

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032422\
 Data File : VN071520.D
 Acq On : 24 Mar 2022 14:29
 Operator : JC\MD
 Sample : N1645-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT1-2022

Quant Time: Mar 25 08:59:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032422W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 25 08:59:00 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/25/2022
 Supervised By : Mahesh Dadoda 03/25/2022

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

Internal Standards						
1) Bromochloromethane	7.657	128	108381	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	584602	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	512328	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.434	65	231256	30.285	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.933%	
60) 4-Bromofluorobenzene	12.727	95	209187	27.537	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 91.800%	
63) Toluene-d8	10.439	98	727928	31.299	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 104.333%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	30239	4.483	ug/l	97
3) Chloromethane	2.299	50	42064	5.290	ug/l	97
4) Vinyl Chloride	2.440	62	45341	4.973	ug/l	94
5) Bromomethane	2.846	94	31941	5.945	ug/l	94
6) Chloroethane	3.010	64	30166	5.166	ug/l	98
7) Trichlorofluoromethane	3.369	101	53339	5.017	ug/l	96
8) Diethyl Ether	3.828	74	21952	4.914	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.210	101	31570	4.959	ug/l #	45
10) 1,1-Dichloroethene	4.187	96	31874	5.076	ug/l	93
11) Methyl Iodide	4.422	142	42040	4.569	ug/l	94
12) Methyl Acetate	4.851	43	47917	5.415	ug/l	95
13) Acrolein	4.040	56	29857	31.715	ug/l	100
14) Acrylonitrile	5.551	53	102278	25.520	ug/l #	85
15) Acetone	4.293	58	27664m	23.986	ug/l	
16) Carbon Disulfide	4.534	76	80251	4.909	ug/l	96
17) Allyl chloride	4.846	41	48230	4.736	ug/l	78
18) Methylene Chloride	5.093	84	39411	5.232	ug/l	95
19) trans-1,2-Dichloroethene	5.593	96	33347	4.965	ug/l	94
20) Diisopropyl ether	6.492	45	104827	4.919	ug/l #	94
21) 1,1-Dichloroethane	6.387	63	64683	5.028	ug/l	98
22) cis-1,2-Dichloroethene	7.322	96	41010	5.026	ug/l	95
23) tert-Butyl Alcohol	5.357	59	33234	23.239	ug/l #	100
24) Methyl tert-Butyl Ether	5.610	73	109496	4.832	ug/l	94
25) Chloroform	7.816	83	65761	5.082	ug/l	99
26) Cyclohexane	8.098	56	53724	4.831	ug/l #	99
29) 1,1-Dichloropropene	8.216	75	45678	4.827	ug/l	97
30) 2-Butanone	7.334	43	131403	24.948	ug/l #	96
31) 2,2-Dichloropropane	7.322	77	53127	4.929	ug/l	99
32) 1,1,1-Trichloroethane	8.010	97	55822	5.065	ug/l	96
33) Carbon Tetrachloride	8.204	117	46651	5.001	ug/l	97
34) Benzene	8.457	78	150686	5.126	ug/l #	93
35) Methacrylonitrile	7.628	41	26393	5.223	ug/l	95
36) 1,2-Dichloroethane	8.528	62	52731	5.141	ug/l	96
37) Trichloroethene	9.210	130	38424	5.065	ug/l	97
38) Methylcyclohexane	9.457	83	53790	4.510	ug/l	93
39) 1,2-Dichloropropane	9.486	63	36655	4.983	ug/l	96
40) Dibromomethane	9.575	93	25584	5.139	ug/l	86
41) Bromodichloromethane	9.757	83	48773	4.896	ug/l	93
42) Vinyl Acetate	6.428	43	434460	24.073	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.410	43	51409	5.033	ug/l	96
44) Isopropyl Acetate	8.557	43	83770	5.114	ug/l	96
45) 1,4-Dioxane	9.569	88	16460m	99.592	ug/l	
46) Methyl methacrylate	9.551	41	34377	4.786	ug/l	84
47) n-amyl Acetate	12.386	43	43339	3.965	ug/l	91
48) t-1,3-Dichloropropene	10.710	75	48806	4.507	ug/l	98
49) cis-1,3-Dichloropropene	10.186	75	54802	4.628	ug/l #	84
50) 1,1,2-Trichloroethane	10.892	97	37743	5.071	ug/l	98
51) Ethyl methacrylate	10.757	69	51482	4.480	ug/l	82
52) 1,3-Dichloropropane	11.039	76	64281	5.057	ug/l	99
53) Dibromochloromethane	11.233	129	34609	4.492	ug/l	97
54) 1,2-Dibromoethane	11.339	107	37276	4.869	ug/l	94
55) 2-Chloroethyl vinyl ether	10.039	63	57394	18.537	ug/l	97
56) Bromoform	12.451	173	25607	4.311	ug/l #	99
58) 4-Methyl-2-Pentanone	10.328	43	251356	25.845	ug/l	94
59) 2-Hexanone	11.080	43	171909	24.210	ug/l	92
61) Tetrachloroethene	10.969	164	33072	5.304	ug/l	87
62) Toluene	10.498	91	162517	5.231	ug/l	97
64) Chlorobenzene	11.769	112	99917	5.214	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.839	131	35195	5.007	ug/l	99
66) Ethyl Benzene	11.839	91	161877	4.795	ug/l	97
67) m/p-Xylenes	11.951	106	126050	9.598	ug/l	93
68) o-Xylene	12.280	106	61213	4.689	ug/l	99
69) Styrene	12.292	104	88060	4.286	ug/l	100
70) Isopropylbenzene	12.574	105	152923	4.668	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.822	83	56880	5.334	ug/l	98
72) 1,2,3-Trichloropropane	12.874	75	41286m	4.507	ug/l	
73) Bromobenzene	12.857	156	38558	4.824	ug/l	96
74) n-propylbenzene	12.916	91	155266	4.342	ug/l	99
75) 2-Chlorotoluene	13.004	91	104737	4.687	ug/l	98
76) 1,3,5-Trimethylbenzene	13.057	105	119919	4.562	ug/l	95
77) t-1,4-Dichloro-2-butene	12.622	75	13105	4.074	ug/l	89
78) 4-Chlorotoluene	13.104	91	93150	4.463	ug/l	97
79) tert-butylbenzene	13.321	119	110904	4.676	ug/l	94
80) 1,2,4-Trimethylbenzene	13.363	105	114551m	4.492	ug/l	
81) sec-Butylbenzene	13.498	105	139577	4.380	ug/l	97
82) p-Isopropyltoluene	13.610	119	106784	4.124	ug/l	96
83) 1,3-Dichlorobenzene	13.610	146	57705	4.412	ug/l	96
84) 1,4-Dichlorobenzene	13.692	146	53341	4.273	ug/l	99
85) n-Butylbenzene	13.939	91	74041	3.850	ug/l	97
86) Hexachloroethane	14.204	117	21266	4.398	ug/l	82
87) 1,2-Dichlorobenzene	13.986	146	57763	4.568	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.598	75	8110	4.275	ug/l #	83
89) 1,2,4-Trichlorobenzene	15.257	180	19192	3.284	ug/l	97
90) Hexachlorobutadiene	15.368	225	17065	4.927	ug/l	98
91) Naphthalene	15.504	128	45196	2.781	ug/l	99
92) 1,2,3-Trichlorobenzene	15.698	180	19727	3.441	ug/l	98

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

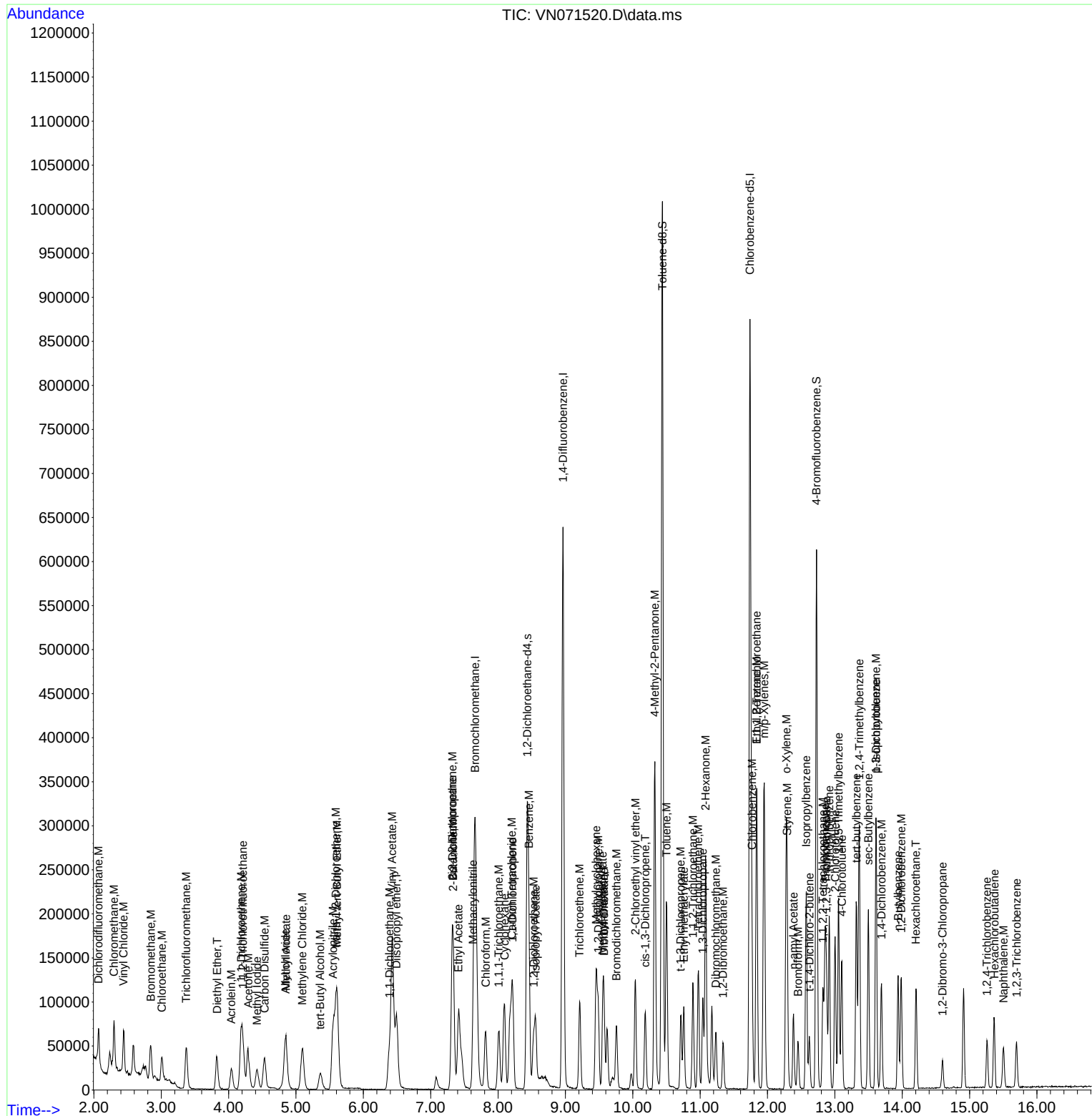
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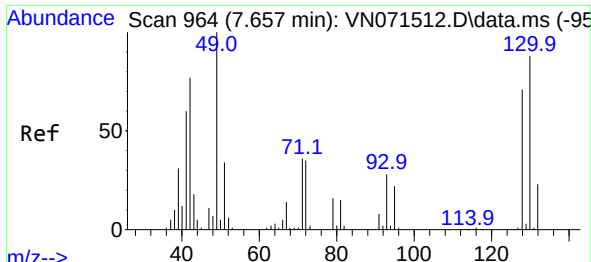
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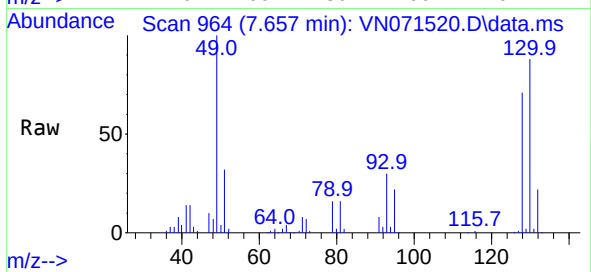
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29

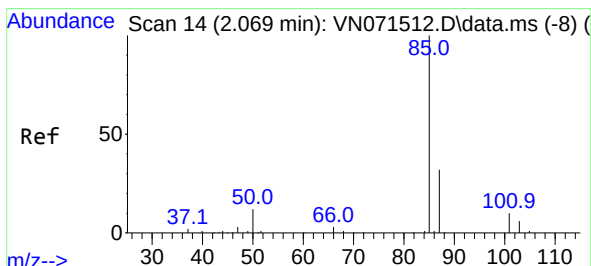
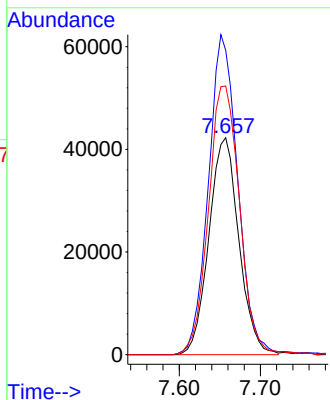
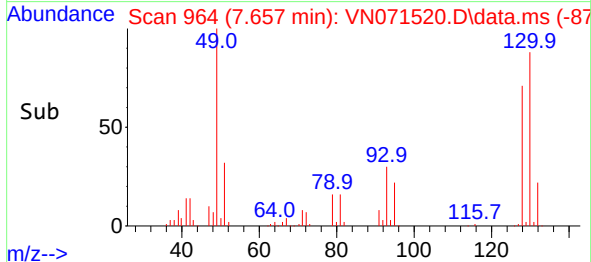
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ClientSampleId :
LOQ-WATER-02-QT1-2022



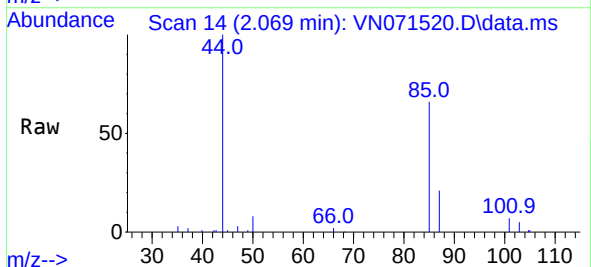
Tgt Ion:128 Resp: 10838
Ion Ratio Lower Upper
128 100
49 144.2 0.0 392.3
130 128.8 0.0 320.2

Manual Integrations
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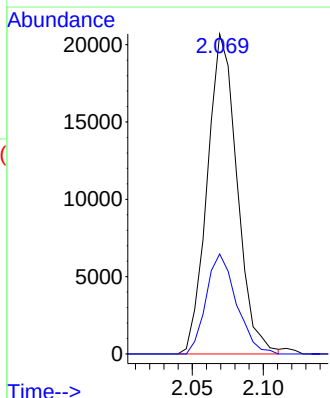
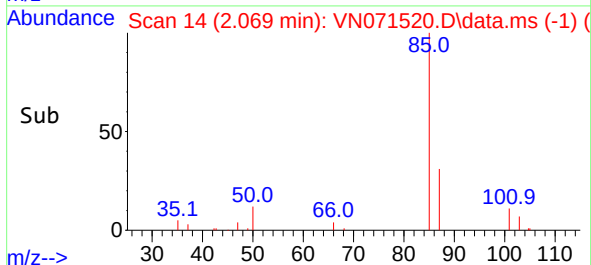
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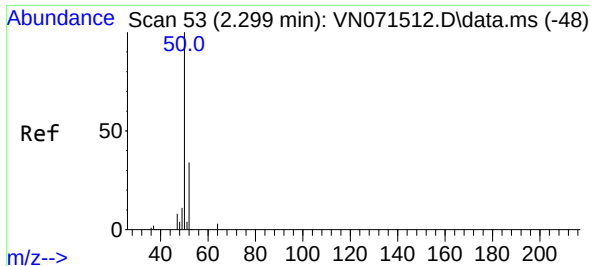


#2
Dichlorodifluoromethane
Concen: 4.483 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29



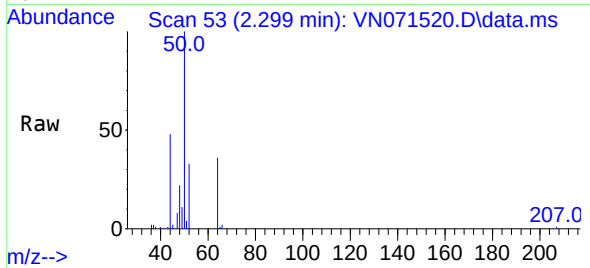
Tgt Ion: 85 Resp: 30239
Ion Ratio Lower Upper
85 100
87 31.2 16.6 49.7





#3
Chloromethane
Concen: 5.290 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29

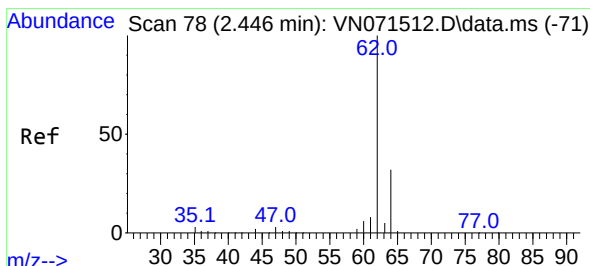
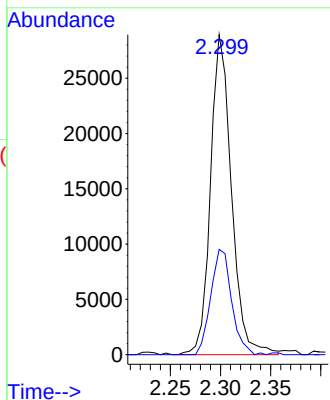
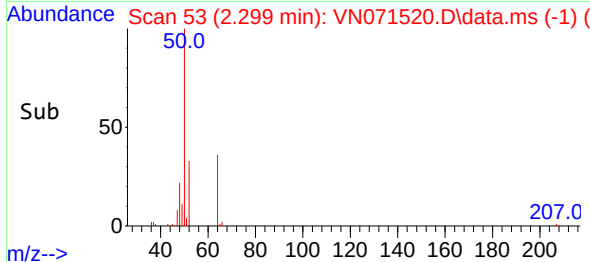
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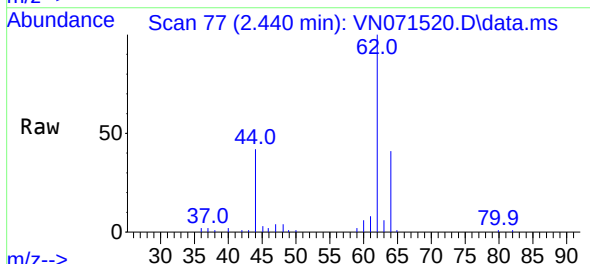
Tgt Ion: 50 Resp: 42064
Ion Ratio Lower Upper
50 100
52 32.9 27.8 41.6

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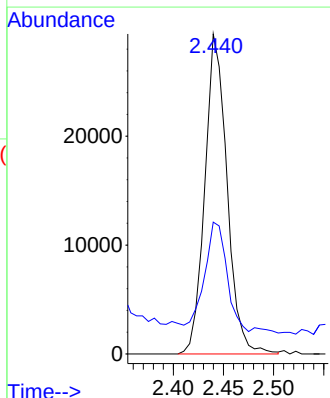
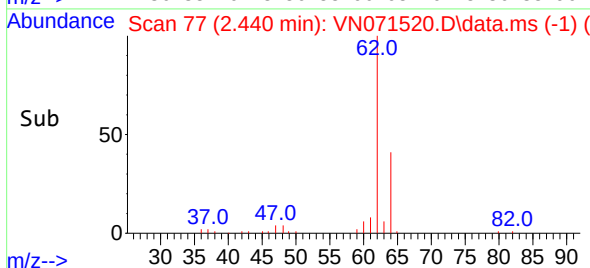
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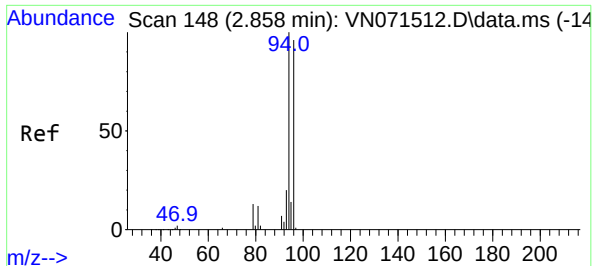


#4
Vinyl Chloride
Concen: 4.973 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.006 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29



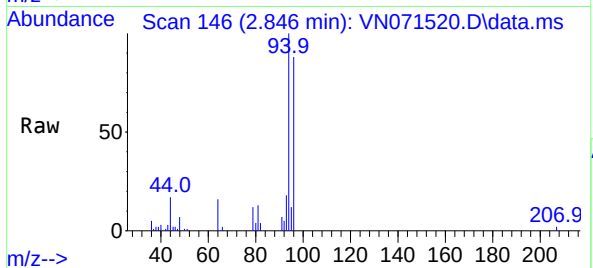
Tgt Ion: 62 Resp: 45341
Ion Ratio Lower Upper
62 100
64 34.7 25.1 37.7





#5
Bromomethane
Concen: 5.945 ug/l
RT: 2.846 min Scan# 148
Delta R.T. -0.012 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29

