

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092722\
 Data File : VN074639.D
 Acq On : 27 Sep 2022 20:06
 Operator : JC\MD
 Sample : N3980-08 LOQ 5.0
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT3-2022

Quant Time: Sep 28 08:09:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 28 07:48:31 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/28/2022
 Supervised By : Mahesh Dadoda 09/28/2022

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

Internal Standards						
1) Bromochloromethane	7.487	128	101127	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.828	114	599038	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.622	117	526635	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.287	65	296027	31.046	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 103.500%			
60) 4-Bromofluorobenzene	12.610	95	270148	26.408	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 88.033%			
63) Toluene-d8	10.310	98	930100	31.311	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 104.367%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.999	85	36276	6.104	ug/l	99
3) Chloromethane	2.216	50	59815	6.854	ug/l	97
4) Vinyl Chloride	2.352	62	80098	7.169	ug/l	97
5) Bromomethane	2.734	94	61086	8.482	ug/l	99
6) Chloroethane	2.893	64	55292	7.001	ug/l	98
7) Trichlorofluoromethane	3.246	101	58695	5.656	ug/l #	82
8) Diethyl Ether	3.681	74	28556	5.217	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.051	101	35613m	5.353	ug/l	
10) 1,1-Dichloroethene	4.022	96	36267	5.287	ug/l #	87
11) Methyl Iodide	4.251	142	41694	4.745	ug/l	91
12) Methyl Acetate	4.675	43	89481	6.092	ug/l	93
13) Acrolein	3.899	56	44823m	37.495	ug/l	
14) Acrylonitrile	5.369	53	170352	28.615	ug/l	99
15) Acetone	4.122	58	43970	28.121	ug/l	92
16) Carbon Disulfide	4.351	76	109185	5.663	ug/l	99
17) Allyl chloride	4.657	41	74830	5.349	ug/l	91
18) Methylene Chloride	4.910	84	56248	6.432	ug/l #	77
19) trans-1,2-Dichloroethene	5.410	96	41780	5.389	ug/l #	74
20) Diisopropyl ether	6.310	45	164528	5.377	ug/l #	92
21) 1,1-Dichloroethane	6.198	63	84720	5.482	ug/l	95
22) cis-1,2-Dichloroethene	7.151	96	51345	5.489	ug/l	97
23) tert-Butyl Alcohol	5.187	59	79050m	32.247	ug/l	
24) Methyl tert-Butyl Ether	5.428	73	151437	5.327	ug/l	99
25) Chloroform	7.663	83	78508	5.125	ug/l	100
26) Cyclohexane	7.934	56	77180	5.554	ug/l #	98
29) 1,1-Dichloropropene	8.063	75	57916	5.176	ug/l	97
30) 2-Butanone	7.163	43	240192	28.137	ug/l	99
31) 2,2-Dichloropropane	7.145	77	66434m	4.974	ug/l	
32) 1,1,1-Trichloroethane	7.851	97	70436	5.329	ug/l	99
33) Carbon Tetrachloride	8.051	117	56854	5.143	ug/l #	87
34) Benzene	8.310	78	195523	5.279	ug/l #	85
35) Methacrylonitrile	7.481	41	41628	5.126	ug/l	84
36) 1,2-Dichloroethane	8.386	62	63093	5.216	ug/l #	90
37) Trichloroethene	9.075	130	41323	5.254	ug/l	92
38) Methylcyclohexane	9.322	83	74441	5.141	ug/l	97
39) 1,2-Dichloropropane	9.357	63	53351m	5.440	ug/l	
40) Dibromomethane	9.445	93	34782	5.497	ug/l	73
41) Bromodichloromethane	9.633	83	67875	5.396	ug/l	95
42) Vinyl Acetate	6.245	43	753555m	27.157	ug/l	

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 LOQ-WATER-02-QT3-2022

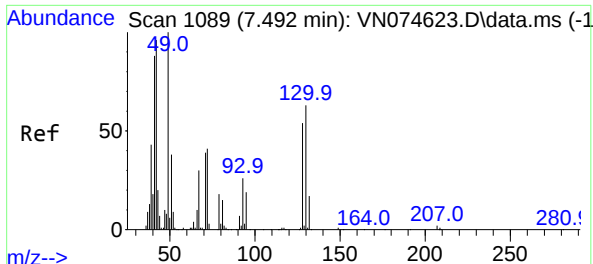
Quant Time: Sep 28 08:09:14 2022
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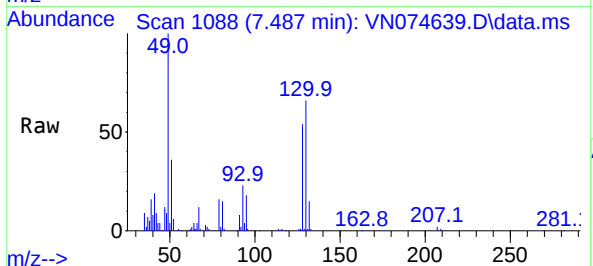
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.245	43	104733	6.335	ug/l #	79
44) Isopropyl Acetate	8.416	43	144505	5.382	ug/l	98
45) 1,4-Dioxane	9.433	88	24677	107.708	ug/l	92
46) Methyl methacrylate	9.428	41	61240	5.477	ug/l	93
47) n-amyl Acetate	12.269	43	120366	4.898	ug/l	100
48) t-1,3-Dichloropropene	10.598	75	70972	4.648	ug/l	99
49) cis-1,3-Dichloropropene	10.057	75	75876	4.775	ug/l	96
50) 1,1,2-Trichloroethane	10.775	97	48596	5.282	ug/l	93
51) Ethyl methacrylate	10.639	69	85389	4.950	ug/l	96
52) 1,3-Dichloropropane	10.922	76	83741	5.136	ug/l	96
53) Dibromochloromethane	11.116	129	45531	4.683	ug/l	99
54) 1,2-Dibromoethane	11.216	107	46928	4.931	ug/l	99
55) 2-Chloroethyl vinyl ether	9.916	63	161902	24.185	ug/l	98
56) Bromoform	12.333	173	28776	3.786	ug/l	92
58) 4-Methyl-2-Pentanone	10.204	43	480261	29.386	ug/l	98
59) 2-Hexanone	10.963	43	356397	28.155	ug/l	99
61) Tetrachloroethene	10.845	164	29313	4.990	ug/l	87
62) Toluene	10.375	91	195330	5.065	ug/l	100
64) Chlorobenzene	11.645	112	112404	5.087	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.716	131	40779	4.912	ug/l	95
66) Ethyl Benzene	11.722	91	203835	4.978	ug/l	94
67) m/p-Xylenes	11.827	106	149199	9.074	ug/l	99
68) o-Xylene	12.157	106	81716	4.881	ug/l	97
69) Styrene	12.174	104	120865	4.292	ug/l	99
70) Isopropylbenzene	12.457	105	184762	4.326	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.704	83	80471	5.308	ug/l	97
72) 1,2,3-Trichloropropane	12.757	75	68450m	5.964	ug/l	
73) Bromobenzene	12.733	156	41101	4.790	ug/l	97
74) n-propylbenzene	12.798	91	208647	4.336	ug/l	100
75) 2-Chlorotoluene	12.880	91	135284	4.634	ug/l	98
76) 1,3,5-Trimethylbenzene	12.939	105	149636	4.155	ug/l	96
77) t-1,4-Dichloro-2-butene	12.504	75	25509	4.291	ug/l	99
78) 4-Chlorotoluene	12.980	91	118915	4.065	ug/l	98
79) tert-butylbenzene	13.198	119	130327	4.137	ug/l	98
80) 1,2,4-Trimethylbenzene	13.245	105	143308	4.029	ug/l	99
81) sec-Butylbenzene	13.374	105	180425	4.045	ug/l	97
82) p-Isopropyltoluene	13.492	119	138738	3.781	ug/l	97
83) 1,3-Dichlorobenzene	13.492	146	67773	3.843	ug/l	99
84) 1,4-Dichlorobenzene	13.569	146	65194	3.717	ug/l	95
85) n-Butylbenzene	13.821	91	115800	3.699	ug/l	98
86) Hexachloroethane	14.086	117	31003	4.387	ug/l	93
87) 1,2-Dichlorobenzene	13.863	146	70727	3.921	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.480	75	14892	4.690	ug/l	92
89) 1,2,4-Trichlorobenzene	15.133	180	30498	4.053	ug/l	98
90) Hexachlorobutadiene	15.239	225	16669	5.028	ug/l	89
91) Naphthalene	15.368	128	138719	4.395	ug/l	96
92) 1,2,3-Trichlorobenzene	15.557	180	29226m	3.874	ug/l	

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.487 min Scan# 1088
Delta R.T. -0.005 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

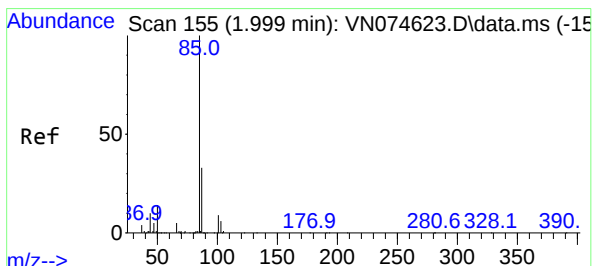
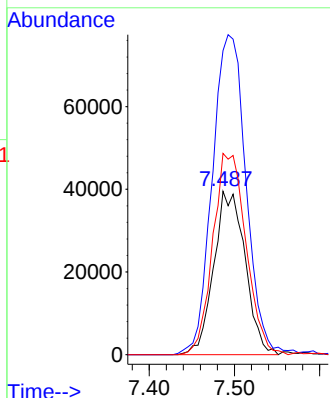
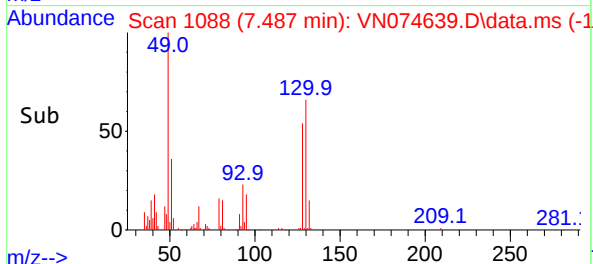
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2022



Tgt Ion:128 Resp: 10112
Ion Ratio Lower Upper
128 100
49 210.2 0.0 492.0
130 130.2 0.0 313.3

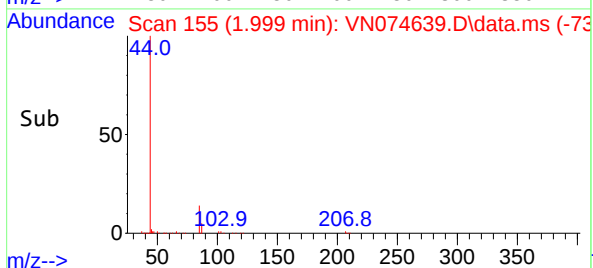
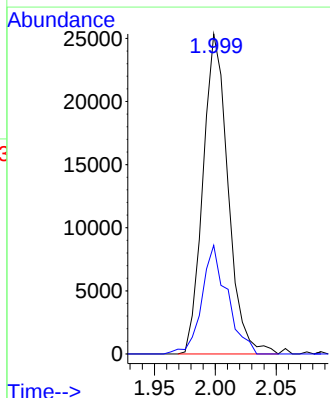
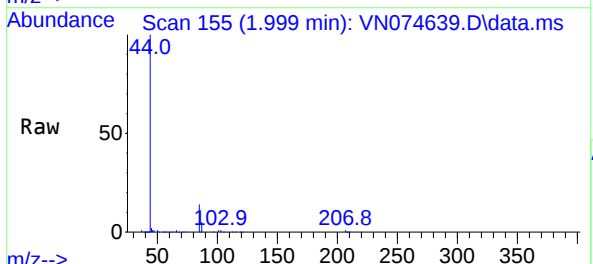
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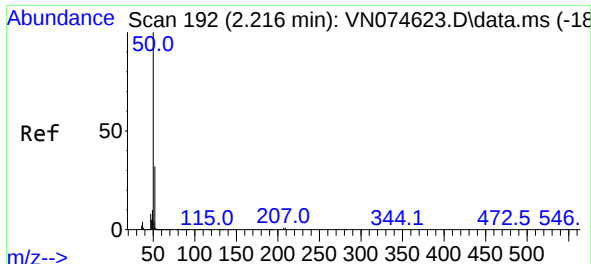
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#2
Dichlorodifluoromethane
Concen: 6.104 ug/l
RT: 1.999 min Scan# 155
Delta R.T. 0.000 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

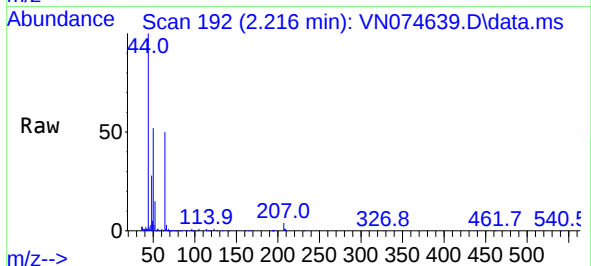
Tgt Ion: 85 Resp: 36276
Ion Ratio Lower Upper
85 100
87 33.9 16.7 50.1





#3
Chloromethane
Concen: 6.854 ug/l
RT: 2.216 min Scan# 192
Delta R.T. 0.000 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

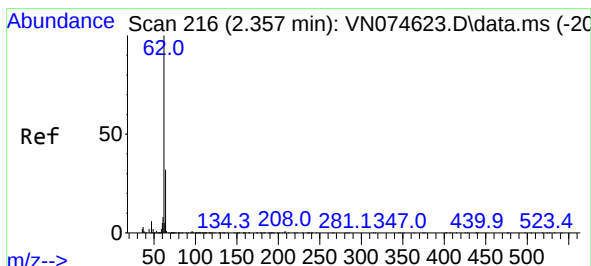
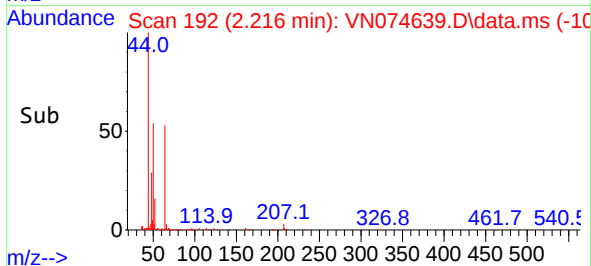
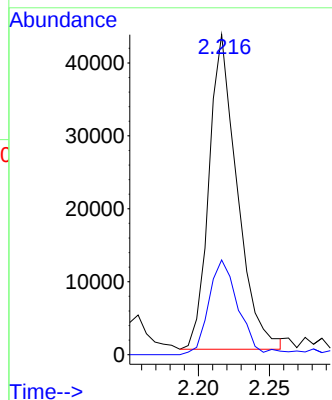
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion: 50 Resp: 5981
Ion Ratio Lower Upper
50 100
52 30.3 25.5 38.3

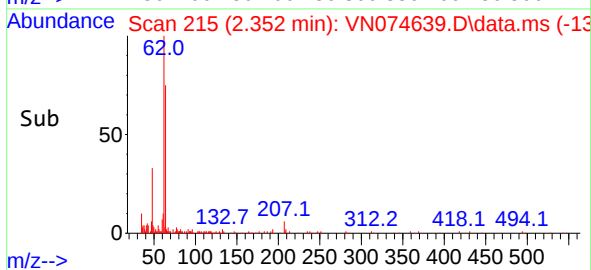
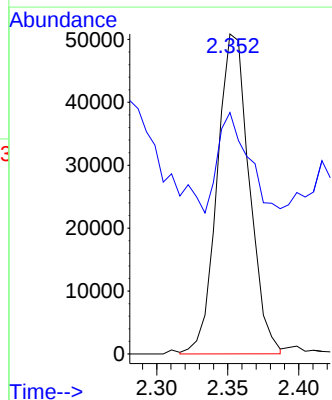
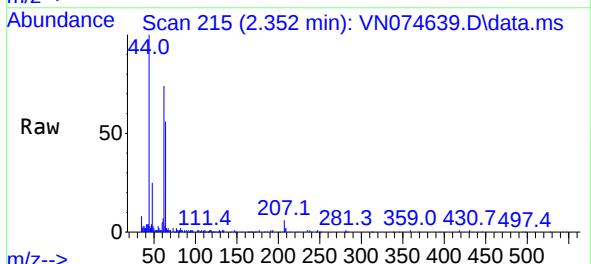
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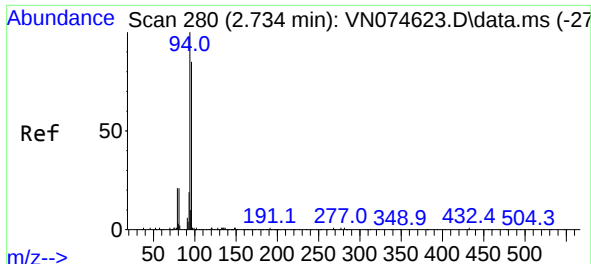
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#4
Vinyl Chloride
Concen: 7.169 ug/l
RT: 2.352 min Scan# 215
Delta R.T. -0.006 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

Tgt Ion: 62 Resp: 80098
Ion Ratio Lower Upper
62 100
64 30.2 25.6 38.4





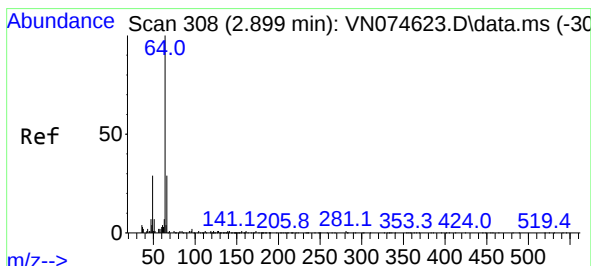
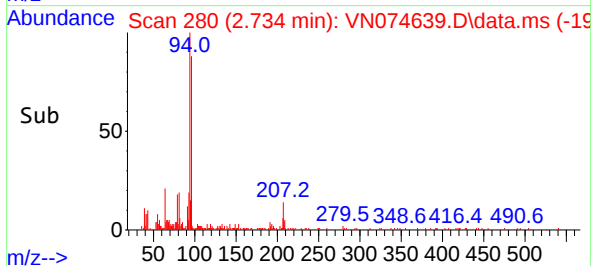
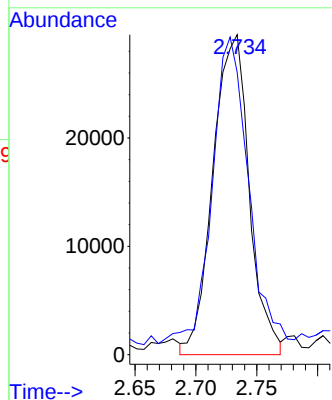
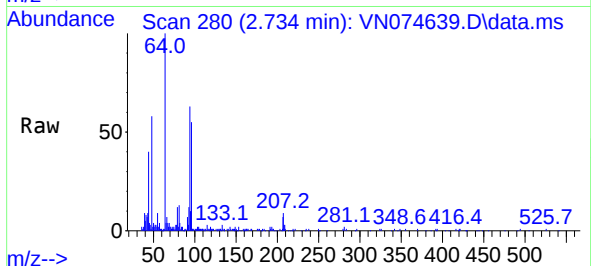
#5
Bromomethane
Concen: 8.482 ug/l
RT: 2.734 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2022

Tgt Ion: 94 Resp: 61080
Ion Ratio Lower Upper
94 100
96 84.3 68.3 102.5

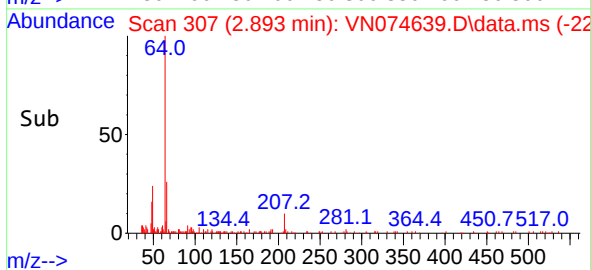
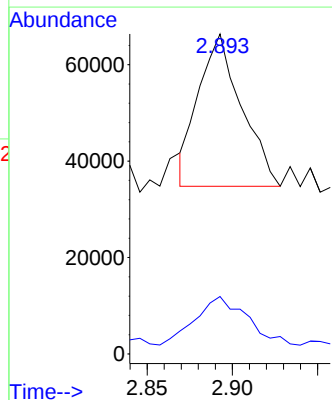
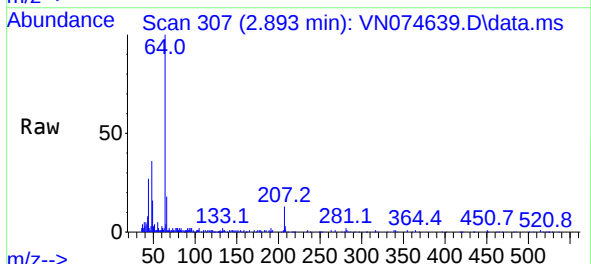
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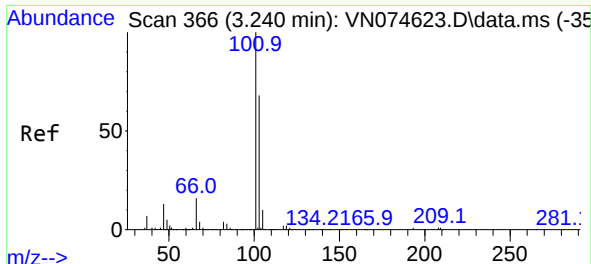
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#6
Chloroethane
Concen: 7.001 ug/l
RT: 2.893 min Scan# 307
Delta R.T. -0.006 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

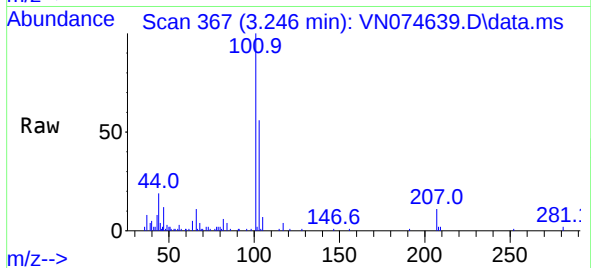
Tgt Ion: 64 Resp: 55292
Ion Ratio Lower Upper
64 100
66 26.3 21.8 32.8





#7
Trichlorofluoromethane
Concen: 5.656 ug/l
RT: 3.246 min Scan# 366
Delta R.T. 0.006 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

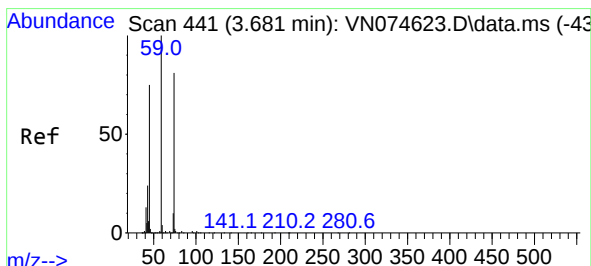
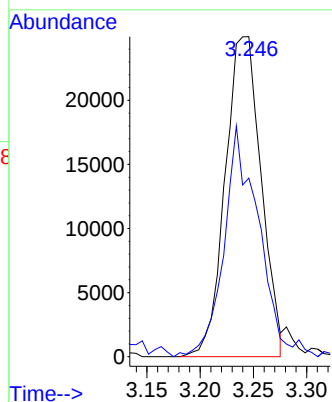
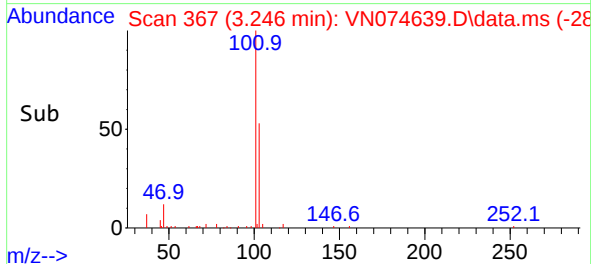
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:101 Resp: 5869
Ion Ratio Lower Upper
101 100
103 53.7 54.8 82.2

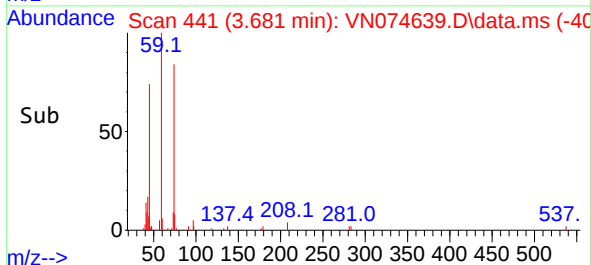
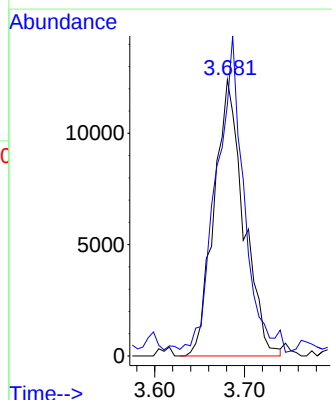
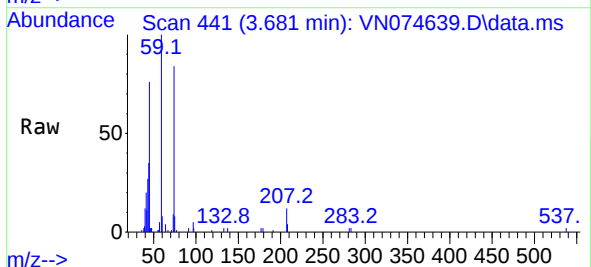
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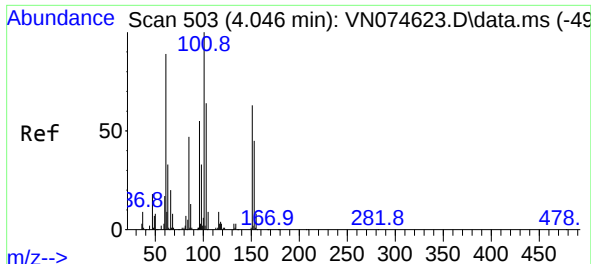
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#8
Diethyl Ether
Concen: 5.217 ug/l
RT: 3.681 min Scan# 441
Delta R.T. 0.000 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

Tgt Ion: 74 Resp: 28556
Ion Ratio Lower Upper
74 100
45 106.0 19.0 171.0





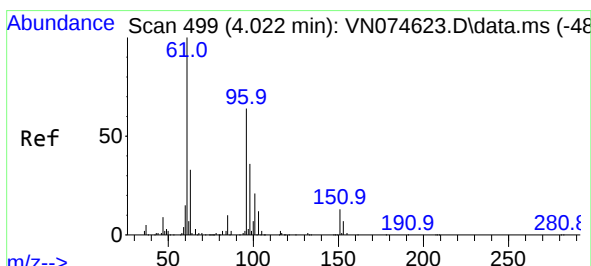
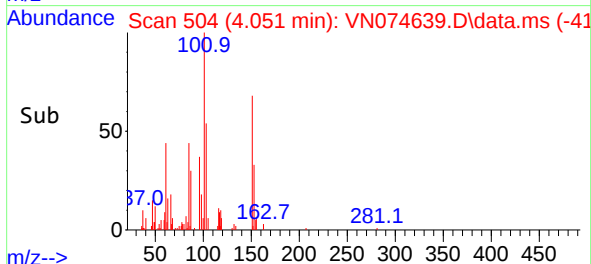
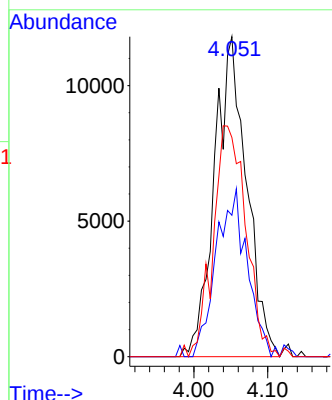
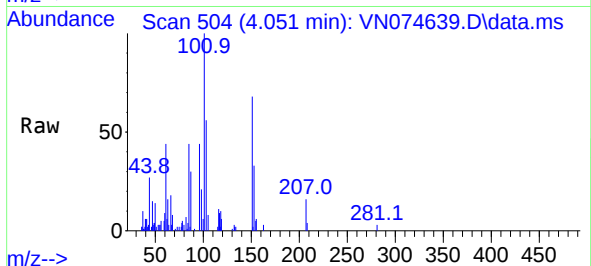
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.353 ug/l m
RT: 4.051 min Scan# 503
Delta R.T. 0.006 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2022

