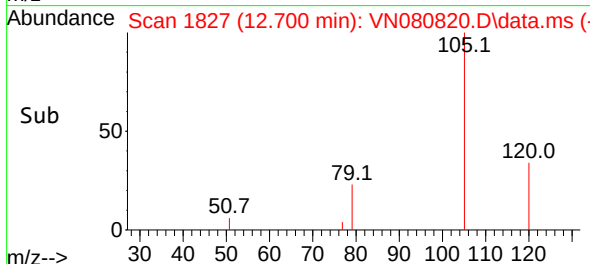
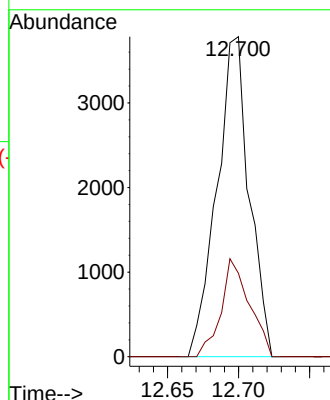
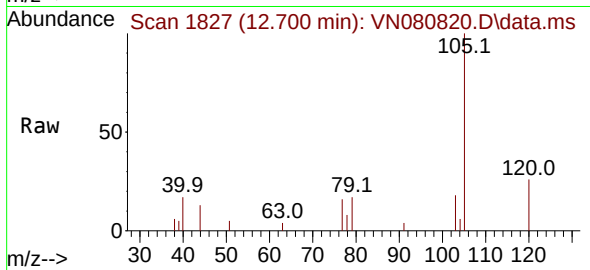
Tgt Ion:105 Resp: 599
 Ion Ratio Lower Upper
 105 100
 120 26.8 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#74

N-ethyl acetate

Concen: 1.154 ug/l

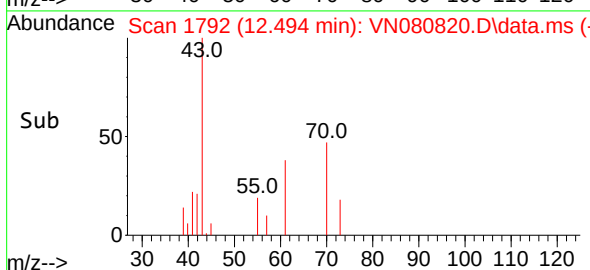
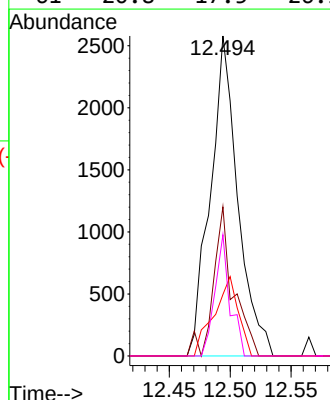
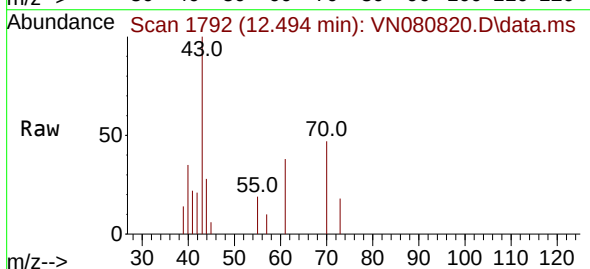
RT: 12.494 min Scan# 1792

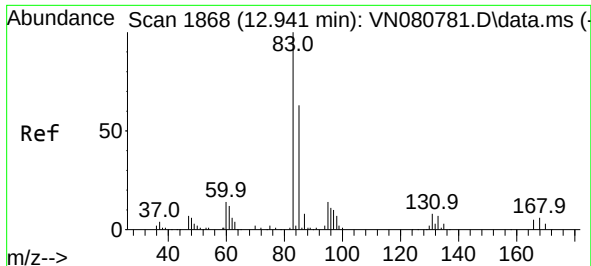
Delta R.T. -0.000 min

Lab File: VN080820.D

Acq: 30 Jan 2024 17:35

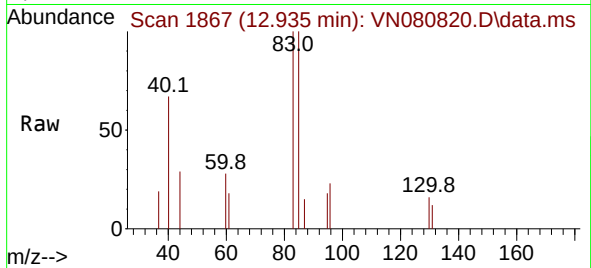
Tgt Ion: 43 Resp: 4046
 Ion Ratio Lower Upper
 43 100
 70 33.5 30.1 45.1
 55 22.1 17.0 25.4
 61 20.8 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 1.197 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN080820.D
Acq: 30 Jan 2024 17:35

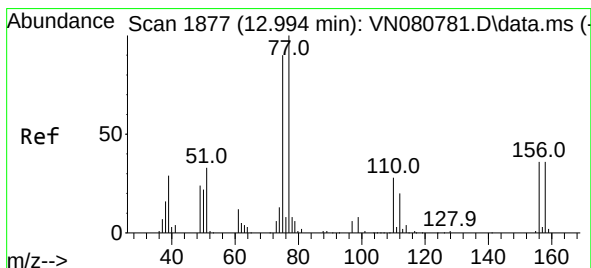
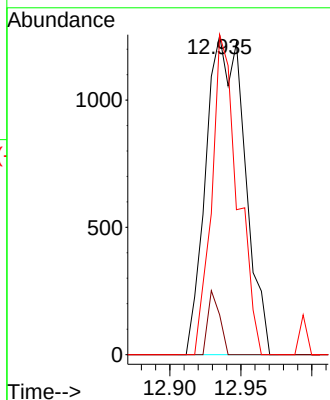
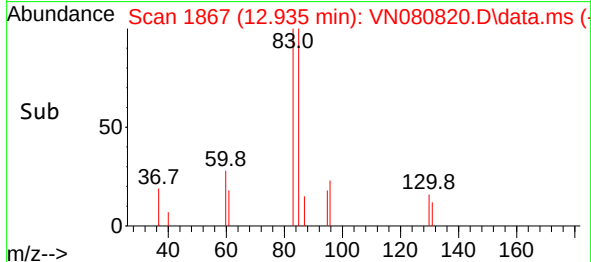
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT1-2024



Tgt Ion: 83 Resp: 2379
Ion Ratio Lower Upper
83 100
131 6.1 4.1 12.3
85 67.4 32.1 96.3