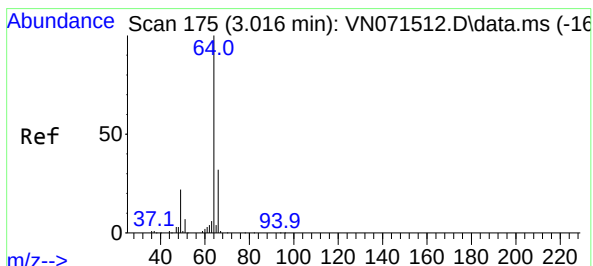
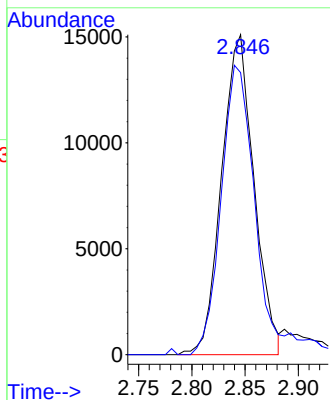
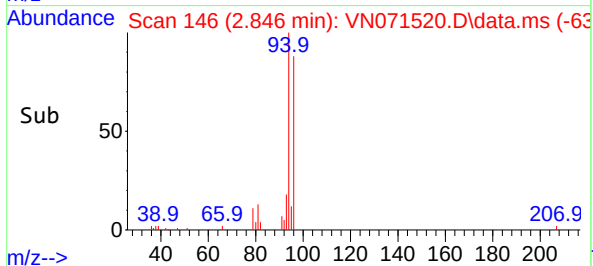
Instrument : MSVOA_N
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Tgt Ion: 94 Resp: 3194
Ion Ratio Lower Upper
94 100
96 88.1 75.2 112.8

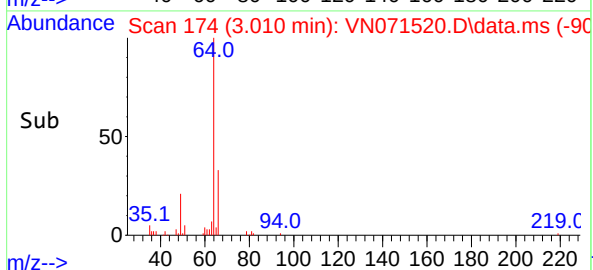
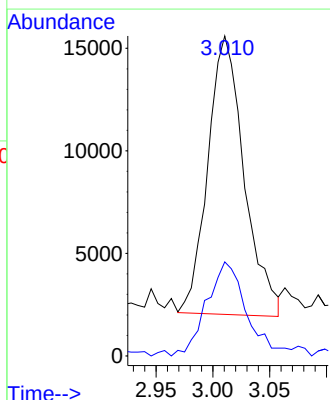
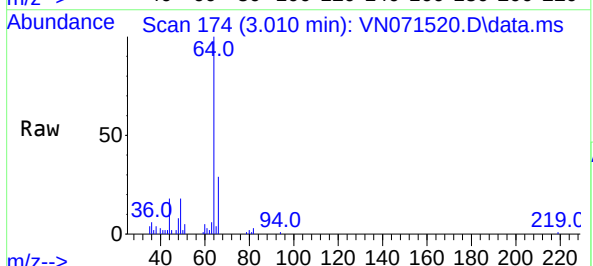
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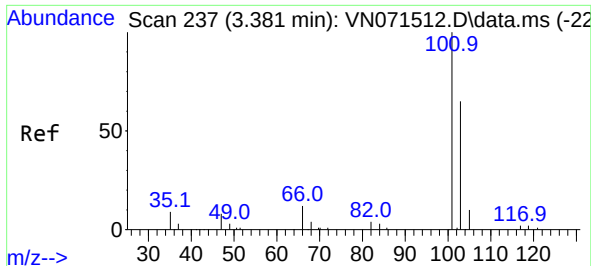
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#6
Chloroethane
Concen: 5.166 ug/l
RT: 3.010 min Scan# 174
Delta R.T. -0.006 min
Lab File: VN071520.D
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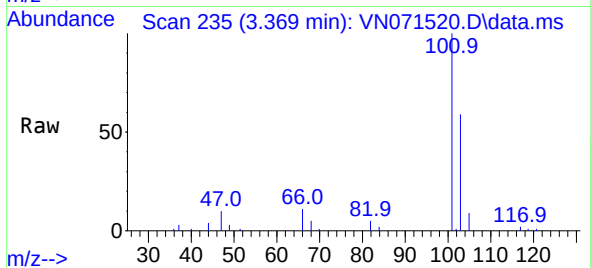
Tgt Ion: 64 Resp: 30166
Ion Ratio Lower Upper
64 100
66 32.0 24.6 36.8





#7
Trichlorofluoromethane
Concen: 5.017 ug/l
RT: 3.369 min Scan# 210
Delta R.T. -0.012 min
Lab File: VN071520.D
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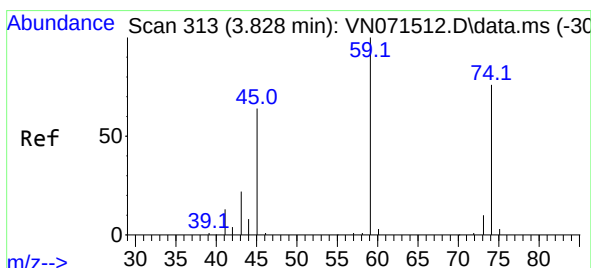
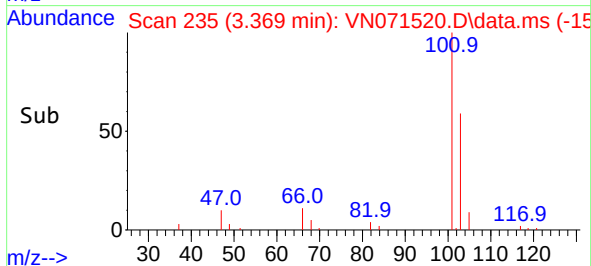
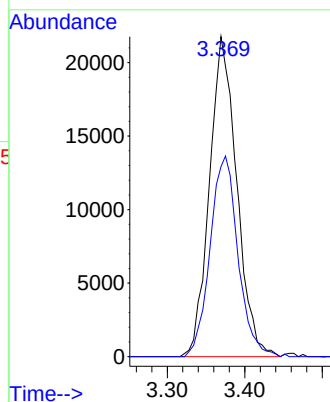
Instrument : MSVOA_N
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Tgt Ion:101 Resp: 53339
Ion Ratio Lower Upper
101 100
103 59.4 50.1 75.1

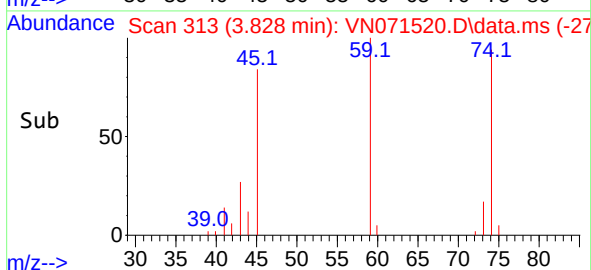
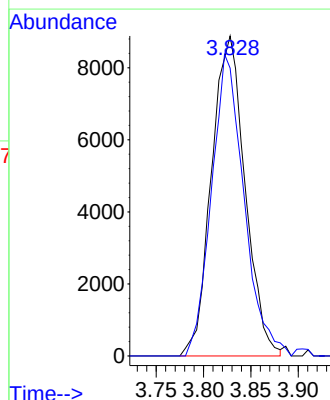
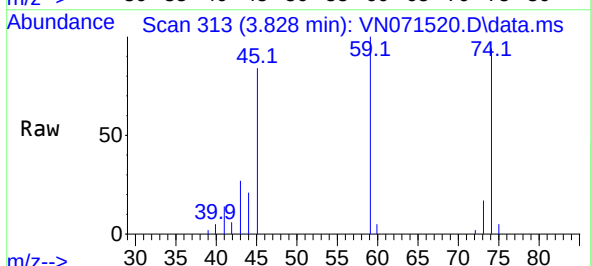
Manual Integrations
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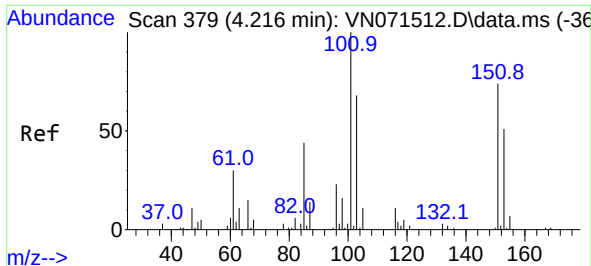
Reviewed By :John Carlone 03/25/2022
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#8
Diethyl Ether
Concen: 4.914 ug/l
RT: 3.828 min Scan# 313
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 21952
Ion Ratio Lower Upper
74 100
45 91.2 17.6 158.8





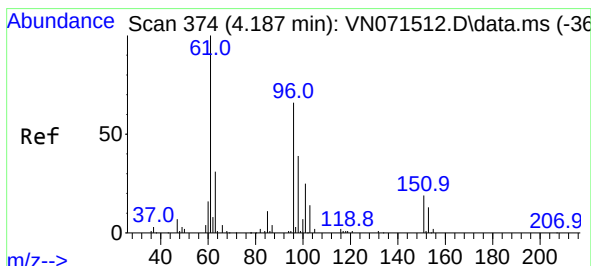
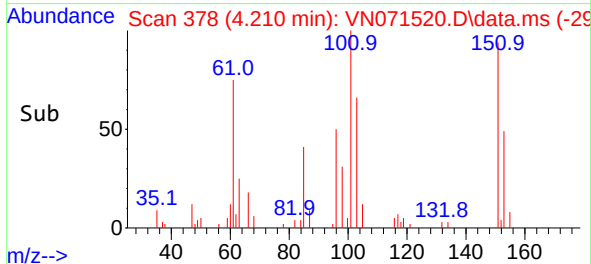
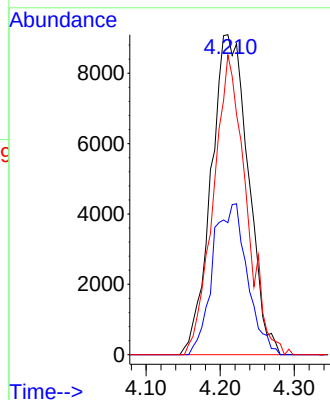
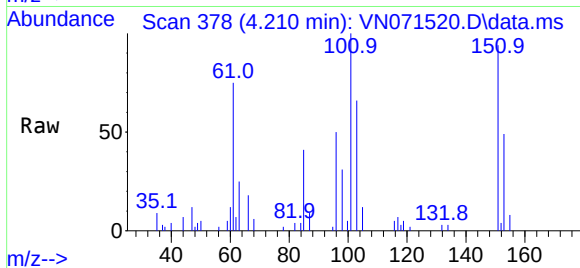
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1,1,2-Trichlorotrifluoroethane
Concen: 4.959 ug/l
RT: 4.210 min Scan# 31570
Delta R.T. -0.006 min
Lab File: VN071520.D
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ClientSampleId :
LOQ-WATER-02-QT1-2022

Tgt Ion:101 Resp: 31570
Ion Ratio Lower Upper
101 100
85 21.8 0.0 94.0
151 82.6 0.0 74.6

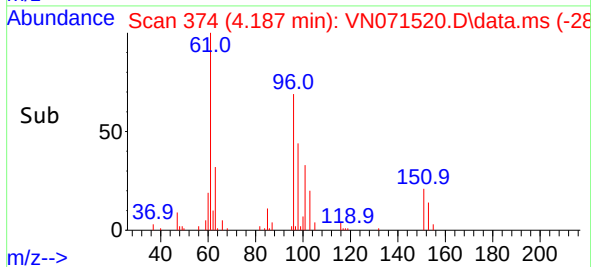
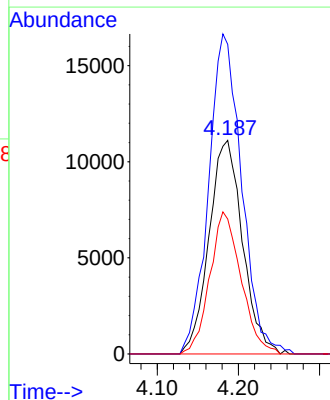
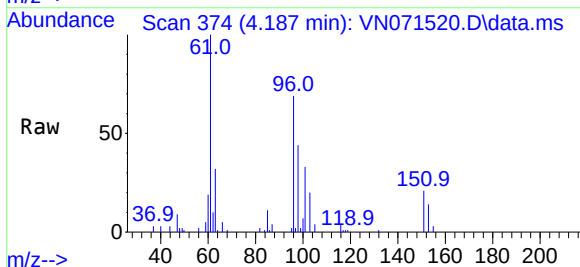
Manual Integrations
APPROVED

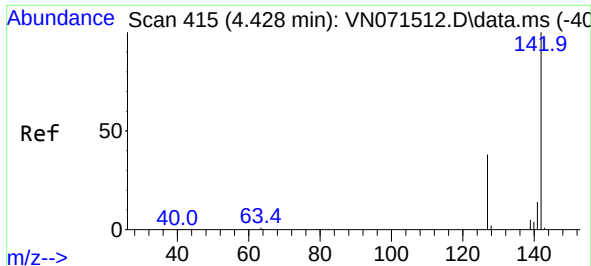
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#10
1,1-Dichloroethene
Concen: 5.076 ug/l
RT: 4.187 min Scan# 374
Delta R.T. -0.000 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29

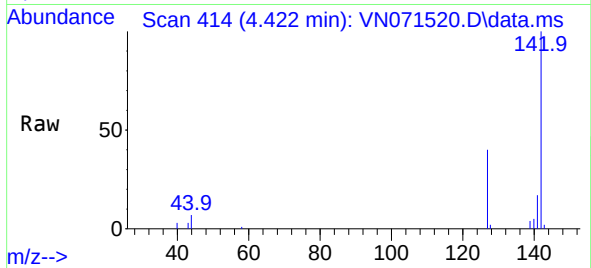
Tgt Ion: 96 Resp: 31874
Ion Ratio Lower Upper
96 100
61 145.0 126.2 189.4
98 63.1 50.9 76.3





#11
Methyl Iodide
Concen: 4.569 ug/l
RT: 4.422 min Scan# 415
Delta R.T. -0.006 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29

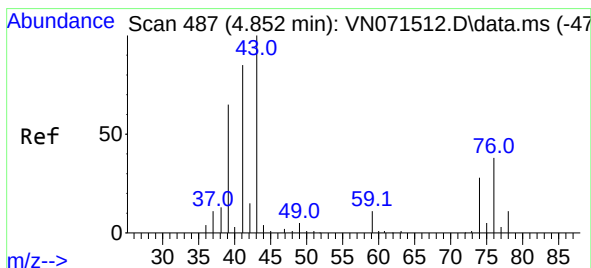
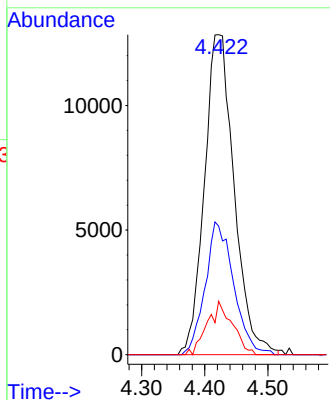
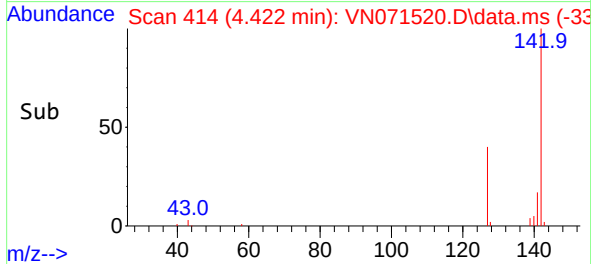
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2022



Tgt Ion:142 Resp: 42040
Ion Ratio Lower Upper
142 100
127 42.6 24.0 72.0
141 16.8 8.4 25.2

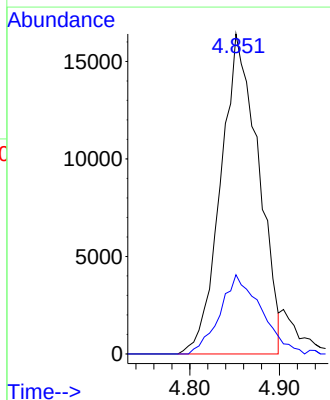
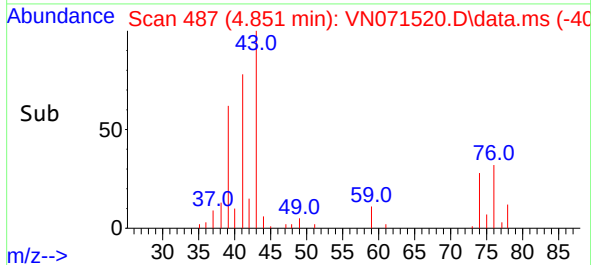
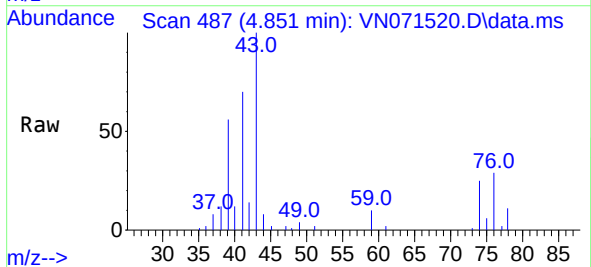
Manual Integrations
APPROVED

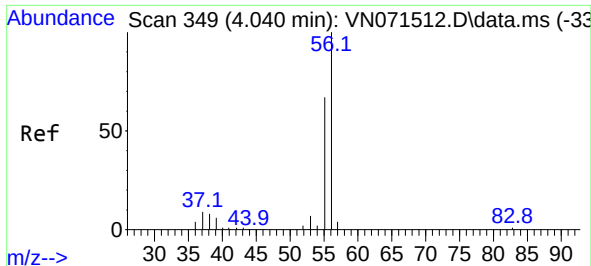
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#12
Methyl Acetate
Concen: 5.415 ug/l
RT: 4.851 min Scan# 487
Delta R.T. -0.000 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29

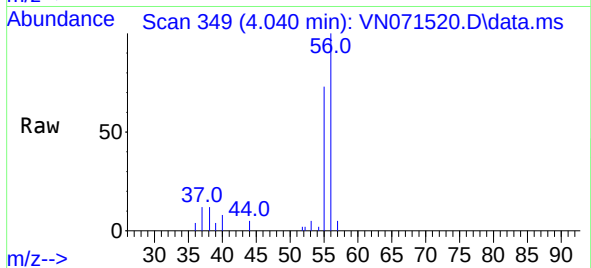
Tgt Ion: 43 Resp: 47917
Ion Ratio Lower Upper
43 100
74 23.4 20.8 31.2





#13
Acrolein
Concen: 31.715 ug/l
RT: 4.040 min Scan# 349
Delta R.T. -0.000 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29

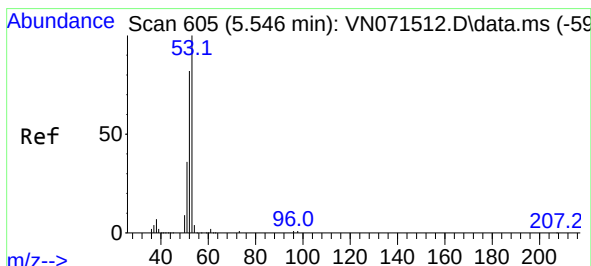
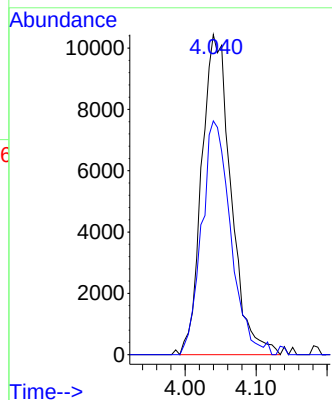
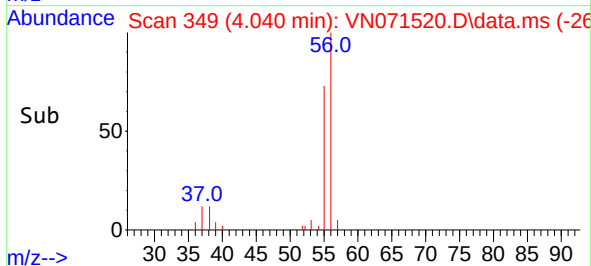
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2022



Tgt Ion: 56 Resp: 2985
Ion Ratio Lower Upper
56 100
55 72.0 57.6 86.4

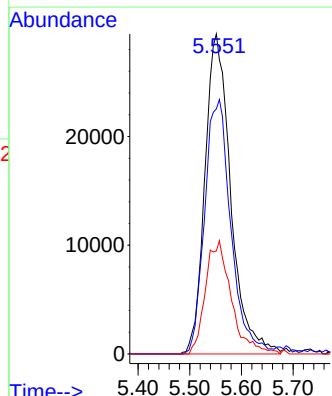
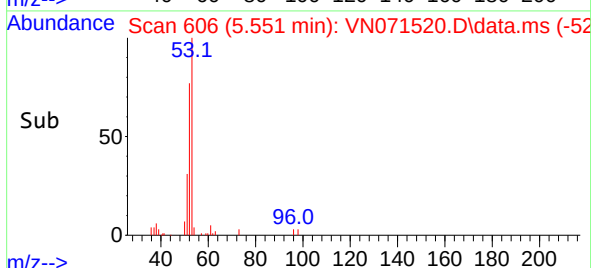
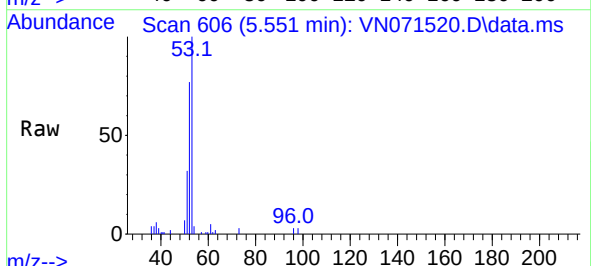
Manual Integrations
APPROVED