Tgt Ion: 101 Resp: 3561
Ion Ratio Lower Upper
101 100
85 0.0 0.0 94.6
151 65.6 0.0 144.8

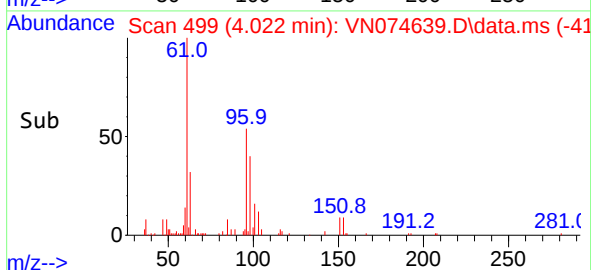
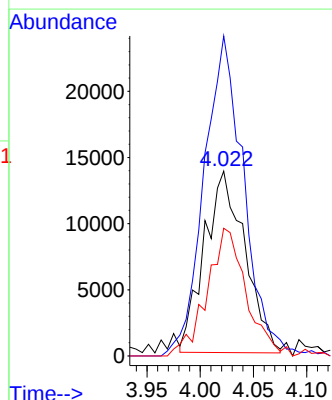
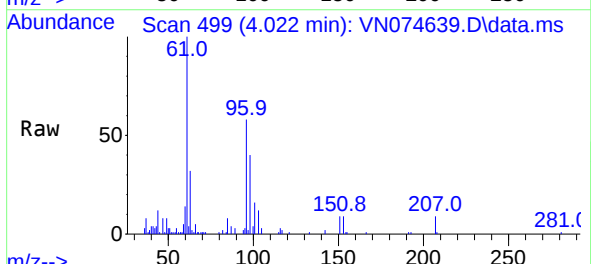
Manual Integrations
APPROVED

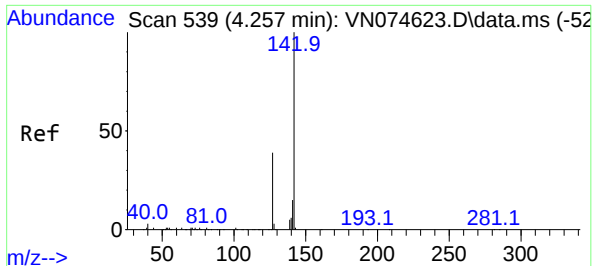
Reviewed By : John Carlone 09/28/2022
Supervised By : Mahesh Dadoda 09/28/2022



#10
1,1-Dichloroethene
Concen: 5.287 ug/l
RT: 4.022 min Scan# 499
Delta R.T. 0.000 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

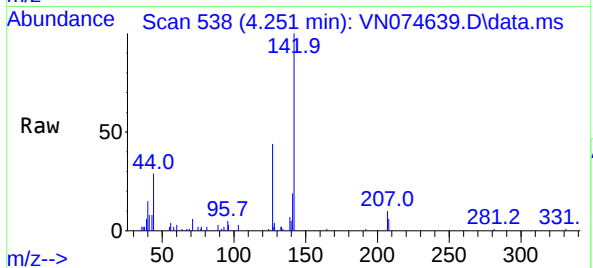
Tgt Ion: 96 Resp: 36267
Ion Ratio Lower Upper
96 100
61 170.8 125.5 188.3
98 69.2 45.0 67.4





#11
Methyl Iodide
Concen: 4.745 ug/l
RT: 4.251 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

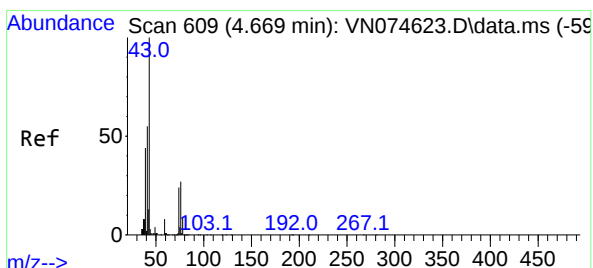
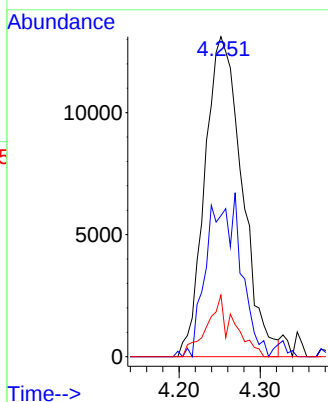
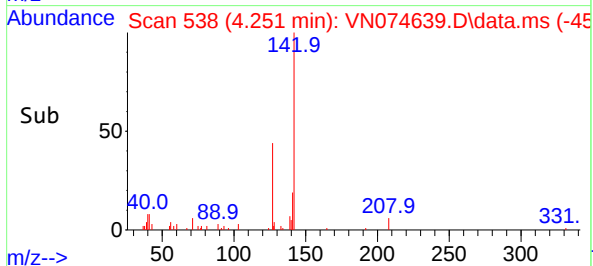
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:142 Resp: 41694
Ion Ratio Lower Upper
142 100
127 44.0 19.3 57.8
141 19.8 7.7 23.1

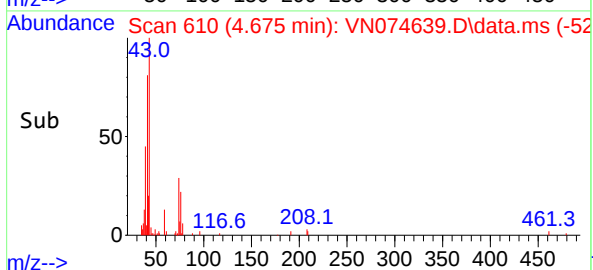
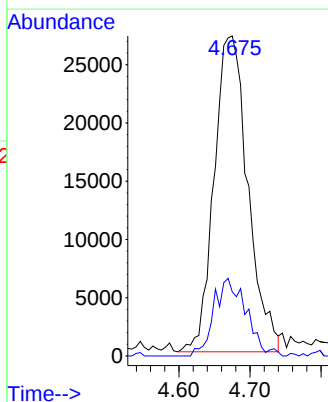
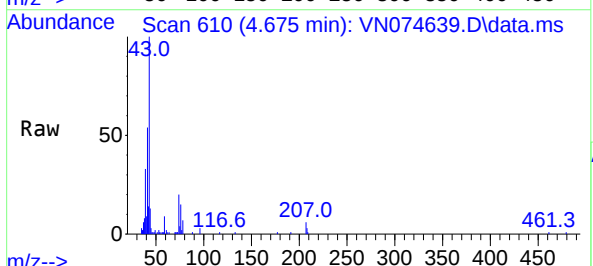
Manual Integrations
APPROVED

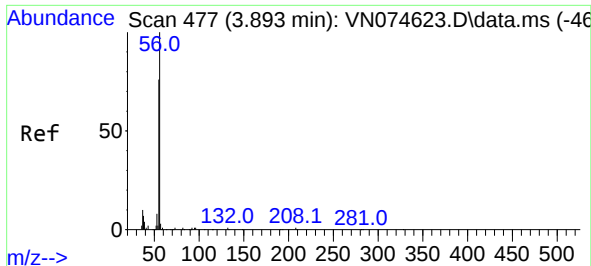
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#12
Methyl Acetate
Concen: 6.092 ug/l
RT: 4.675 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

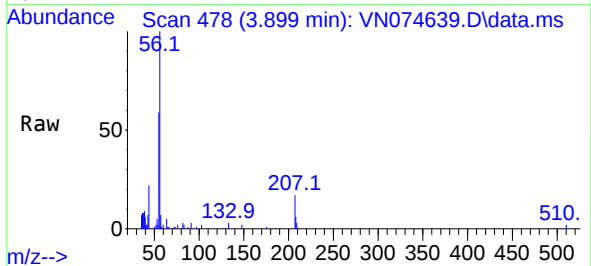
Tgt Ion: 43 Resp: 89481
Ion Ratio Lower Upper
43 100
74 20.2 19.0 28.6





#13
Acrolein
Concen: 37.495 ug/l m
RT: 3.899 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

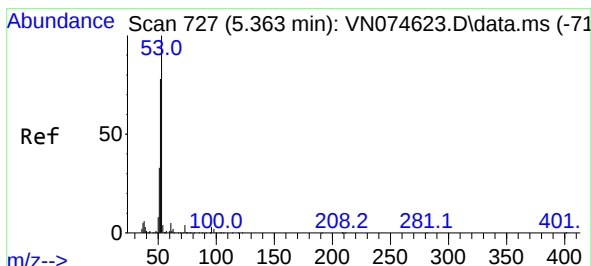
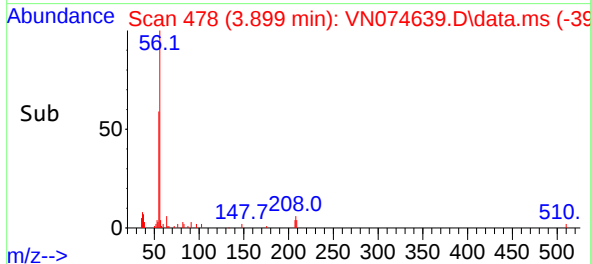
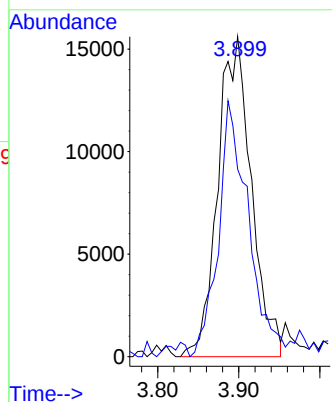
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion: 56 Resp: 4482
Ion Ratio Lower Upper
56 100
55 1.0 56.2 84.2

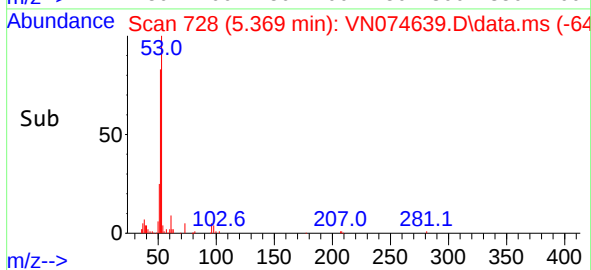
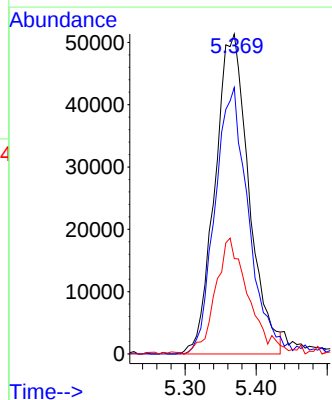
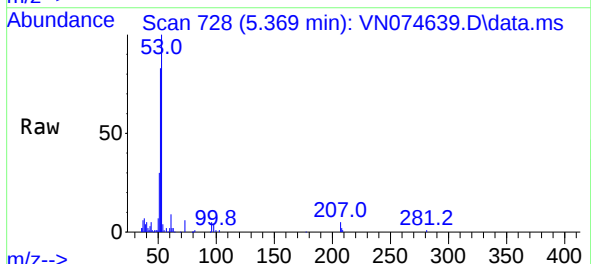
Manual Integrations
APPROVED

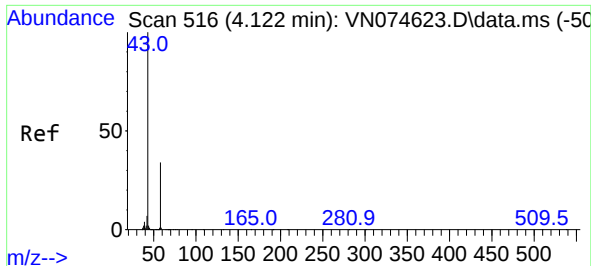
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#14
Acrylonitrile
Concen: 28.615 ug/l
RT: 5.369 min Scan# 728
Delta R.T. 0.006 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

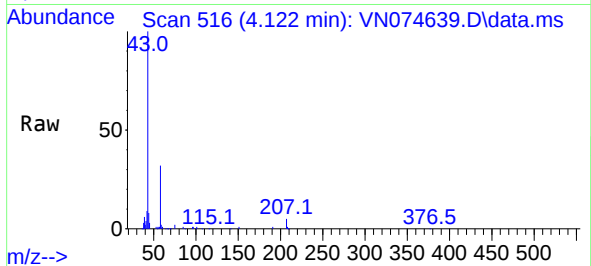
Tgt Ion: 53 Resp: 170352
Ion Ratio Lower Upper
53 100
52 82.2 40.8 122.4
51 33.5 17.0 51.0





#15
Acetone
Concen: 28.121 ug/l
RT: 4.122 min Scan# 516
Delta R.T. 0.000 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

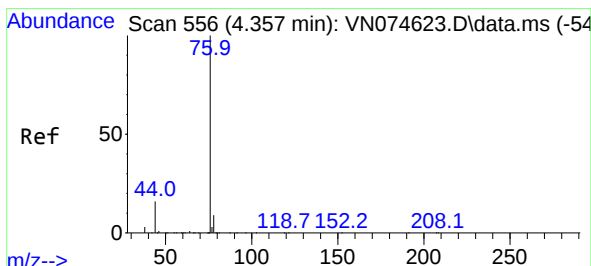
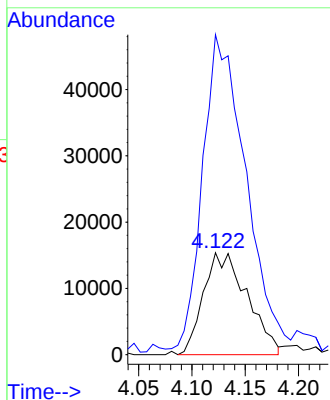
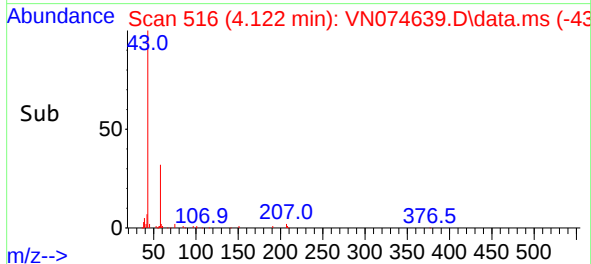
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion: 58 Resp: 43970
Ion Ratio Lower Upper
58 100
43 304.8 232.2 348.4

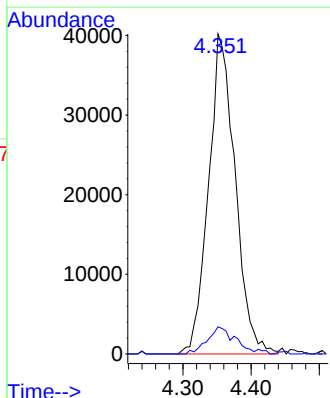
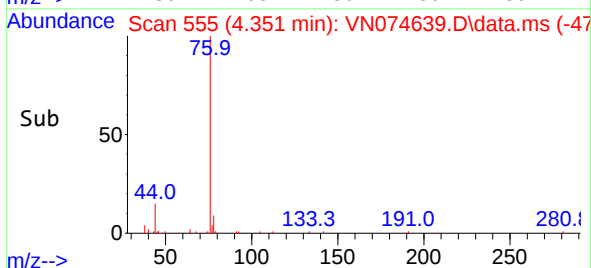
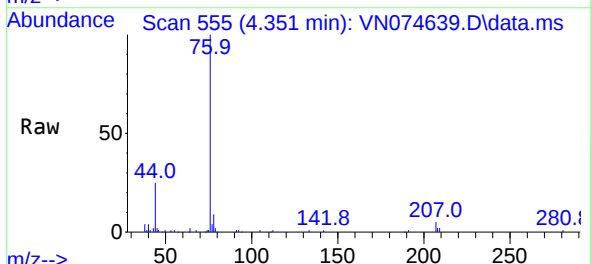
Manual Integrations
APPROVED

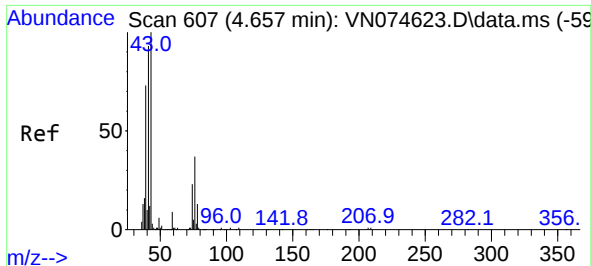
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#16
Carbon Disulfide
Concen: 5.663 ug/l
RT: 4.351 min Scan# 555
Delta R.T. -0.006 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

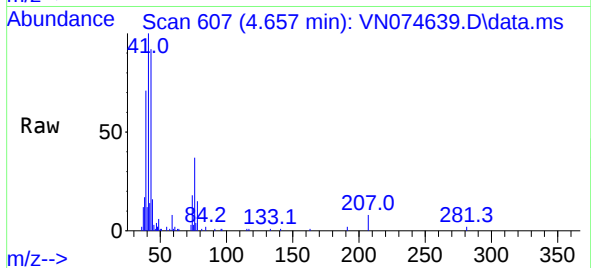
Tgt Ion: 76 Resp: 109185
Ion Ratio Lower Upper
76 100
78 8.5 7.2 10.8





#17
Allyl chloride
Concen: 5.349 ug/l
RT: 4.657 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

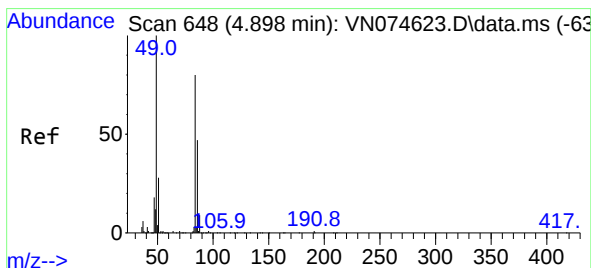
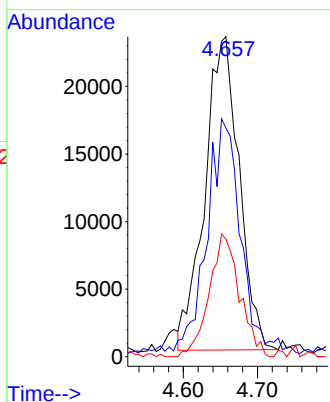
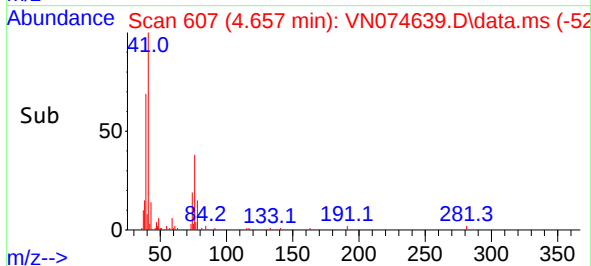
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2022



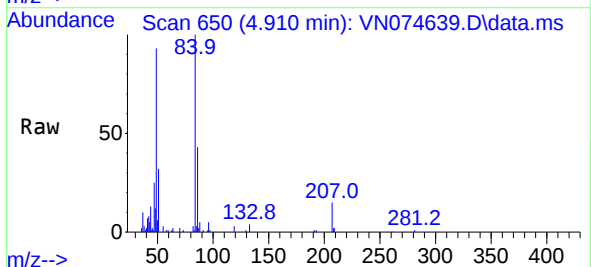
Tgt Ion: 41 Resp: 74830
Ion Ratio Lower Upper
41 100
39 67.8 39.1 117.5
76 37.6 19.8 59.4

Manual Integrations
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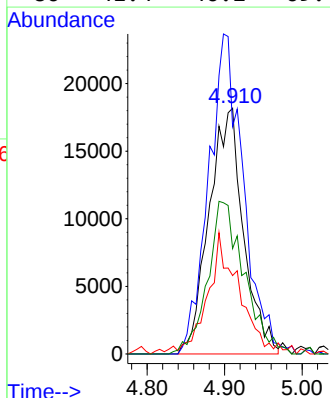
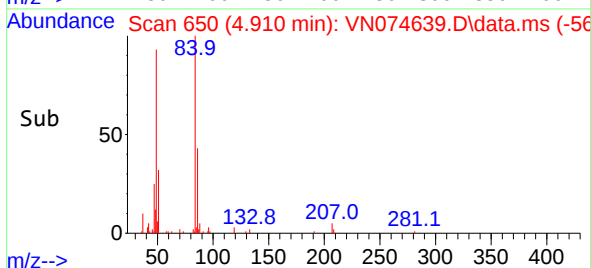
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

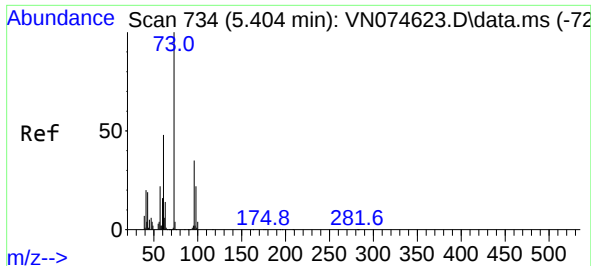


#18
Methylene Chloride
Concen: 6.432 ug/l
RT: 4.910 min Scan# 650
Delta R.T. 0.012 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06



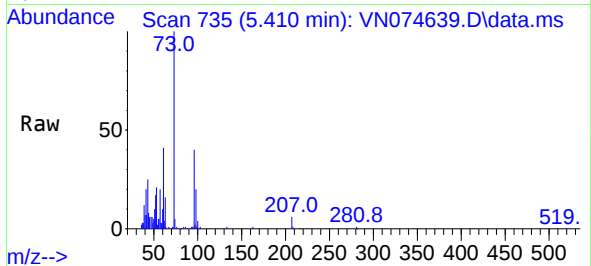
Tgt Ion: 84 Resp: 56248
Ion Ratio Lower Upper
84 100
49 92.5 99.6 149.4#
51 30.6 28.2 42.2
86 41.4 46.2 69.4#





#19
trans-1,2-Dichloroethene
Concen: 5.389 ug/l
RT: 5.410 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

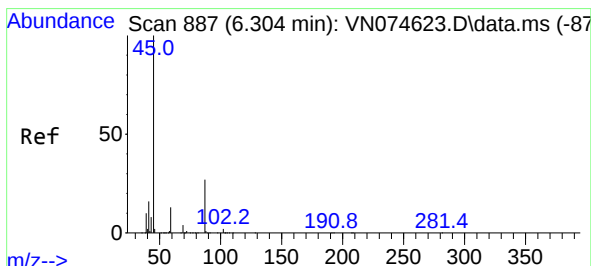
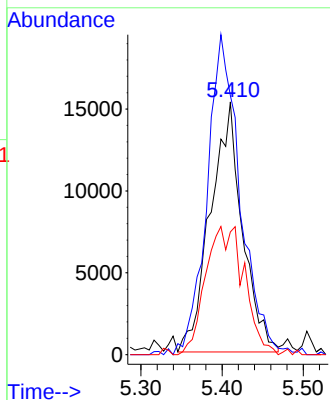
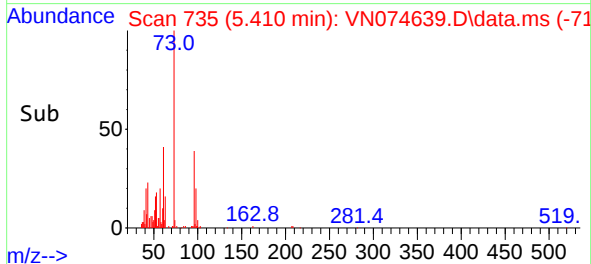
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion: 96 Resp: 41780
Ion Ratio Lower Upper
96 100
61 101.1 110.2 165.4#
98 49.1 50.0 75.0#

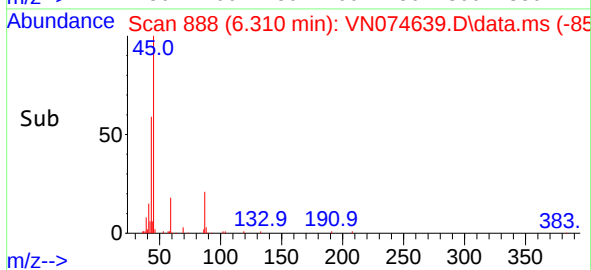
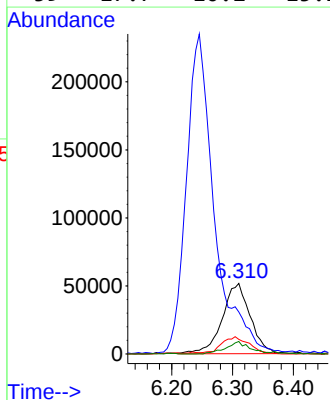
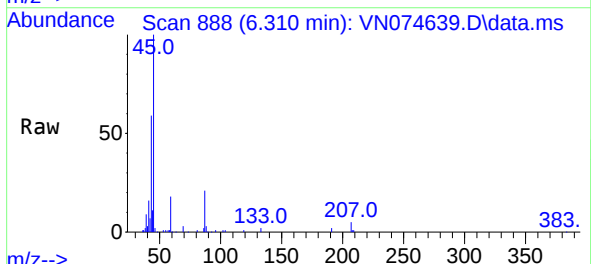
Manual Integrations
APPROVED

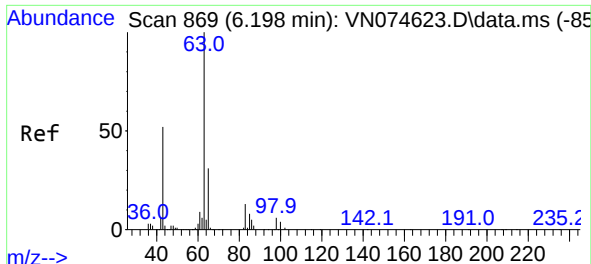
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#20
Diisopropyl ether
Concen: 5.377 ug/l
RT: 6.310 min Scan# 888
Delta R.T. 0.006 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

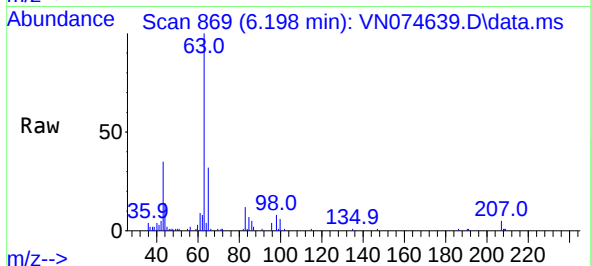
Tgt Ion: 45 Resp: 164528
Ion Ratio Lower Upper
45 100
43 55.4 47.3 70.9
87 20.5 21.8 32.8#
59 17.7 10.2 15.2#





#21
1,1-Dichloroethane
Concen: 5.482 ug/l
RT: 6.198 min Scan# 869
Delta R.T. 0.000 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