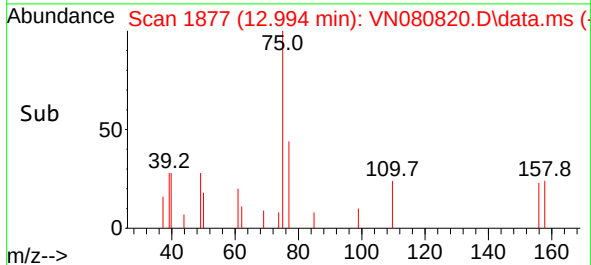
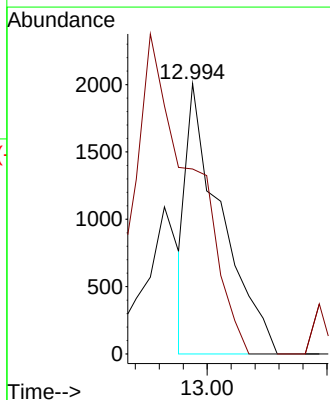
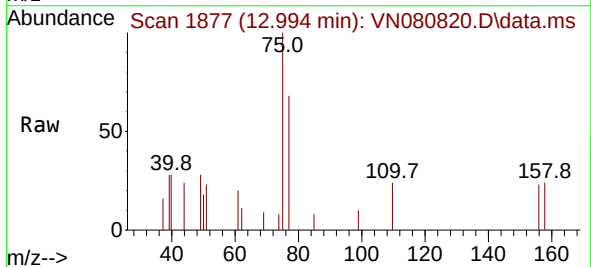
Manual Integrations
APPROVED

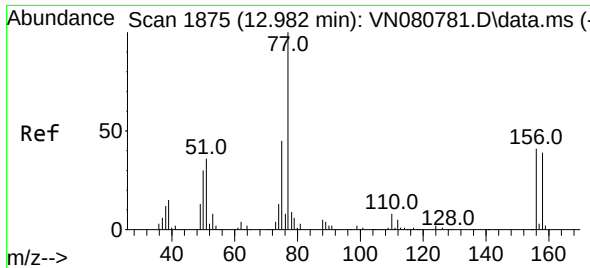
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#76
1,2,3-Trichloropropane
Concen: 1.083 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN080820.D
Acq: 30 Jan 2024 17:35

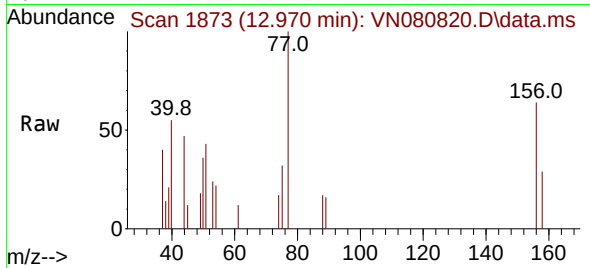
Tgt Ion: 75 Resp: 2014
Ion Ratio Lower Upper
75 100
77 202.4 91.0 272.8





#77
Bromobenzene
Concen: 1.051 ug/l
RT: 12.970 min Scan# 1873
Delta R.T. -0.012 min
Lab File: VN080820.D
Acq: 30 Jan 2024 17:35

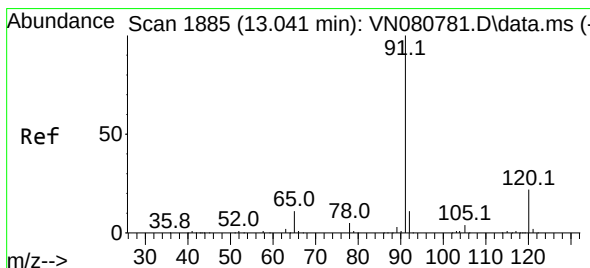
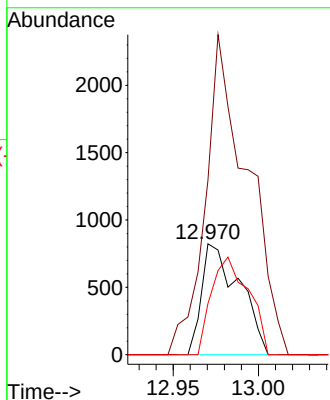
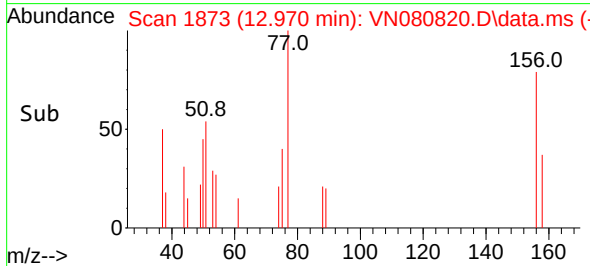
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT1-2024



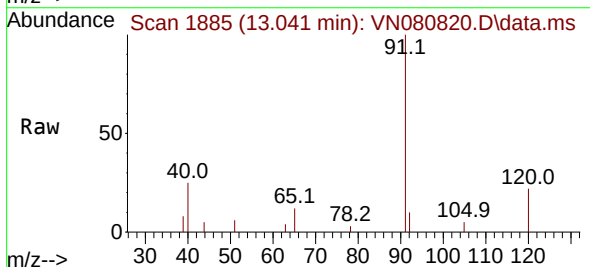
Tgt Ion:156 Resp: 1269
Ion Ratio Lower Upper
156 100
77 321.2 138.1 414.3
158 86.9 46.5 139.5

Manual Integrations
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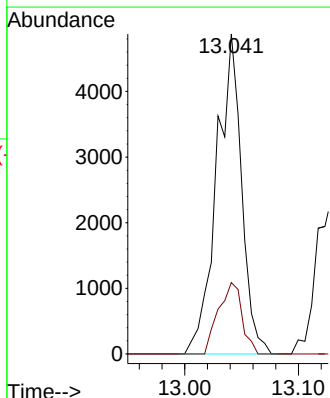
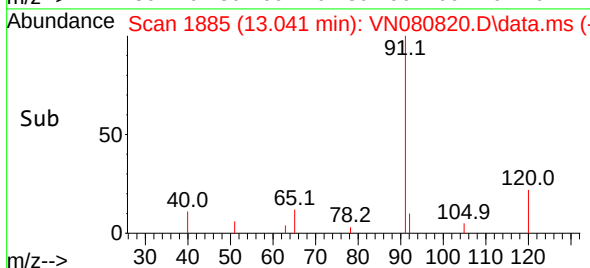
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

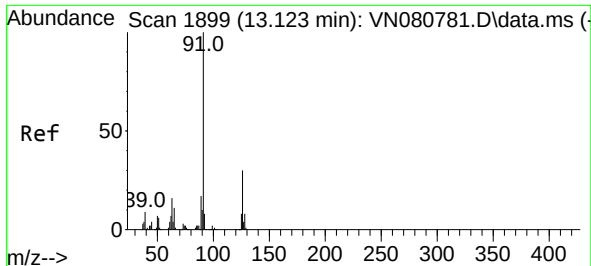


#78
n-propylbenzene
Concen: 1.104 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN080820.D
Acq: 30 Jan 2024 17:35