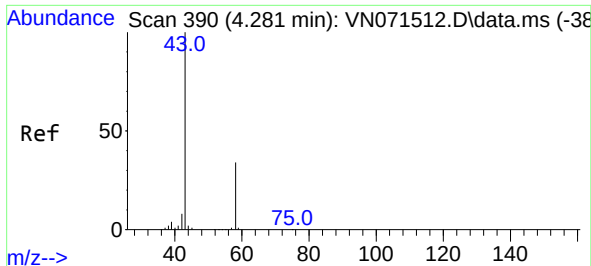
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#14
Acrylonitrile
Concen: 25.520 ug/l
RT: 5.551 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29

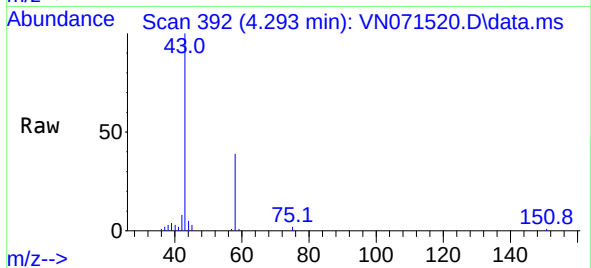
Tgt Ion: 53 Resp: 102278
Ion Ratio Lower Upper
53 100
52 80.3 41.8 125.4
51 13.1 19.0 57.0#





#15
Acetone
Concen: 23.986 ug/l m
RT: 4.293 min Scan# 392
Delta R.T. 0.012 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29

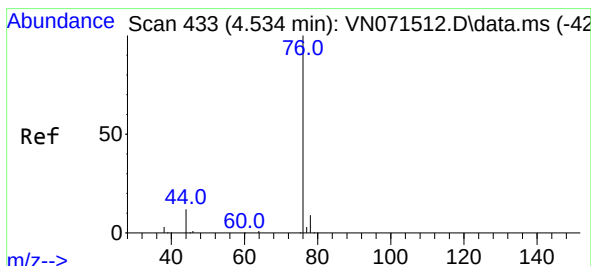
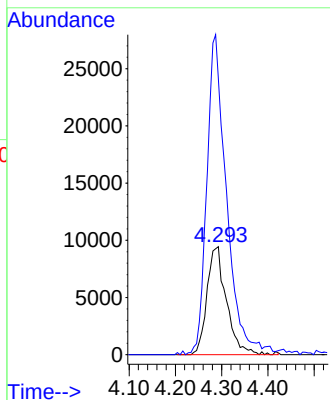
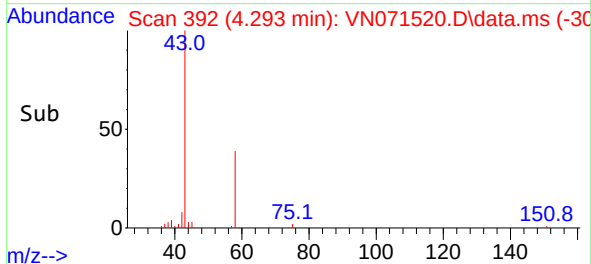
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2022



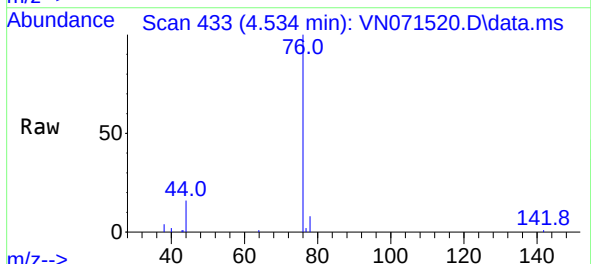
Tgt Ion: 58 Resp: 27664
Ion Ratio Lower Upper
58 100
43 255.4 256.6 384.8

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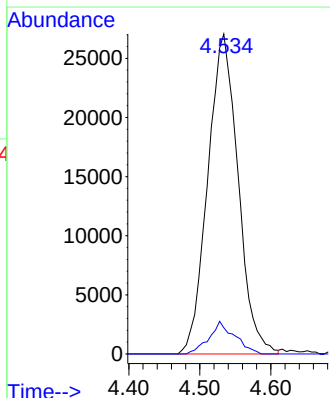
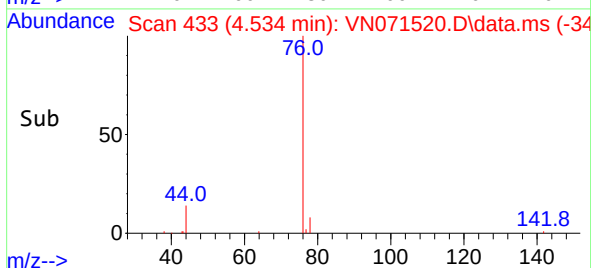
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

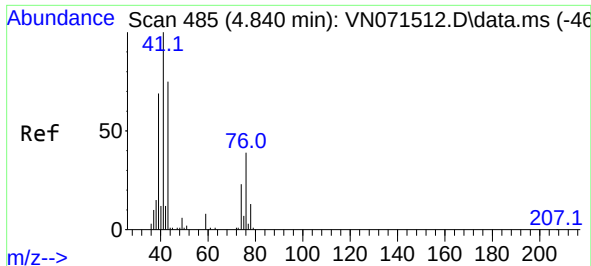


#16
Carbon Disulfide
Concen: 4.909 ug/l
RT: 4.534 min Scan# 433
Delta R.T. -0.000 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29



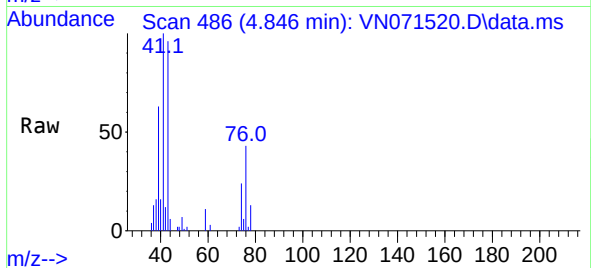
Tgt Ion: 76 Resp: 80251
Ion Ratio Lower Upper
76 100
78 8.2 7.8 11.8





#17
 Allyl chloride
 Concen: 4.736 ug/l
 RT: 4.846 min Scan# 485
 Delta R.T. 0.006 min
 Lab File: VN071520.D
 Acq: 24 Mar 2022 14:29

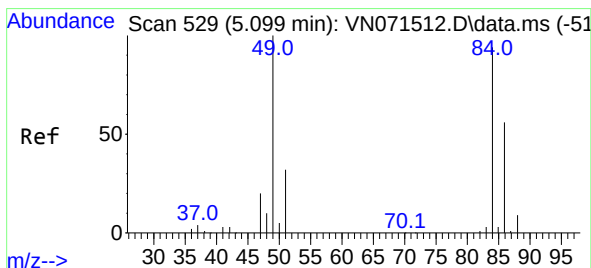
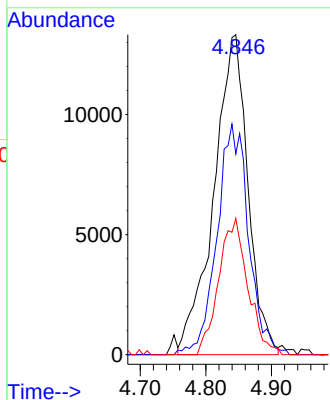
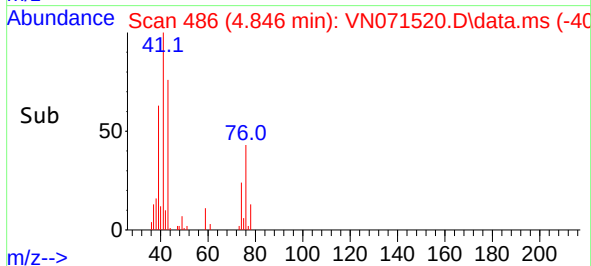
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT1-2022



Tgt Ion: 41 Resp: 48230
 Ion Ratio Lower Upper
 41 100
 39 62.6 44.6 134.0
 76 43.5 19.6 58.7

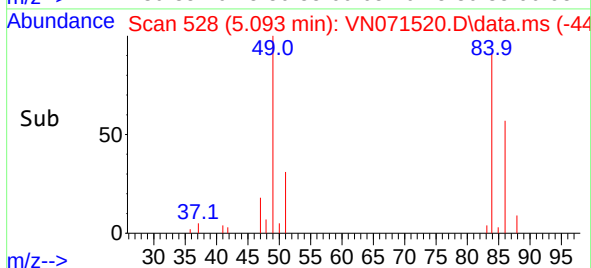
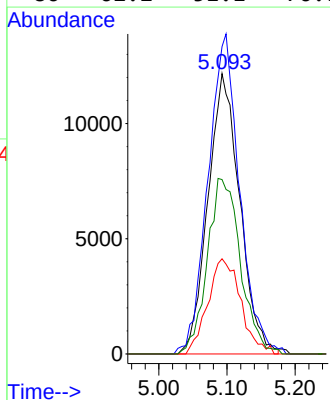
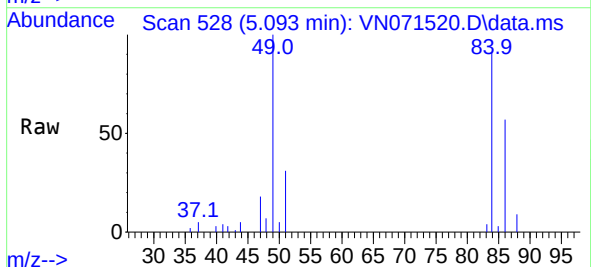
Manual Integrations
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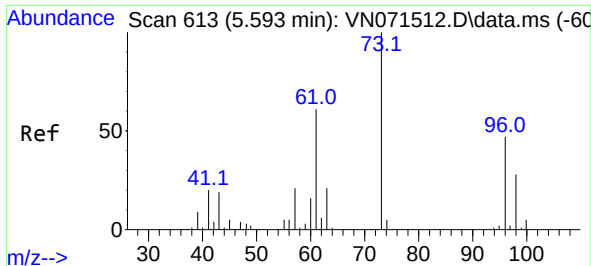
Reviewed By :John Carlone 03/25/2022
 Supervised By :Mahesh Dadoda 03/25/2022



#18
 Methylene Chloride
 Concen: 5.232 ug/l
 RT: 5.093 min Scan# 528
 Delta R.T. -0.006 min
 Lab File: VN071520.D
 Acq: 24 Mar 2022 14:29

Tgt Ion: 84 Resp: 39411
 Ion Ratio Lower Upper
 84 100
 49 107.9 91.4 137.0
 51 33.9 29.4 44.0
 86 62.2 51.1 76.7





#19

trans-1,2-Dichloroethene

Concen: 4.965 ug/l

RT: 5.593 min Scan# 613

Delta R.T. -0.000 min

Lab File: VN071520.D

Acq: 24 Mar 2022 14:29

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2022

Tgt Ion: 96 Resp: 3334

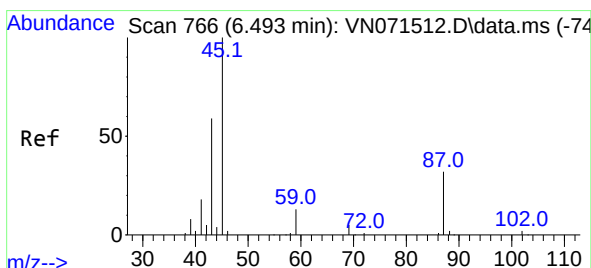
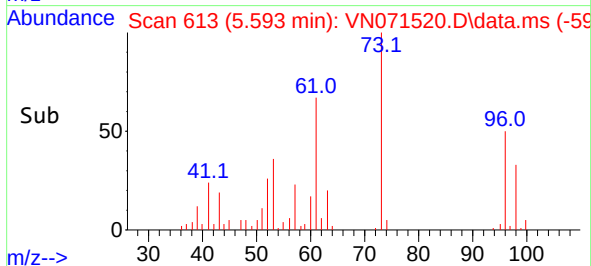
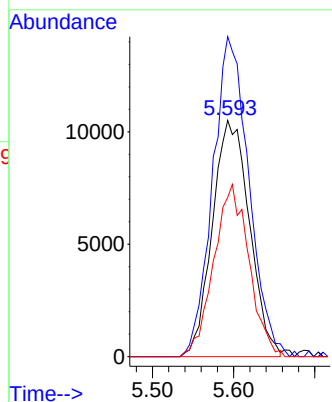
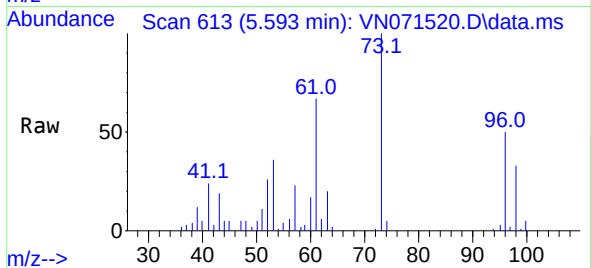
Ion	Ratio	Lower	Upper
96	100		
61	135.4	102.8	154.2
98	67.4	49.3	73.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2022

Supervised By :Mahesh Dadoda 03/25/2022



#20

Diisopropyl ether

Concen: 4.919 ug/l

RT: 6.492 min Scan# 766

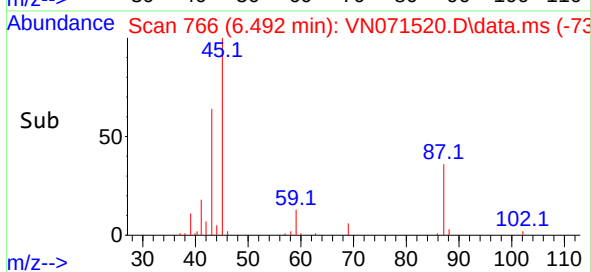
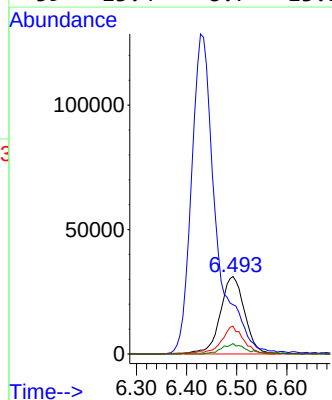
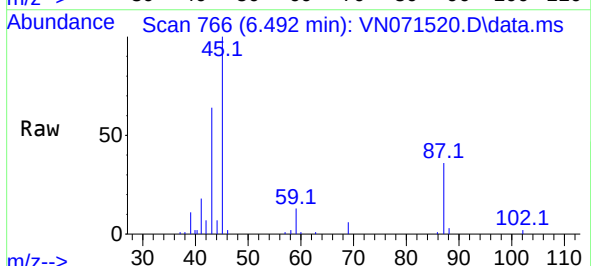
Delta R.T. -0.000 min

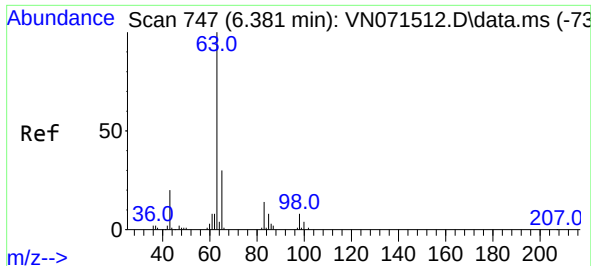
Lab File: VN071520.D

Acq: 24 Mar 2022 14:29

Tgt Ion: 45 Resp: 104827

Ion	Ratio	Lower	Upper
45	100		
43	60.5	51.0	76.4
87	36.0	25.0	37.4
59	13.4	8.7	13.1





#21

1,1-Dichloroethane

Concen: 5.028 ug/l

RT: 6.387 min Scan# 74

Delta R.T. 0.006 min

Lab File: VN071520.D

Acq: 24 Mar 2022 14:29

Instrument :

MSVOA_N

ClientSampleId :

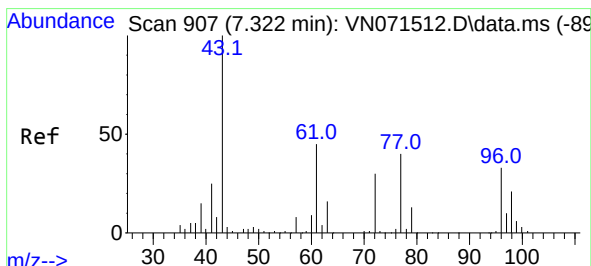
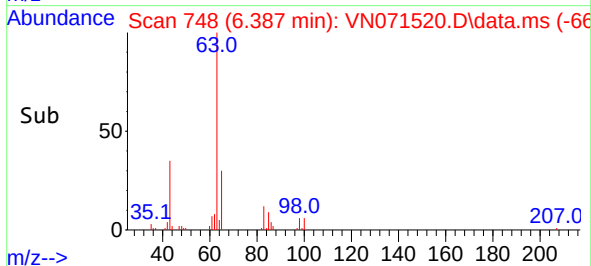
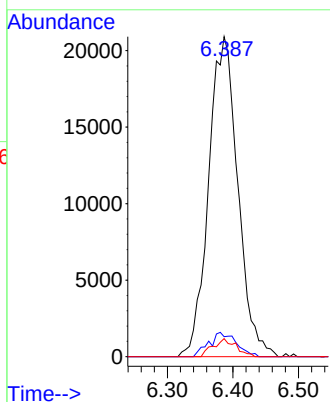
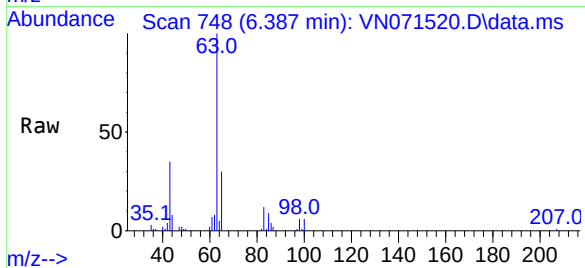
LOQ-WATER-02-QT1-2022

Tgt Ion:	63	Resp:	6468
Ion	Ratio	Lower	Upper
63	100		
98	6.3	3.2	9.6
100	5.7	2.1	6.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/25/2022

Supervised By :Mahesh Dadoda 03/25/2022



#22

cis-1,2-Dichloroethene

Concen: 5.026 ug/l

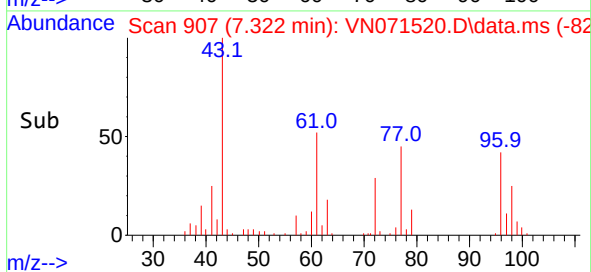
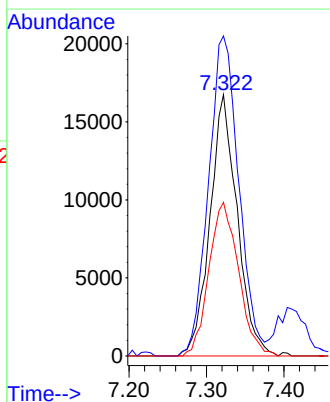
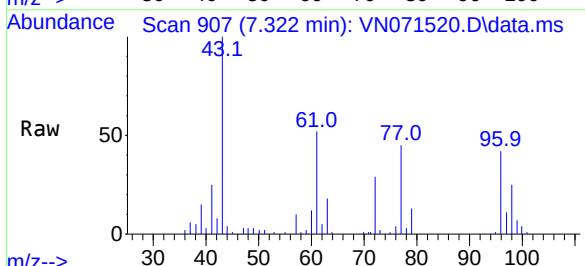
RT: 7.322 min Scan# 907

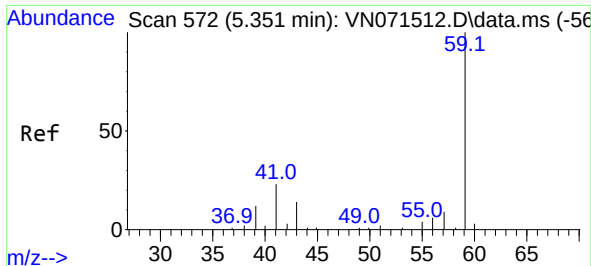
Delta R.T. -0.000 min

Lab File: VN071520.D

Acq: 24 Mar 2022 14:29

Tgt Ion:	96	Resp:	41010
Ion	Ratio	Lower	Upper
96	100		
61	135.6	115.7	173.5
98	63.9	51.6	77.4