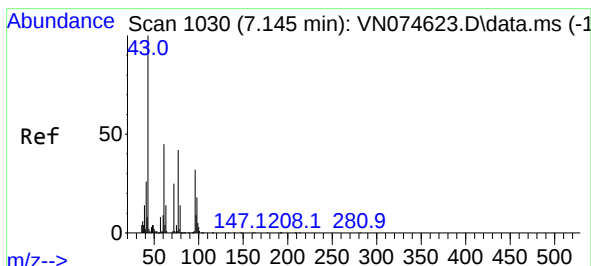
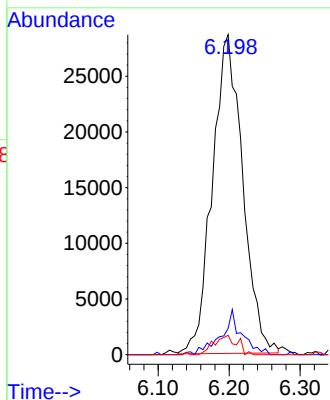
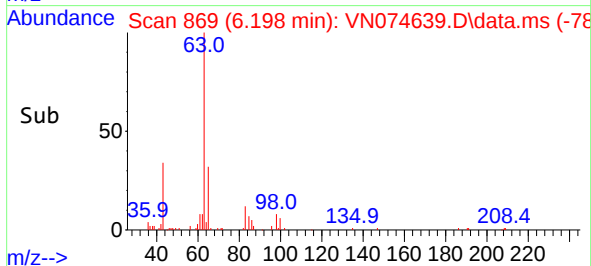
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2022



Tgt Ion: 63 Resp: 84720
Ion Ratio Lower Upper
63 100
98 8.3 3.3 9.9
100 6.1 2.2 6.6

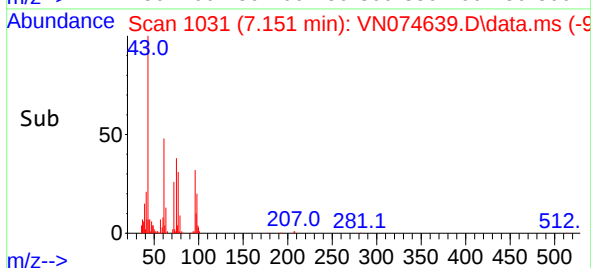
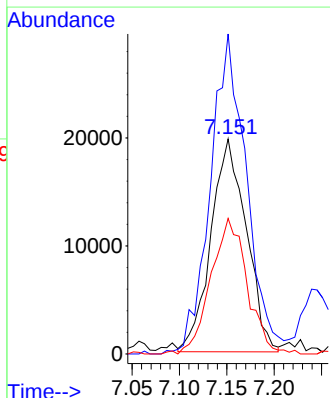
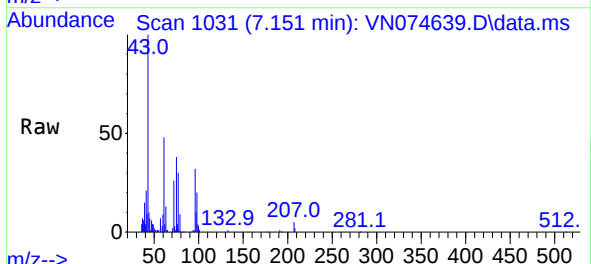
Manual Integrations
APPROVED

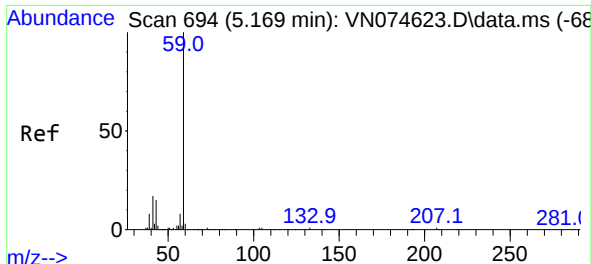
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#22
cis-1,2-Dichloroethene
Concen: 5.489 ug/l
RT: 7.151 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

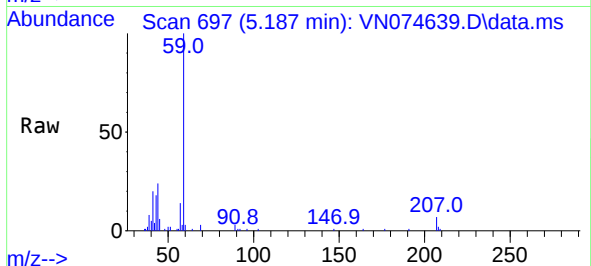
Tgt Ion: 96 Resp: 51345
Ion Ratio Lower Upper
96 100
61 153.1 118.8 178.2
98 64.9 52.1 78.1





#23
tert-Butyl Alcohol
Concen: 32.247 ug/l m
RT: 5.187 min Scan# 694
Delta R.T. 0.018 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

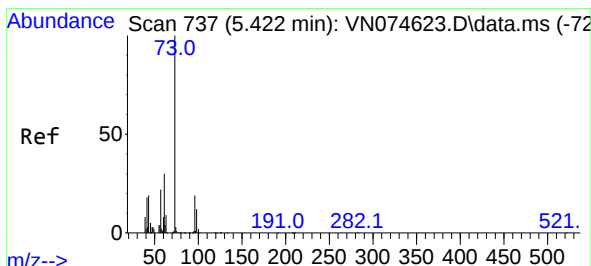
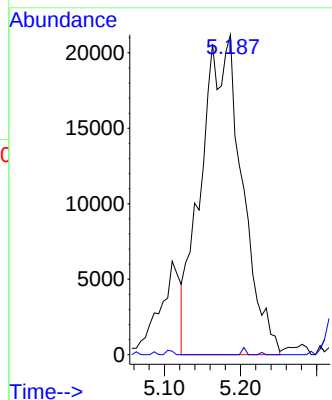
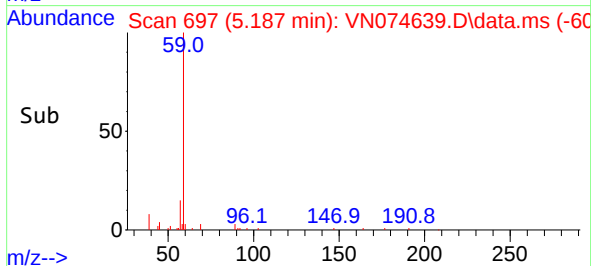
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion: 59 Resp: 79050
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.4

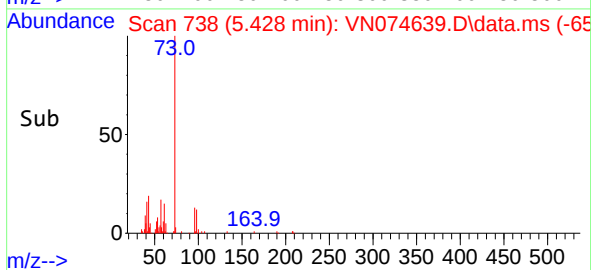
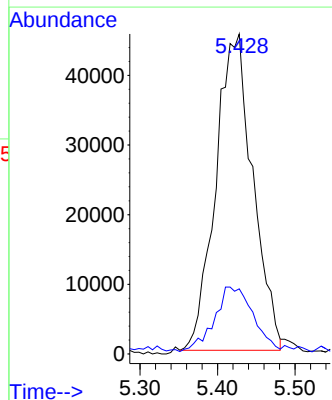
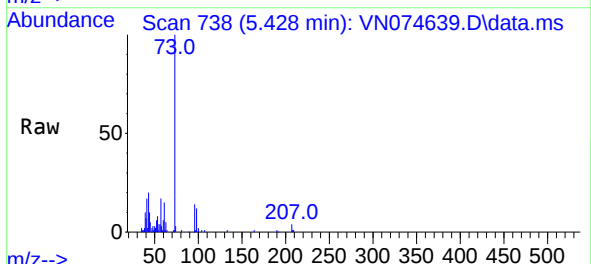
Manual Integrations
APPROVED

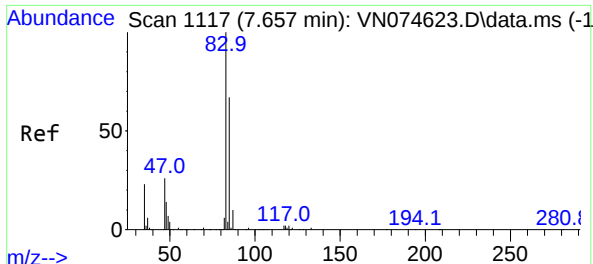
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#24
Methyl tert-Butyl Ether
Concen: 5.327 ug/l
RT: 5.428 min Scan# 738
Delta R.T. 0.006 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

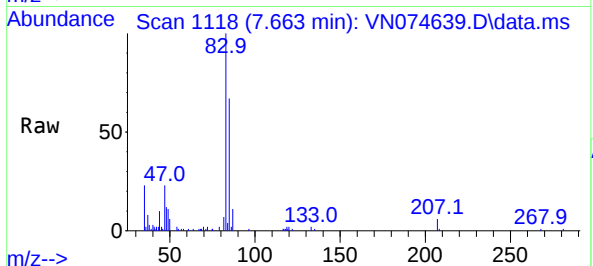
Tgt Ion: 73 Resp: 151437
Ion Ratio Lower Upper
73 100
43 19.2 15.6 23.4





#25
Chloroform
Concen: 5.125 ug/l
RT: 7.663 min Scan# 1117
Delta R.T. 0.006 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

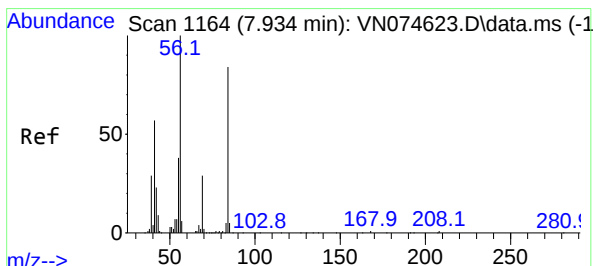
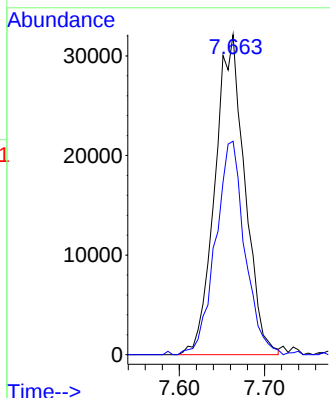
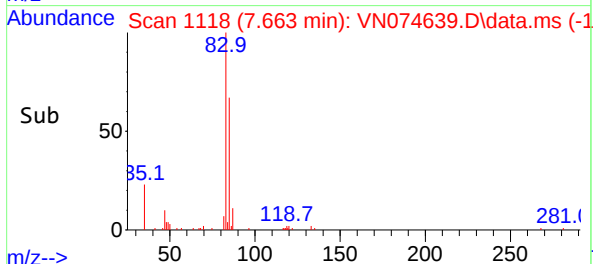
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2022



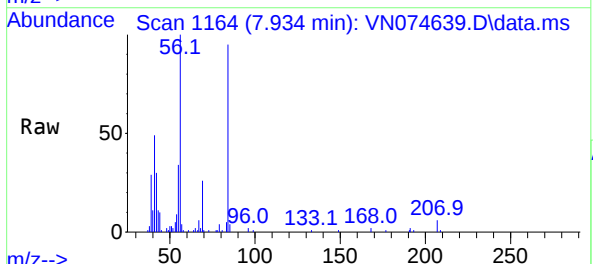
Tgt Ion: 83 Resp: 78508
Ion Ratio Lower Upper
83 100
85 66.7 53.6 80.4

Manual Integrations
APPROVED

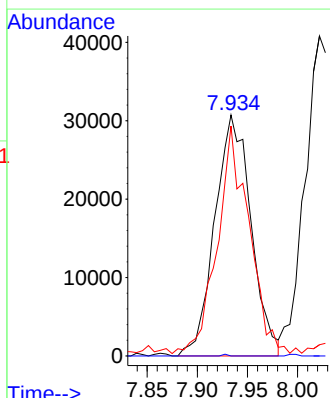
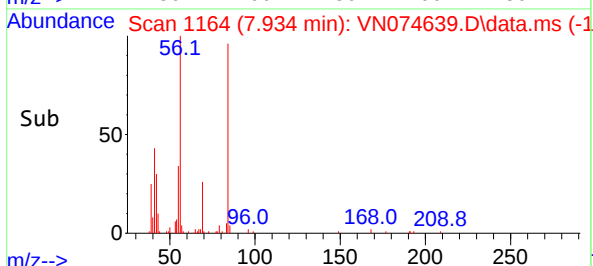
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

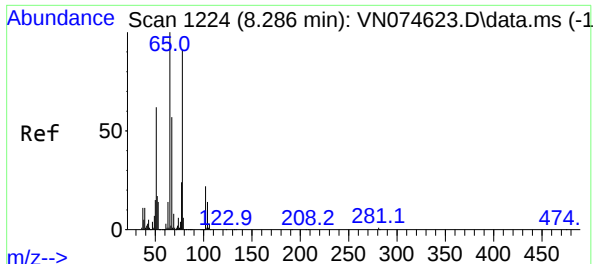


#26
Cyclohexane
Concen: 5.554 ug/l
RT: 7.934 min Scan# 1164
Delta R.T. 0.000 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06



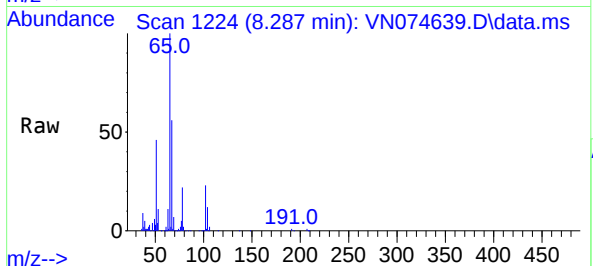
Tgt Ion: 56 Resp: 77180
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 83.6 68.4 102.6





#27
1,2-Dichloroethane-d4
Concen: 31.046 ug/l
RT: 8.287 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

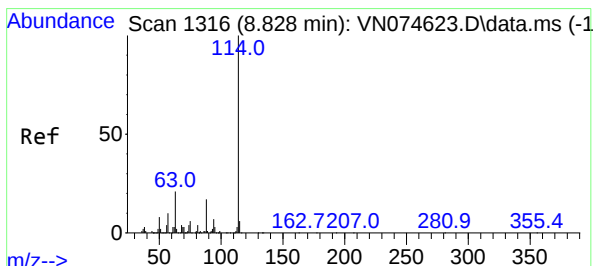
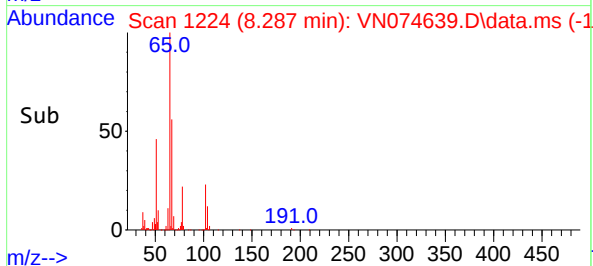
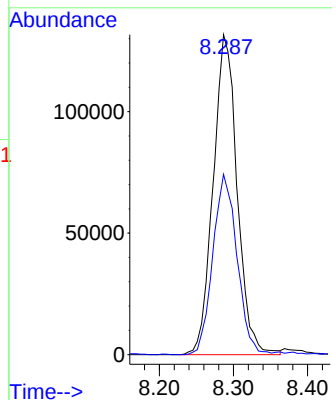
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion: 65 Resp: 29602
Ion Ratio Lower Upper
65 100
67 56.5 45.2 67.8

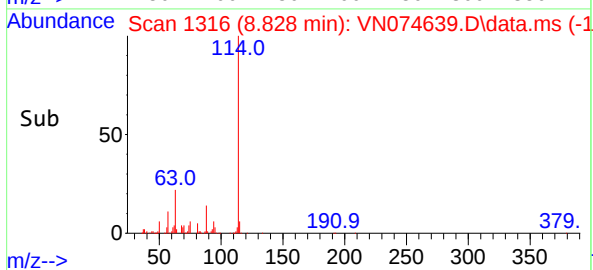
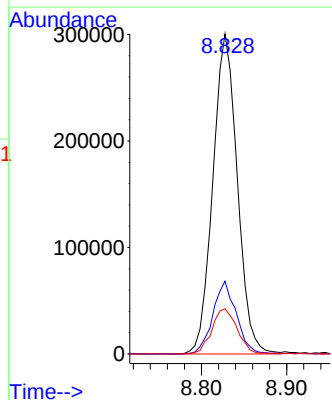
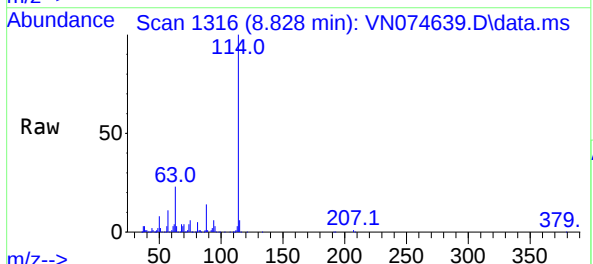
Manual Integrations
APPROVED

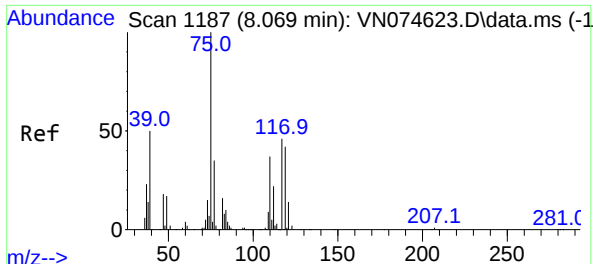
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.828 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

Tgt Ion:114 Resp: 599038
Ion Ratio Lower Upper
114 100
63 21.9 16.6 25.0
88 14.7 12.2 18.4





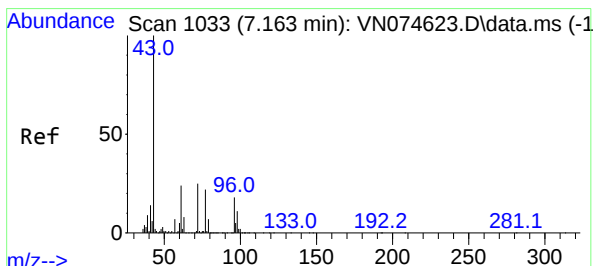
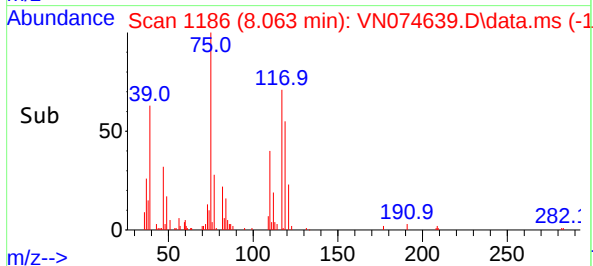
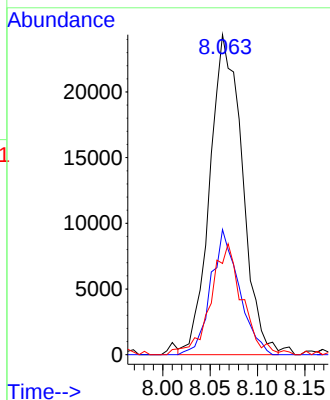
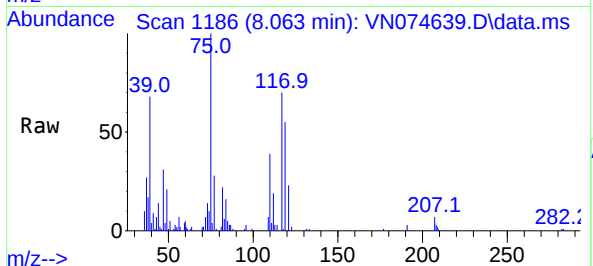
#29
1,1-Dichloropropene
Concen: 5.176 ug/l
RT: 8.063 min Scan# 1187
Delta R.T. -0.006 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2022

Tgt Ion: 75	Resp: 57910
Ion Ratio	Lower Upper
75 100	
110 34.2	0.0 72.2
77 33.4	0.0 64.0

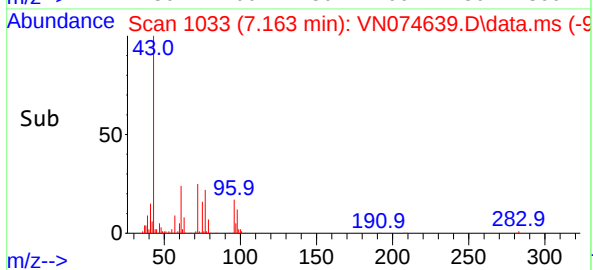
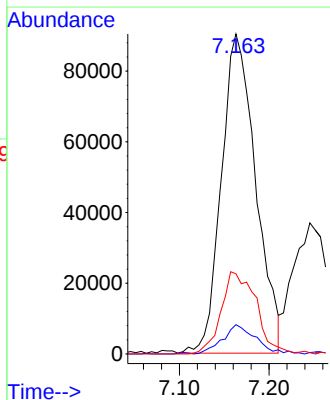
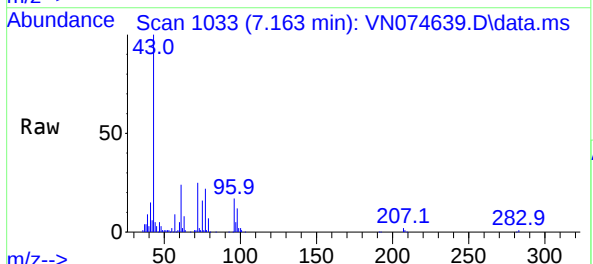
Manual Integrations
APPROVED

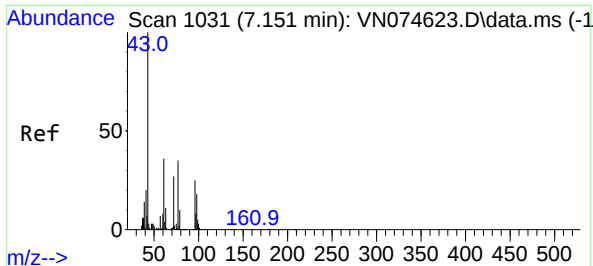
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#30
2-Butanone
Concen: 28.137 ug/l
RT: 7.163 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

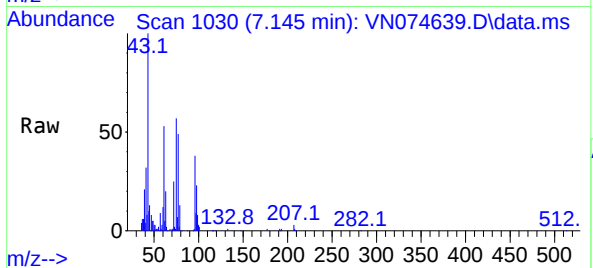
Tgt Ion: 43	Resp: 240192
Ion Ratio	Lower Upper
43 100	
57 8.6	6.3 9.5
72 26.1	21.0 31.4





#31
2,2-Dichloropropane
Concen: 4.974 ug/l m
RT: 7.145 min Scan# 1150
Delta R.T. -0.006 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

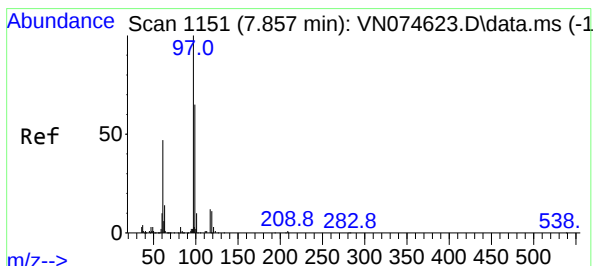
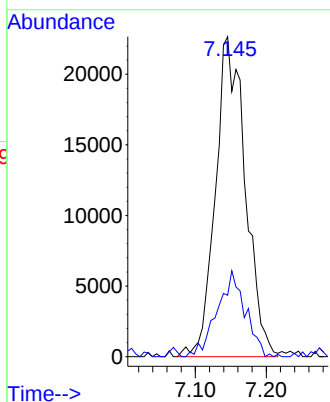
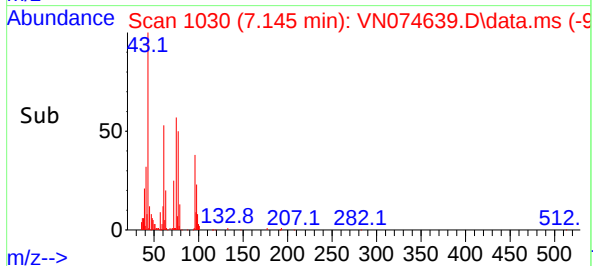
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion: 77 Resp: 66434
Ion Ratio Lower Upper
77 100
97 0.1 18.4 27.6

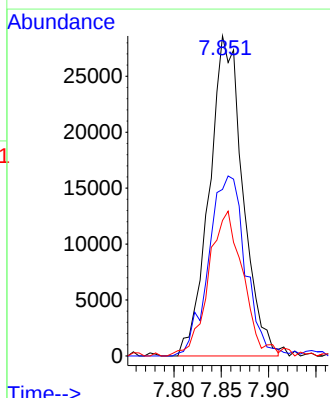
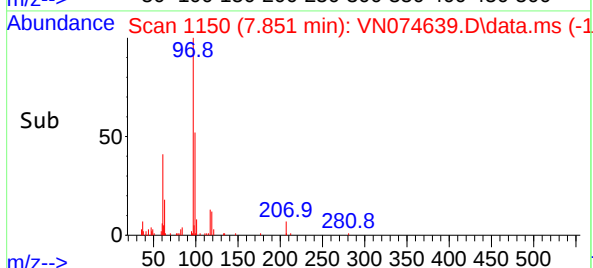
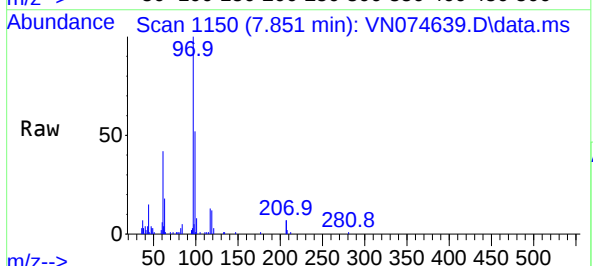
Manual Integrations
APPROVED

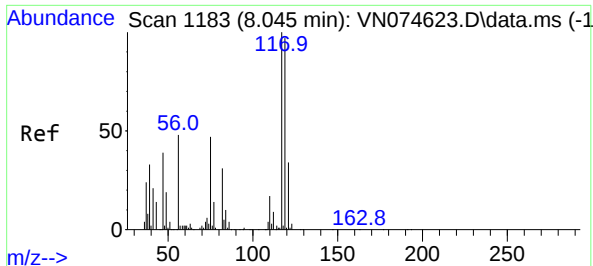
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#32
1,1,1-Trichloroethane
Concen: 5.329 ug/l
RT: 7.851 min Scan# 1150
Delta R.T. -0.006 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

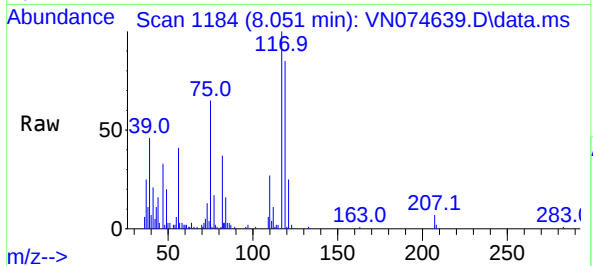
Tgt Ion: 97 Resp: 70436
Ion Ratio Lower Upper
97 100
99 61.1 50.0 75.0
61 45.3 36.1 54.1