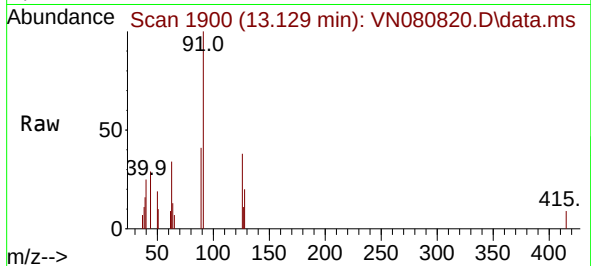
Tgt Ion: 91 Resp: 7450
Ion Ratio Lower Upper
91 100
120 21.0 10.3 30.9





#79
2-Chlorotoluene
Concen: 1.074 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN080820.D
Acq: 30 Jan 2024 17:35

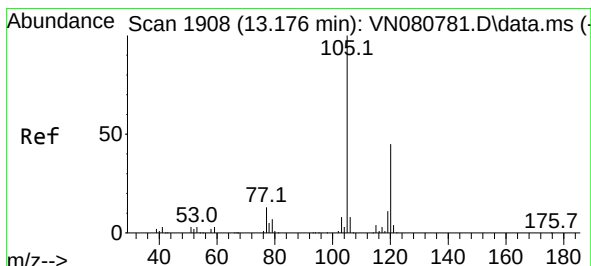
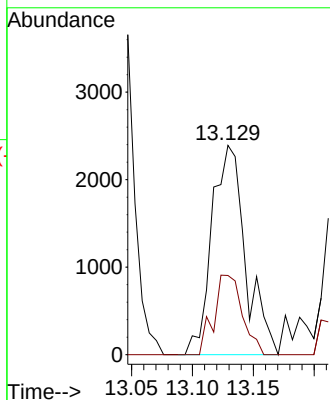
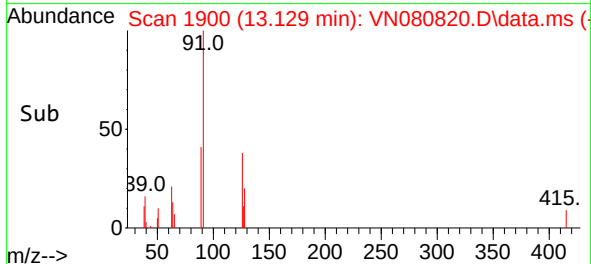
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT1-2024



Tgt Ion: 91 Resp: 4604
Ion Ratio Lower Upper
91 100
126 32.1 14.8 44.4

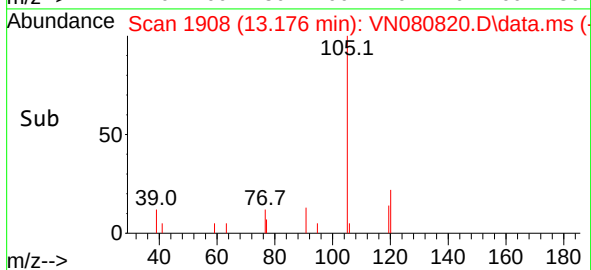
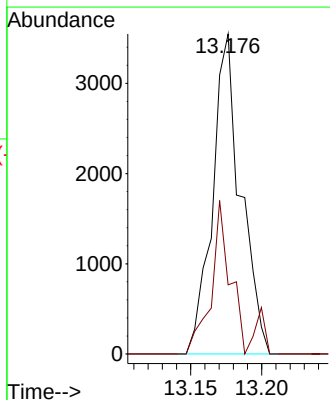
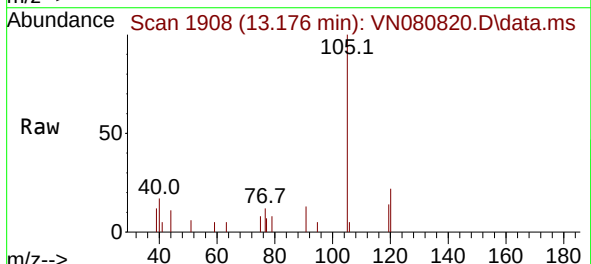
Manual Integrations
APPROVED

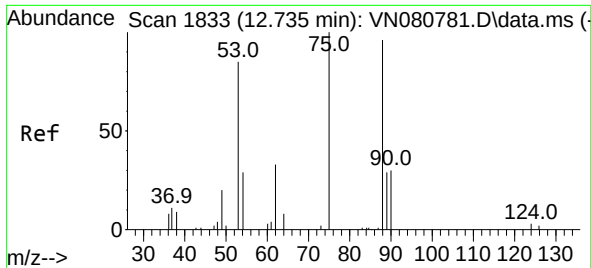
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#80
1,3,5-Trimethylbenzene
Concen: 1.088 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080820.D
Acq: 30 Jan 2024 17:35

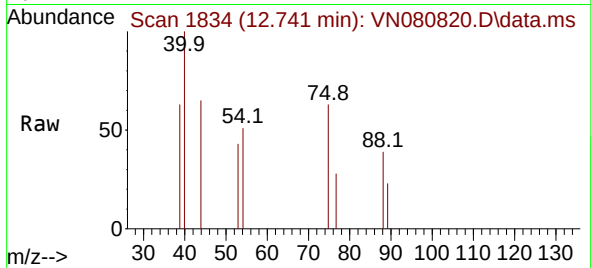
Tgt Ion:105 Resp: 4894
Ion Ratio Lower Upper
105 100
120 33.3 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 0.764 ug/l m
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN080820.D
Acq: 30 Jan 2024 17:35

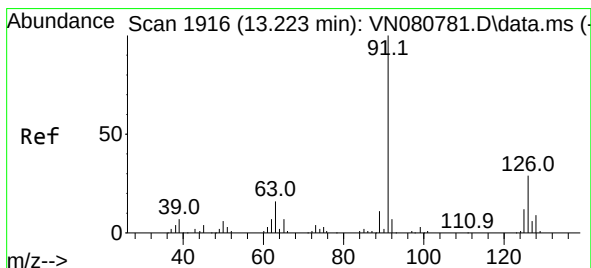
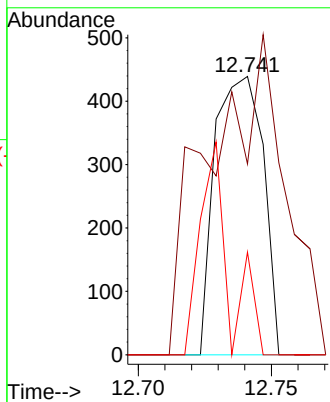
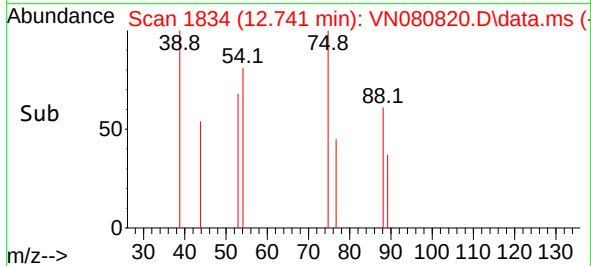
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 75 Resp: 552
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2
89 0.0 33.4 50.0