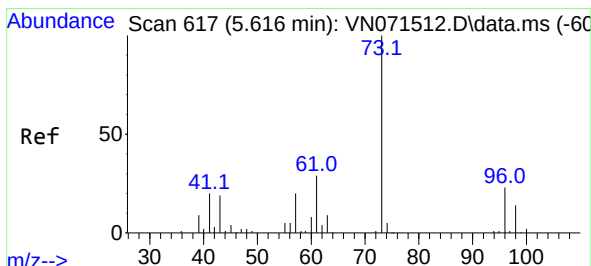
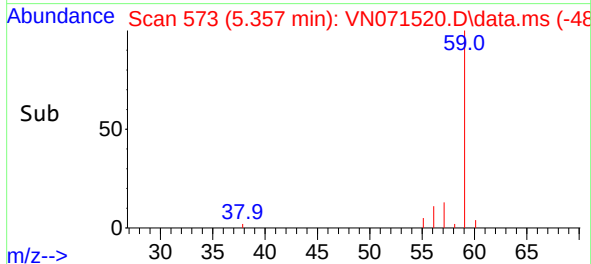
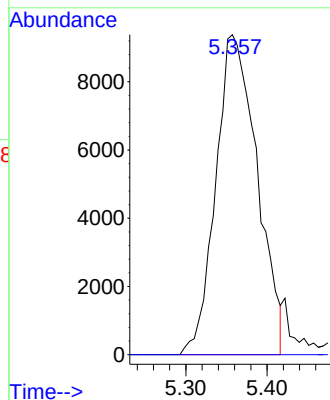
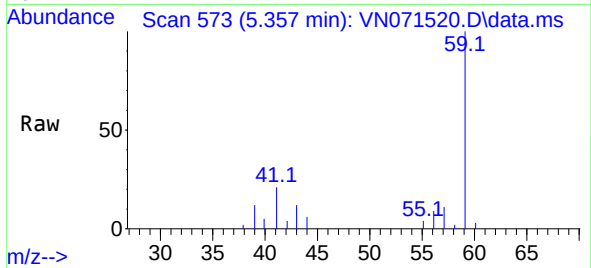
#23
tert-Butyl Alcohol
Concen: 23.239 ug/l
RT: 5.357 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2022

Tgt Ion: 59 Resp: 33234
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

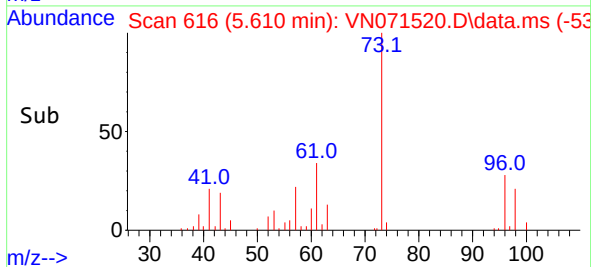
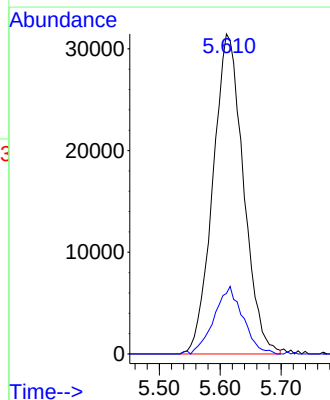
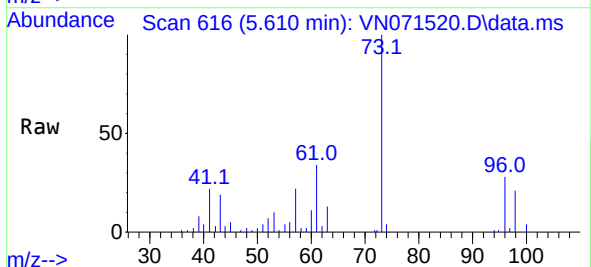
Manual Integrations
APPROVED

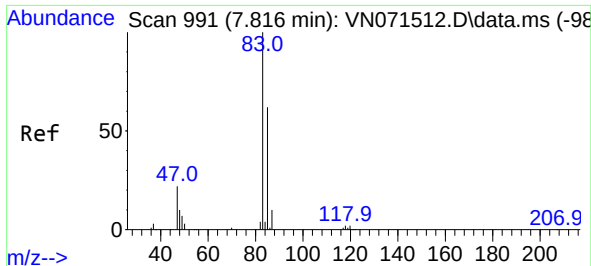
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#24
Methyl tert-Butyl Ether
Concen: 4.832 ug/l
RT: 5.610 min Scan# 616
Delta R.T. -0.006 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29

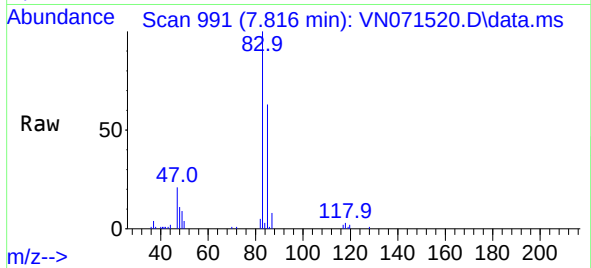
Tgt Ion: 73 Resp: 109496
Ion Ratio Lower Upper
73 100
43 19.9 18.1 27.1





#25
Chloroform
Concen: 5.082 ug/l
RT: 7.816 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29

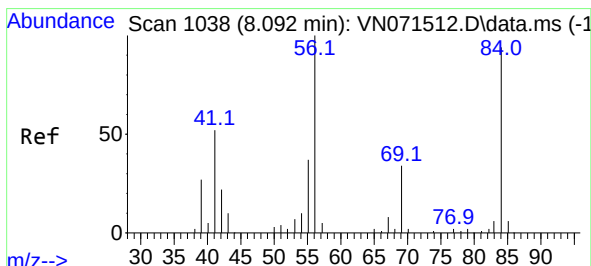
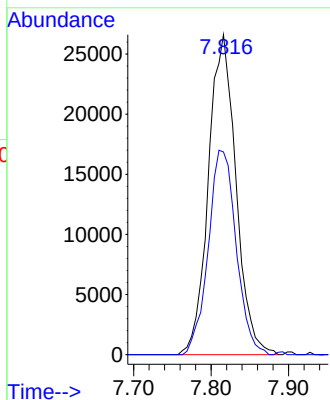
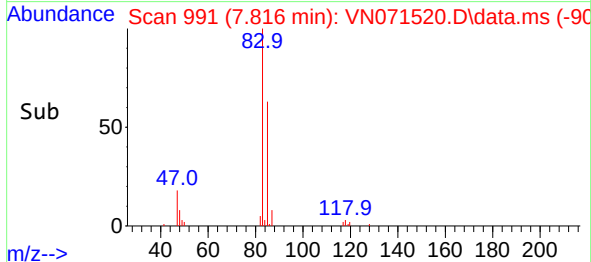
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2022



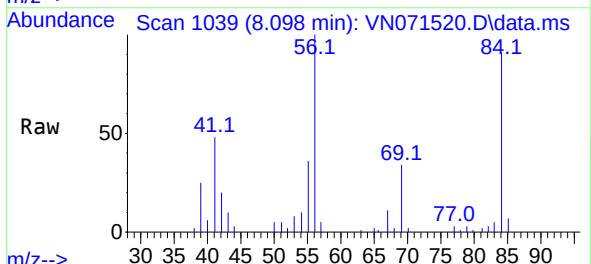
Tgt Ion: 83 Resp: 6576
Ion Ratio Lower Upper
83 100
85 63.3 51.3 76.9

Manual Integrations
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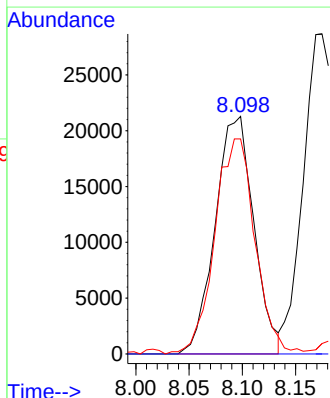
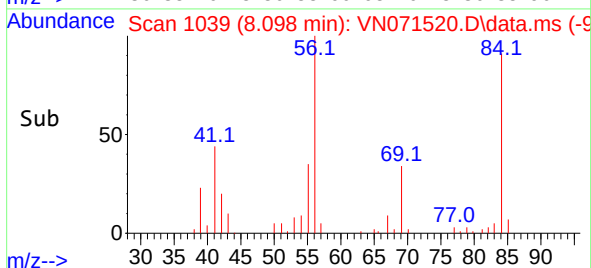
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

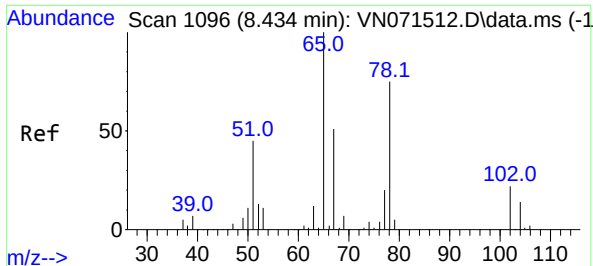


#26
Cyclohexane
Concen: 4.831 ug/l
RT: 8.098 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29



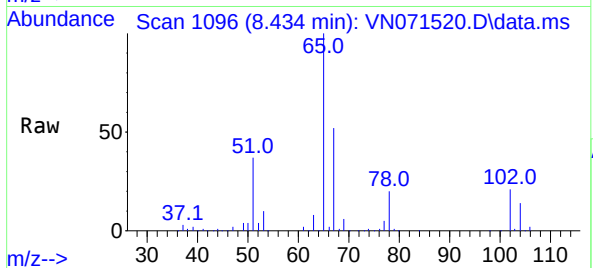
Tgt Ion: 56 Resp: 53724
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 93.8 74.6 111.8





#27
1,2-Dichloroethane-d4
Concen: 30.285 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29

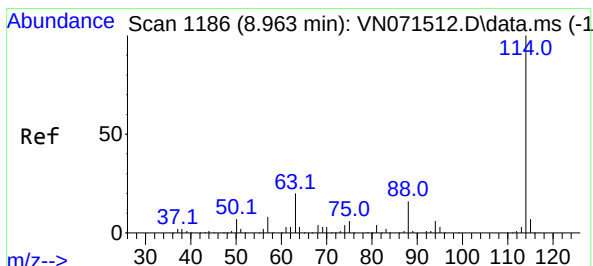
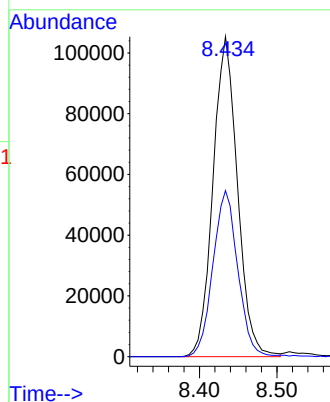
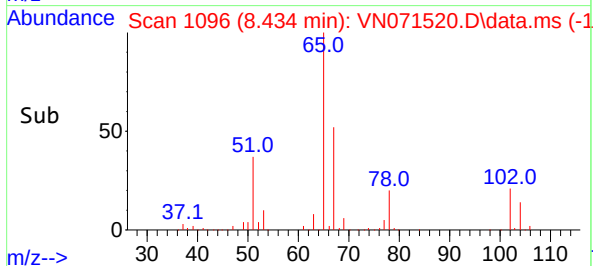
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2022



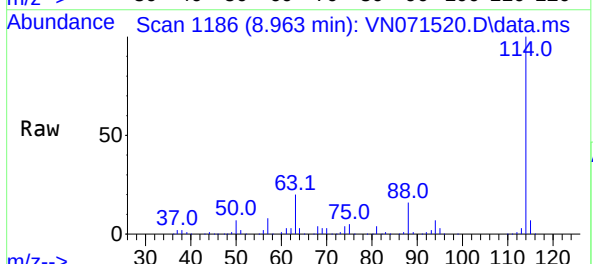
Tgt Ion: 65 Resp: 231250
Ion Ratio Lower Upper
65 100
67 52.5 40.2 60.2

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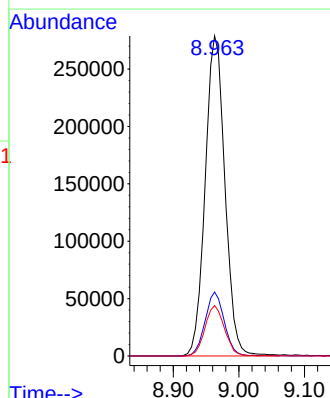
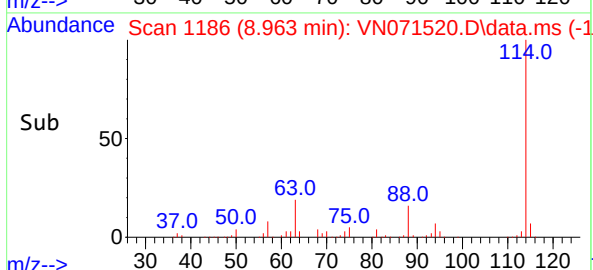
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

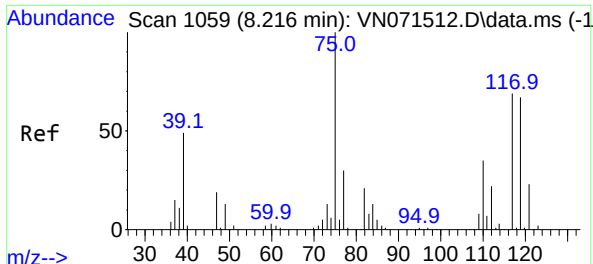


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29



Tgt Ion:114 Resp: 584602
Ion Ratio Lower Upper
114 100
63 19.3 15.8 23.6
88 15.6 11.6 17.4





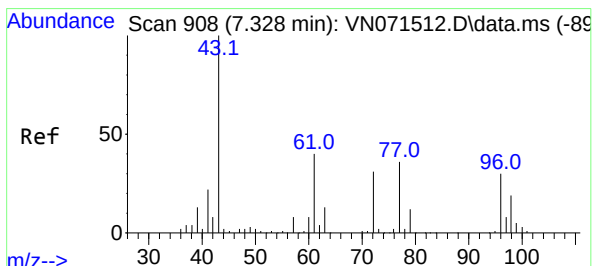
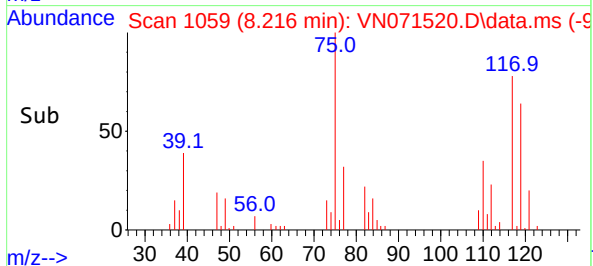
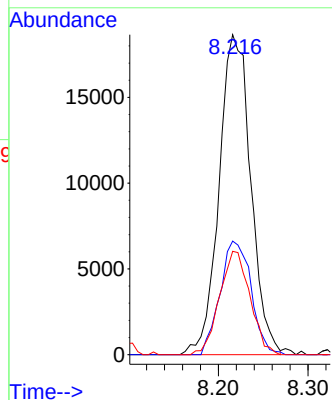
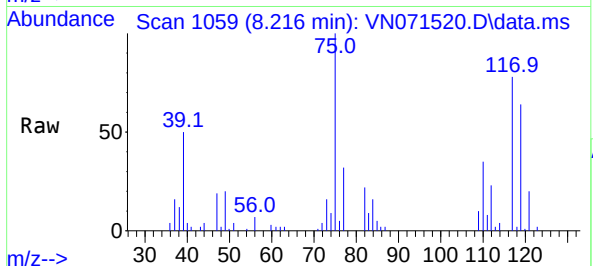
#29
1,1-Dichloropropene
Concen: 4.827 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29

Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT1-2022

Tgt Ion: 75 Resp: 45678
Ion Ratio Lower Upper
75 100
110 34.8 0.0 74.2
77 31.1 0.0 63.2

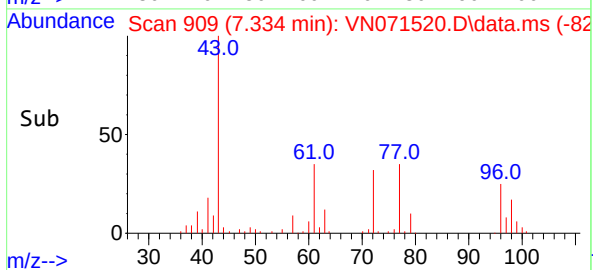
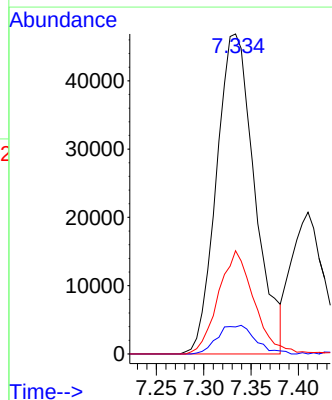
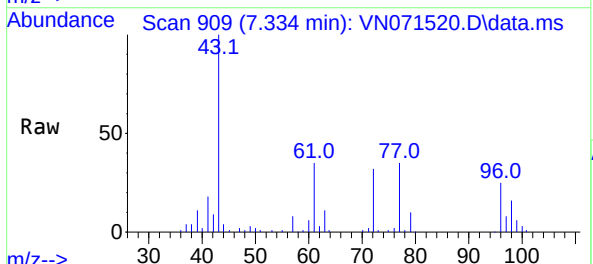
Manual Integrations
APPROVED

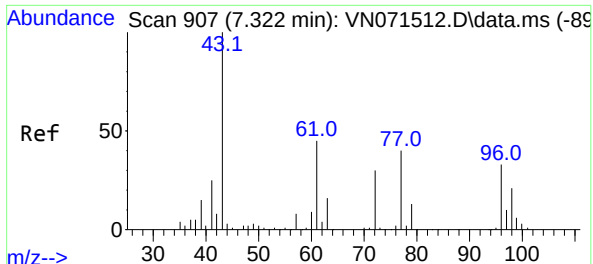
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#30
2-Butanone
Concen: 24.948 ug/l
RT: 7.334 min Scan# 909
Delta R.T. 0.006 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29

Tgt Ion: 43 Resp: 131403
Ion Ratio Lower Upper
43 100
57 4.8 6.7 10.1#
72 30.0 23.2 34.8





#31

2,2-Dichloropropane

Concen: 4.929 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.000 min

Lab File: VN071520.D

Acq: 24 Mar 2022 14:29

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2022

Tgt Ion: 77 Resp: 5312

Ion Ratio Lower Upper

77 100

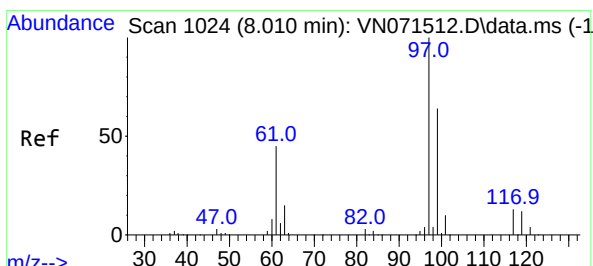
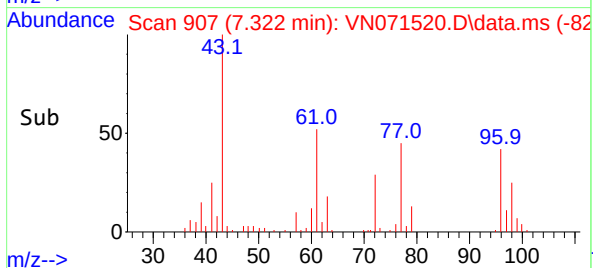
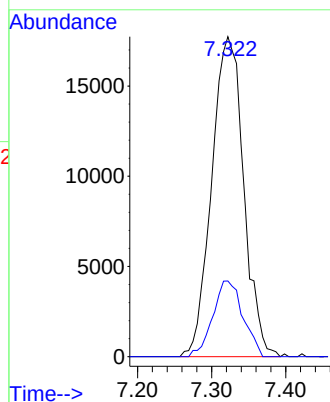
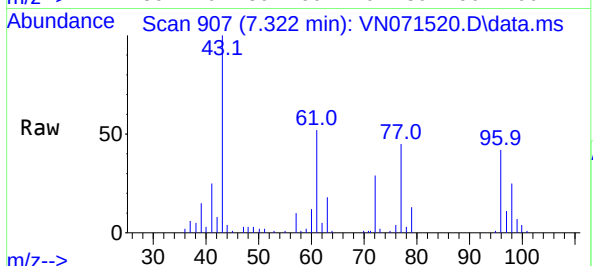
97 22.3 18.3 27.5

Manual Integrations

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Reviewed By :John Carlone 03/25/2022