#33
Carbon Tetrachloride
Concen: 5.143 ug/l
RT: 8.051 min Scan# 1184
Delta R.T. 0.006 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

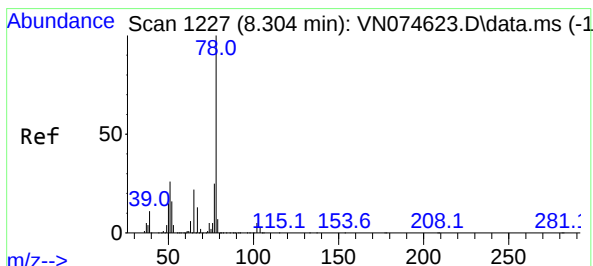
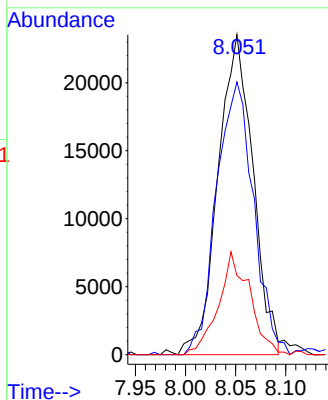
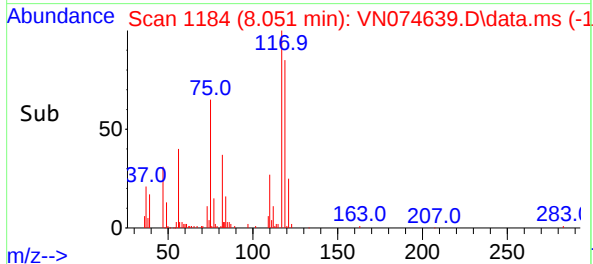
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2022



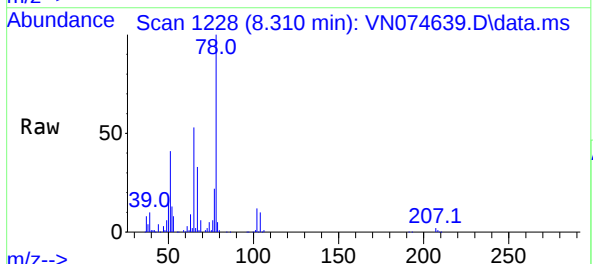
Tgt Ion: 117 Resp: 56854
Ion Ratio Lower Upper
117 100
119 85.2 77.8 116.6
121 24.7 27.6 41.4

Manual Integrations
APPROVED

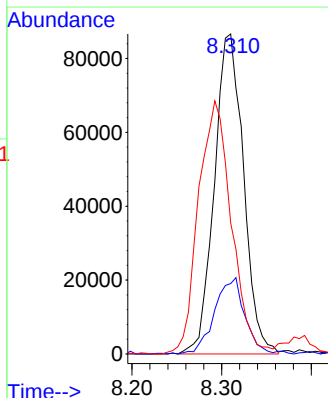
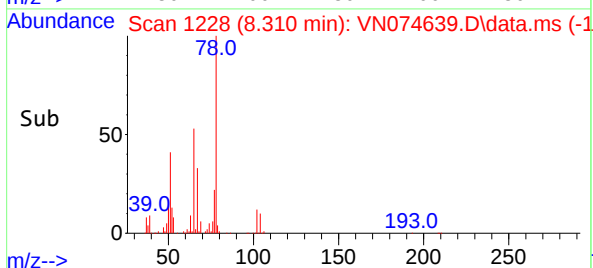
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

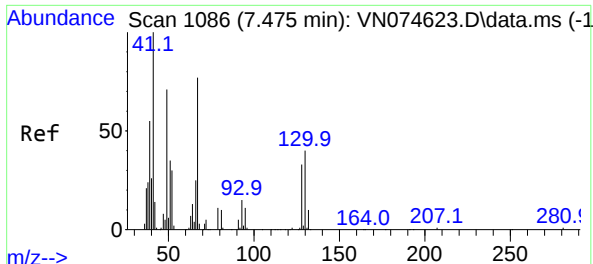


#34
Benzene
Concen: 5.279 ug/l
RT: 8.310 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06



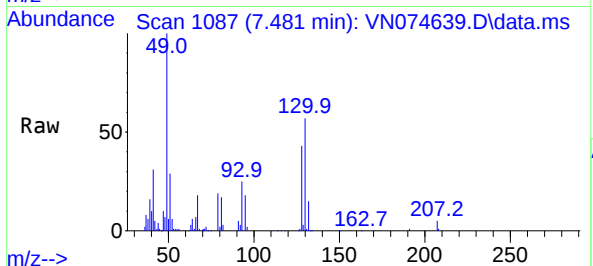
Tgt Ion: 78 Resp: 195523
Ion Ratio Lower Upper
78 100
77 22.1 19.9 29.9
51 38.8 21.1 31.7





#35
Methacrylonitrile
Concen: 5.126 ug/l
RT: 7.481 min Scan# 1087
Delta R.T. 0.006 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

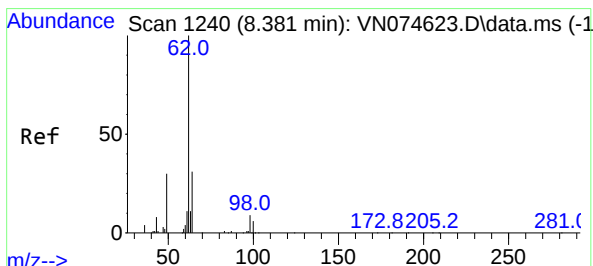
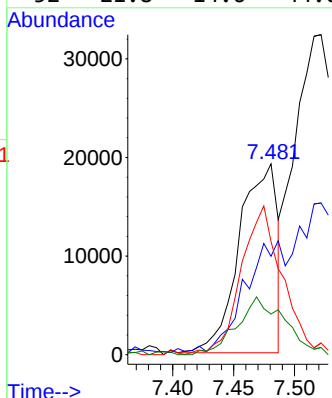
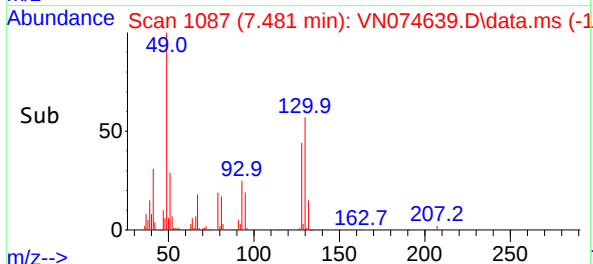
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2022



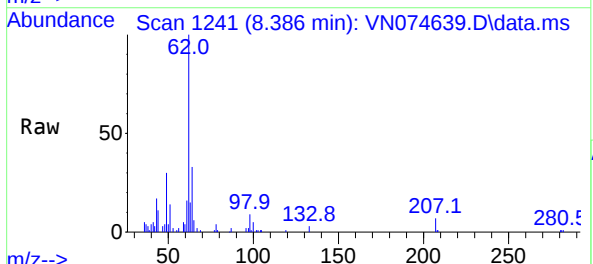
Tgt Ion: 41 Resp: 41628
Ion Ratio Lower Upper
41 100
39 46.5 27.7 83.1
67 60.0 38.0 113.9
52 21.8 14.6 44.0

Manual Integrations
APPROVED

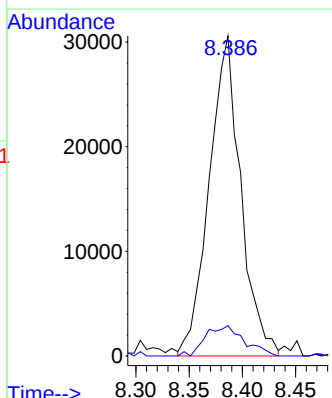
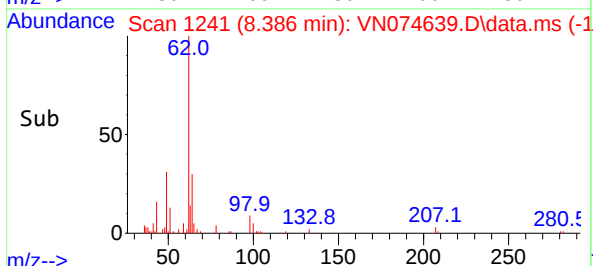
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

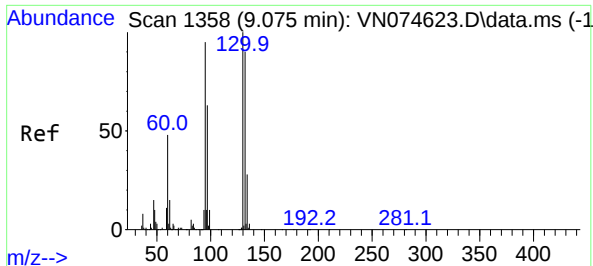


#36
1,2-Dichloroethane
Concen: 5.216 ug/l
RT: 8.386 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06



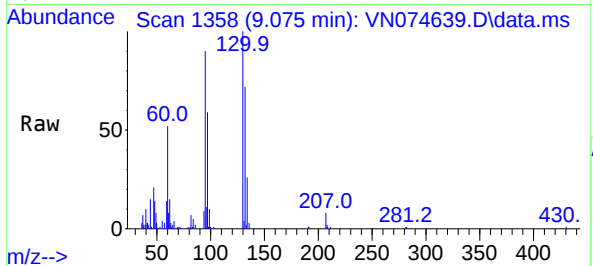
Tgt Ion: 62 Resp: 63093
Ion Ratio Lower Upper
62 100
98 5.8 7.4 11.2#





#37
Trichloroethene
Concen: 5.254 ug/l
RT: 9.075 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

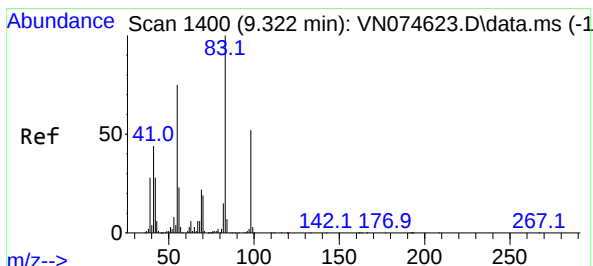
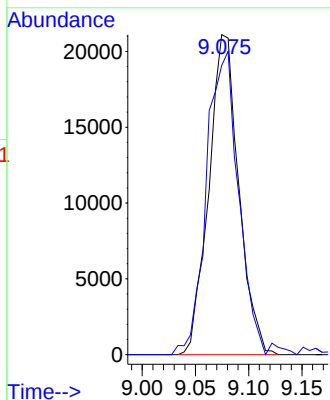
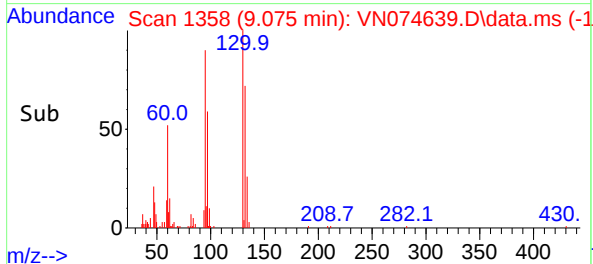
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2022



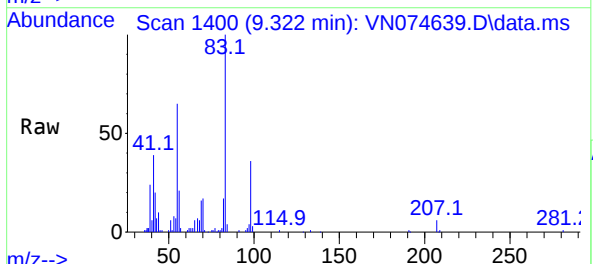
Tgt Ion:130 Resp: 4132
Ion Ratio Lower Upper
130 100
95 87.6 75.9 113.9

Manual Integrations
APPROVED

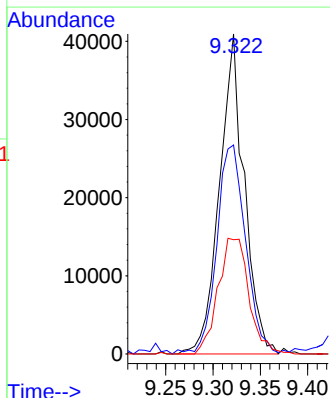
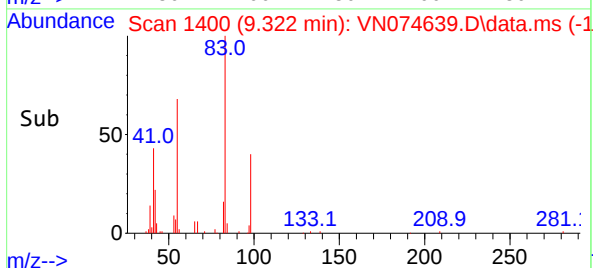
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

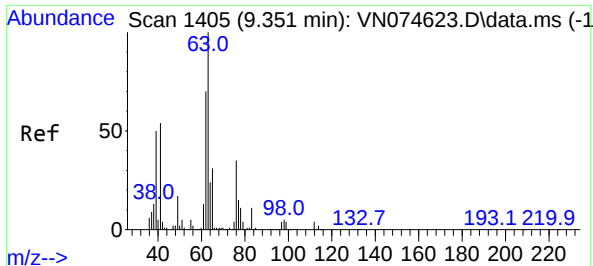


#38
Methylcyclohexane
Concen: 5.141 ug/l
RT: 9.322 min Scan# 1400
Delta R.T. 0.000 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06



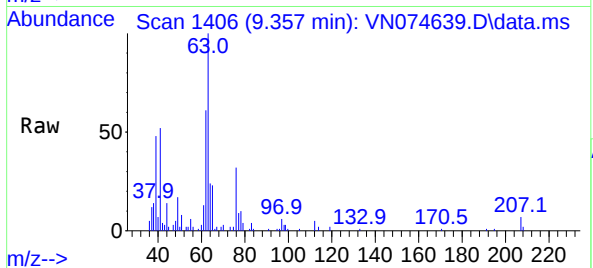
Tgt Ion: 83 Resp: 74441
Ion Ratio Lower Upper
83 100
55 75.2 37.4 112.2
98 45.0 24.5 73.5





#39
1,2-Dichloropropane
Concen: 5.440 ug/l m
RT: 9.357 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

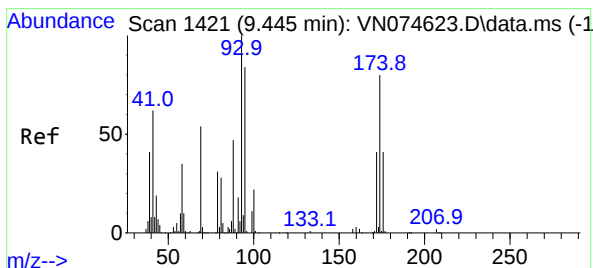
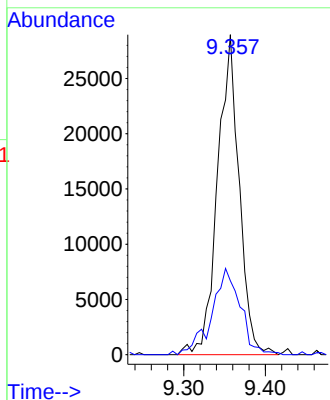
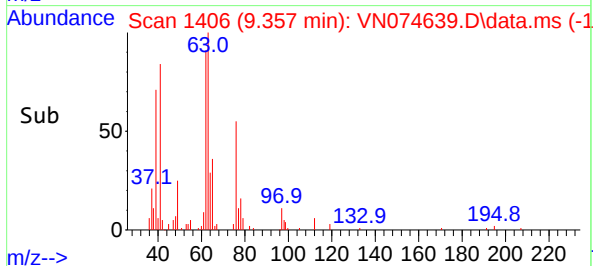
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion: 63 Resp: 5335
Ion Ratio Lower Upper
63 100
65 23.1 25.0 37.6

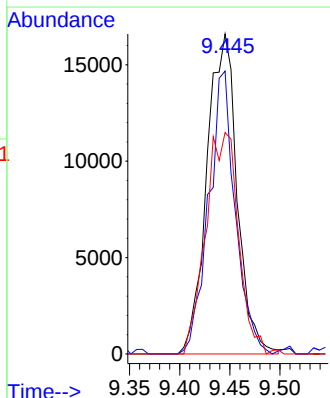
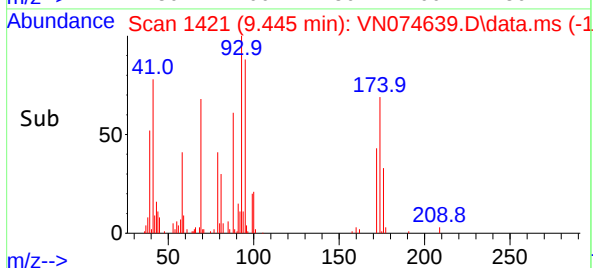
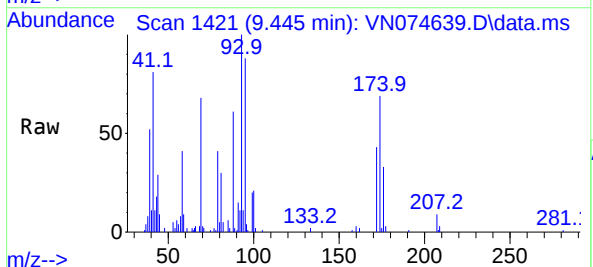
Manual Integrations
APPROVED

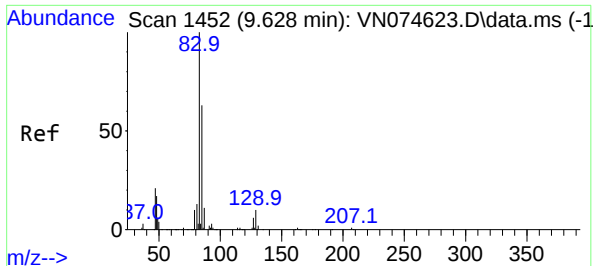
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#40
Dibromomethane
Concen: 5.497 ug/l
RT: 9.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

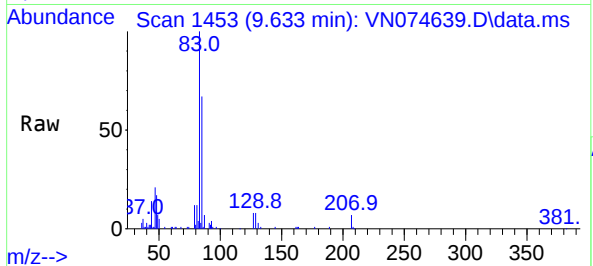
Tgt Ion: 93 Resp: 34782
Ion Ratio Lower Upper
93 100
95 77.8 0.0 168.0
174 37.4 0.0 158.4





#41
Bromodichloromethane
Concen: 5.396 ug/l
RT: 9.633 min Scan# 1452
Delta R.T. 0.006 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

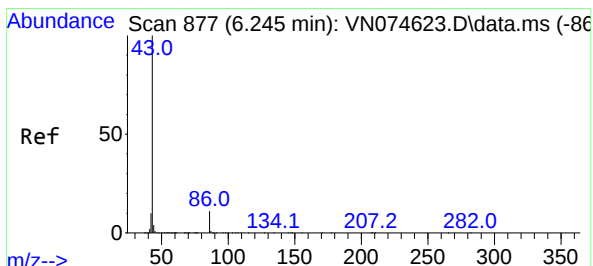
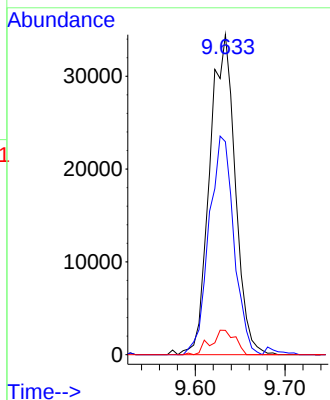
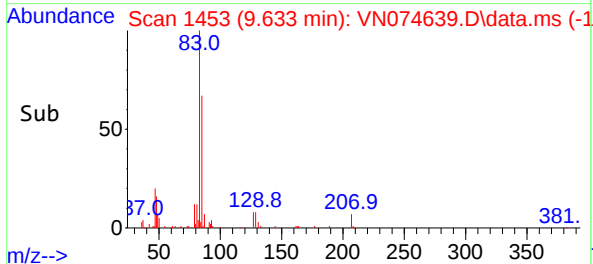
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion: 83 Resp: 67875
Ion Ratio Lower Upper
83 100
85 66.6 50.2 75.4
127 7.6 5.1 7.7

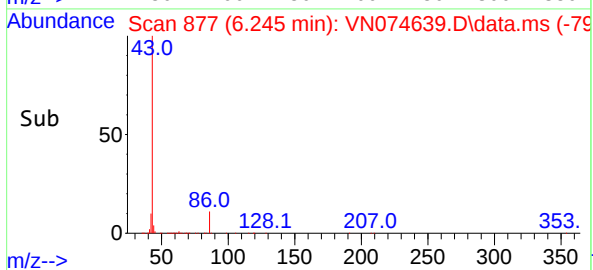
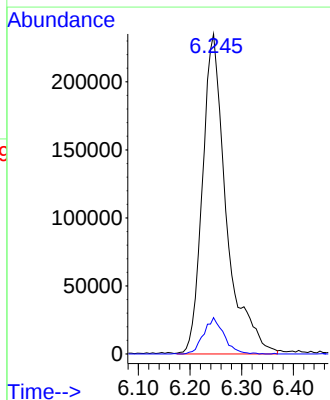
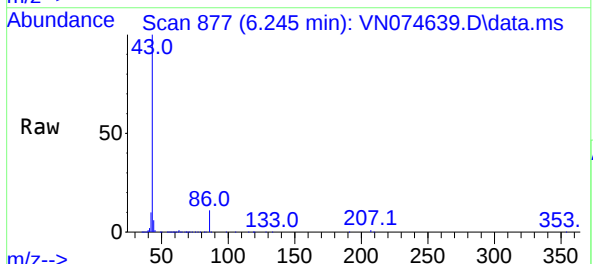
Manual Integrations
APPROVED

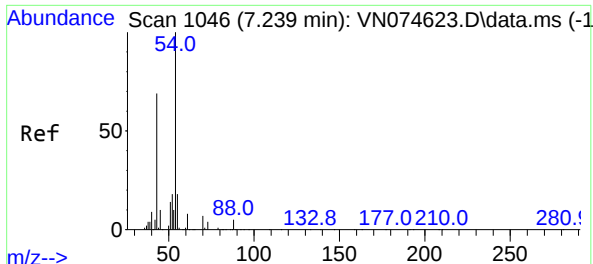
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#42
Vinyl Acetate
Concen: 27.157 ug/l m
RT: 6.245 min Scan# 877
Delta R.T. 0.000 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

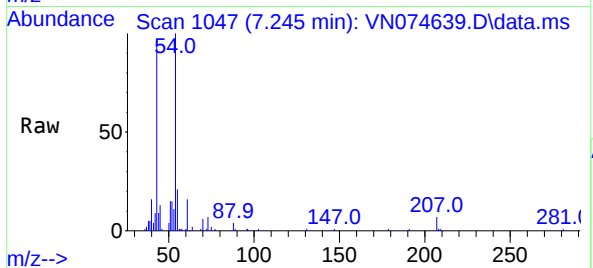
Tgt Ion: 43 Resp: 753555
Ion Ratio Lower Upper
43 100
86 9.6 7.5 11.3





#43
Ethyl Acetate
Concen: 6.335 ug/l
RT: 7.245 min Scan# 1047
Delta R.T. 0.006 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

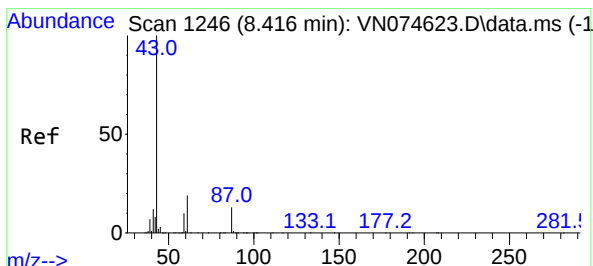
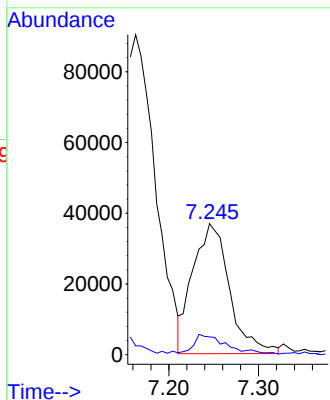
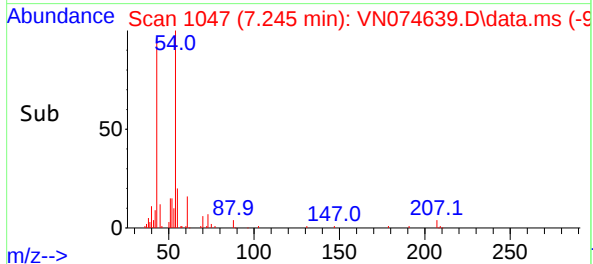
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2022



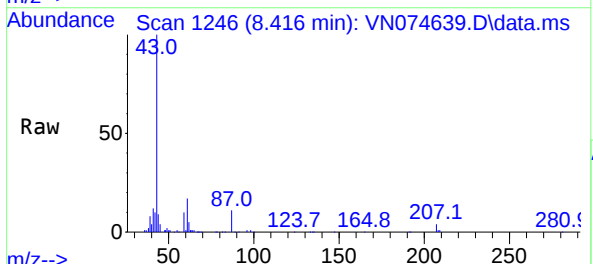
Tgt Ion: 43 Resp: 104733
Ion Ratio Lower Upper
43 100
45 5.9 11.5 17.3

Manual Integrations
APPROVED

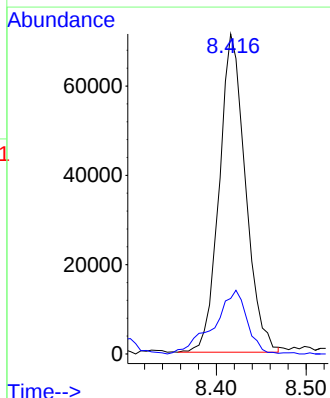
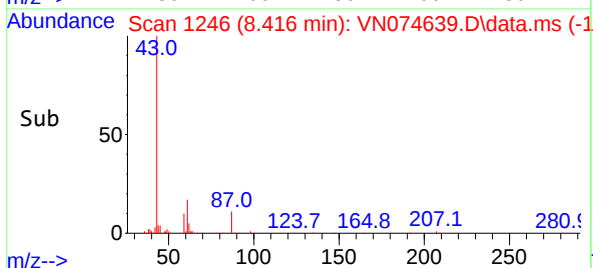
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

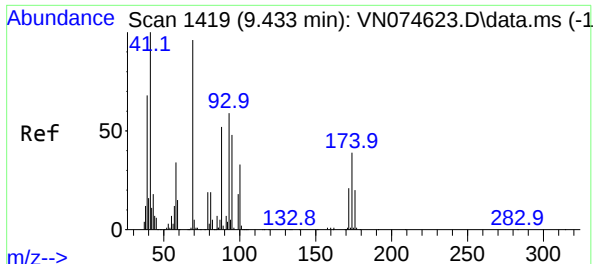


#44
Isopropyl Acetate
Concen: 5.382 ug/l
RT: 8.416 min Scan# 1246
Delta R.T. 0.000 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06