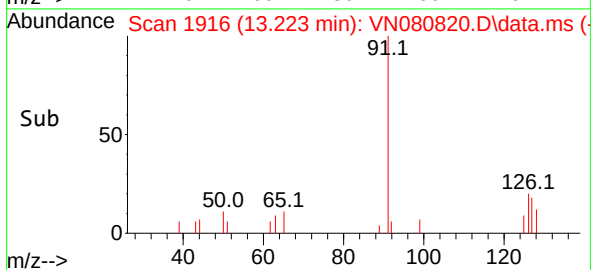
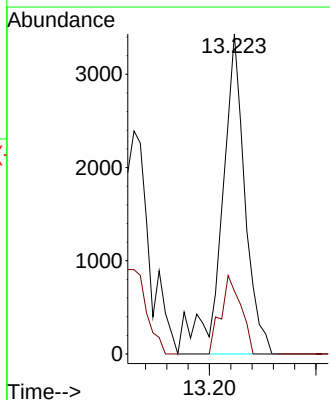
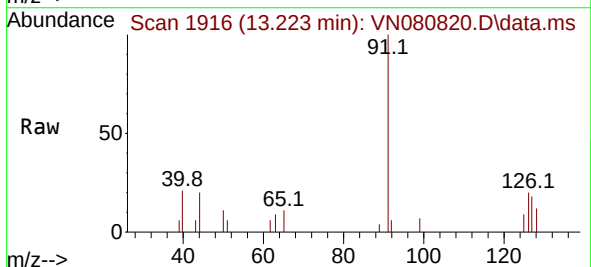
Manual Integrations
APPROVED

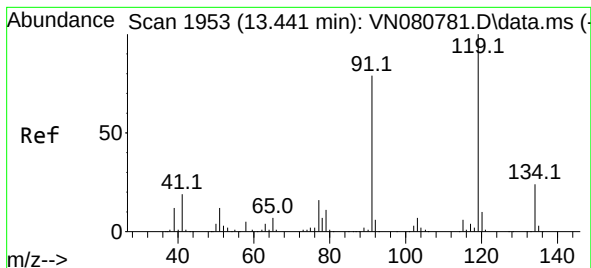
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#82
4-Chlorotoluene
Concen: 1.225 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080820.D
Acq: 30 Jan 2024 17:35

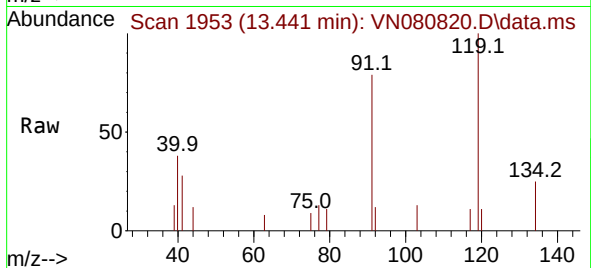
Tgt Ion: 91 Resp: 5202
Ion Ratio Lower Upper
91 100
126 21.4 15.3 45.9





#83
tert-Butylbenzene
Concen: 1.091 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080820.D
Acq: 30 Jan 2024 17:35

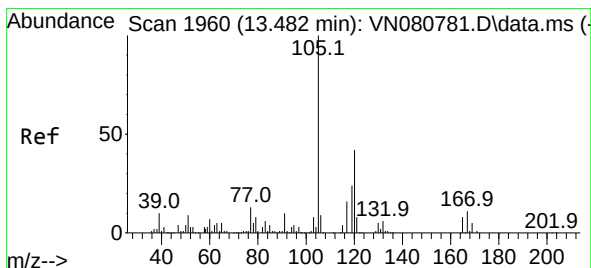
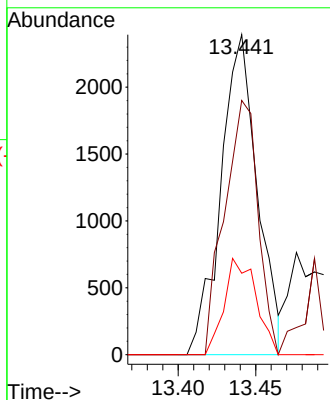
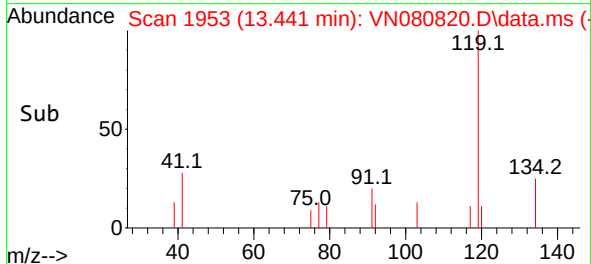
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion:119 Resp: 3920
Ion Ratio Lower Upper
119 100
91 72.9 36.8 110.4
134 26.1 12.4 37.4

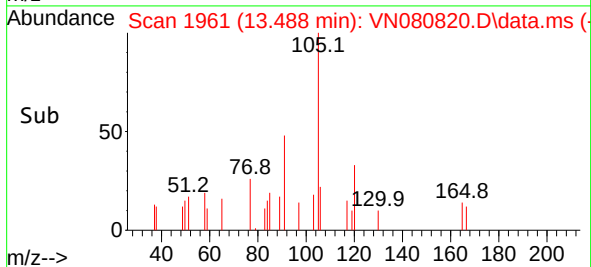
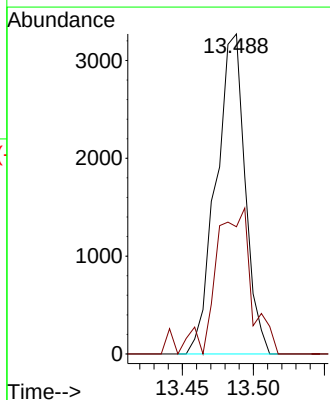
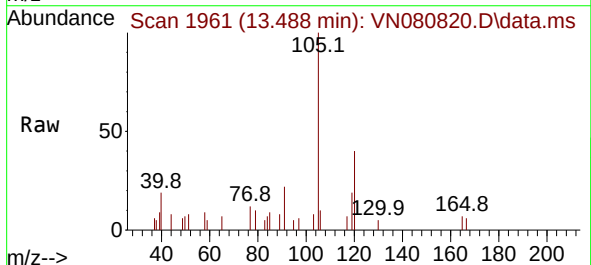
Manual Integrations
APPROVED

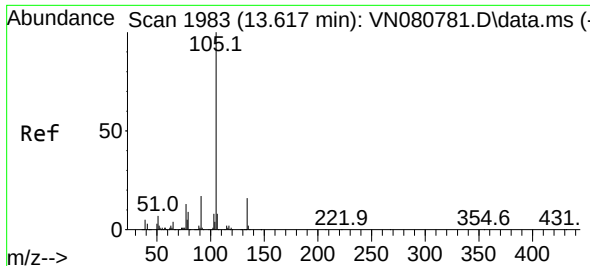
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#84
1,2,4-Trimethylbenzene
Concen: 1.021 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN080820.D
Acq: 30 Jan 2024 17:35