Supervised By :Mahesh Dadoda 03/25/2022



#32

1,1,1-Trichloroethane

Concen: 5.065 ug/l

RT: 8.010 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VN071520.D

Acq: 24 Mar 2022 14:29

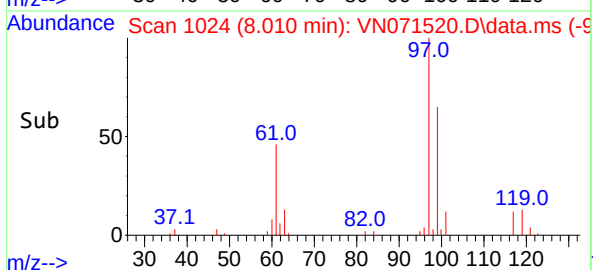
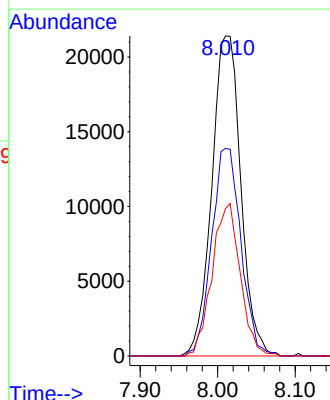
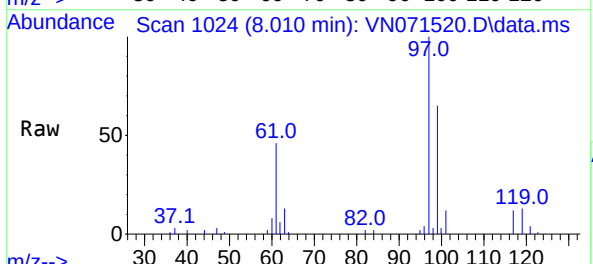
Tgt Ion: 97 Resp: 55822

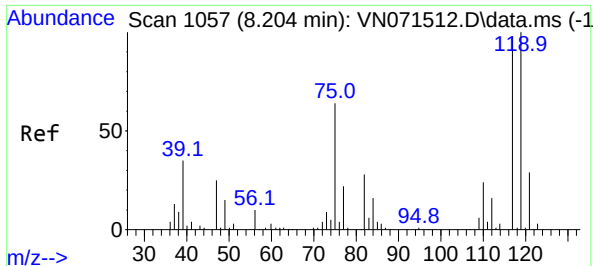
Ion Ratio Lower Upper

97 100

99 65.4 50.4 75.6

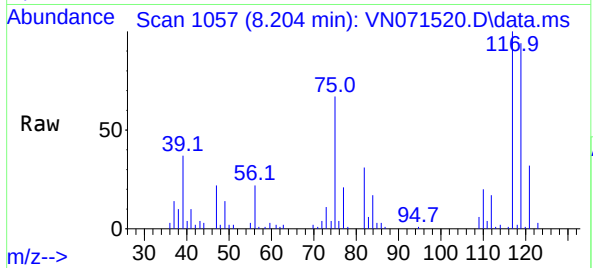
61 46.1 34.6 51.8





#33
Carbon Tetrachloride
Concen: 5.001 ug/l
RT: 8.204 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29

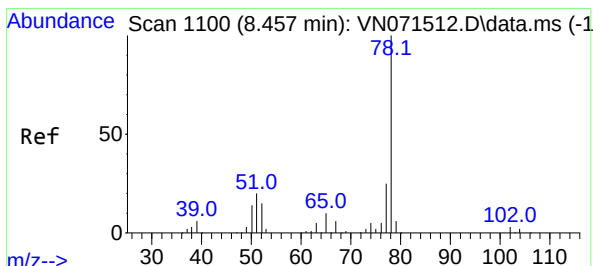
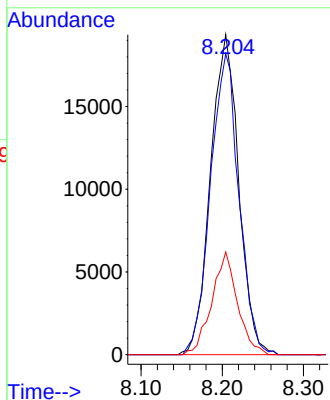
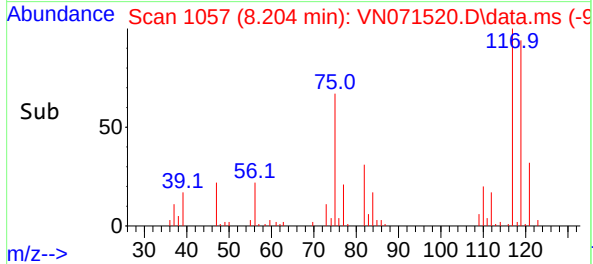
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2022



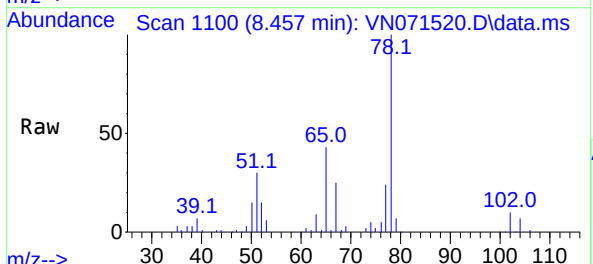
Tgt Ion:117 Resp: 4665
Ion Ratio Lower Upper
117 100
119 94.0 77.5 116.3
121 32.1 23.5 35.3

Manual Integrations
APPROVED

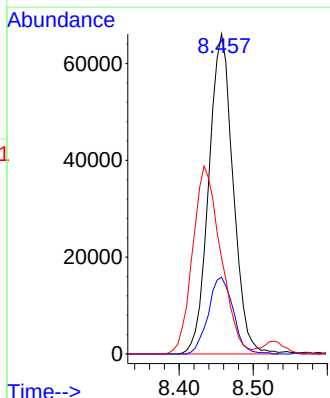
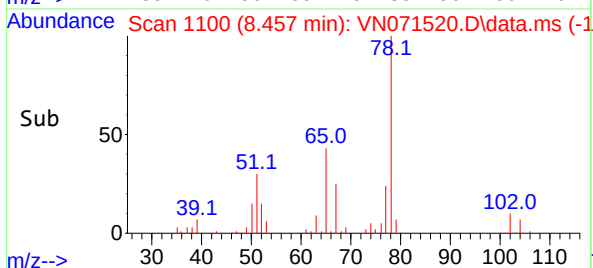
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

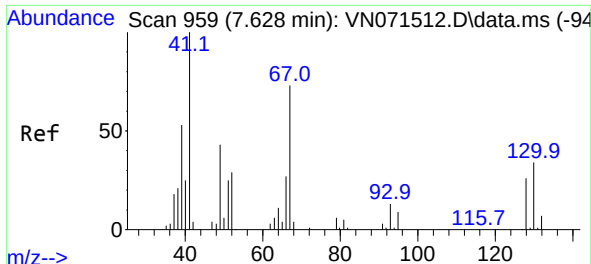


#34
Benzene
Concen: 5.126 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29



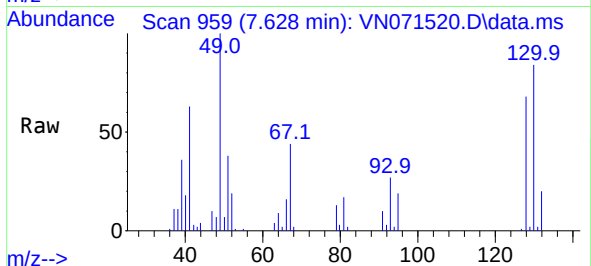
Tgt Ion: 78 Resp: 150686
Ion Ratio Lower Upper
78 100
77 24.0 19.1 28.7
51 26.8 16.0 24.0#





#35
Methacrylonitrile
Concen: 5.223 ug/l
RT: 7.628 min Scan# 959
Delta R.T. -0.000 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29

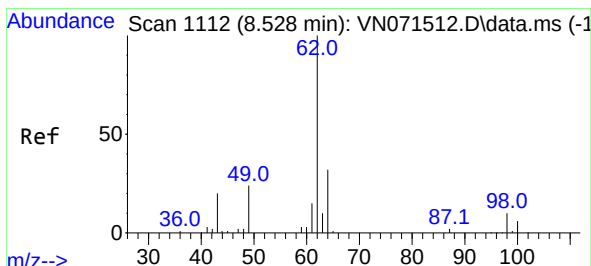
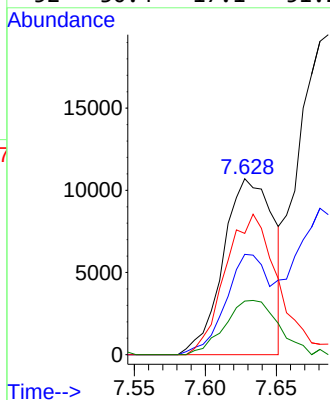
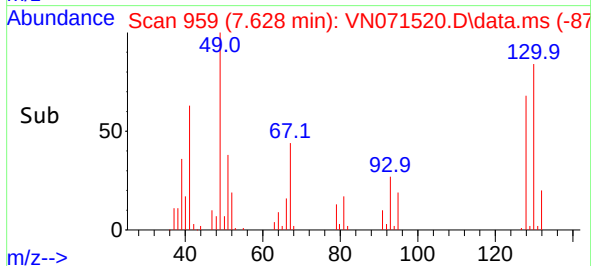
Instrument : MSVOA_N
Client Sample Id : LOQ-WATER-02-QT1-2022



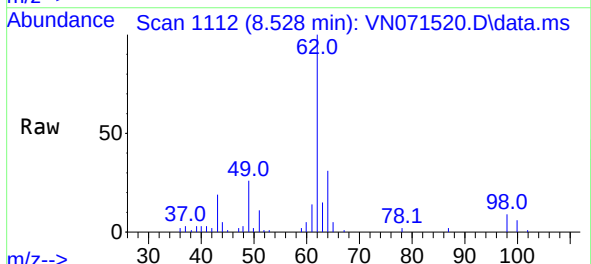
Tgt Ion: 41 Resp: 2639
Ion Ratio Lower Upper
41 100
39 57.0 28.0 83.9
67 68.9 37.7 113.1
52 30.4 17.1 51.2

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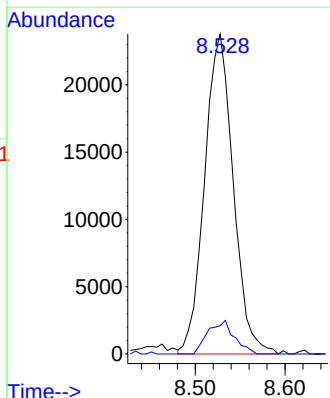
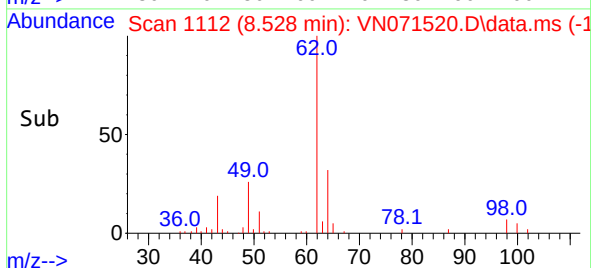
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

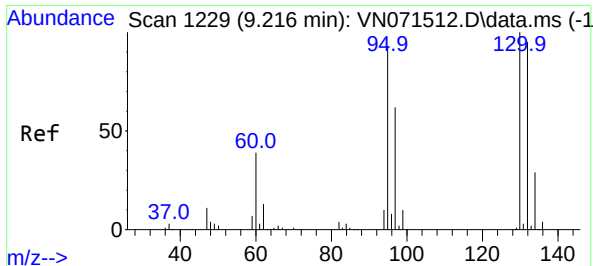


#36
1,2-Dichloroethane
Concen: 5.141 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29



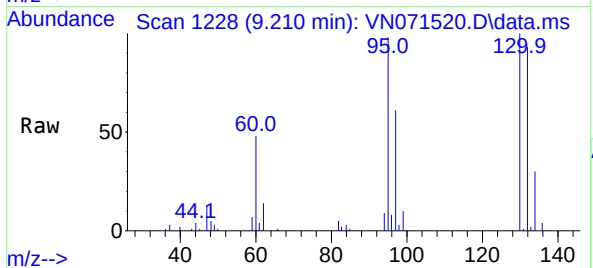
Tgt Ion: 62 Resp: 52731
Ion Ratio Lower Upper
62 100
98 9.6 6.6 10.0





#37
Trichloroethene
Concen: 5.065 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29

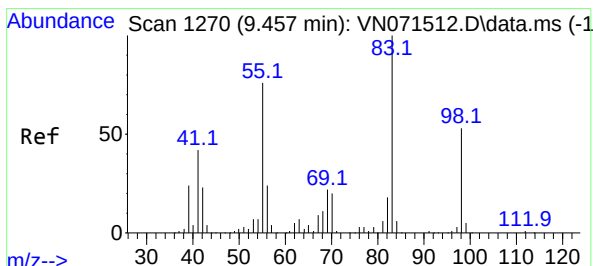
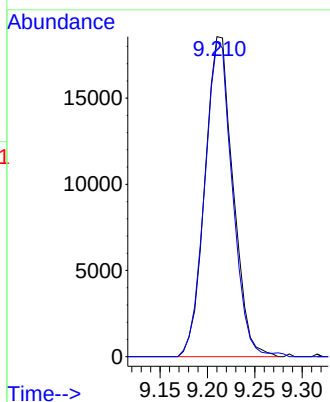
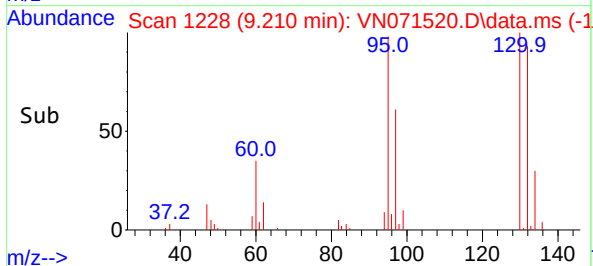
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2022



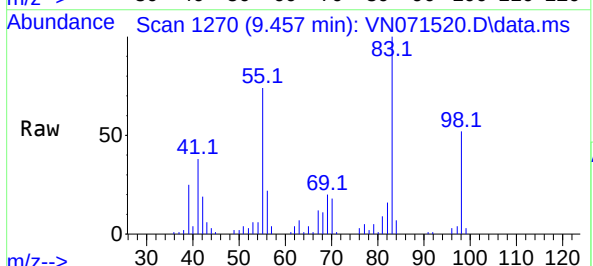
Tgt Ion:130 Resp: 38424
Ion Ratio Lower Upper
130 100
95 98.5 76.6 115.0

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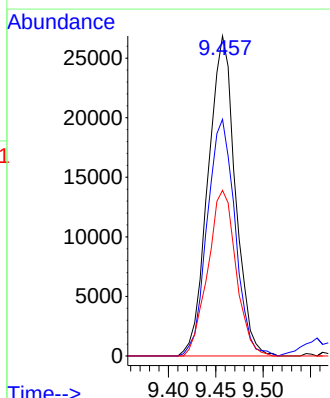
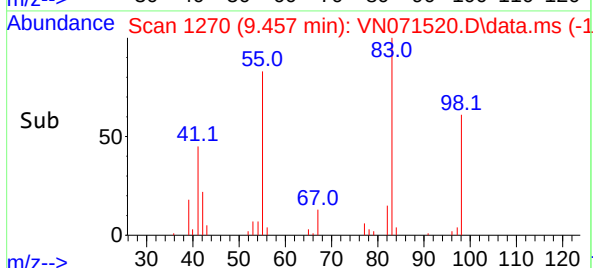
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

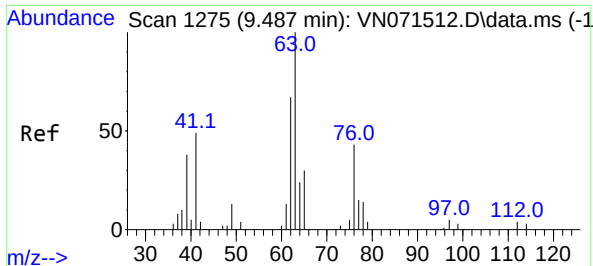


#38
Methylcyclohexane
Concen: 4.510 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29



Tgt Ion: 83 Resp: 53790
Ion Ratio Lower Upper
83 100
55 74.9 35.1 105.3
98 53.3 23.4 70.2





#39

1,2-Dichloropropane

Concen: 4.983 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. -0.000 min

Lab File: VN071520.D

Acq: 24 Mar 2022 14:29

Instrument :

MSVOA_N

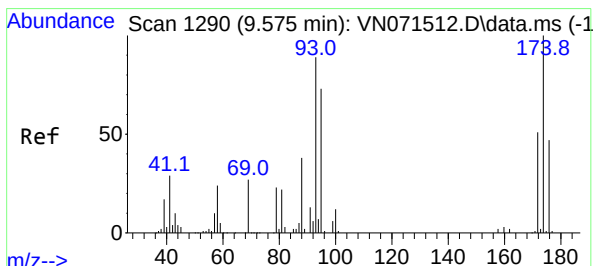
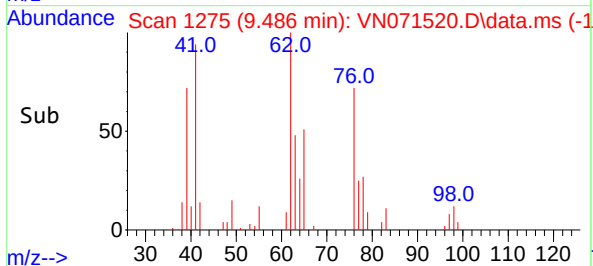
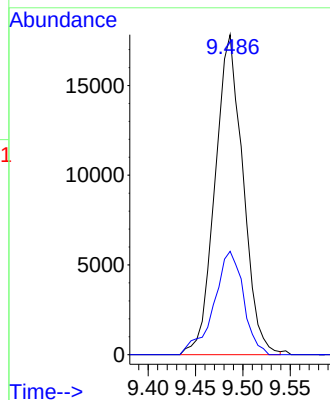
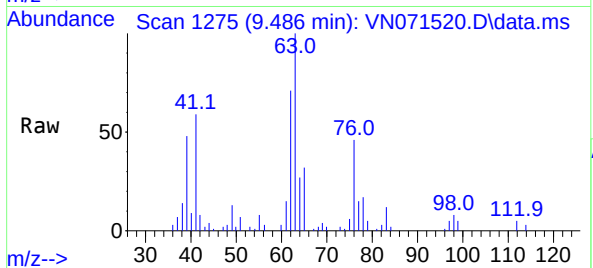
ClientSampleId :

LOQ-WATER-02-QT1-2022

Tgt Ion: 63 Resp: 3665
 Ion Ratio Lower Upper
 63 100
 65 32.3 24.2 36.4

Manual Integrations
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Reviewed By :John Carlone 03/25/2022
 Supervised By :Mahesh Dadoda 03/25/2022



#40

Dibromomethane

Concen: 5.139 ug/l

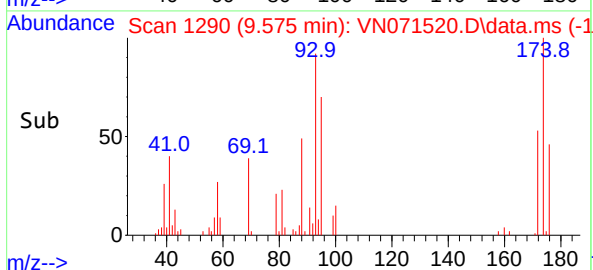
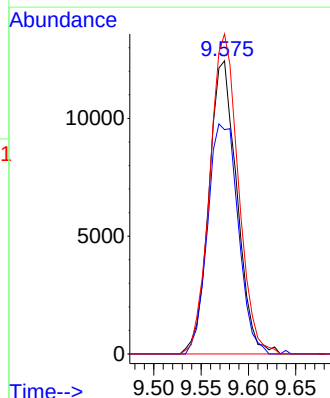
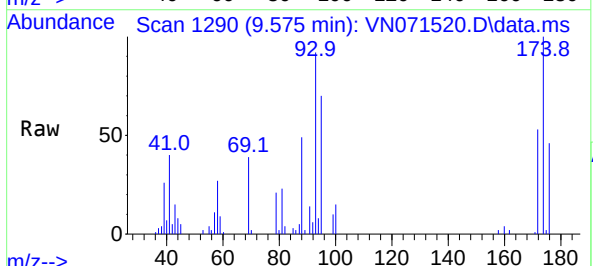
RT: 9.575 min Scan# 1290

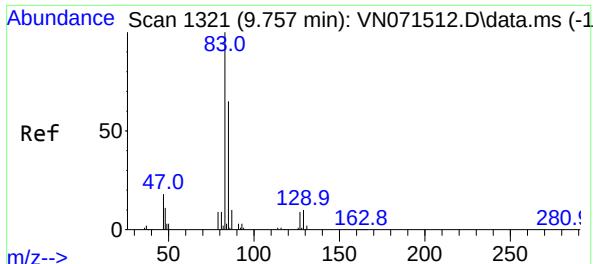
Delta R.T. -0.000 min

Lab File: VN071520.D

Acq: 24 Mar 2022 14:29

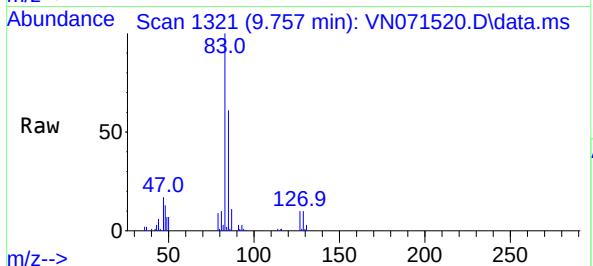
Tgt Ion: 93 Resp: 25584
 Ion Ratio Lower Upper
 93 100
 95 85.7 0.0 168.8
 174 111.4 0.0 173.6





#41
Bromodichloromethane
Concen: 4.896 ug/l
RT: 9.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29