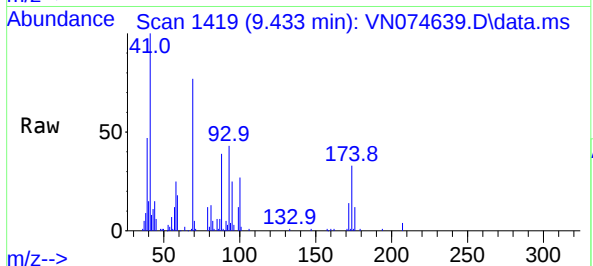
Tgt Ion: 43 Resp: 144505
Ion Ratio Lower Upper
43 100
61 25.3 19.5 29.3





#45
1,4-Dioxane
Concen: 107.708 ug/l
RT: 9.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

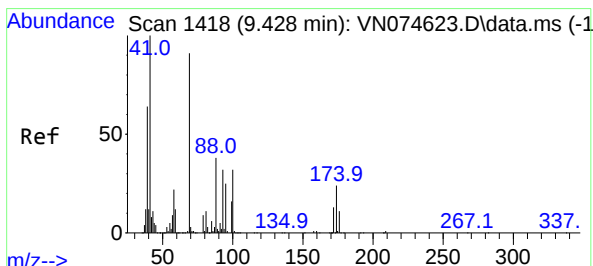
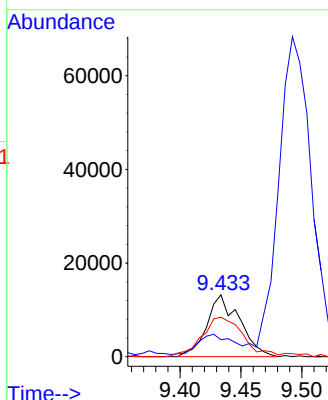
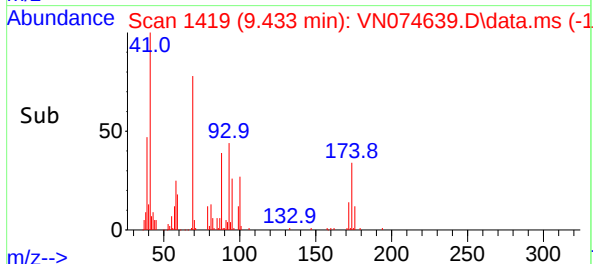
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2022



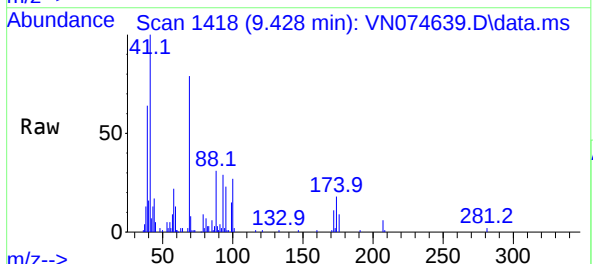
Tgt Ion: 88 Resp: 2467
Ion Ratio Lower Upper
88 100
43 33.8 25.7 38.5
58 75.4 53.4 80.2

Manual Integrations
APPROVED

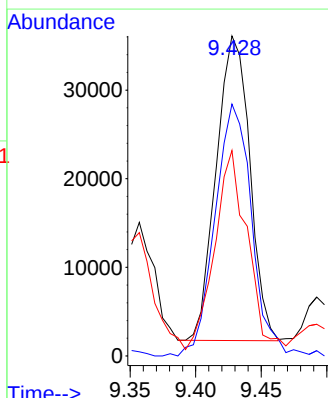
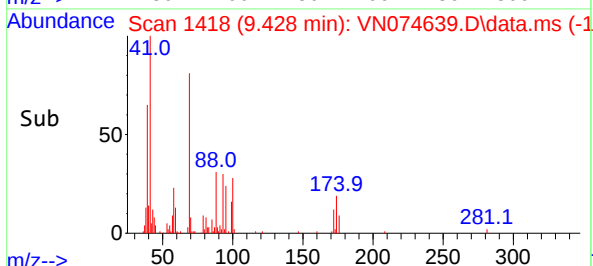
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

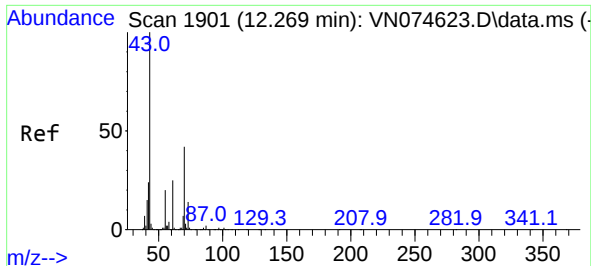


#46
Methyl methacrylate
Concen: 5.477 ug/l
RT: 9.428 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06



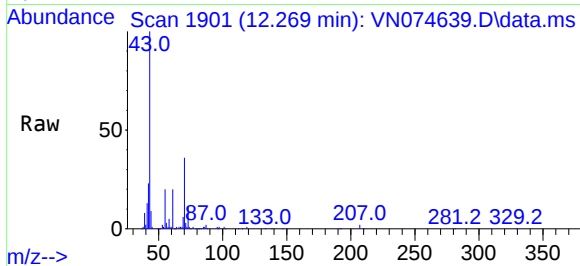
Tgt Ion: 41 Resp: 61240
Ion Ratio Lower Upper
41 100
69 82.7 45.6 136.7
39 61.7 32.3 96.9





#47
n-amy1 Acetate
Concen: 4.898 ug/l
RT: 12.269 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

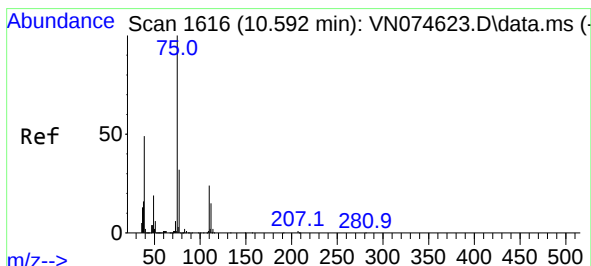
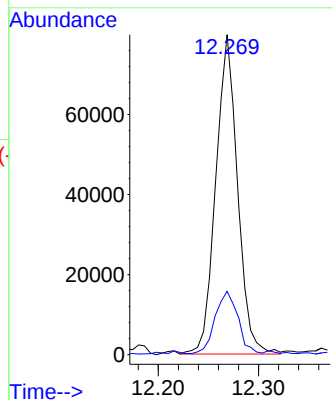
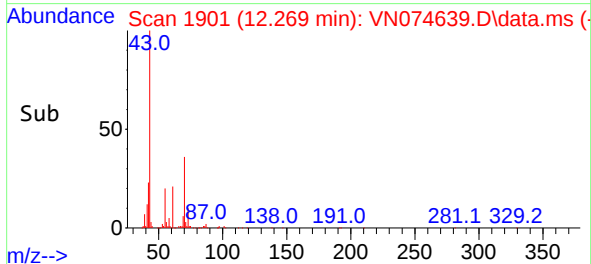
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2022



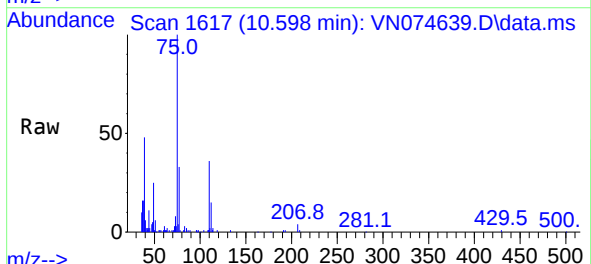
Tgt Ion: 43 Resp: 120360
Ion Ratio Lower Upper
43 100
55 21.0 16.8 25.2

Manual Integrations
APPROVED

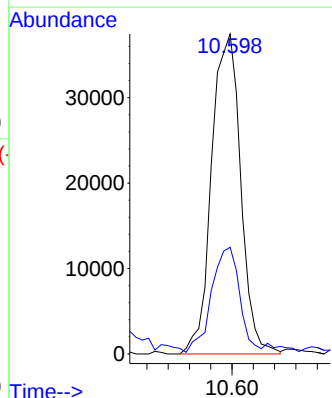
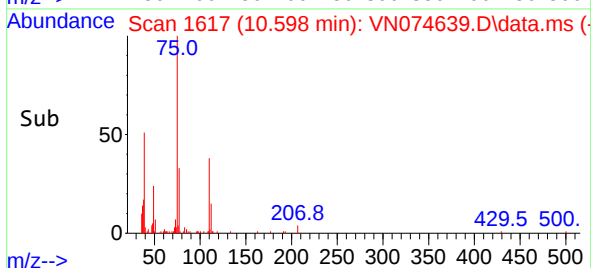
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

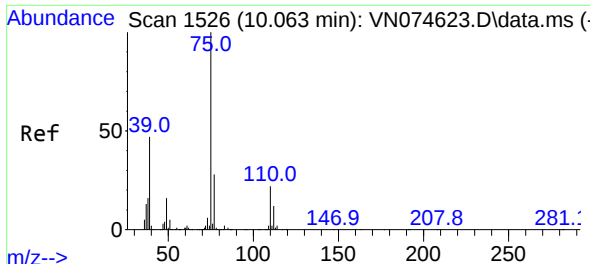


#48
t-1,3-Dichloropropene
Concen: 4.648 ug/l
RT: 10.598 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06



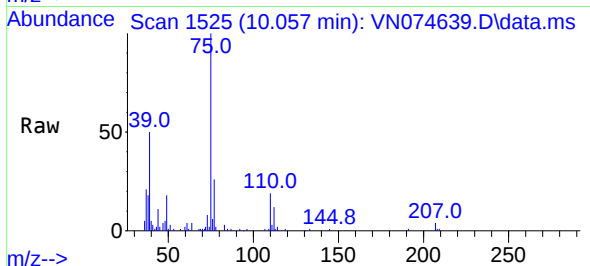
Tgt Ion: 75 Resp: 70972
Ion Ratio Lower Upper
75 100
77 31.6 25.8 38.8





#49
cis-1,3-Dichloropropene
Concen: 4.775 ug/l
RT: 10.057 min Scan# 1525
Delta R.T. -0.006 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

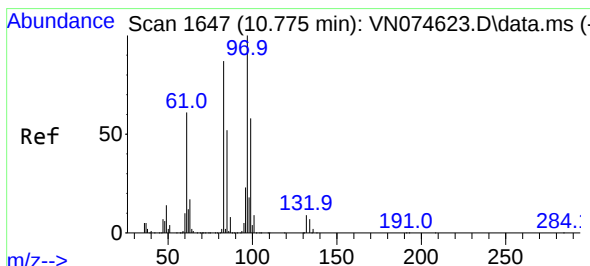
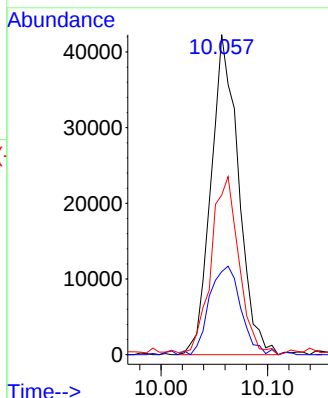
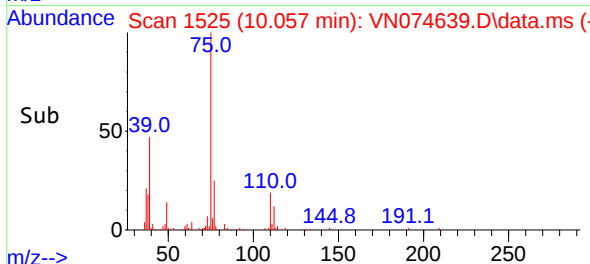
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2022



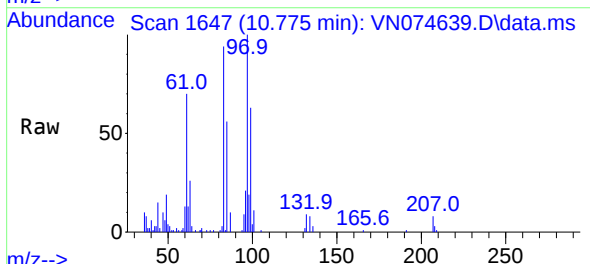
Tgt Ion: 75 Resp: 75870
Ion Ratio Lower Upper
75 100
77 25.9 22.5 33.7
39 49.9 37.6 56.4

Manual Integrations
APPROVED

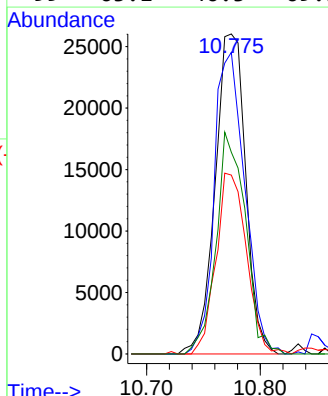
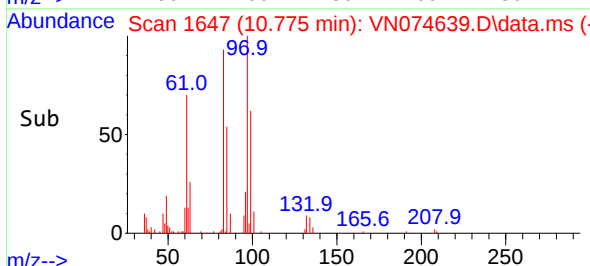
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

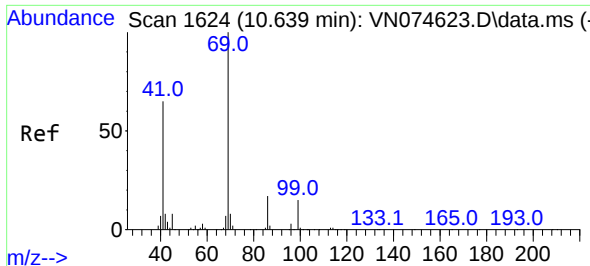


#50
1,1,2-Trichloroethane
Concen: 5.282 ug/l
RT: 10.775 min Scan# 1647
Delta R.T. 0.000 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06



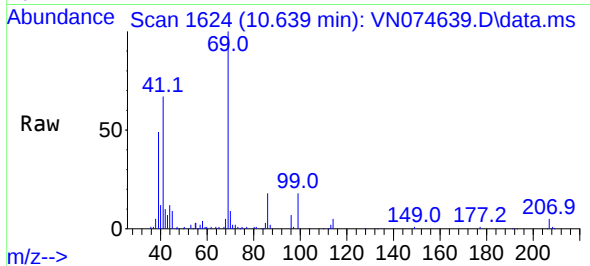
Tgt Ion: 97 Resp: 48596
Ion Ratio Lower Upper
97 100
83 94.3 69.2 103.8
85 55.9 41.4 62.2
99 63.1 46.3 69.5





#51
Ethyl methacrylate
Concen: 4.950 ug/l
RT: 10.639 min Scan# 1624
Delta R.T. 0.000 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

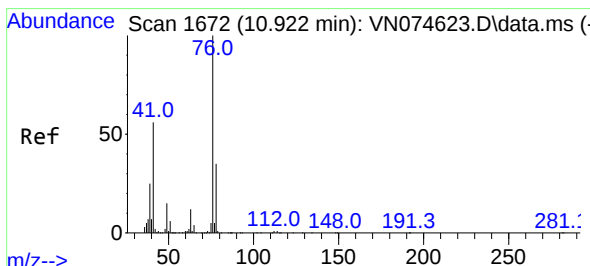
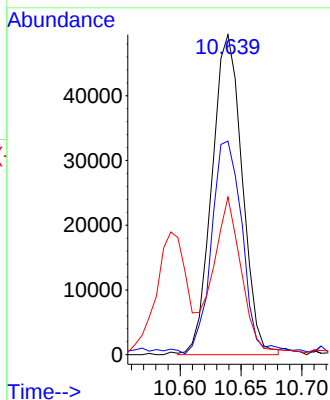
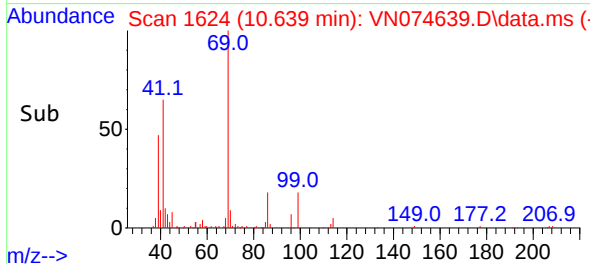
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2022



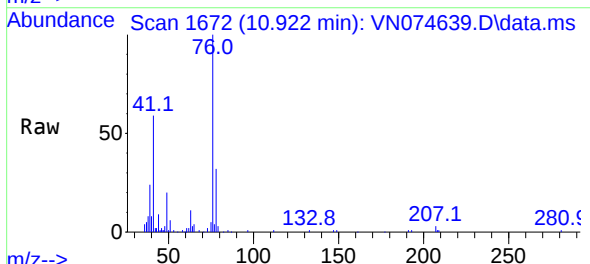
Tgt Ion: 69 Resp: 85389
Ion Ratio Lower Upper
69 100
41 65.7 32.5 97.5
39 47.9 21.5 64.5

Manual Integrations
APPROVED

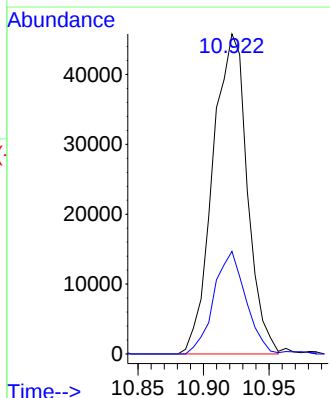
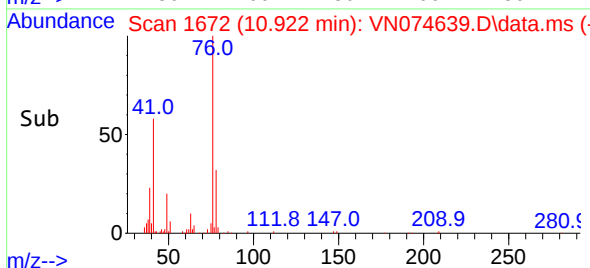
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

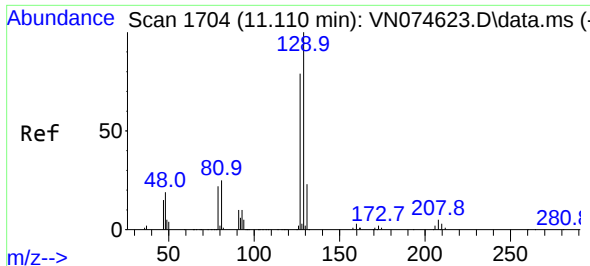


#52
1,3-Dichloropropane
Concen: 5.136 ug/l
RT: 10.922 min Scan# 1672
Delta R.T. 0.000 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06



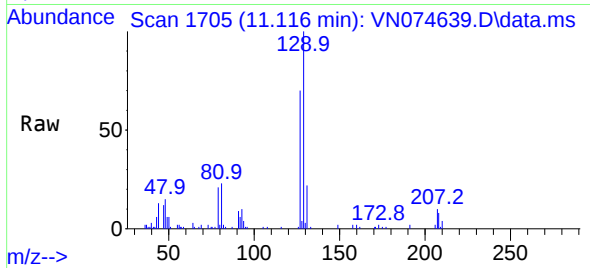
Tgt Ion: 76 Resp: 83741
Ion Ratio Lower Upper
76 100
78 29.7 0.0 63.8





#53
Dibromochloromethane
Concen: 4.683 ug/l
RT: 11.116 min Scan# 1705
Delta R.T. 0.006 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

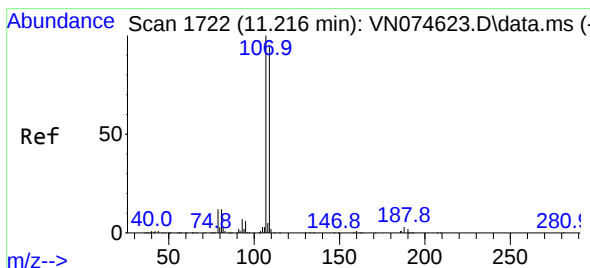
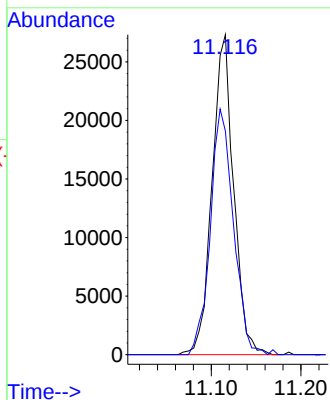
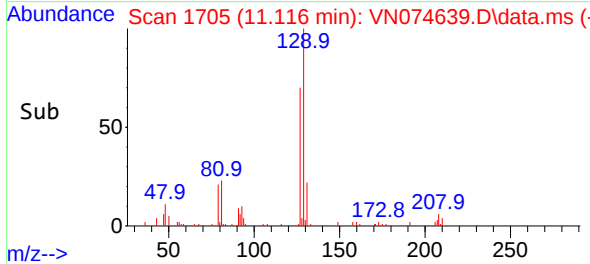
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2022



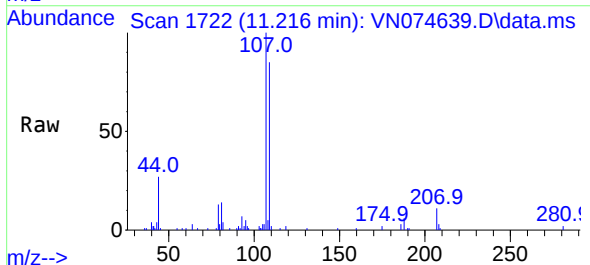
Tgt Ion:129 Resp: 4553
Ion Ratio Lower Upper
129 100
127 82.3 40.6 121.7

Manual Integrations
APPROVED

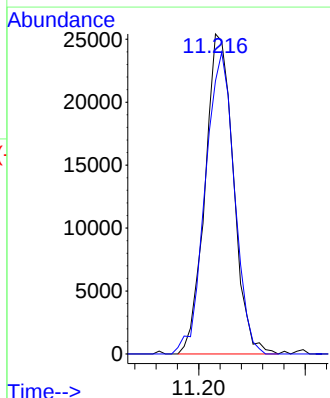
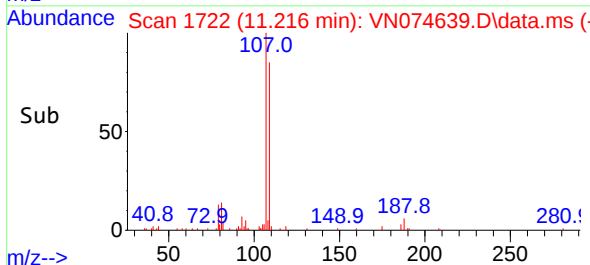
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

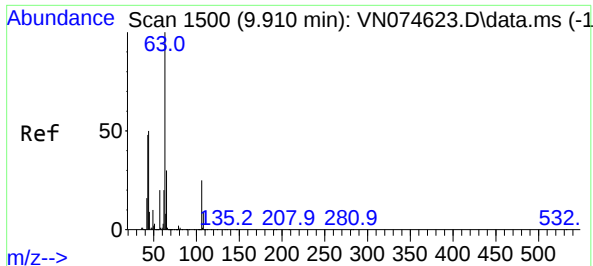


#54
1,2-Dibromoethane
Concen: 4.931 ug/l
RT: 11.216 min Scan# 1722
Delta R.T. 0.000 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06



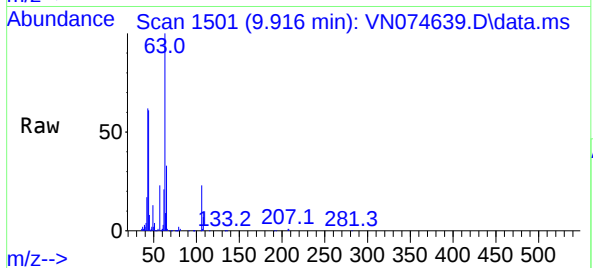
Tgt Ion:107 Resp: 46928
Ion Ratio Lower Upper
107 100
109 96.6 76.2 114.2





#55
2-Chloroethyl vinyl ether
Concen: 24.185 ug/l
RT: 9.916 min Scan# 1501
Delta R.T. 0.006 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

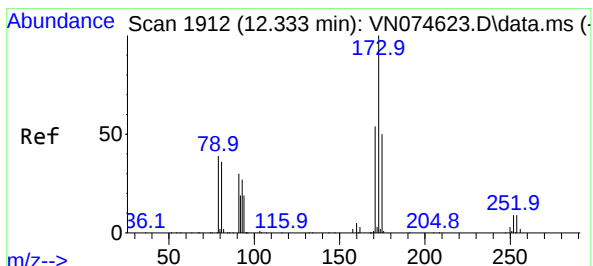
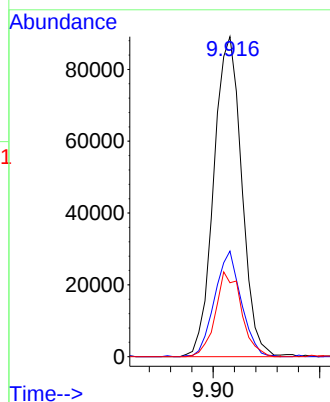
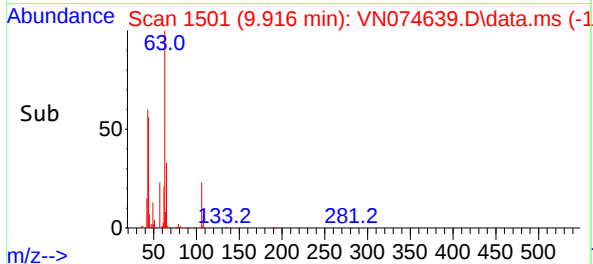
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion: 63 Resp: 16190
Ion Ratio Lower Upper
63 100
65 31.4 24.6 36.8
106 24.8 21.3 31.9

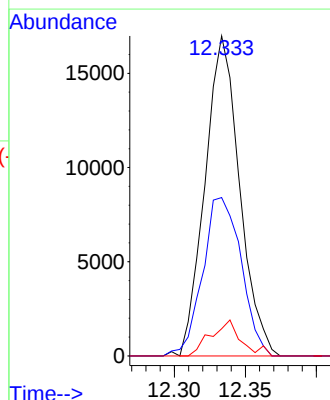
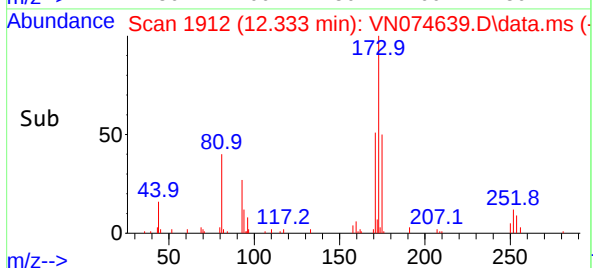
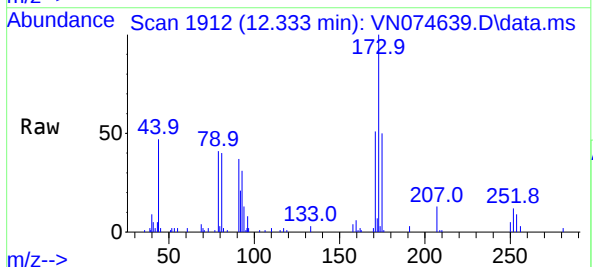
Manual Integrations
APPROVED

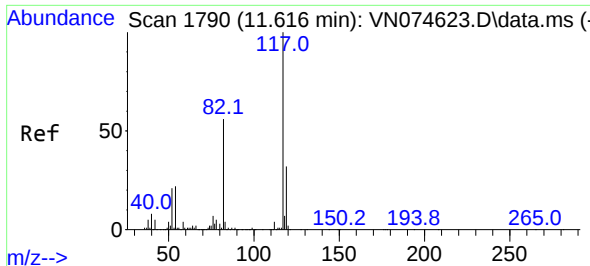
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#56
Bromoform
Concen: 3.786 ug/l
RT: 12.333 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