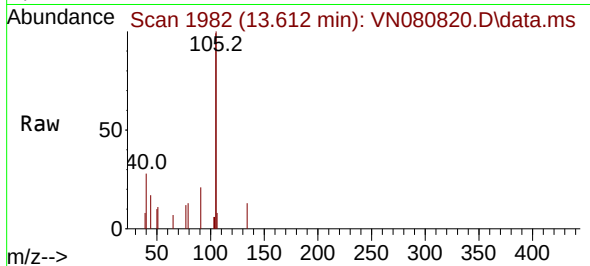
Tgt Ion:105 Resp: 4655
Ion Ratio Lower Upper
105 100
120 55.9 20.9 62.7





#85
sec-Butylbenzene
Concen: 1.171 ug/l
RT: 13.612 min Scan# 1983
Delta R.T. -0.006 min
Lab File: VN080820.D
Acq: 30 Jan 2024 17:35

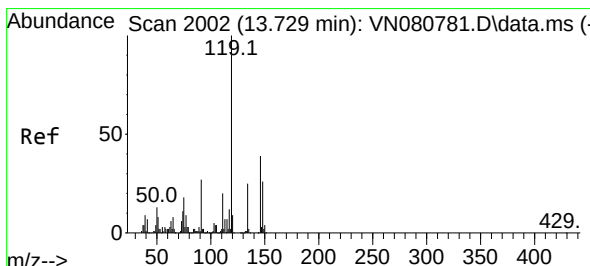
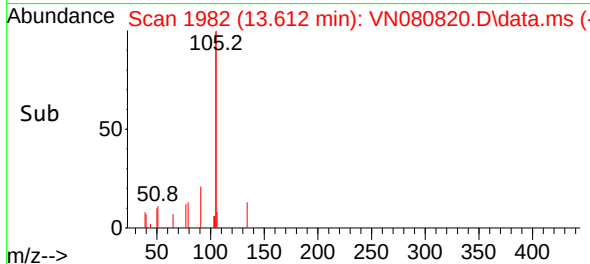
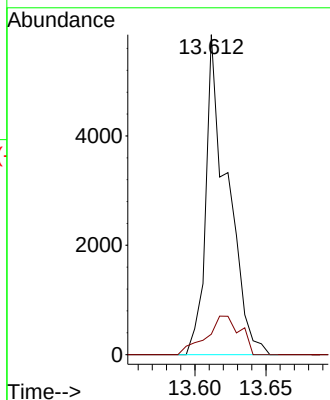
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion:105 Resp: 620
Ion Ratio Lower Upper
105 100
134 18.8 8.6 25.8

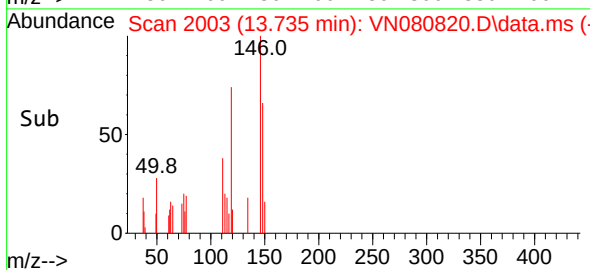
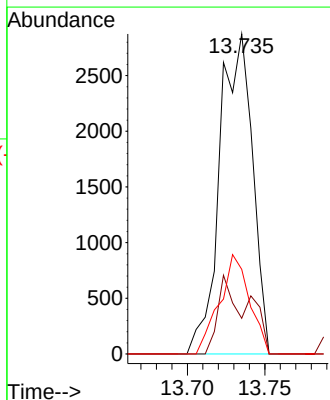
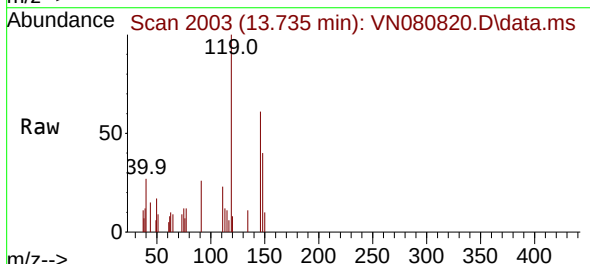
Manual Integrations
APPROVED

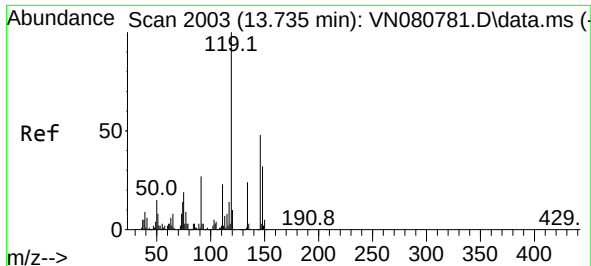
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#86
p-Isopropyltoluene
Concen: 1.026 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN080820.D
Acq: 30 Jan 2024 17:35

Tgt Ion:119 Resp: 4223
Ion Ratio Lower Upper
119 100
134 22.0 12.4 37.2
91 28.5 13.5 40.4





#87

1,3-Dichlorobenzene

Concen: 1.220 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. 0.006 min

Lab File: VN080820.D

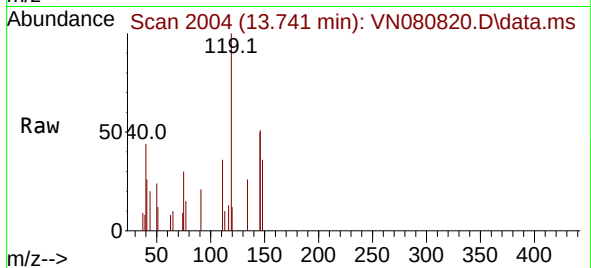
Acq: 30 Jan 2024 17:35

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2024



Tgt Ion:146 Resp: 263

Ion Ratio Lower Upper

146 100

111 45.9 23.9 71.7

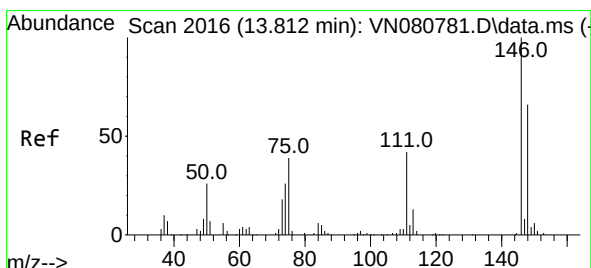
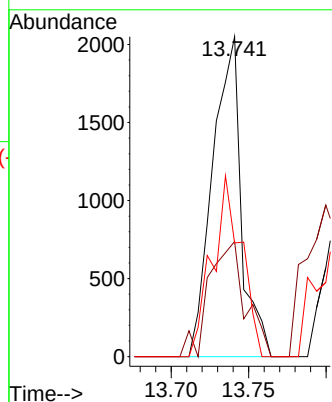
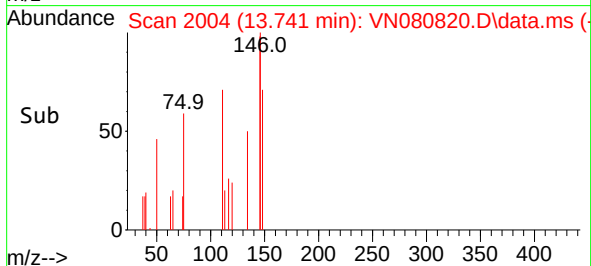
148 57.3 32.6 97.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#88