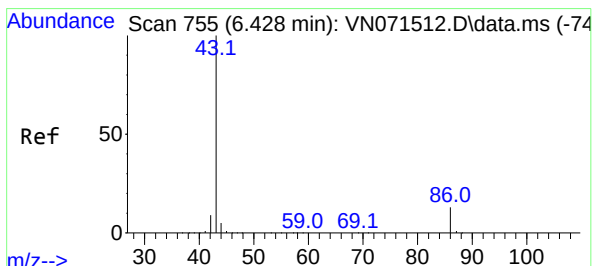
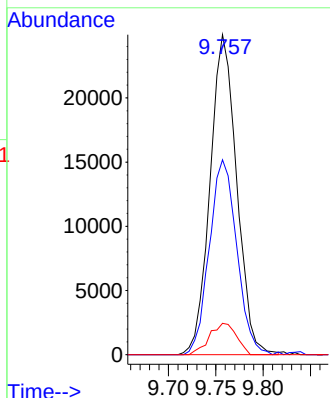
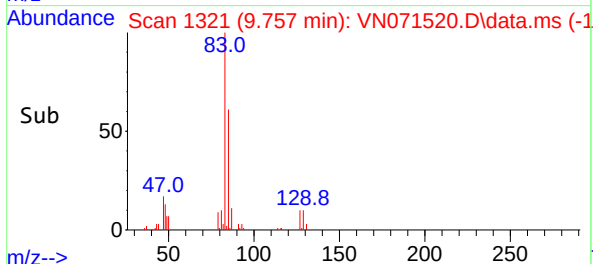
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2022



Tgt Ion: 83 Resp: 4877
Ion Ratio Lower Upper
83 100
85 60.9 54.1 81.1
127 9.8 7.6 11.4

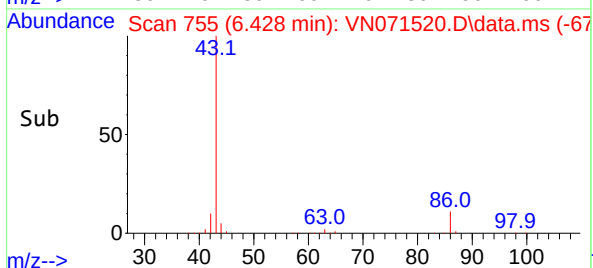
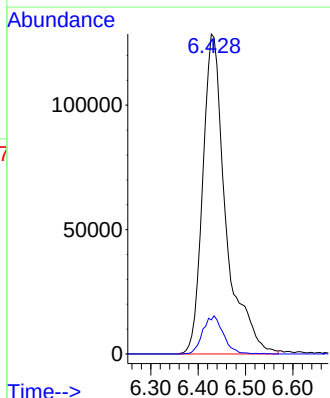
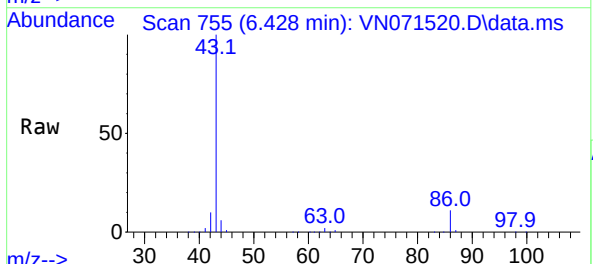
Manual Integrations
APPROVED

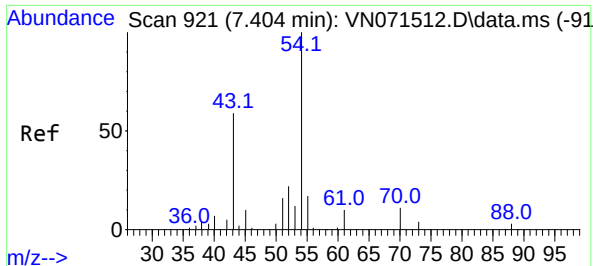
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#42
Vinyl Acetate
Concen: 24.073 ug/l
RT: 6.428 min Scan# 755
Delta R.T. -0.000 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29

Tgt Ion: 43 Resp: 434460
Ion Ratio Lower Upper
43 100
86 10.6 7.5 11.3





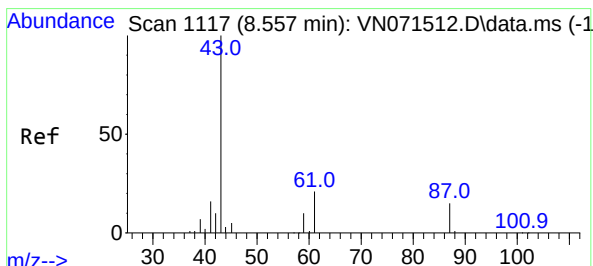
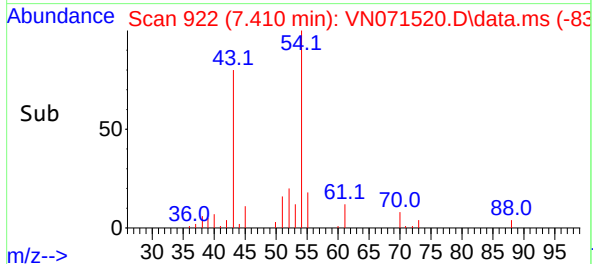
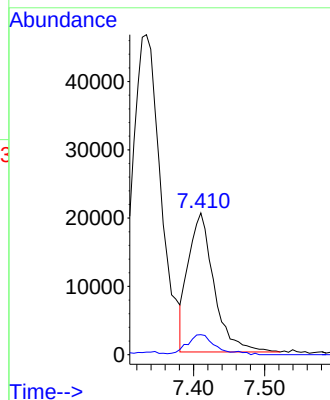
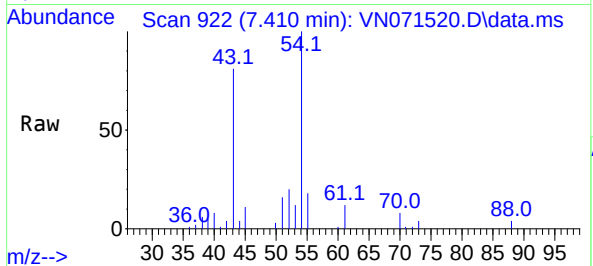
#43
Ethyl Acetate
Concen: 5.033 ug/l
RT: 7.410 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2022

Tgt Ion: 43 Resp: 51409
Ion Ratio Lower Upper
43 100
45 14.8 10.6 16.0

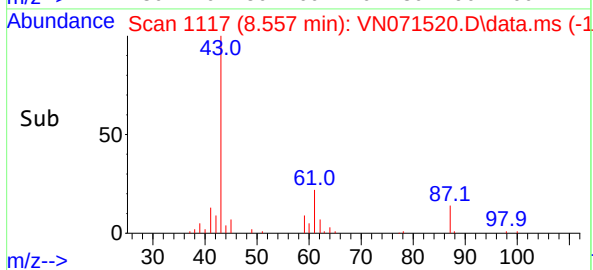
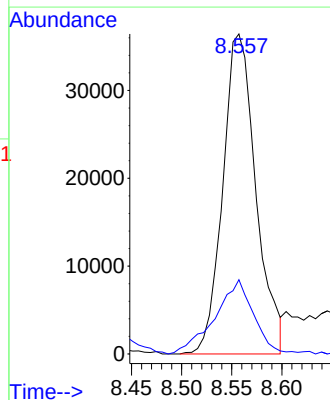
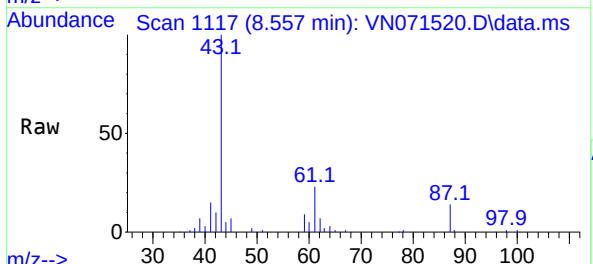
Manual Integrations
APPROVED

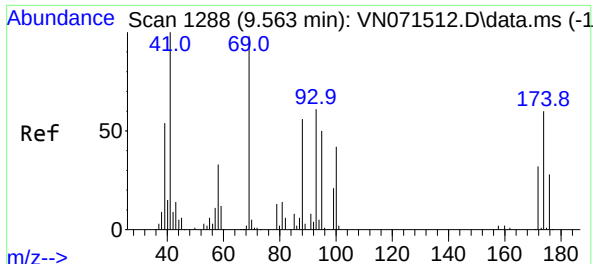
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#44
Isopropyl Acetate
Concen: 5.114 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29

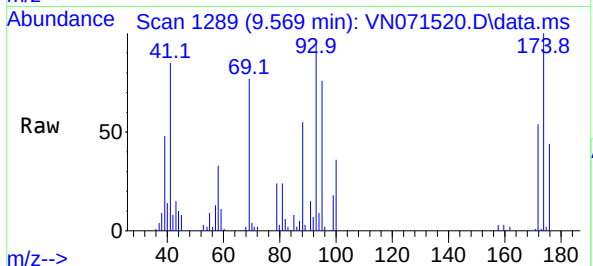
Tgt Ion: 43 Resp: 83770
Ion Ratio Lower Upper
43 100
61 27.1 20.1 30.1





#45
1,4-Dioxane
Concen: 99.592 ug/l m
RT: 9.569 min Scan# 1289
Delta R.T. 0.006 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29

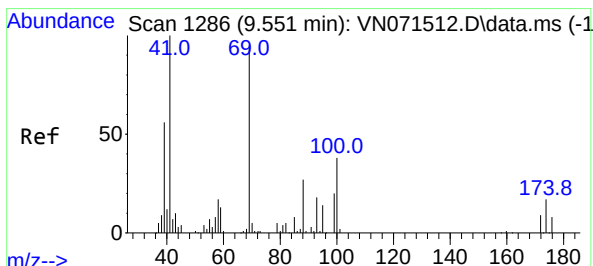
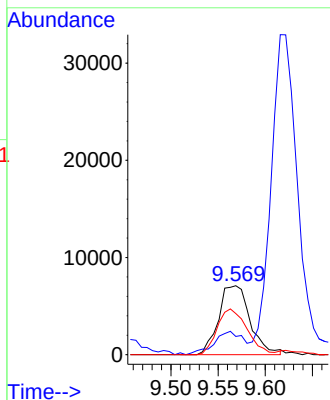
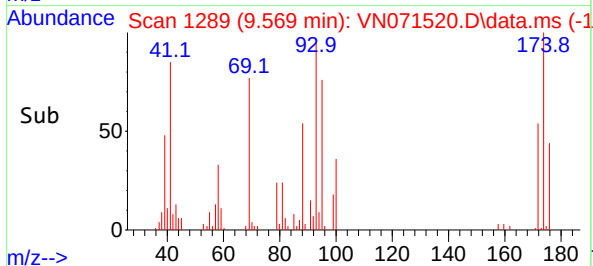
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2022



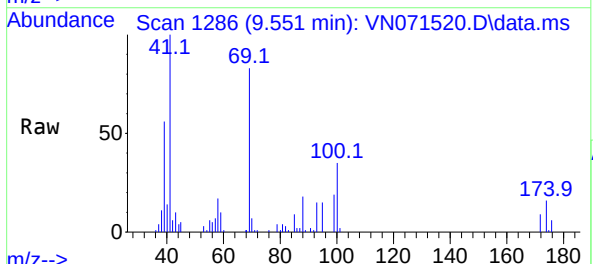
Tgt Ion: 88 Resp: 16460
Ion Ratio Lower Upper
88 100
43 355.7 25.0 37.6
58 4.4 49.4 74.2

Manual Integrations
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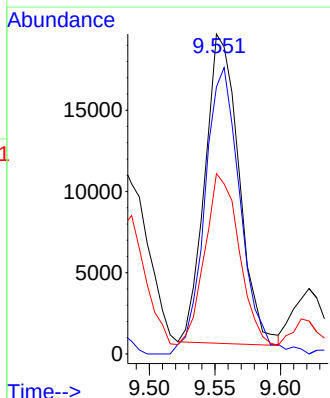
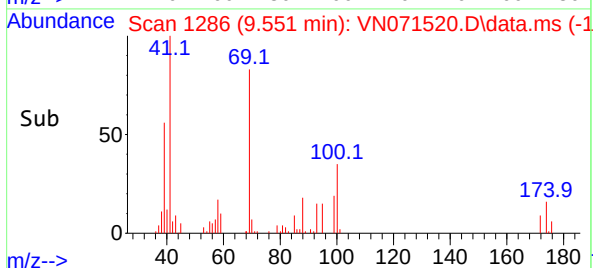
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

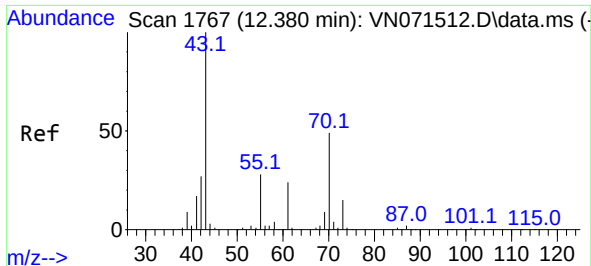


#46
Methyl methacrylate
Concen: 4.786 ug/l
RT: 9.551 min Scan# 1286
Delta R.T. -0.000 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29



Tgt Ion: 41 Resp: 34377
Ion Ratio Lower Upper
41 100
69 83.6 44.4 133.2
39 55.8 39.9 119.6





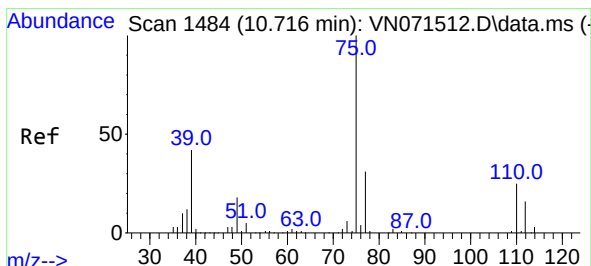
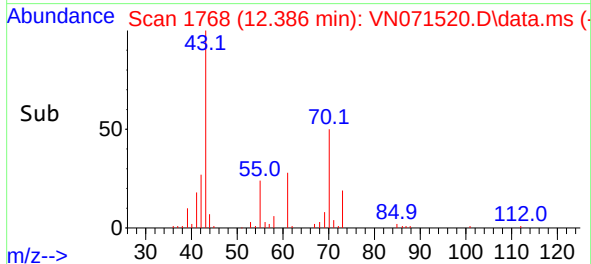
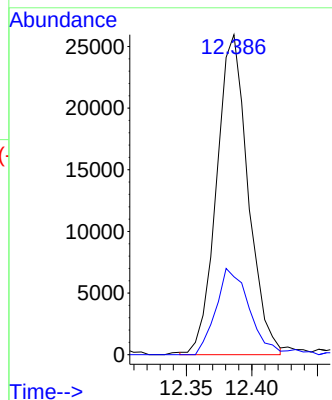
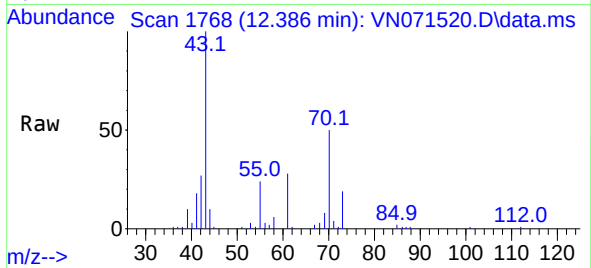
#47
n-amy1 Acetate
Concen: 3.965 ug/l
RT: 12.386 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2022

Tgt Ion: 43 Resp: 43339
Ion Ratio Lower Upper
43 100
55 28.3 19.0 28.6

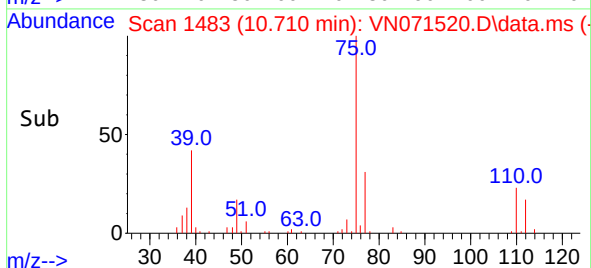
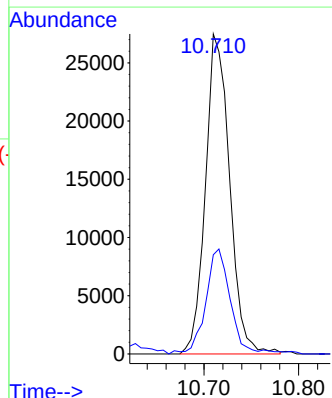
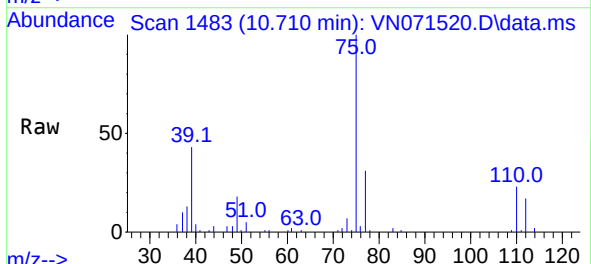
Manual Integrations
APPROVED

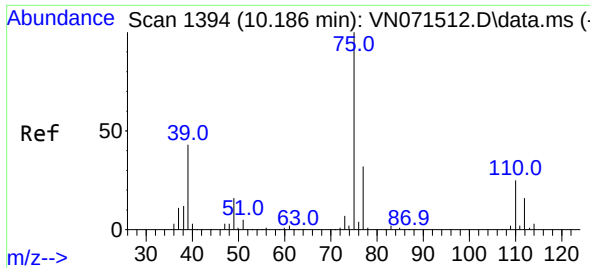
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#48
t-1,3-Dichloropropene
Concen: 4.507 ug/l
RT: 10.710 min Scan# 1483
Delta R.T. -0.006 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29

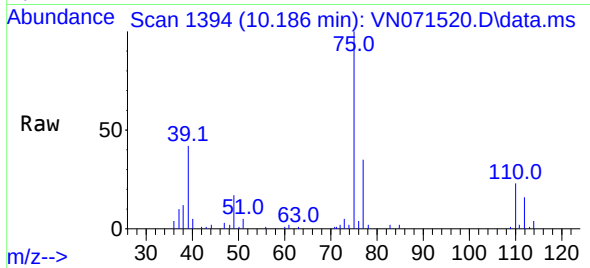
Tgt Ion: 75 Resp: 48806
Ion Ratio Lower Upper
75 100
77 30.3 25.3 37.9





#49
 cis-1,3-Dichloropropene
 Concen: 4.628 ug/l
 RT: 10.186 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN071520.D
 Acq: 24 Mar 2022 14:29

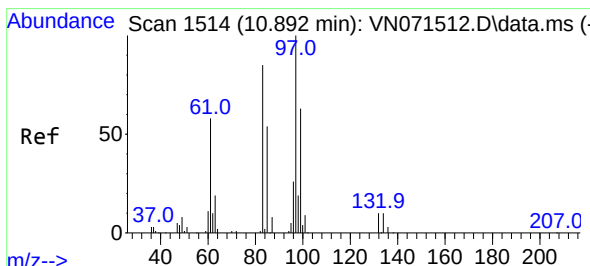
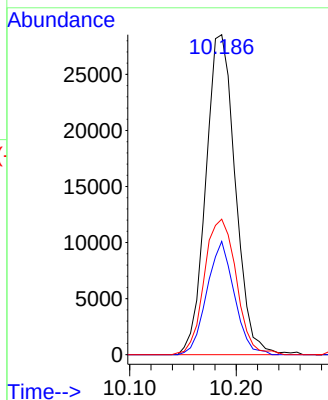
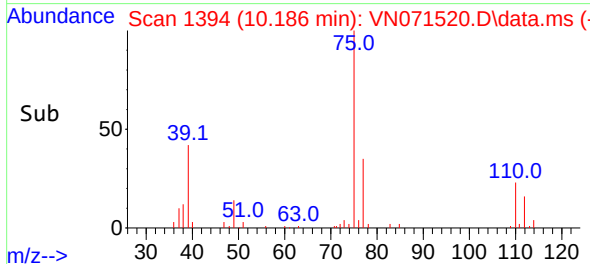
Instrument : MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT1-2022



Tgt Ion: 75 Resp: 5480
 Ion Ratio Lower Upper
 75 100
 77 35.4 25.3 37.9
 39 41.7 46.2 69.4