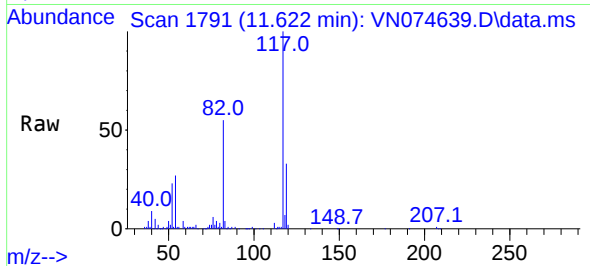
Tgt Ion:173 Resp: 28776
Ion Ratio Lower Upper
173 100
175 55.1 39.1 58.7
254 9.1 7.0 10.6





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.622 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

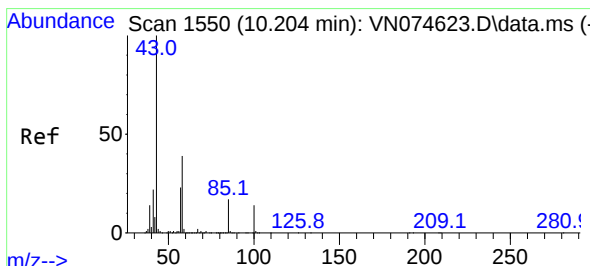
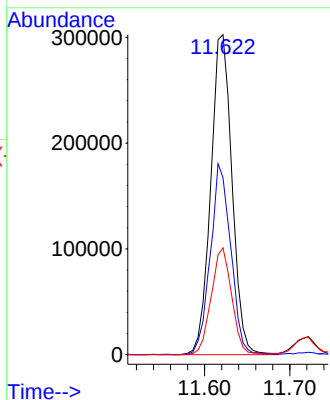
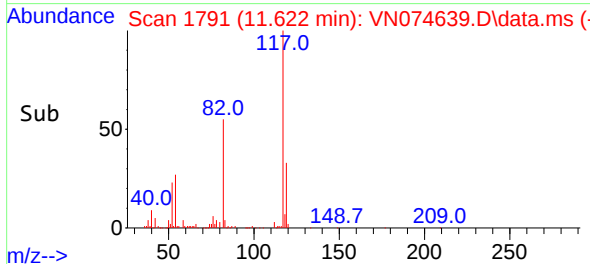
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2022



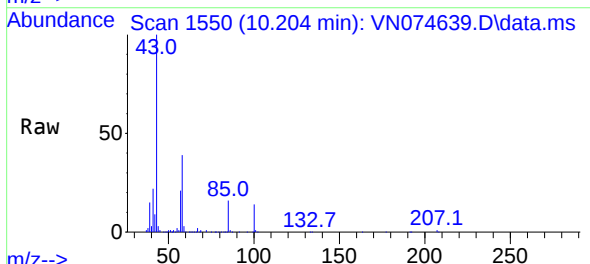
Tgt Ion: 117 Resp: 526639
Ion Ratio Lower Upper
117 100
82 57.3 44.6 67.0
119 32.1 25.6 38.4

Manual Integrations
APPROVED

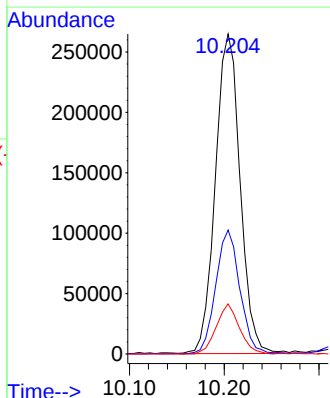
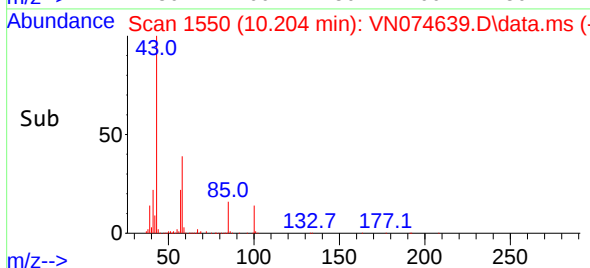
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

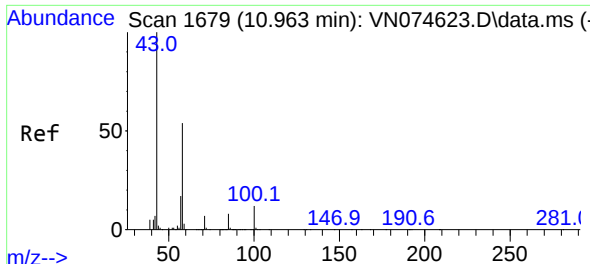


#58
4-Methyl-2-Pentanone
Concen: 29.386 ug/l
RT: 10.204 min Scan# 1550
Delta R.T. 0.000 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06



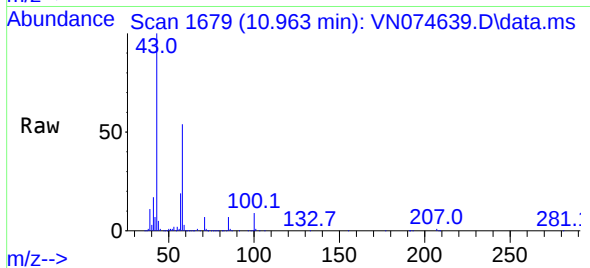
Tgt Ion: 43 Resp: 480261
Ion Ratio Lower Upper
43 100
58 38.0 30.8 46.2
85 14.6 13.3 19.9





#59
2-Hexanone
Concen: 28.155 ug/l
RT: 10.963 min Scan# 1099
Delta R.T. 0.000 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

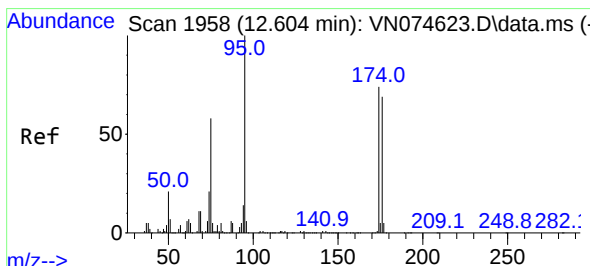
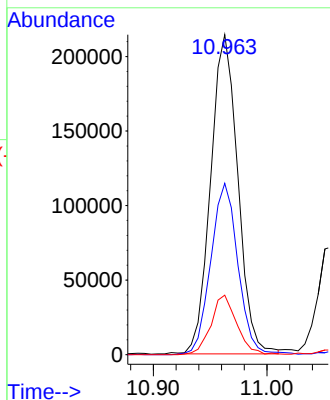
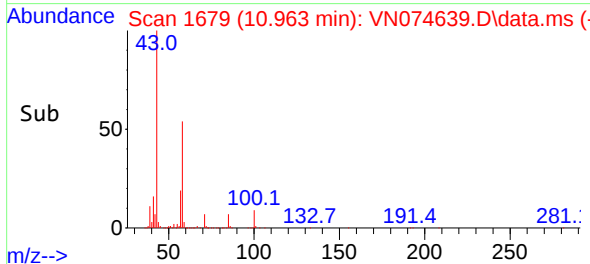
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2022



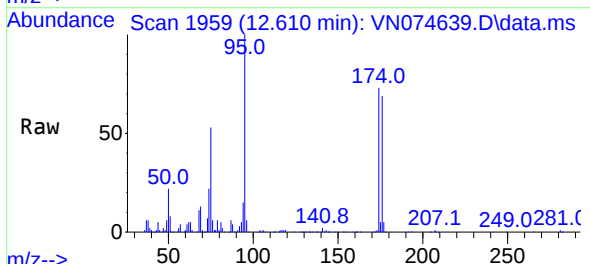
Tgt Ion: 43 Resp: 356397
Ion Ratio Lower Upper
43 100
58 53.8 43.6 65.4
57 17.6 14.3 21.5

Manual Integrations
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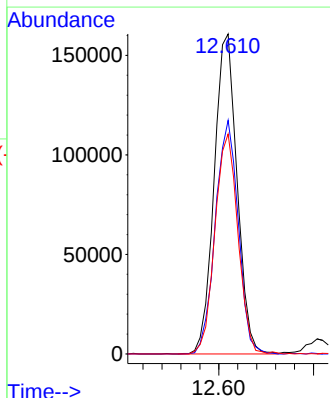
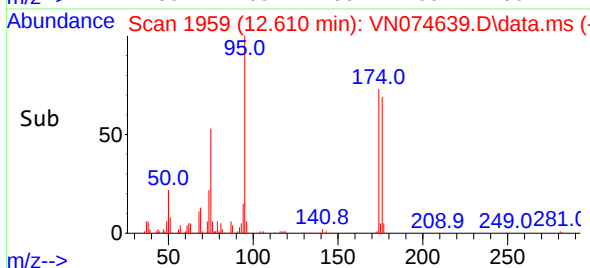
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

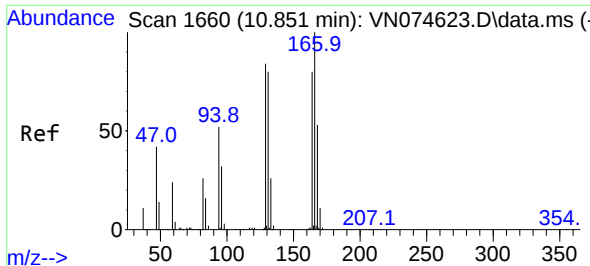


#60
4-Bromofluorobenzene
Concen: 26.408 ug/l
RT: 12.610 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06



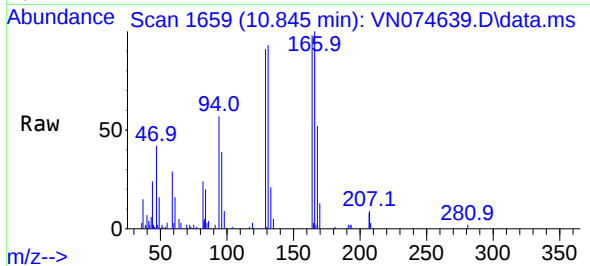
Tgt Ion: 95 Resp: 270148
Ion Ratio Lower Upper
95 100
174 72.9 57.8 86.8
176 68.8 57.0 85.4





#61
Tetrachloroethene
Concen: 4.990 ug/l
RT: 10.845 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

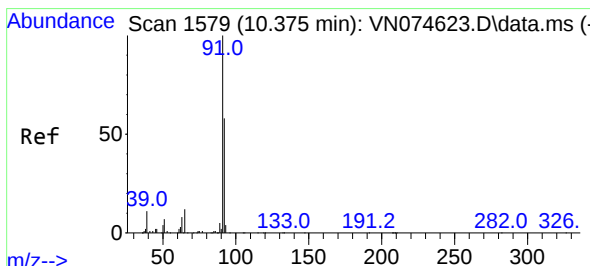
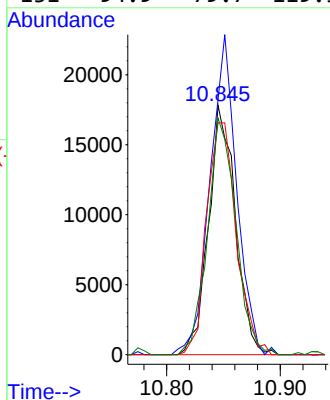
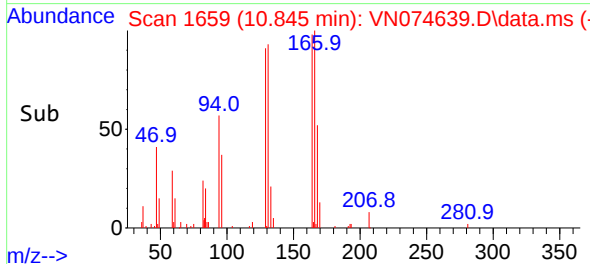
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2022



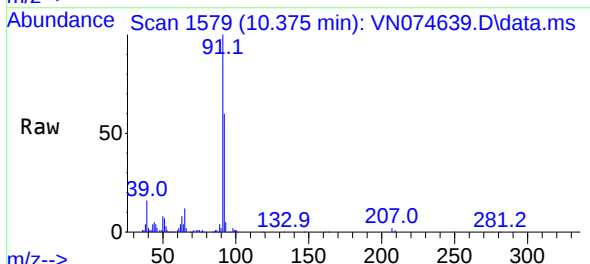
Tgt Ion:164 Resp: 2931
Ion Ratio Lower Upper
164 100
166 102.3 99.6 149.4
129 93.0 84.0 126.0
131 94.9 79.7 119.5

Manual Integrations
APPROVED

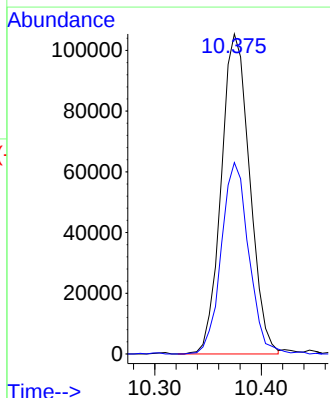
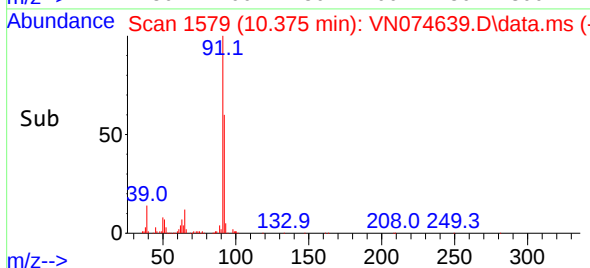
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

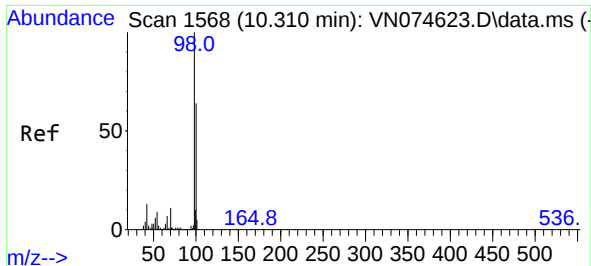


#62
Toluene
Concen: 5.065 ug/l
RT: 10.375 min Scan# 1579
Delta R.T. 0.000 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06



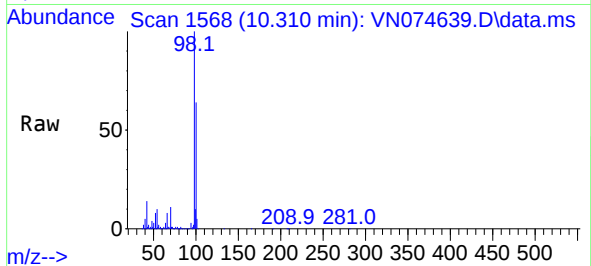
Tgt Ion: 91 Resp: 195330
Ion Ratio Lower Upper
91 100
92 57.7 46.0 69.0





#63
Toluene-d8
Concen: 31.311 ug/l
RT: 10.310 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

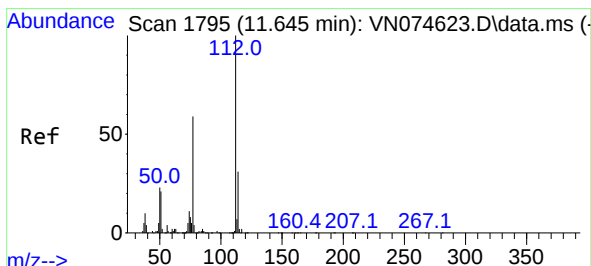
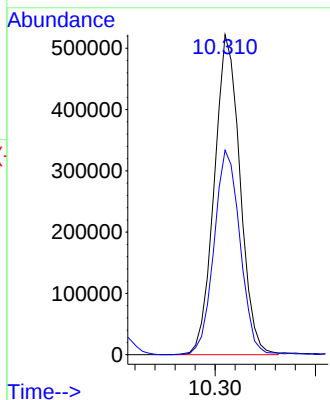
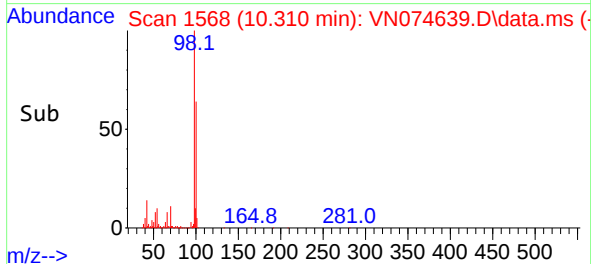
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion: 98 Resp: 930100
Ion Ratio Lower Upper
98 100
100 64.0 52.7 79.1

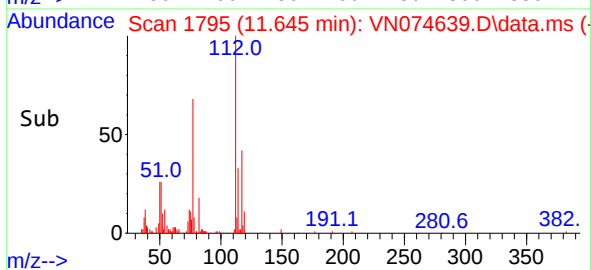
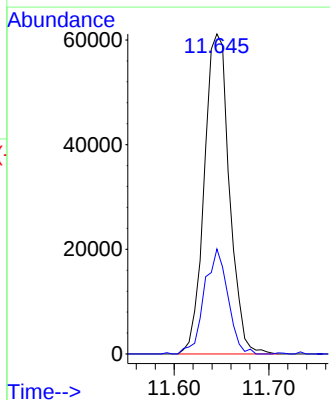
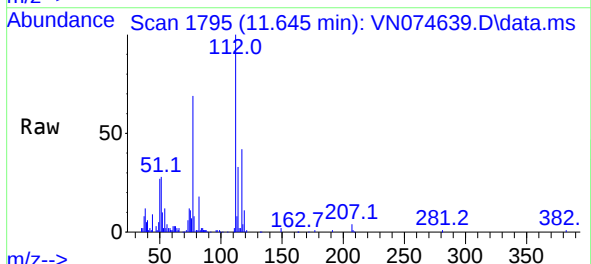
Manual Integrations
APPROVED

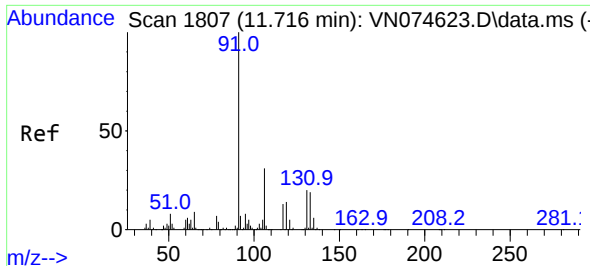
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#64
Chlorobenzene
Concen: 5.087 ug/l
RT: 11.645 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

Tgt Ion:112 Resp: 112404
Ion Ratio Lower Upper
112 100
114 32.5 24.7 37.1





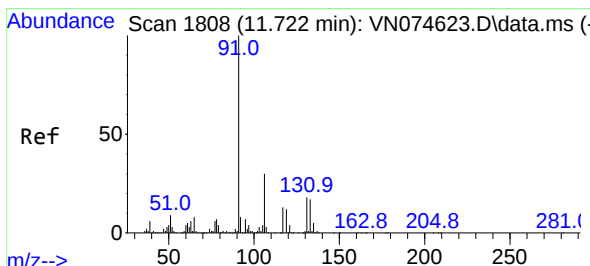
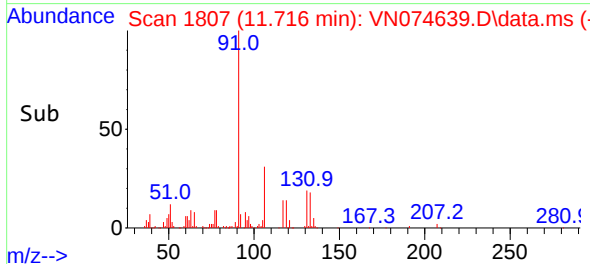
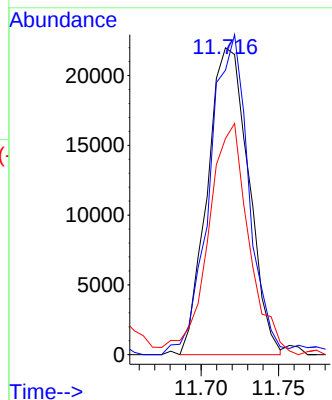
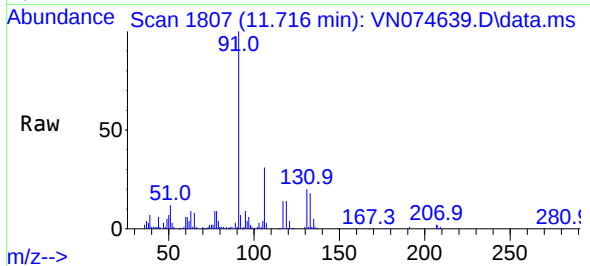
#65
1,1,1,2-Tetrachloroethane
Concen: 4.912 ug/l
RT: 11.716 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2022

Tgt Ion:131 Resp: 40779
Ion Ratio Lower Upper
131 100
133 99.0 0.0 191.8
119 73.7 0.0 135.8

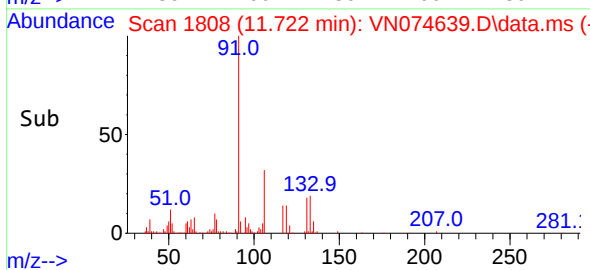
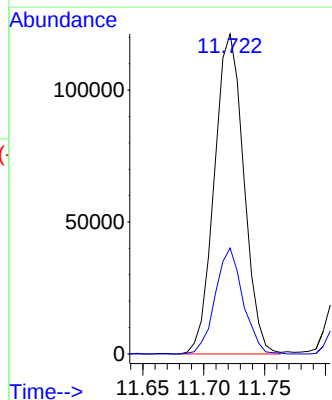
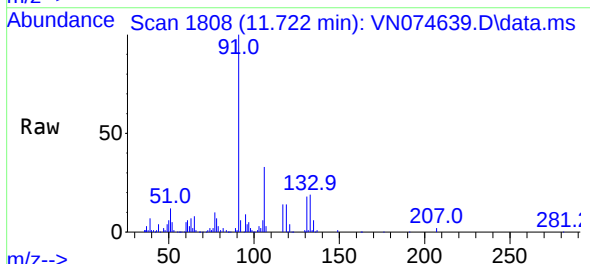
Manual Integrations
APPROVED

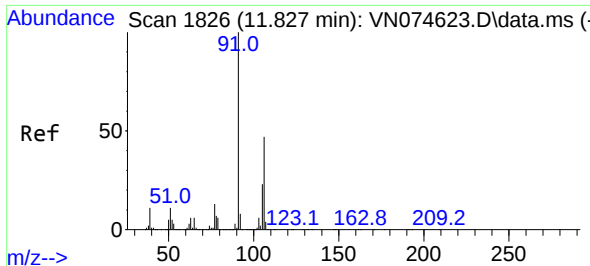
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#66
Ethyl Benzene
Concen: 4.978 ug/l
RT: 11.722 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

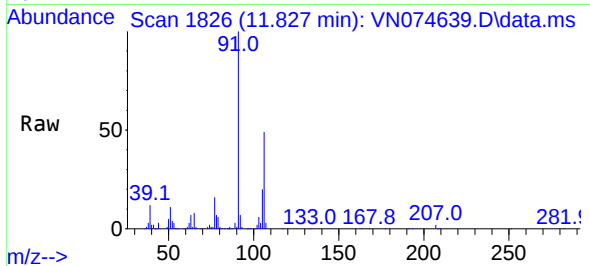
Tgt Ion: 91 Resp: 203835
Ion Ratio Lower Upper
91 100
106 33.1 24.1 36.1





#67
m/p-Xylenes
Concen: 9.074 ug/l
RT: 11.827 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

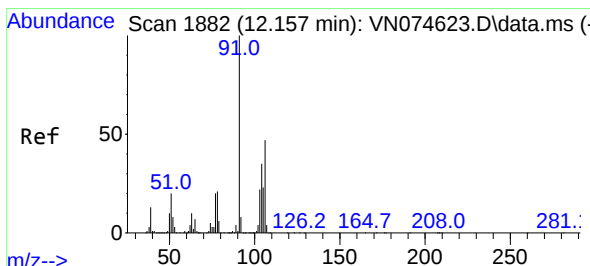
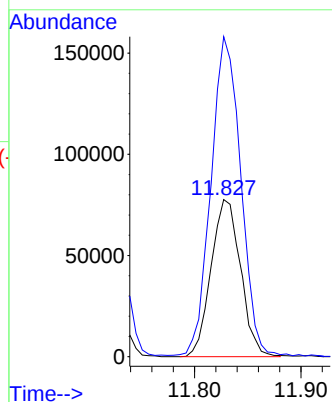
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2022



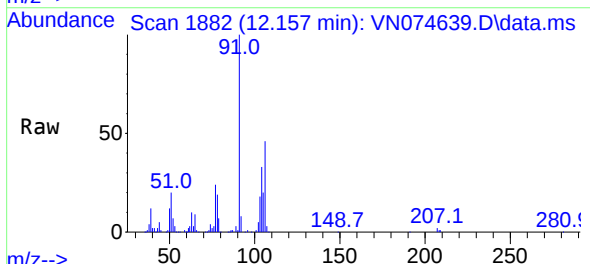
Tgt Ion:106 Resp: 149199
Ion Ratio Lower Upper
106 100
91 206.2 164.2 246.4

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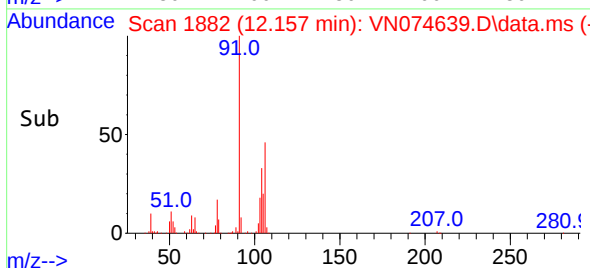
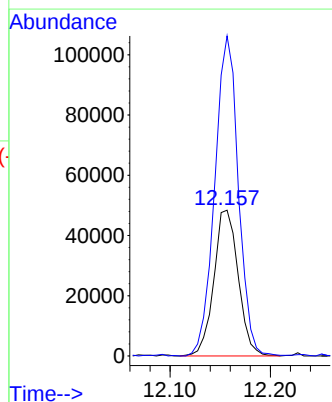
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

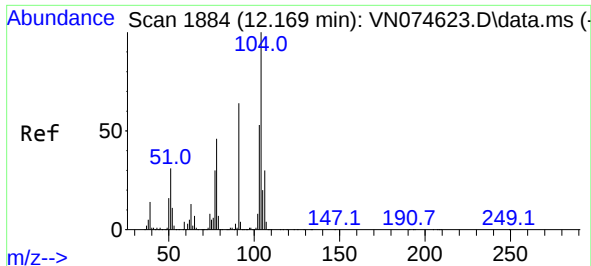


#68
o-Xylene
Concen: 4.881 ug/l
RT: 12.157 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06