1,4-Dichlorobenzene

Concen: 0.958 ug/l m

RT: 13.817 min Scan# 2017

Delta R.T. 0.006 min

Lab File: VN080820.D

Acq: 30 Jan 2024 17:35

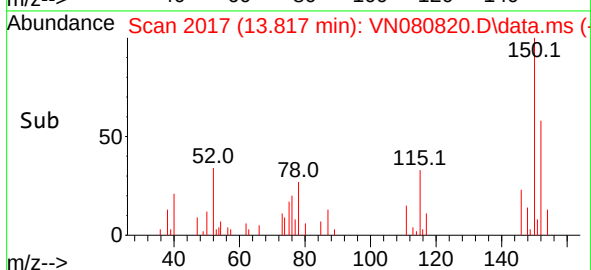
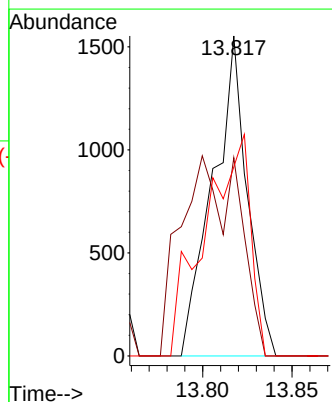
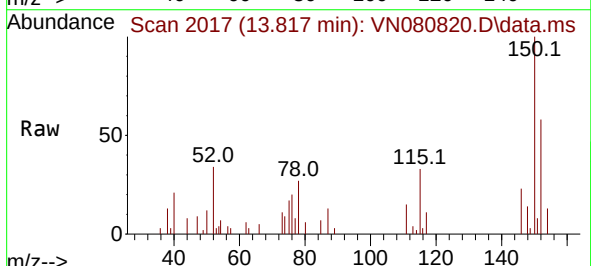
Tgt Ion:146 Resp: 2075

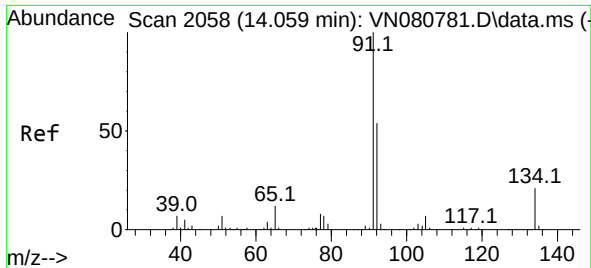
Ion Ratio Lower Upper

146 100

111 58.3 22.6 67.7

148 72.8 31.9 95.5





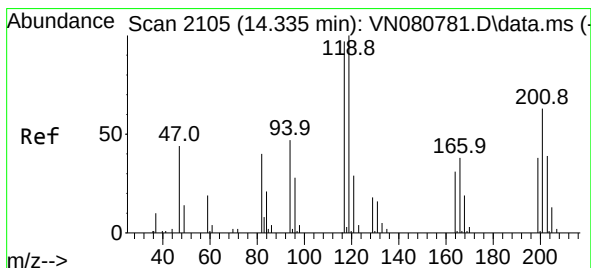
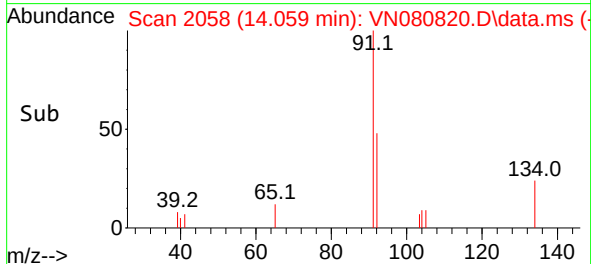
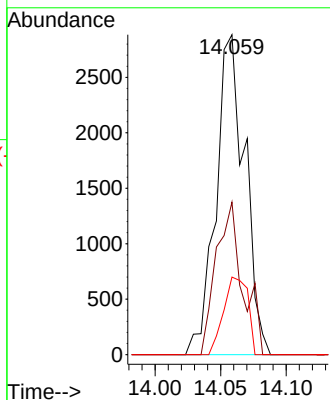
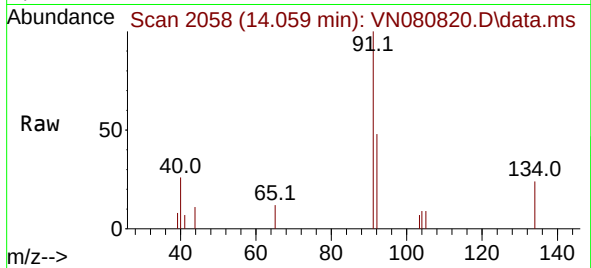
#89
n-Butylbenzene
Concen: 1.100 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080820.D
Acq: 30 Jan 2024 17:35

Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024

Tgt Ion: 91 Resp: 4429
Ion Ratio Lower Upper
91 100
92 43.7 26.7 80.1
134 20.2 10.8 32.4

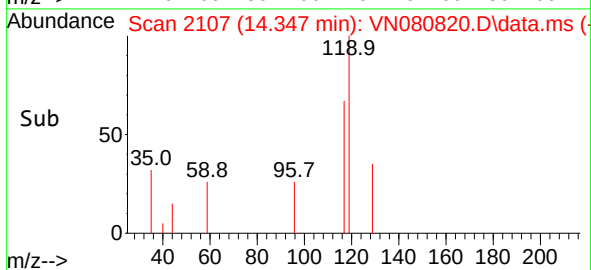
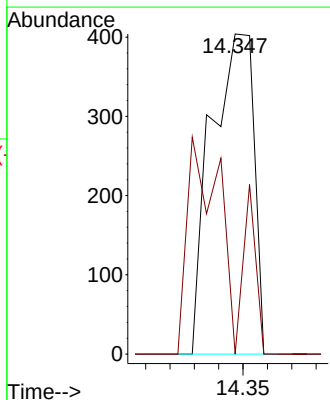
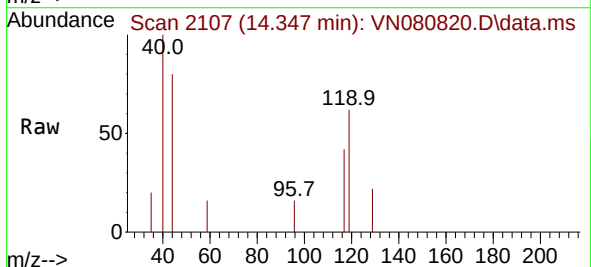
Manual Integrations
APPROVED