Tgt Ion:106 Resp: 81716
Ion Ratio Lower Upper
106 100
91 212.6 108.5 325.5





#69

Styrene

Concen: 4.292 ug/l

RT: 12.174 min Scan# 1884

Delta R.T. 0.006 min

Lab File: VN074639.D

Acq: 27 Sep 2022 20:06

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT3-2022

Tgt Ion:104 Resp: 12086

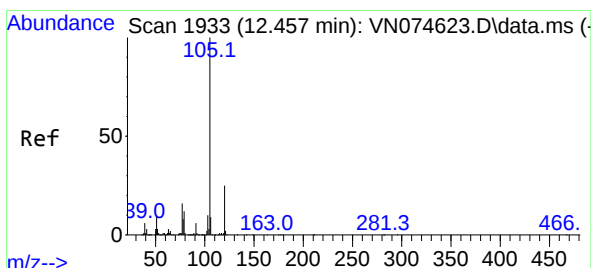
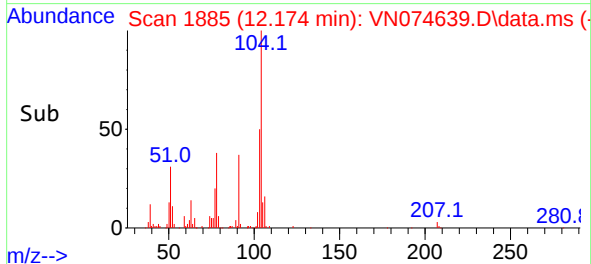
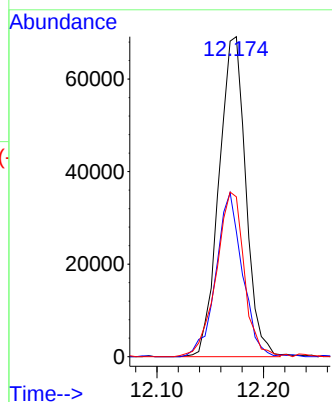
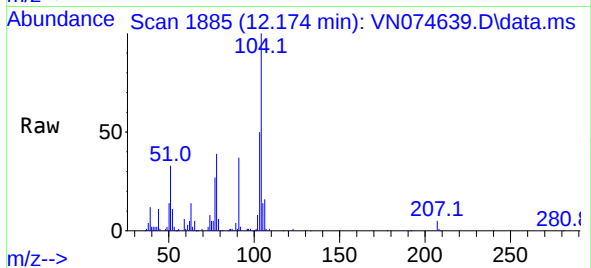
Ion	Ratio	Lower	Upper
104	100		
78	50.3	39.9	59.9
103	53.5	43.8	65.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2022

Supervised By :Mahesh Dadoda 09/28/2022



#70

Isopropylbenzene

Concen: 4.326 ug/l

RT: 12.457 min Scan# 1933

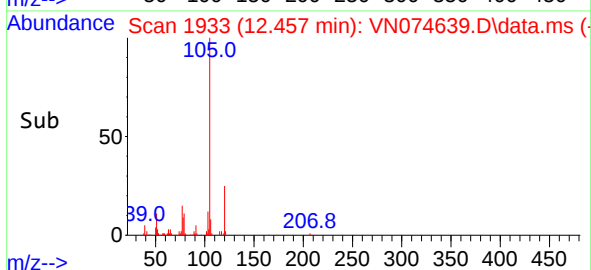
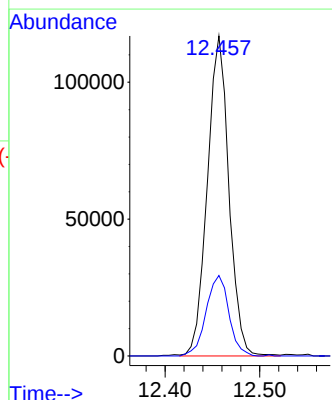
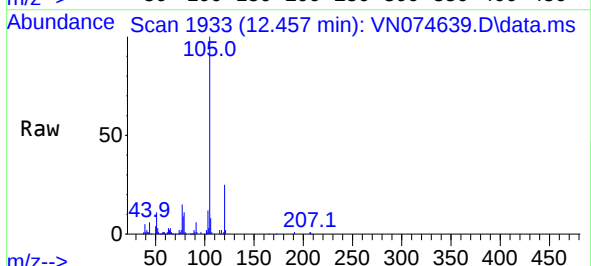
Delta R.T. 0.000 min

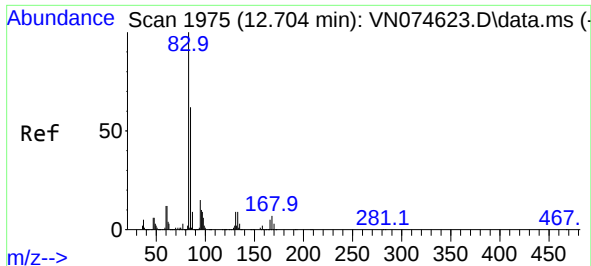
Lab File: VN074639.D

Acq: 27 Sep 2022 20:06

Tgt Ion:105 Resp: 184762

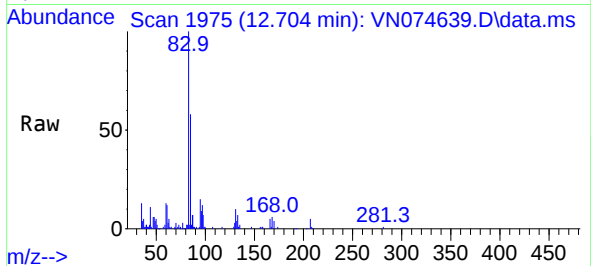
Ion	Ratio	Lower	Upper
105	100		
120	26.5	18.5	34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 5.308 ug/l
RT: 12.704 min Scan# 1975
Delta R.T. 0.000 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

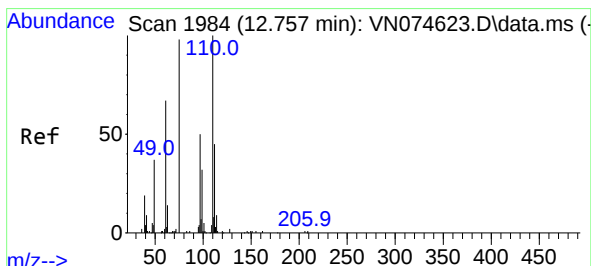
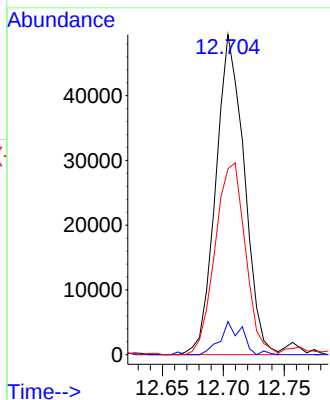
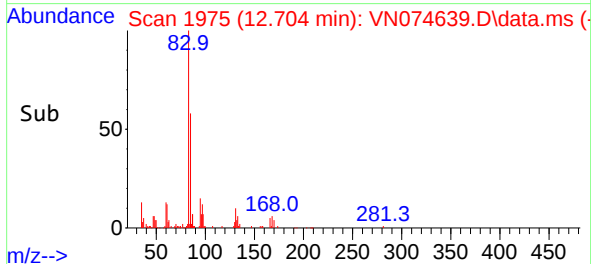
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion: 83 Resp: 8047
Ion Ratio Lower Upper
83 100
131 7.7 4.5 13.5
85 63.8 30.9 92.7

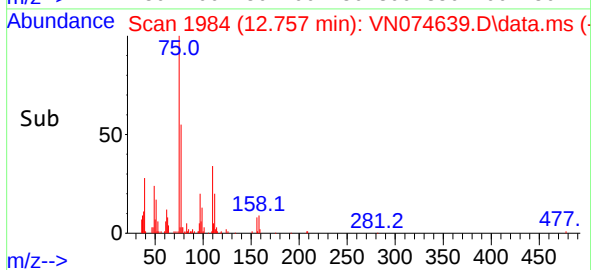
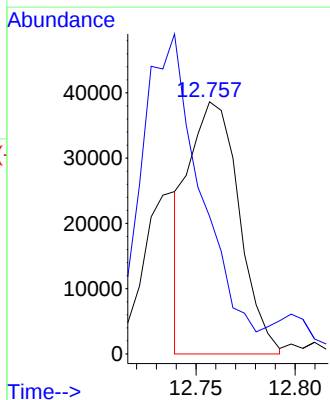
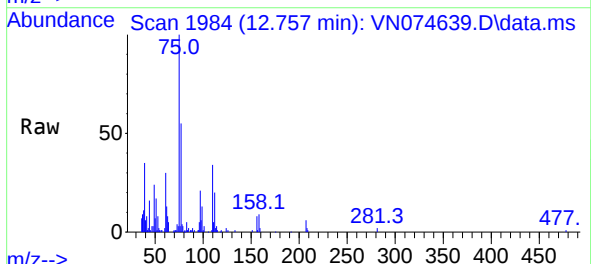
Manual Integrations
APPROVED

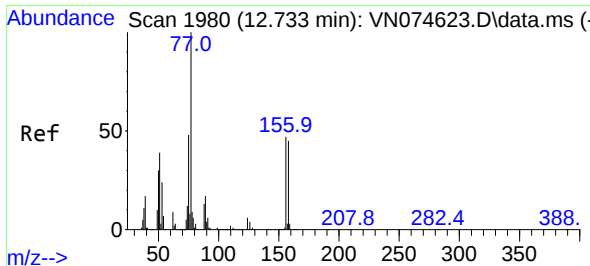
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#72
1,2,3-Trichloropropane
Concen: 5.964 ug/l m
RT: 12.757 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

Tgt Ion: 75 Resp: 68450
Ion Ratio Lower Upper
75 100
77 151.8 0.0 372.4





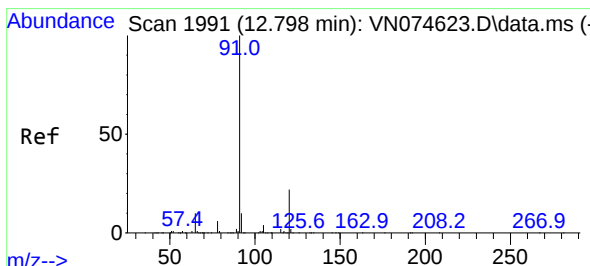
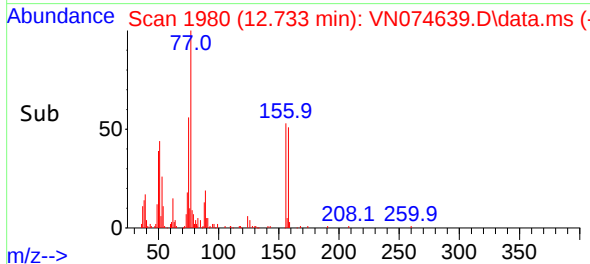
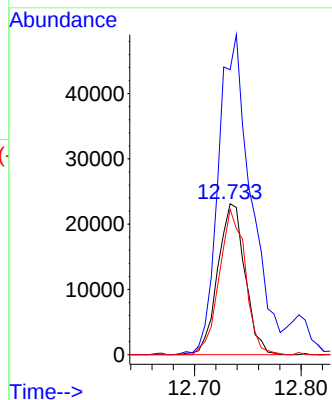
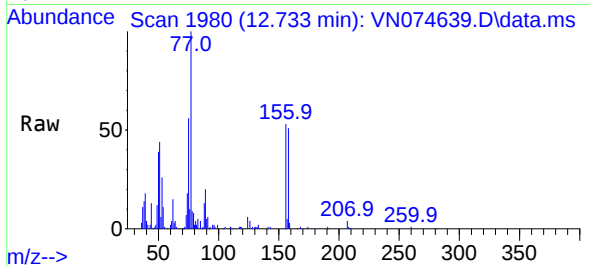
#73
Bromobenzene
Concen: 4.790 ug/l
RT: 12.733 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2022

Tgt Ion:156 Resp: 4110
Ion Ratio Lower Upper
156 100
77 252.9 0.0 491.8
158 92.2 0.0 185.0

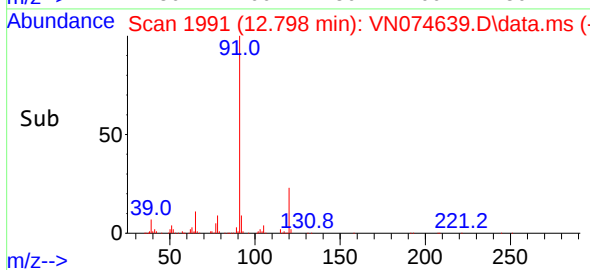
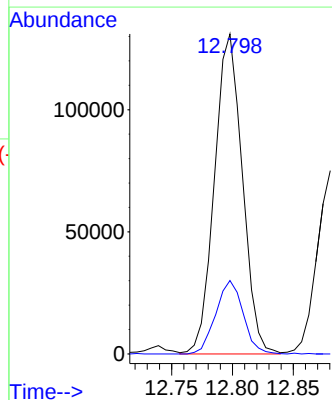
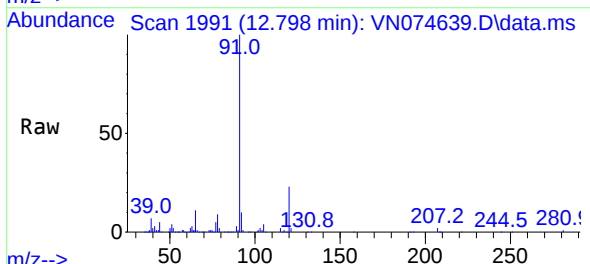
Manual Integrations
APPROVED

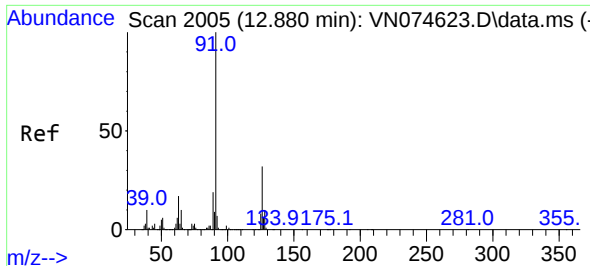
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#74
n-propylbenzene
Concen: 4.336 ug/l
RT: 12.798 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

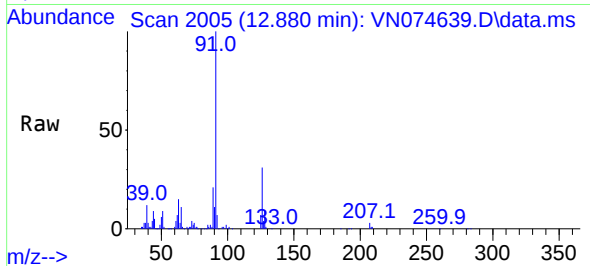
Tgt Ion: 91 Resp: 208647
Ion Ratio Lower Upper
91 100
120 22.5 0.0 44.6





#75
2-Chlorotoluene
Concen: 4.634 ug/l
RT: 12.880 min Scan# 2005
Delta R.T. 0.000 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

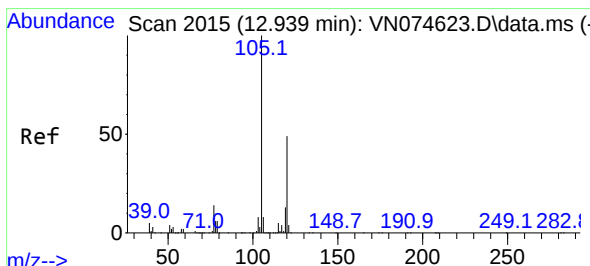
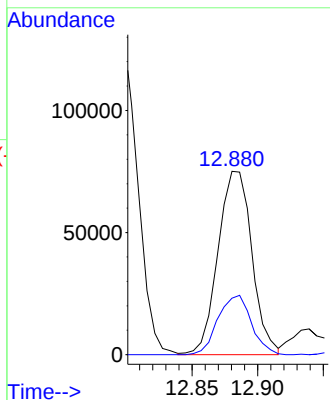
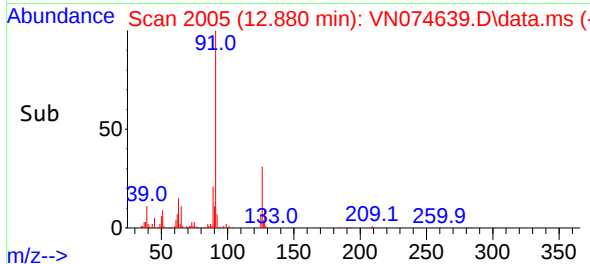
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2022



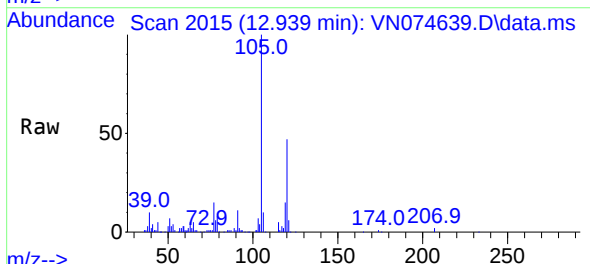
Tgt Ion: 91 Resp: 135284
Ion Ratio Lower Upper
91 100
126 31.8 0.0 66.2

Manual Integrations
APPROVED

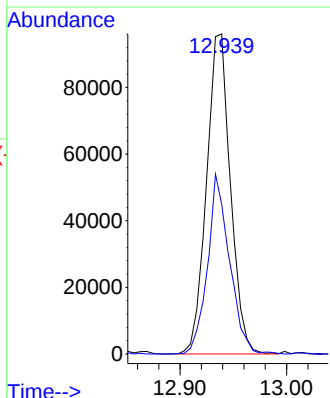
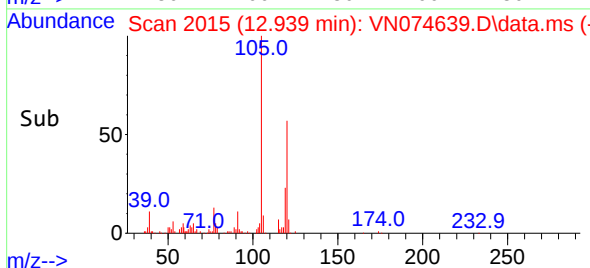
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

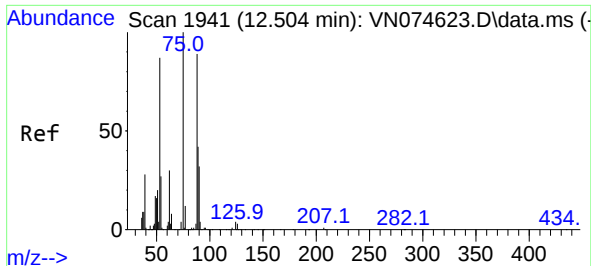


#76
1,3,5-Trimethylbenzene
Concen: 4.155 ug/l
RT: 12.939 min Scan# 2015
Delta R.T. 0.000 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06



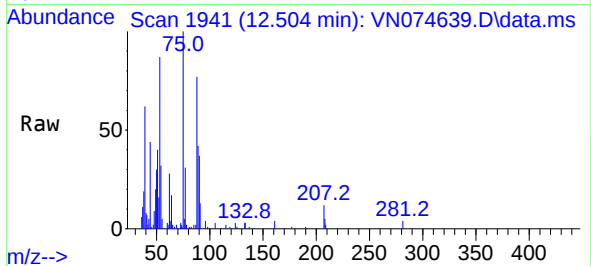
Tgt Ion:105 Resp: 149636
Ion Ratio Lower Upper
105 100
120 51.3 0.0 97.4





#77
t-1,4-Dichloro-2-butene
Concen: 4.291 ug/l
RT: 12.504 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

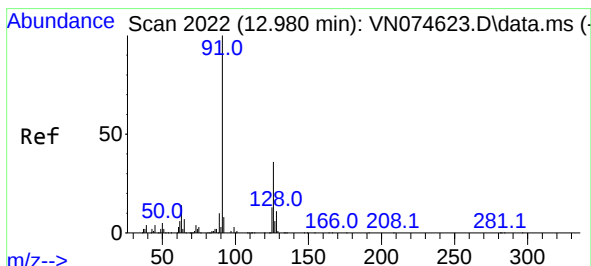
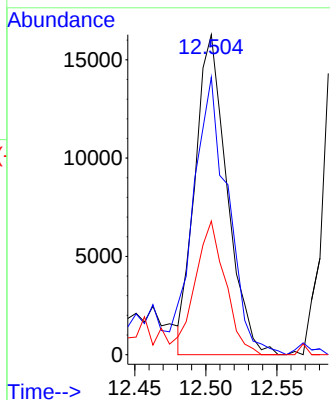
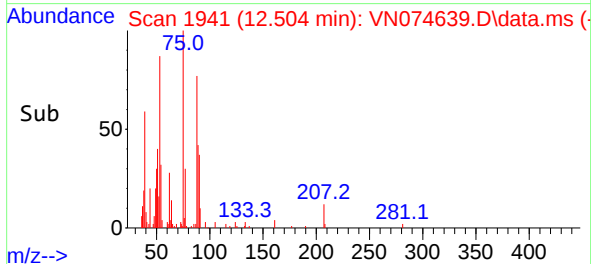
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2022



Tgt Ion: 75 Resp: 25509
Ion Ratio Lower Upper
75 100
53 85.5 43.3 129.9
89 41.8 21.1 63.1

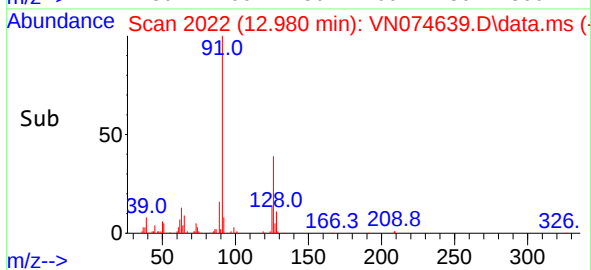
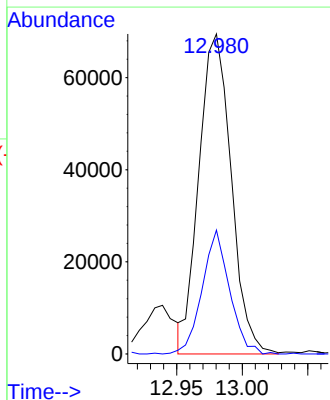
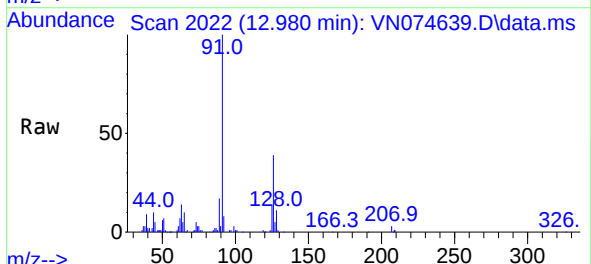
Manual Integrations
APPROVED

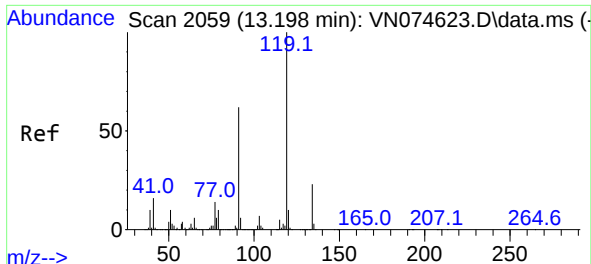
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#78
4-Chlorotoluene
Concen: 4.065 ug/l
RT: 12.980 min Scan# 2022
Delta R.T. 0.000 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

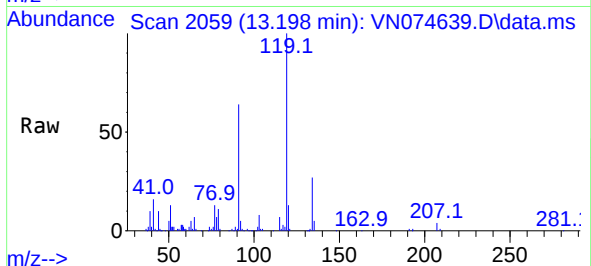
Tgt Ion: 91 Resp: 118915
Ion Ratio Lower Upper
91 100
126 32.8 0.0 67.8





#79
tert-butylbenzene
Concen: 4.137 ug/l
RT: 13.198 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

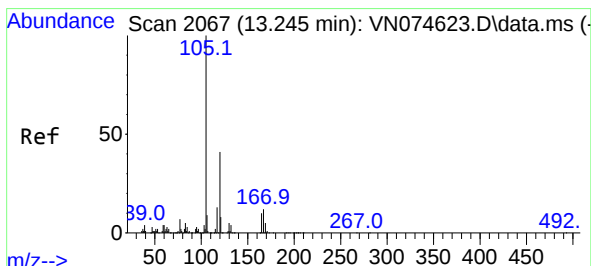
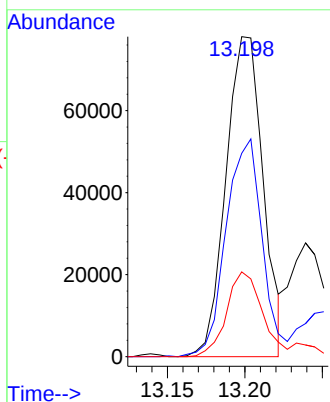
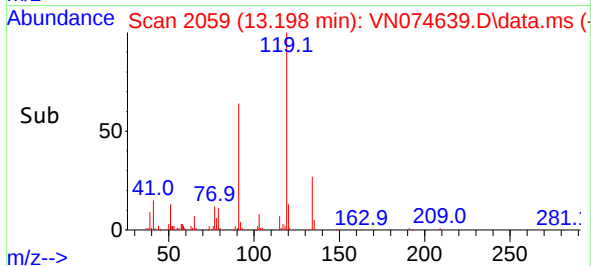
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2022



Tgt Ion:119 Resp: 13032
Ion Ratio Lower Upper
119 100
91 66.0 0.0 129.0
134 25.4 0.0 52.2

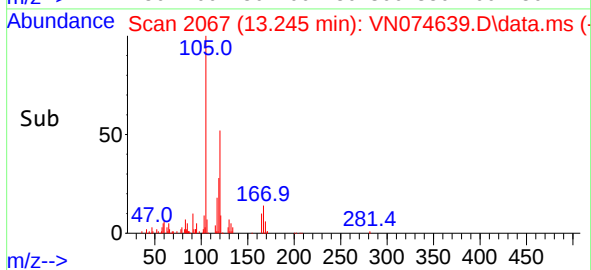
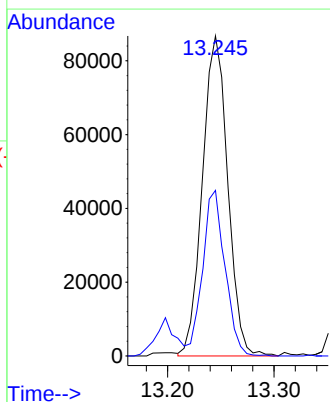
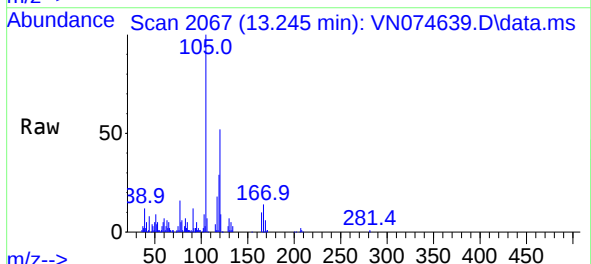
Manual Integrations
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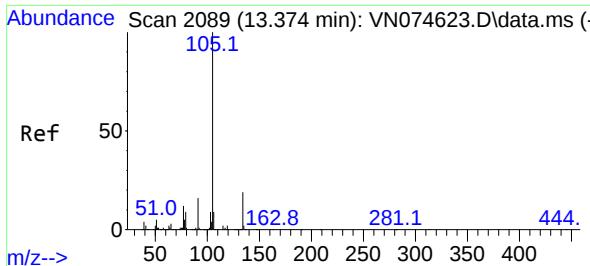
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#80
1,2,4-Trimethylbenzene
Concen: 4.029 ug/l
RT: 13.245 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