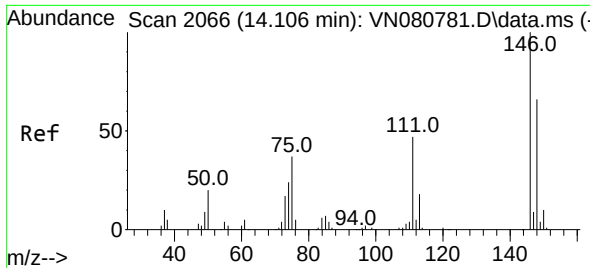
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#90
Hexachloroethane
Concen: 0.683 ug/l
RT: 14.347 min Scan# 2107
Delta R.T. 0.012 min
Lab File: VN080820.D
Acq: 30 Jan 2024 17:35

Tgt Ion:117 Resp: 492
Ion Ratio Lower Upper
117 100
201 65.4 30.0 90.0





#91

1,2-Dichlorobenzene

Concen: 1.310 ug/l

RT: 14.111 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VN080820.D

Acq: 30 Jan 2024 17:35

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2024

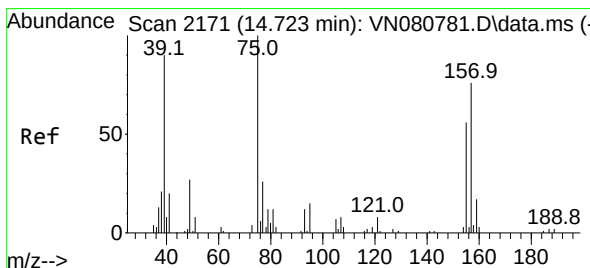
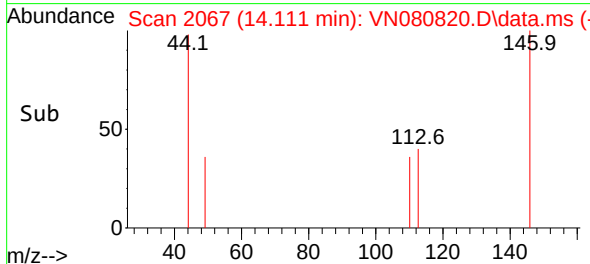
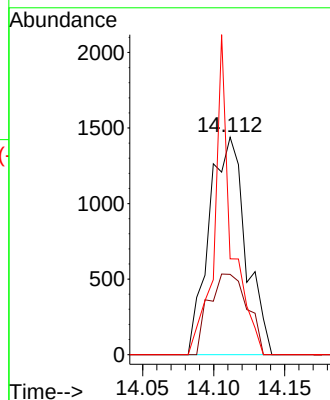
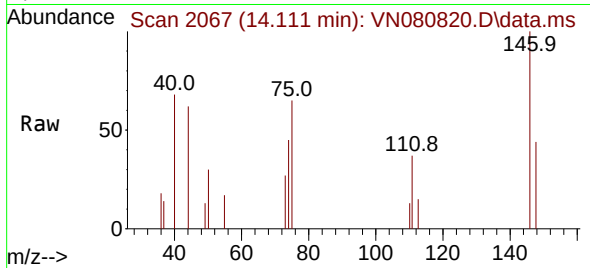
Tgt Ion:146	Resp:	2590
Ion Ratio	Lower	Upper
146	100	
111	38.7	23.9 71.8
148	67.0	31.4 94.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.781 ug/l

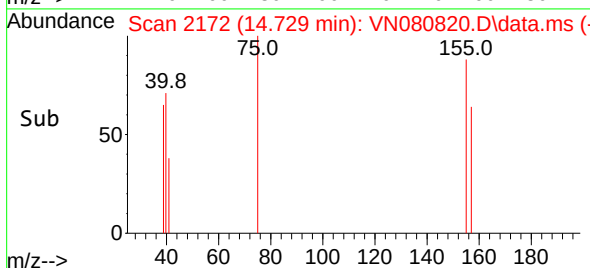
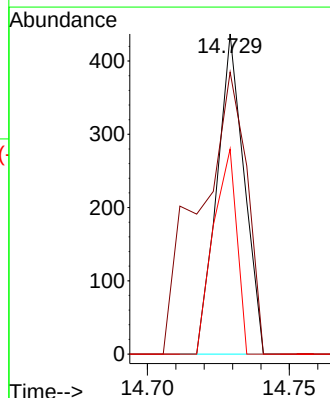
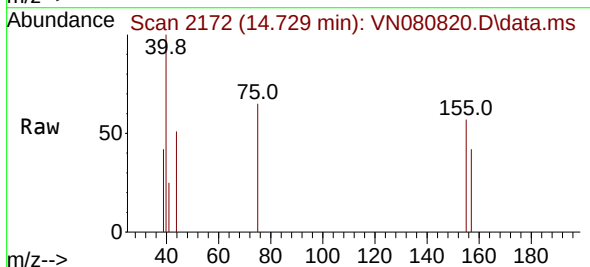
RT: 14.729 min Scan# 2172

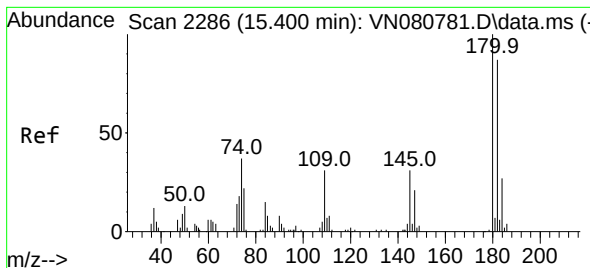
Delta R.T. 0.006 min

Lab File: VN080820.D

Acq: 30 Jan 2024 17:35

Tgt Ion: 75	Resp:	290
Ion Ratio	Lower	Upper
75	100	
155	153.1	31.8 95.4#
157	55.5	41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 0.757 ug/l

RT: 15.382 min Scan# 21

Delta R.T. -0.018 min

Lab File: VN080820.D

Acq: 30 Jan 2024 17:35

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2024

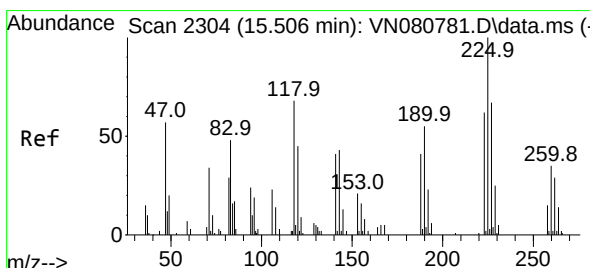
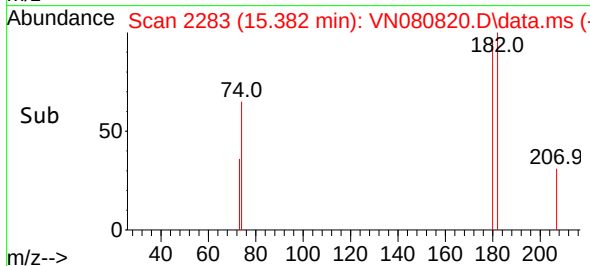
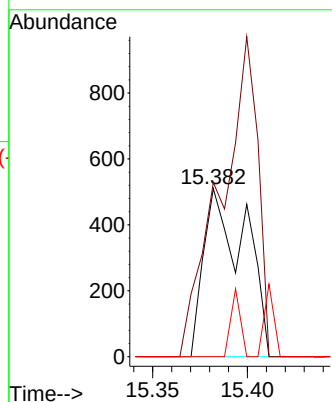
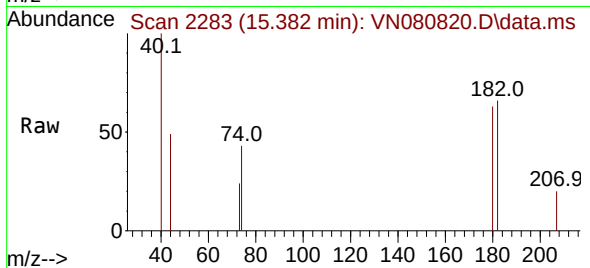
Tgt Ion:180	Resp:	770
Ion Ratio	Lower	Upper
180	100	
182	172.3	46.6 139.7
145	9.5	16.8 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#94

Hexachlorobutadiene

Concen: 1.240 ug/l

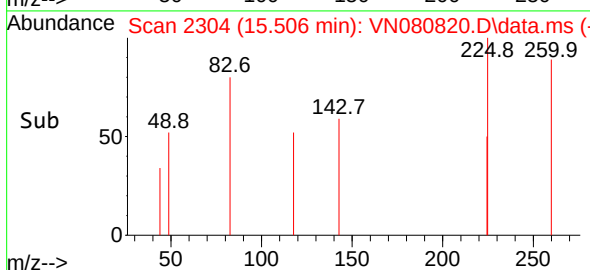
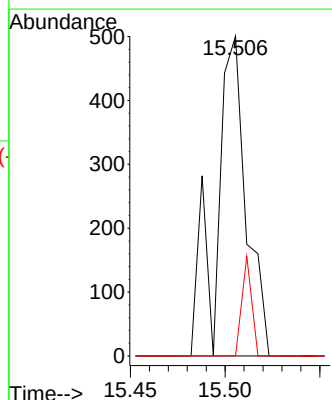
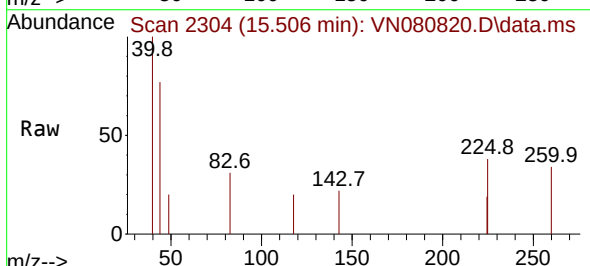
RT: 15.506 min Scan# 2304

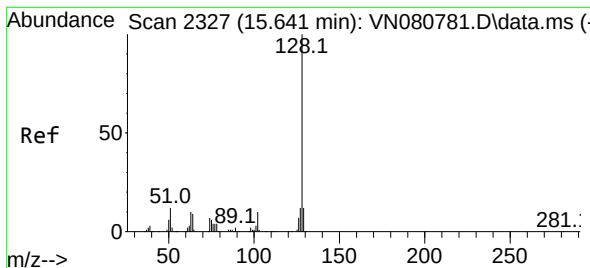
Delta R.T. -0.000 min

Lab File: VN080820.D

Acq: 30 Jan 2024 17:35

Tgt Ion:225	Resp:	551
Ion Ratio	Lower	Upper
225	100	
223	0.0	33.3 99.8#
227	10.0	33.1 99.2#





#95

Naphthalene

Concen: 0.835 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. -0.006 min

Lab File: VN080820.D

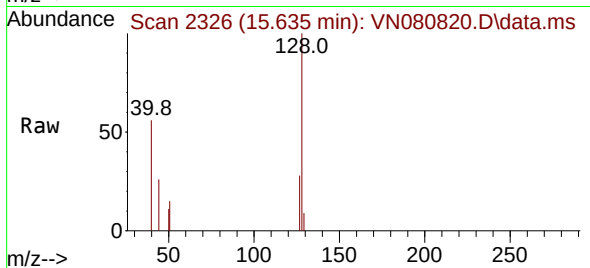
Acq: 30 Jan 2024 17:35

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2024



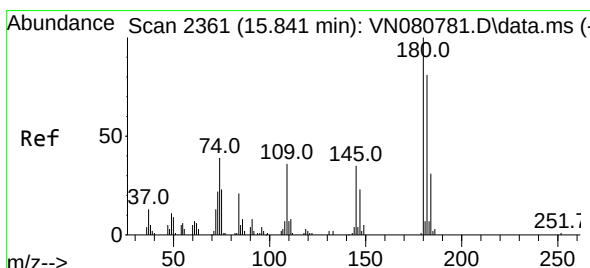
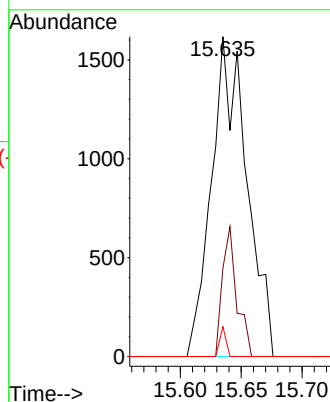
Tgt Ion:	128	Resp:	3250
Ion Ratio	Lower	Upper	
128	100		
127	16.7	10.0	15.0
129	1.6	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#96

1,2,3-Trichlorobenzene

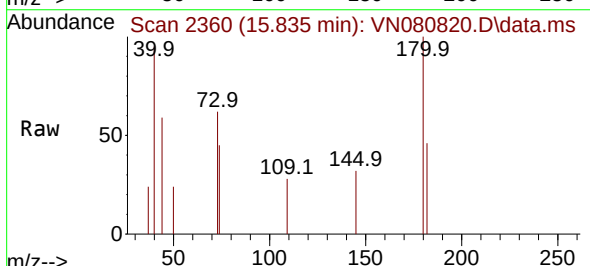
Concen: 1.169 ug/l m

RT: 15.835 min Scan# 2360

Delta R.T. -0.006 min

Lab File: VN080820.D

Acq: 30 Jan 2024 17:35



Tgt Ion:	180	Resp:	1169
Ion Ratio	Lower	Upper	
180	100		
182	88.7	46.5	139.3
145	0.0	17.8	53.4