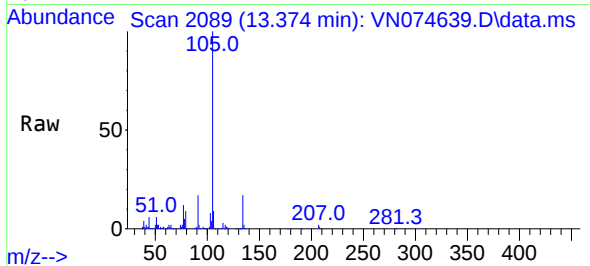
Tgt Ion:105 Resp: 143308
Ion Ratio Lower Upper
105 100
120 45.9 0.0 93.2





#81
 sec-Butylbenzene
 Concen: 4.045 ug/l
 RT: 13.374 min Scan# 2089
 Delta R.T. 0.000 min
 Lab File: VN074639.D
 Acq: 27 Sep 2022 20:06

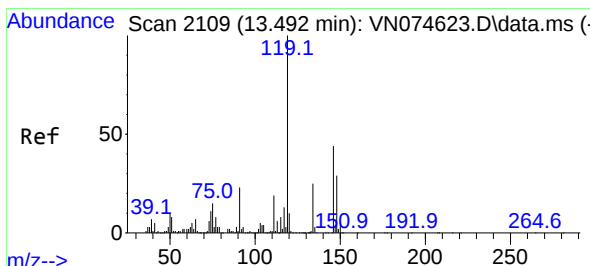
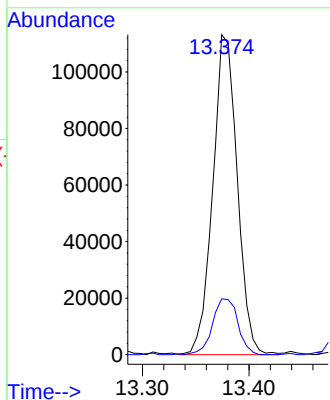
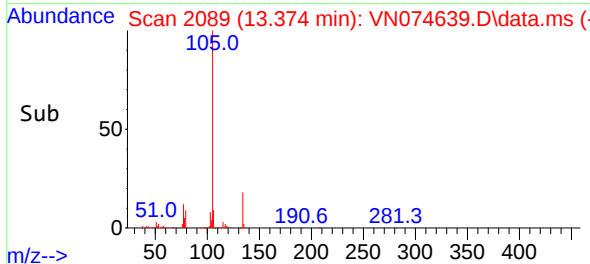
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT3-2022



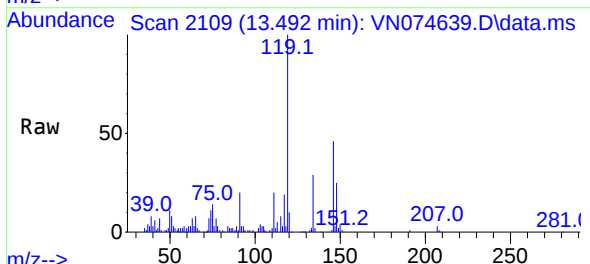
Tgt Ion:105 Resp: 180425
 Ion Ratio Lower Upper
 105 100
 134 18.1 0.0 38.8

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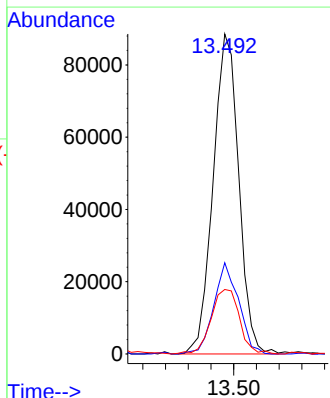
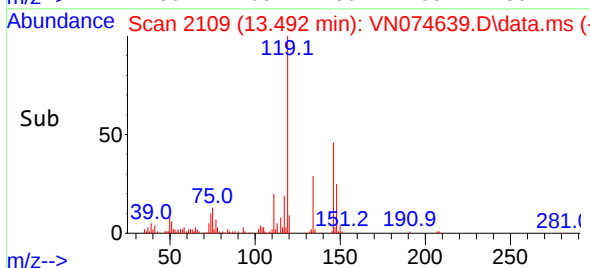
Reviewed By :John Carlone 09/28/2022
 Supervised By :Mahesh Dadoda 09/28/2022

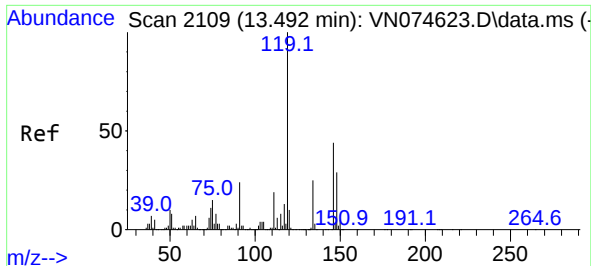


#82
 p-Isopropyltoluene
 Concen: 3.781 ug/l
 RT: 13.492 min Scan# 2109
 Delta R.T. 0.000 min
 Lab File: VN074639.D
 Acq: 27 Sep 2022 20:06



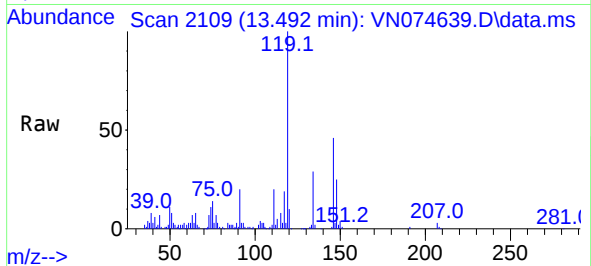
Tgt Ion:119 Resp: 138738
 Ion Ratio Lower Upper
 119 100
 134 27.6 0.0 51.4
 91 22.4 0.0 46.8





#83
1,3-Dichlorobenzene
Concen: 3.843 ug/l
RT: 13.492 min Scan# 2109
Delta R.T. 0.000 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

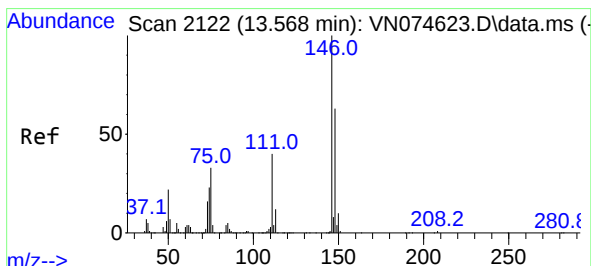
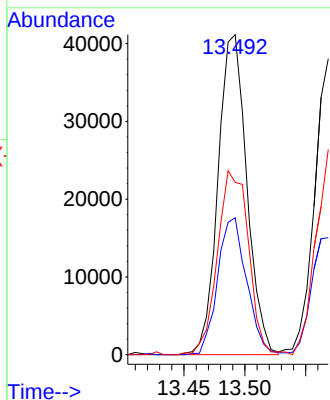
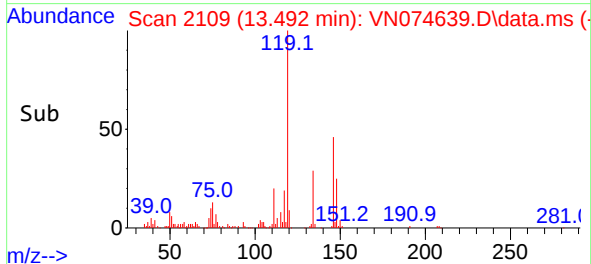
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2022



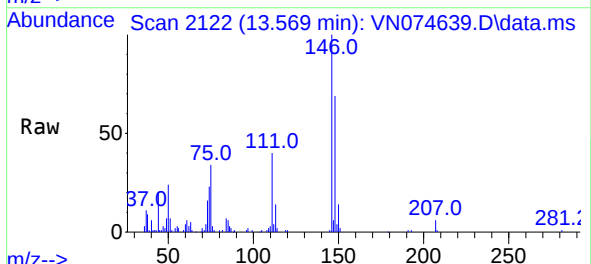
Tgt Ion:146 Resp: 6777
Ion Ratio Lower Upper
146 100
111 42.3 20.5 61.5
148 61.7 31.0 93.0

Manual Integrations
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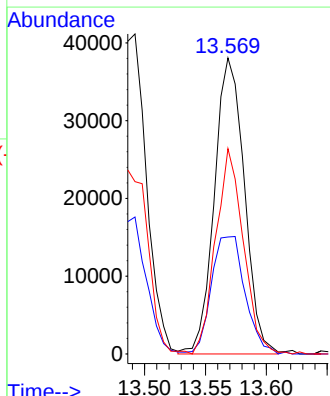
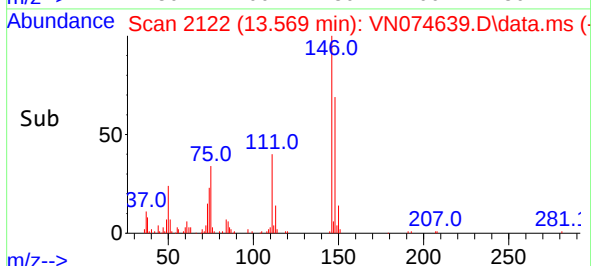
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

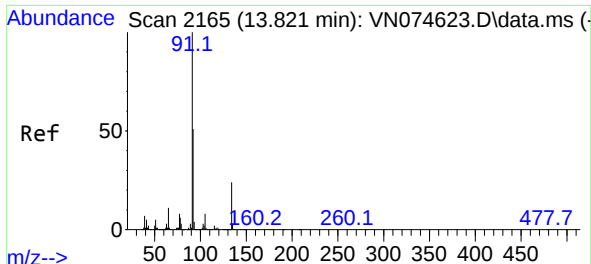


#84
1,4-Dichlorobenzene
Concen: 3.717 ug/l
RT: 13.569 min Scan# 2122
Delta R.T. 0.000 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06



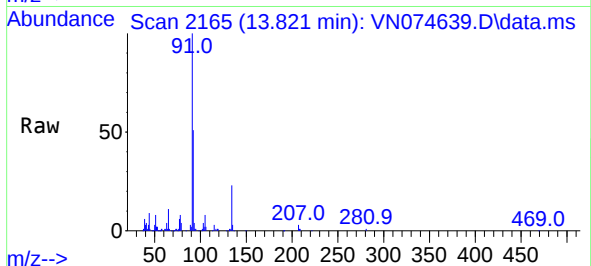
Tgt Ion:146 Resp: 65194
Ion Ratio Lower Upper
146 100
111 44.5 19.1 57.5
148 64.2 31.7 95.1





#85
n-Butylbenzene
Concen: 3.699 ug/l
RT: 13.821 min Scan# 2165
Delta R.T. 0.000 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

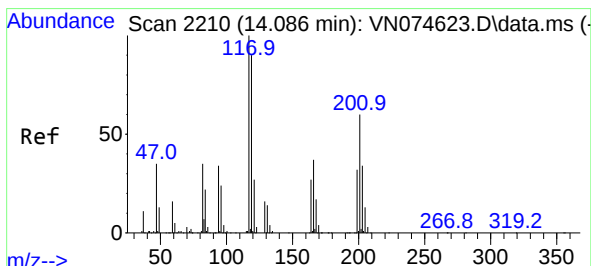
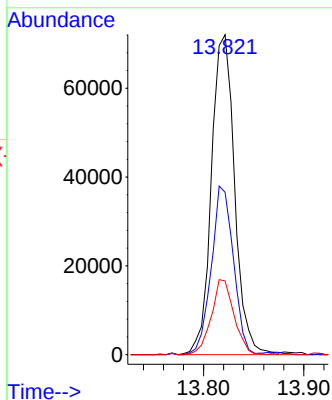
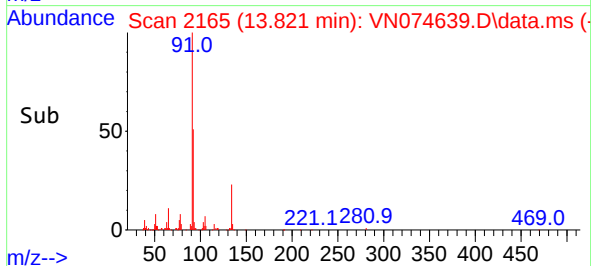
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2022



Tgt Ion: 91 Resp: 115800
Ion Ratio Lower Upper
91 100
92 50.3 0.0 105.4
134 23.0 0.0 46.4

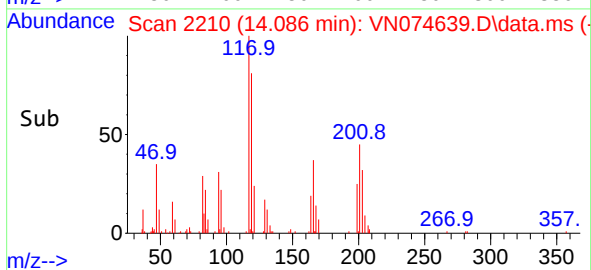
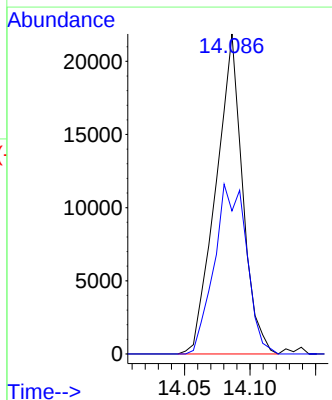
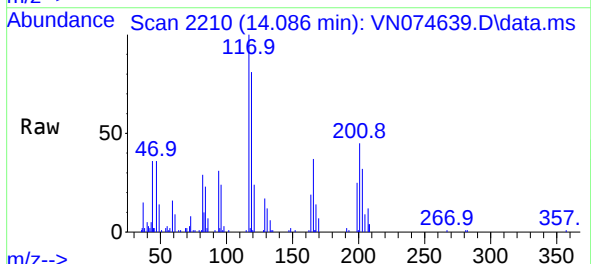
Manual Integrations
APPROVED

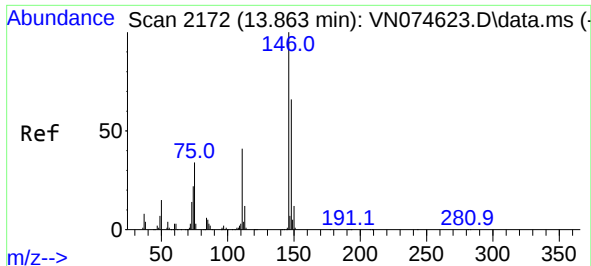
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#86
Hexachloroethane
Concen: 4.387 ug/l
RT: 14.086 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

Tgt Ion:117 Resp: 31003
Ion Ratio Lower Upper
117 100
201 64.3 29.4 88.3





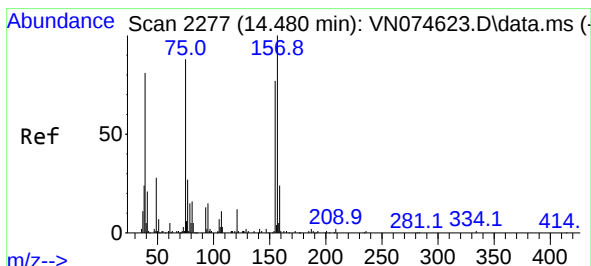
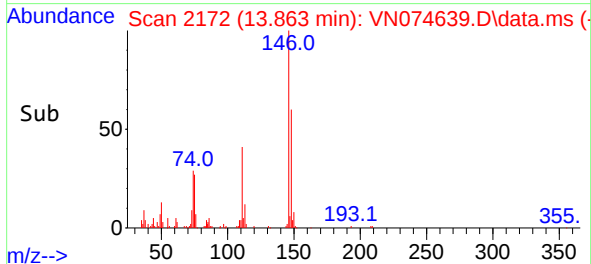
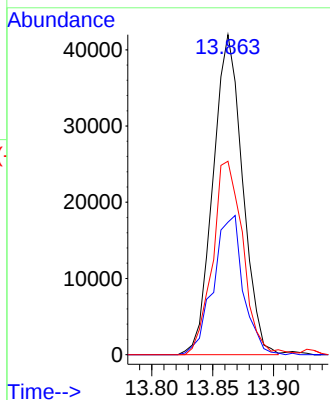
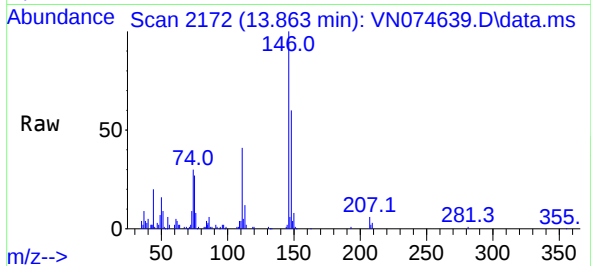
#87
1,2-Dichlorobenzene
Concen: 3.921 ug/l
RT: 13.863 min Scan# 2172
Delta R.T. 0.000 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2022

Tgt Ion:146 Resp: 7072
Ion Ratio Lower Upper
146 100
111 44.3 21.4 64.2
148 61.5 30.6 92.0

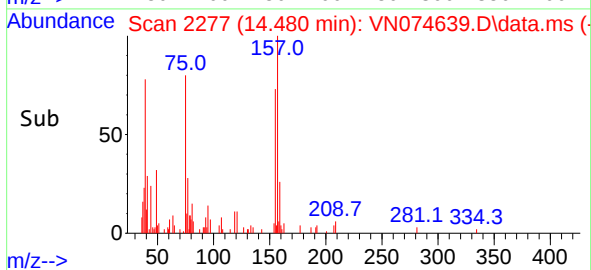
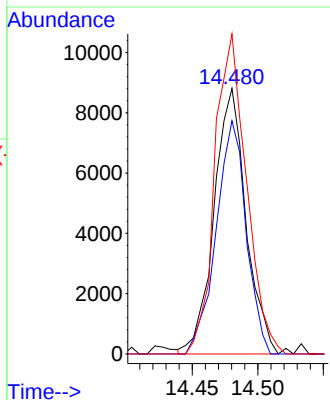
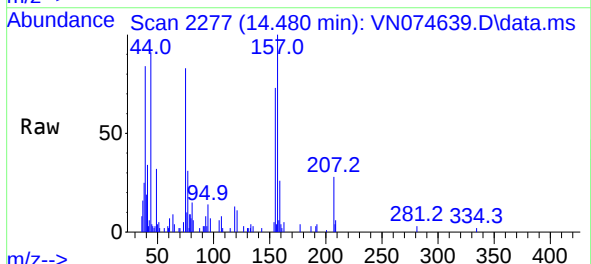
Manual Integrations
APPROVED

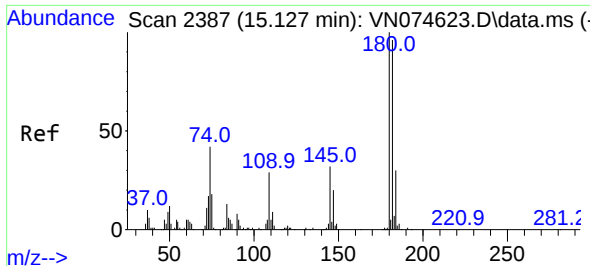
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#88
1,2-Dibromo-3-Chloropropane
Concen: 4.690 ug/l
RT: 14.480 min Scan# 2277
Delta R.T. 0.000 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

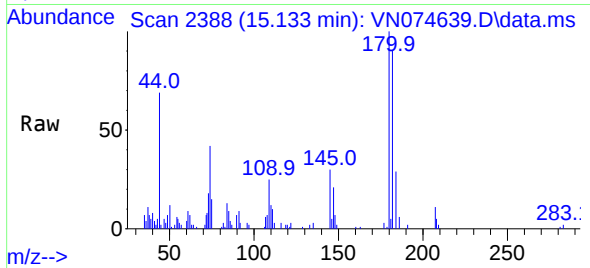
Tgt Ion: 75 Resp: 14892
Ion Ratio Lower Upper
75 100
155 82.7 66.3 99.5
157 119.5 84.3 126.5





#89
1,2,4-Trichlorobenzene
Concen: 4.053 ug/l
RT: 15.133 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

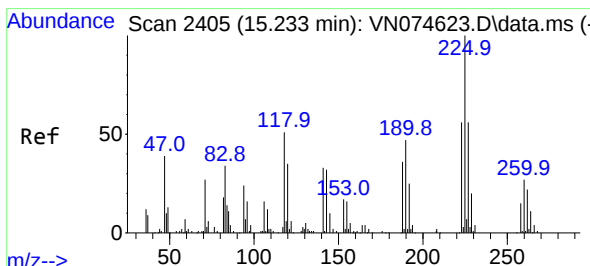
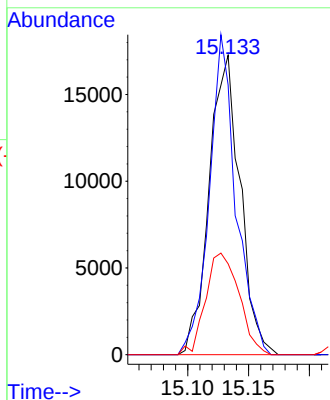
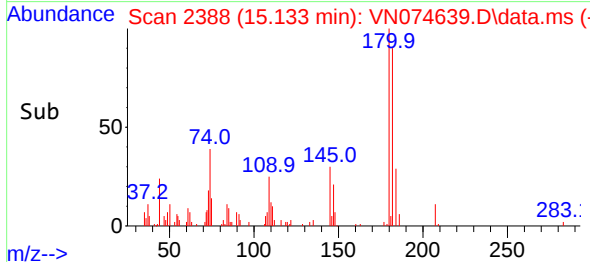
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2022



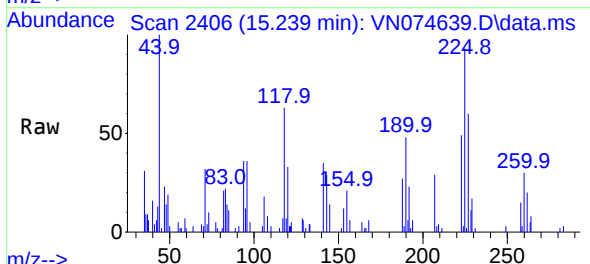
Tgt Ion:180 Resp: 30498
Ion Ratio Lower Upper
180 100
182 92.4 74.9 112.3
145 36.1 26.3 39.5

Manual Integrations
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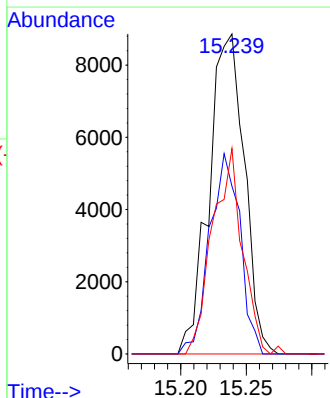
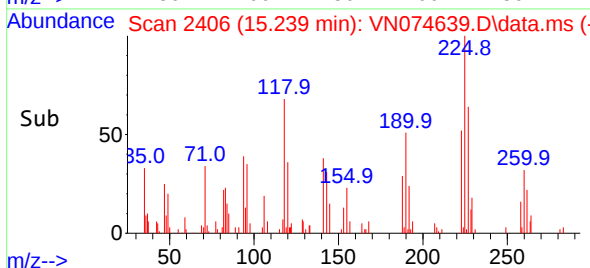
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

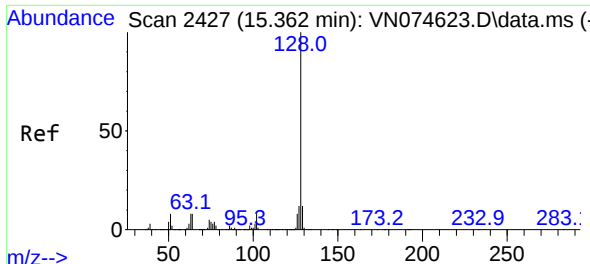


#90
Hexachlorobutadiene
Concen: 5.028 ug/l
RT: 15.239 min Scan# 2406
Delta R.T. 0.006 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06



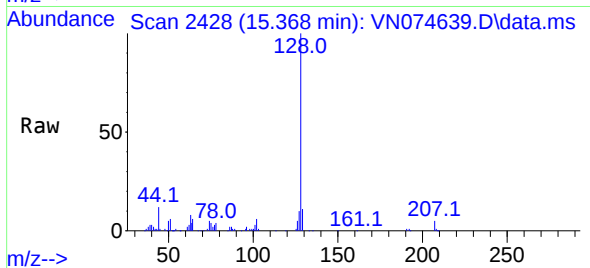
Tgt Ion:225 Resp: 16669
Ion Ratio Lower Upper
225 100
223 53.5 0.0 125.0
227 53.9 0.0 123.0





#91
Naphthalene
Concen: 4.395 ug/l
RT: 15.368 min Scan# 2427
Delta R.T. 0.006 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06

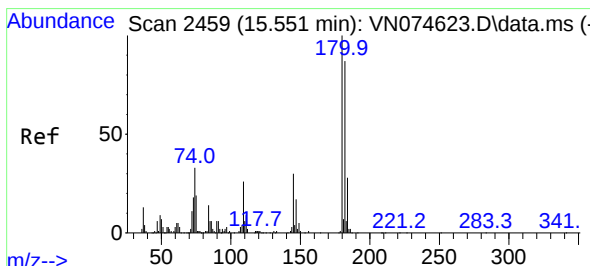
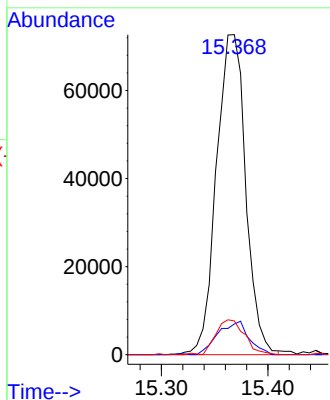
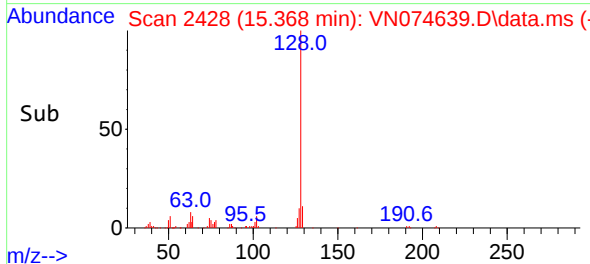
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2022



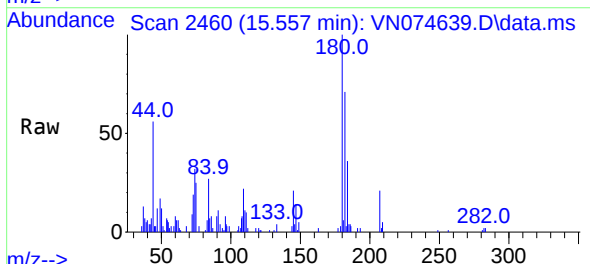
Tgt Ion:128 Resp: 138719
Ion Ratio Lower Upper
128 100
127 11.0 10.7 16.1
129 10.7 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#92
1,2,3-Trichlorobenzene
Concen: 3.874 ug/l m
RT: 15.557 min Scan# 2460
Delta R.T. 0.006 min
Lab File: VN074639.D
Acq: 27 Sep 2022 20:06



Tgt Ion:180 Resp: 29226
Ion Ratio Lower Upper
180 100
182 96.5 0.0 185.4
145 37.6 0.0 68.6