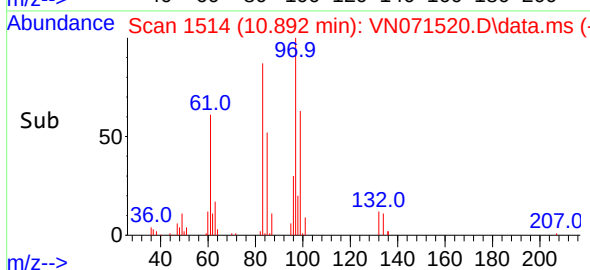
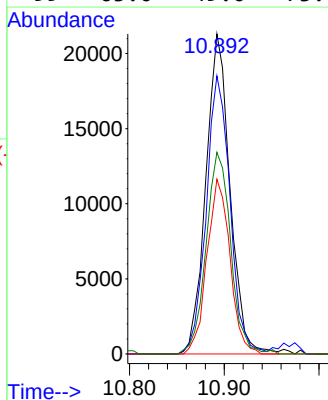
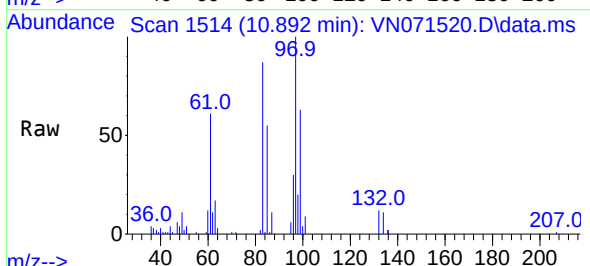
Manual Integrations
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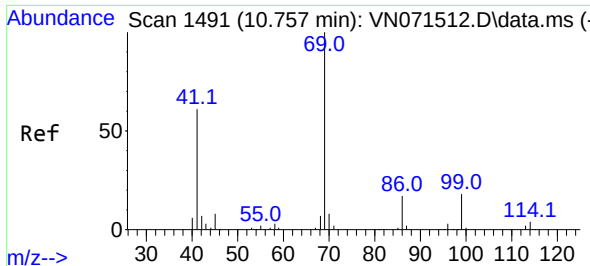
Reviewed By :John Carlone 03/25/2022
 Supervised By :Mahesh Dadoda 03/25/2022



#50
 1,1,2-Trichloroethane
 Concen: 5.071 ug/l
 RT: 10.892 min Scan# 1514
 Delta R.T. -0.000 min
 Lab File: VN071520.D
 Acq: 24 Mar 2022 14:29

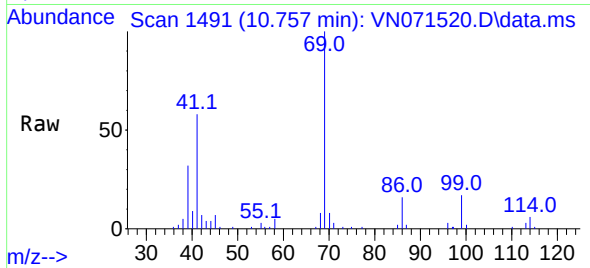
Tgt Ion: 97 Resp: 37743
 Ion Ratio Lower Upper
 97 100
 83 86.9 67.2 100.8
 85 54.6 43.0 64.4
 99 63.0 49.0 73.4





#51
Ethyl methacrylate
Concen: 4.480 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29

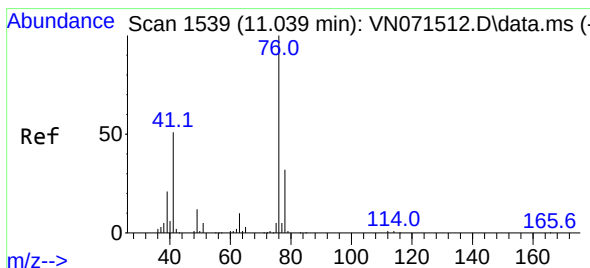
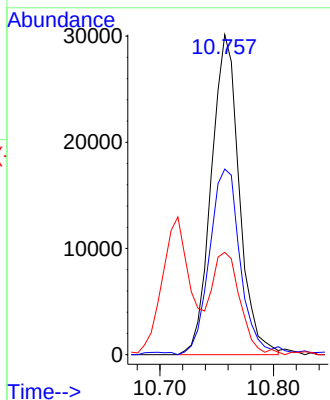
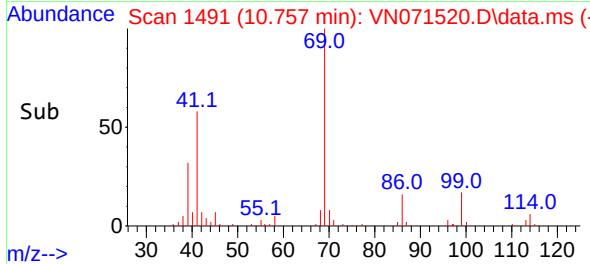
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2022



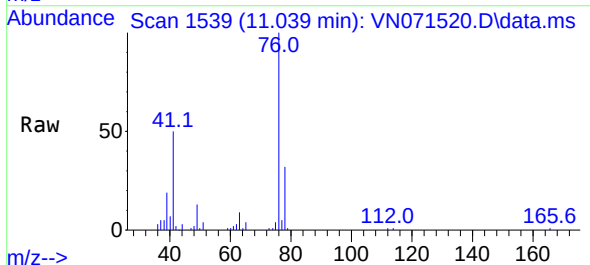
Tgt Ion: 69 Resp: 5148
Ion Ratio Lower Upper
69 100
41 58.0 33.0 98.9
39 31.2 25.4 76.4

Manual Integrations
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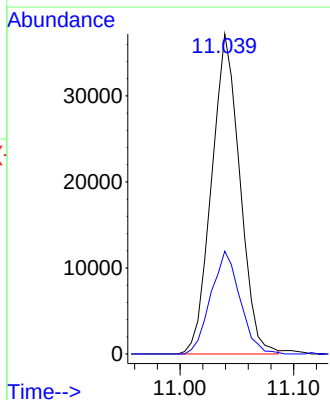
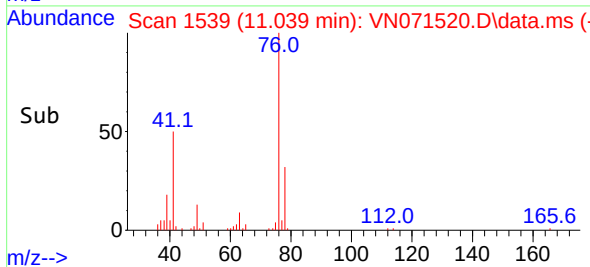
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

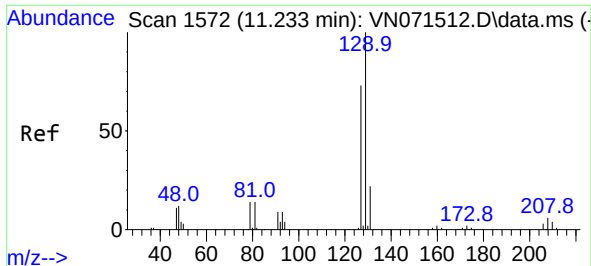


#52
1,3-Dichloropropane
Concen: 5.057 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29



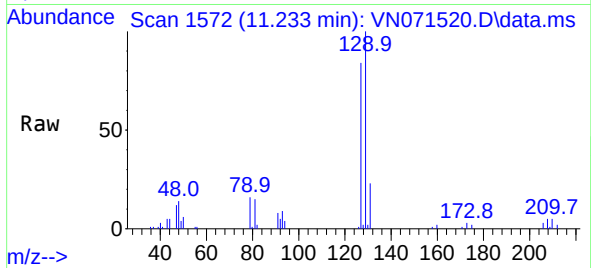
Tgt Ion: 76 Resp: 64281
Ion Ratio Lower Upper
76 100
78 33.2 0.0 65.4





#53
Dibromochloromethane
Concen: 4.492 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29

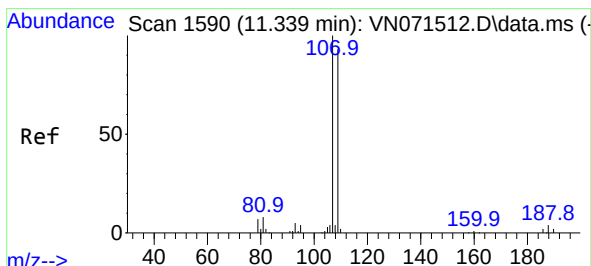
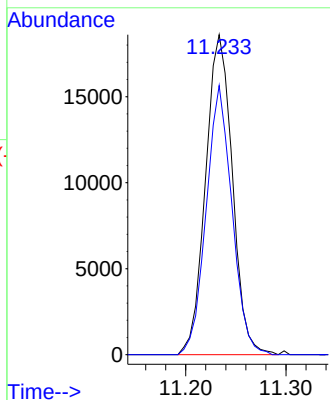
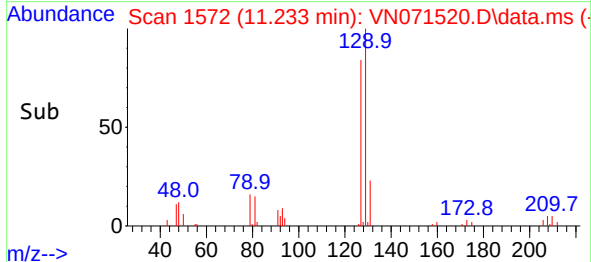
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2022



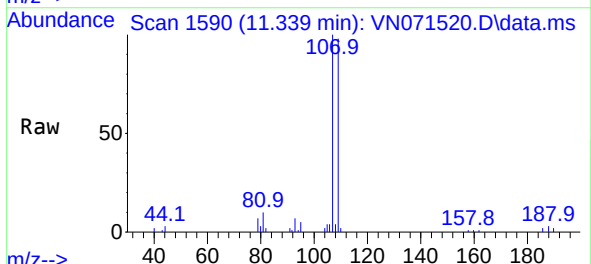
Tgt Ion:129 Resp: 34609
Ion Ratio Lower Upper
129 100
127 81.0 39.0 117.0

Manual Integrations
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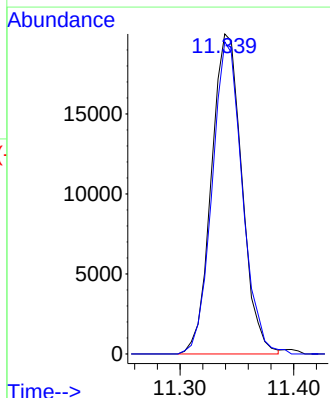
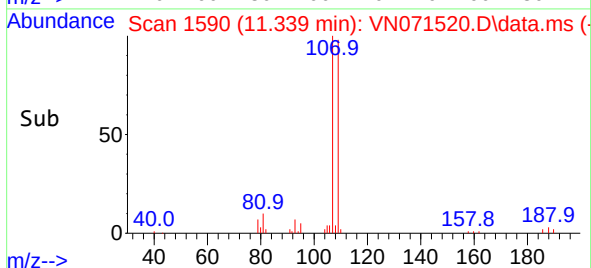
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

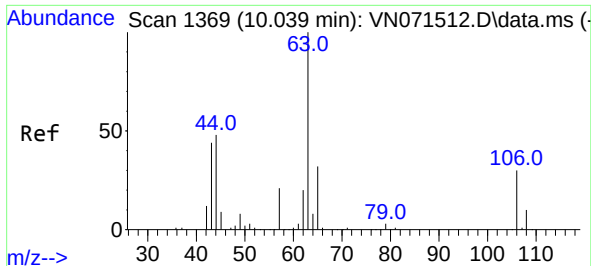


#54
1,2-Dibromoethane
Concen: 4.869 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29



Tgt Ion:107 Resp: 37276
Ion Ratio Lower Upper
107 100
109 96.6 72.8 109.2





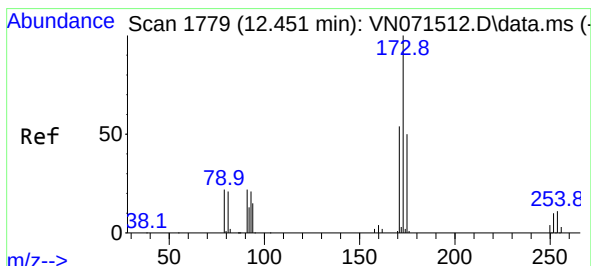
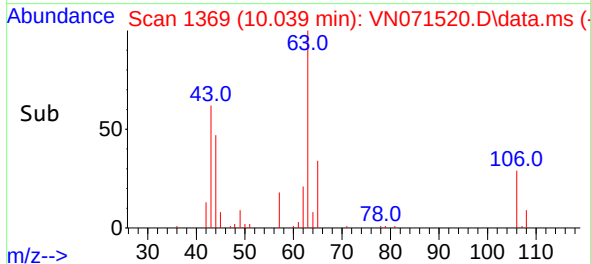
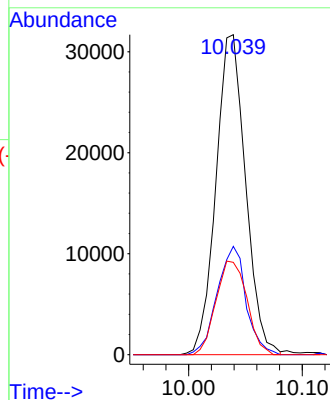
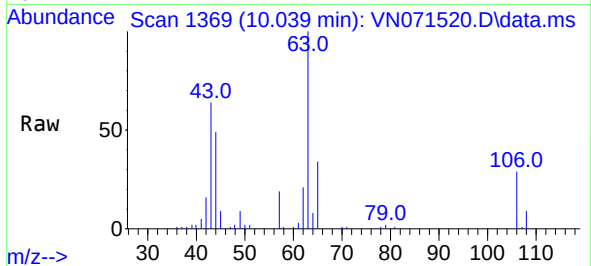
#55
2-Chloroethyl vinyl ether
Concen: 18.537 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2022

Tgt Ion: 63 Resp: 57394
Ion Ratio Lower Upper
63 100
65 32.9 25.4 38.0
106 30.6 23.2 34.8

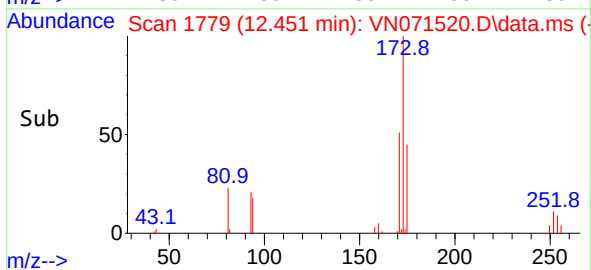
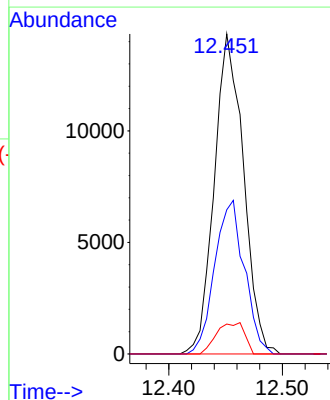
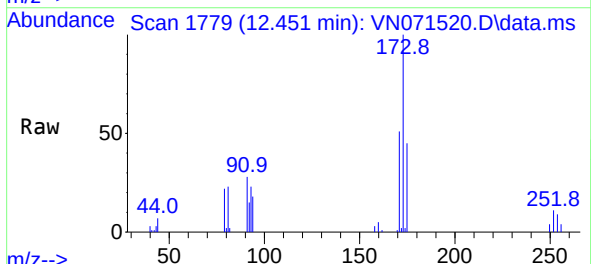
Manual Integrations
APPROVED

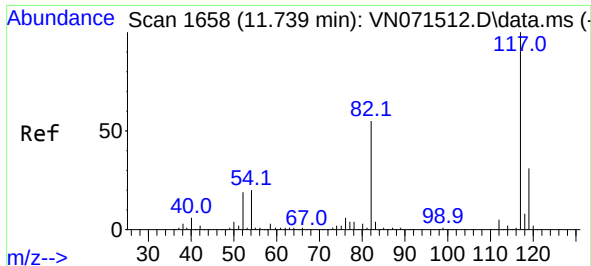
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#56
Bromoform
Concen: 4.311 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29

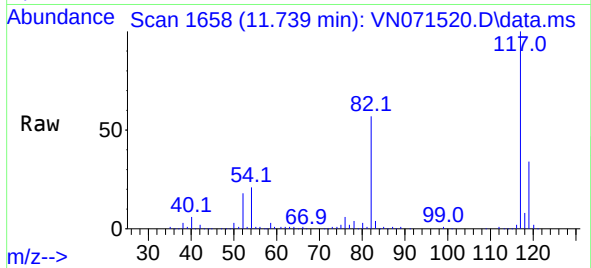
Tgt Ion:173 Resp: 25607
Ion Ratio Lower Upper
173 100
175 48.8 38.6 58.0
254 9.4 0.0 0.0#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29

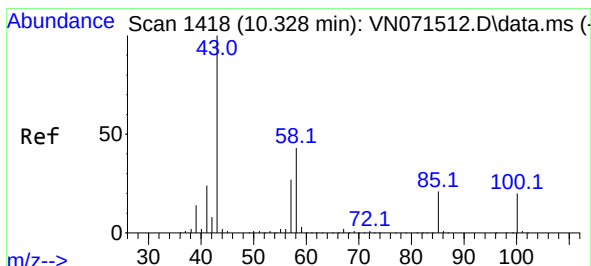
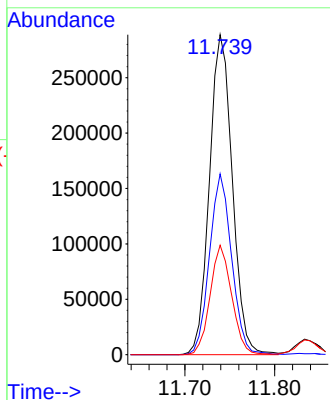
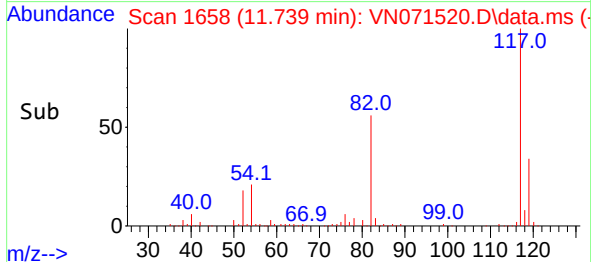
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2022



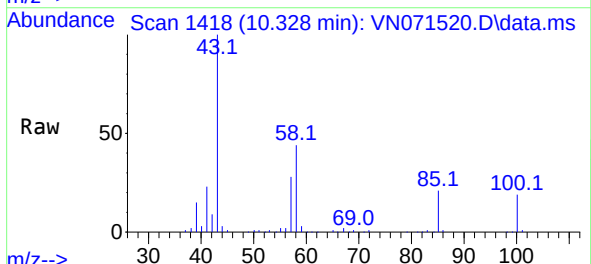
Tgt Ion:117 Resp: 512328
Ion Ratio Lower Upper
117 100
82 54.7 43.6 65.4
119 32.3 25.8 38.6

Manual Integrations
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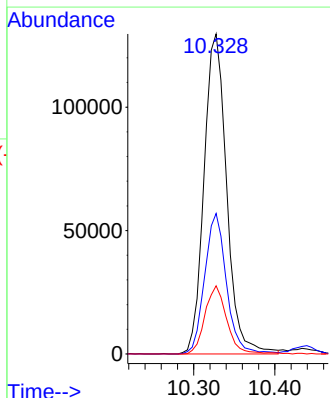
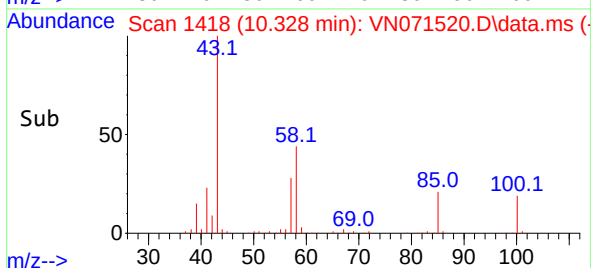
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

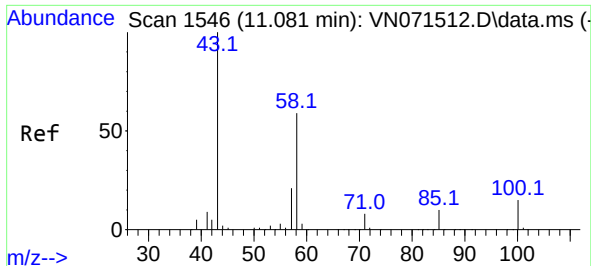


#58
4-Methyl-2-Pentanone
Concen: 25.845 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29



Tgt Ion: 43 Resp: 251356
Ion Ratio Lower Upper
43 100
58 41.9 30.0 45.0
85 20.3 15.0 22.6





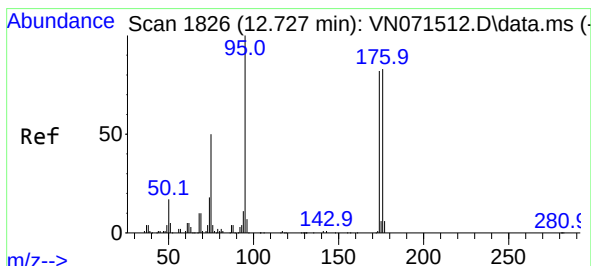
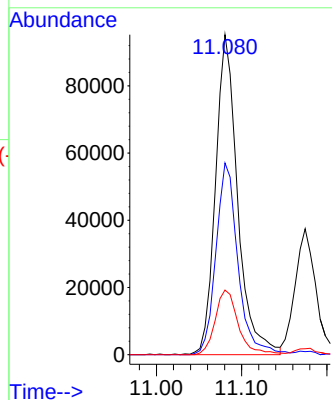
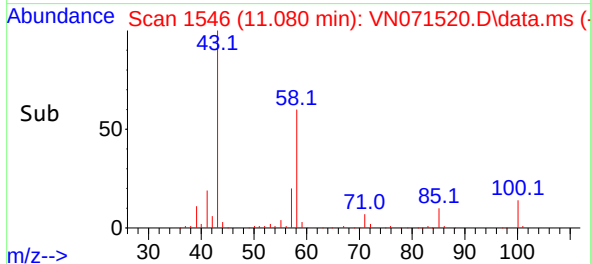
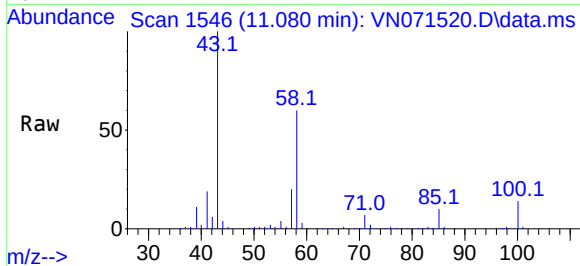
#59
2-Hexanone
Concen: 24.210 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.000 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29

Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2022

Tgt Ion: 43 Resp: 171909
Ion Ratio Lower Upper
43 100
58 59.5 42.2 63.2
57 21.1 15.0 22.4

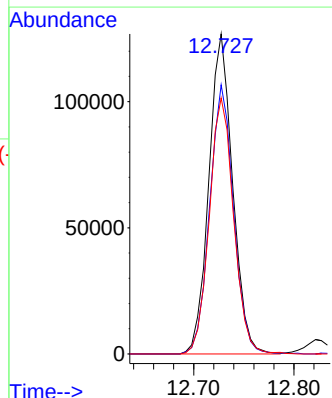
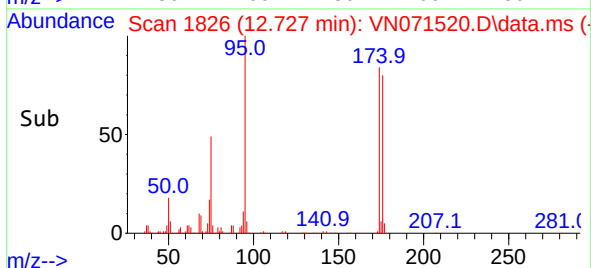
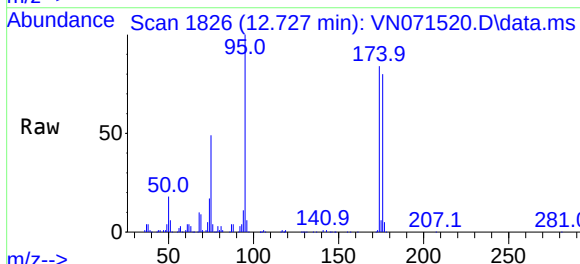
Manual Integrations
APPROVED

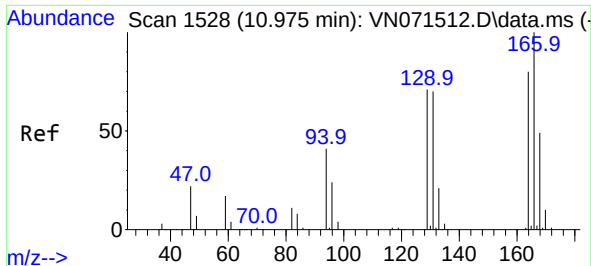
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#60
4-Bromofluorobenzene
Concen: 27.537 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29

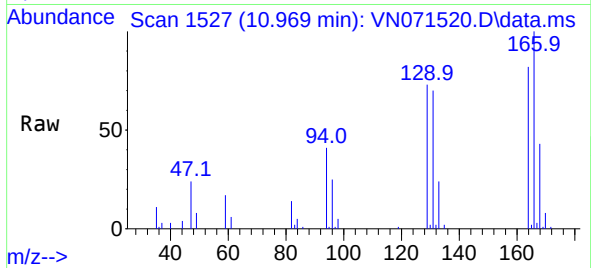
Tgt Ion: 95 Resp: 209187
Ion Ratio Lower Upper
95 100
174 84.3 62.9 94.3
176 81.6 61.0 91.4





#61
Tetrachloroethene
Concen: 5.304 ug/l
RT: 10.969 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29

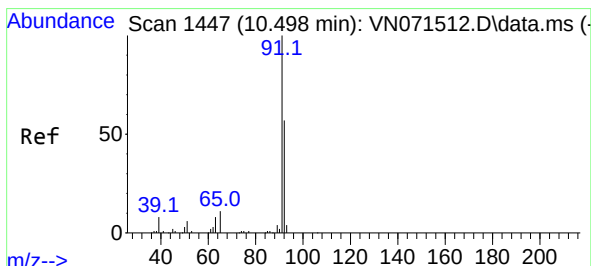
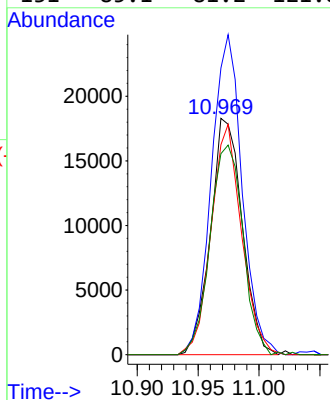
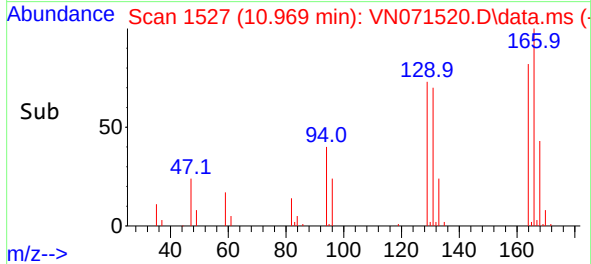
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2022



Tgt Ion:164 Resp: 33072
Ion Ratio Lower Upper
164 100
166 121.3 105.8 158.8
129 88.9 82.5 123.7
131 85.1 81.2 121.8

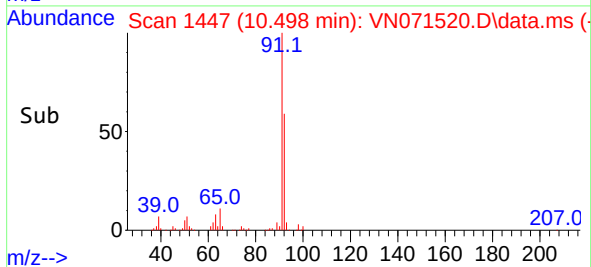
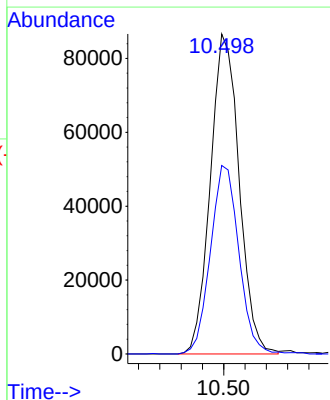
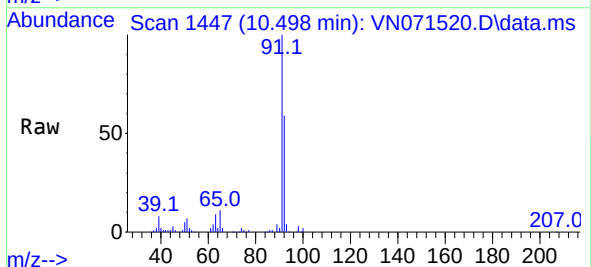
Manual Integrations
APPROVED

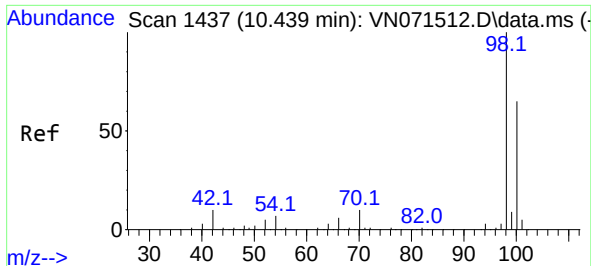
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#62
Toluene
Concen: 5.231 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29

Tgt Ion: 91 Resp: 162517
Ion Ratio Lower Upper
91 100
92 58.2 44.6 67.0





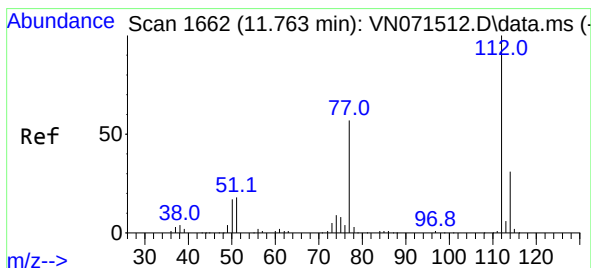
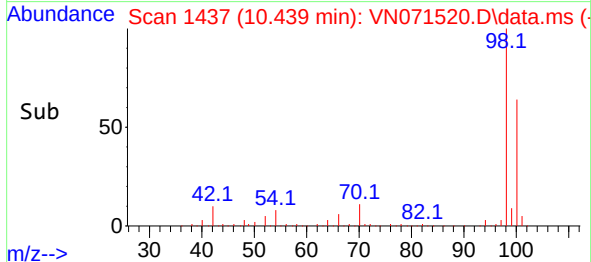
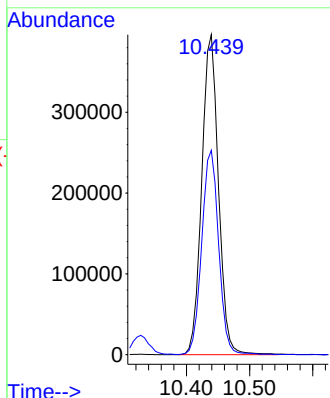
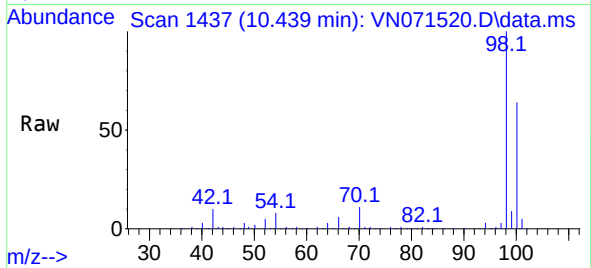
#63
Toluene-d8
Concen: 31.299 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2022

Tgt Ion: 98 Resp: 727928
Ion Ratio Lower Upper
98 100
100 64.2 50.6 76.0

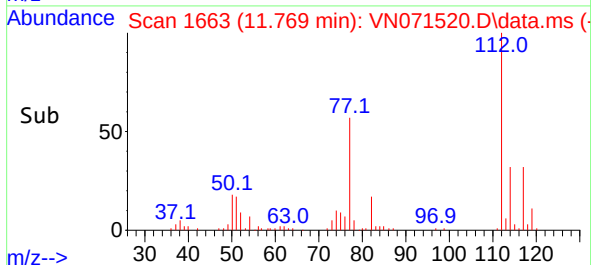
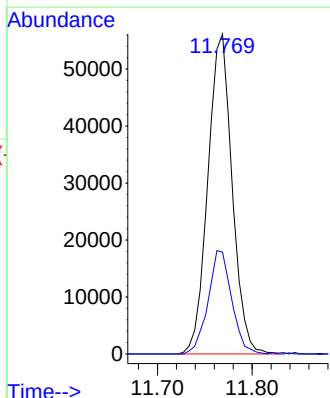
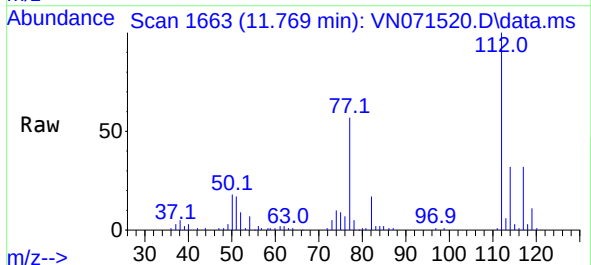
Manual Integrations
APPROVED

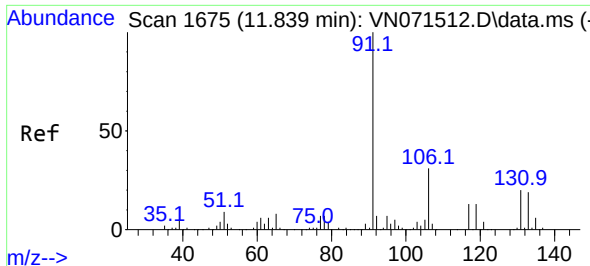
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#64
Chlorobenzene
Concen: 5.214 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29

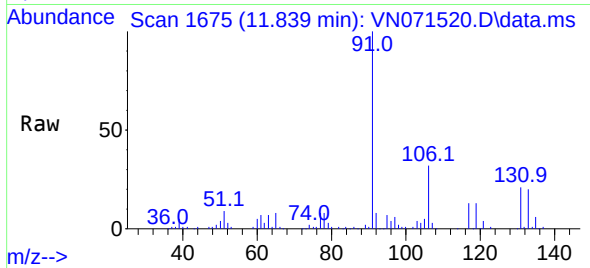
Tgt Ion:112 Resp: 99917
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 5.007 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29

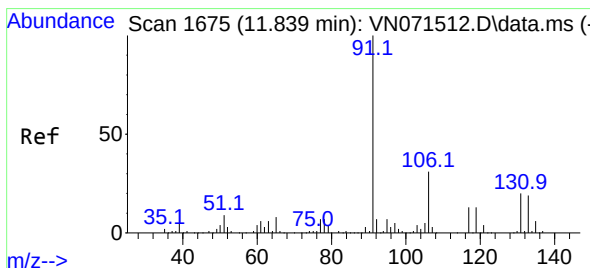
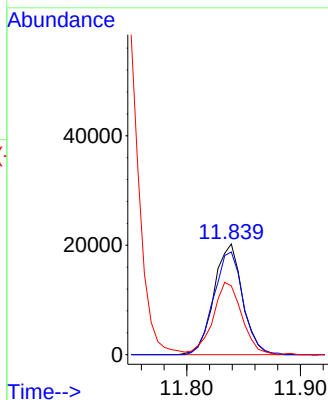
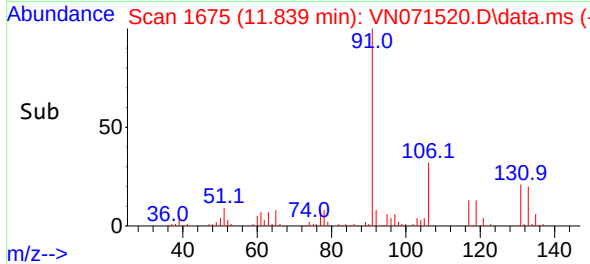
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT1-2022



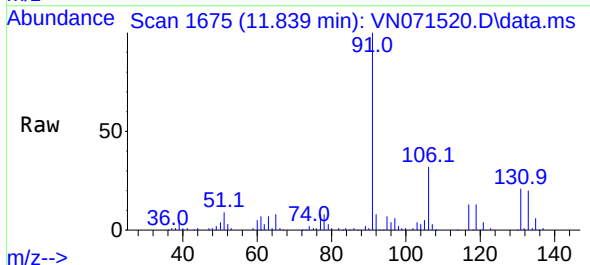
Tgt Ion:131 Resp: 35198
Ion Ratio Lower Upper
131 100
133 96.0 0.0 191.2
119 66.3 0.0 128.8

Manual Integrations
APPROVED

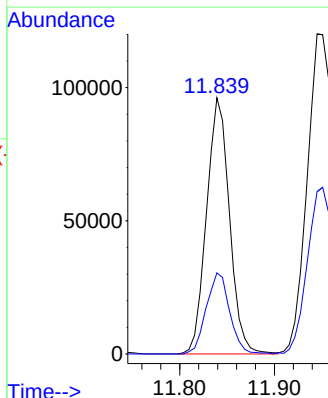
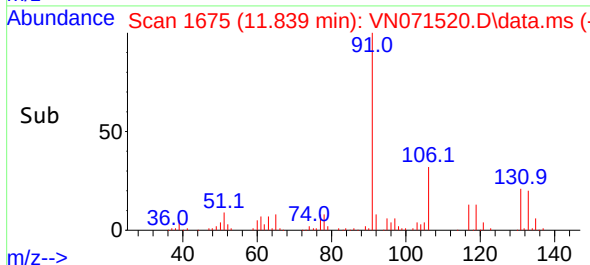
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

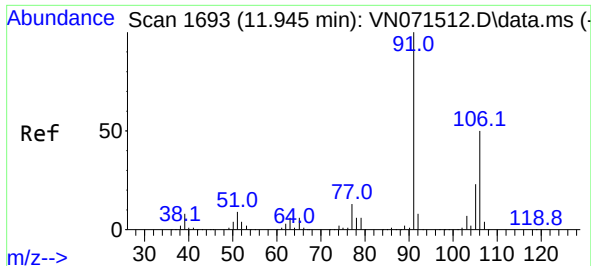


#66
Ethyl Benzene
Concen: 4.795 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29



Tgt Ion: 91 Resp: 161877
Ion Ratio Lower Upper
91 100
106 31.6 24.0 36.0





#67

m/p-Xylenes

Concen: 9.598 ug/l

RT: 11.951 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN071520.D

Acq: 24 Mar 2022 14:29

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2022

Tgt Ion:106 Resp: 126050

Ion Ratio Lower Upper

106 100

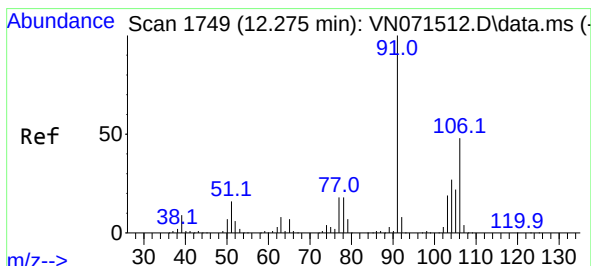
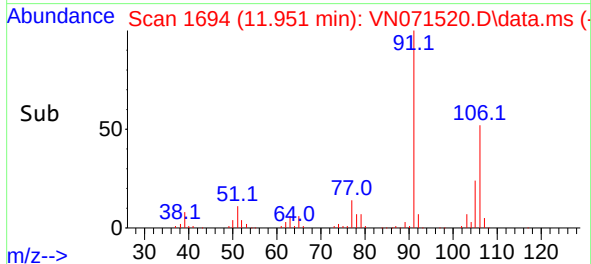
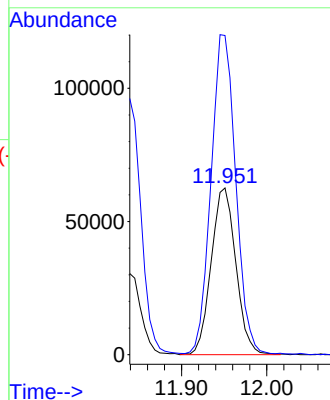
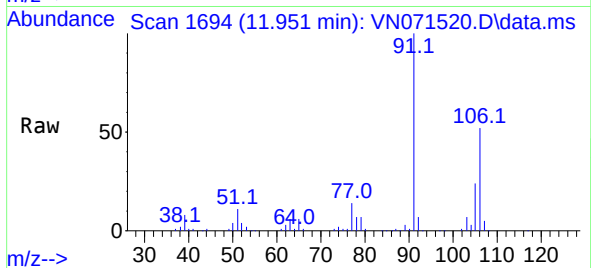
91 192.7 162.9 244.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2022

Supervised By :Mahesh Dadoda 03/25/2022



#68

o-Xylene

Concen: 4.689 ug/l

RT: 12.280 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VN071520.D

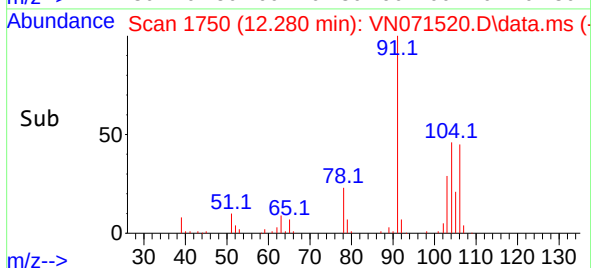
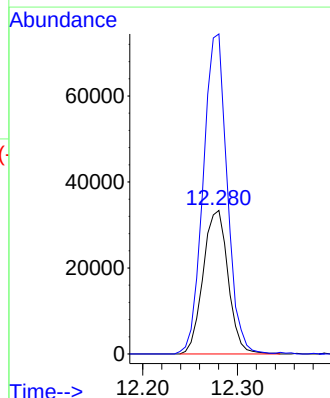
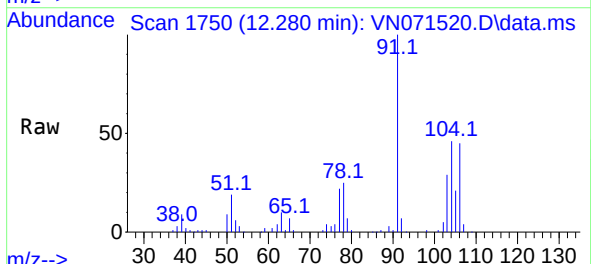
Acq: 24 Mar 2022 14:29

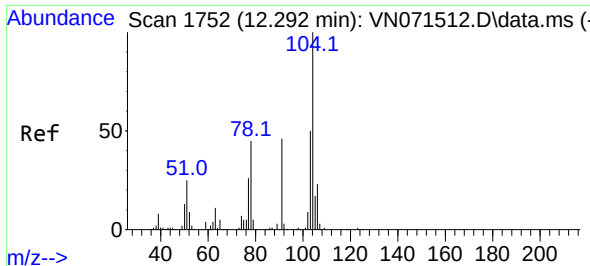
Tgt Ion:106 Resp: 61213

Ion Ratio Lower Upper

106 100

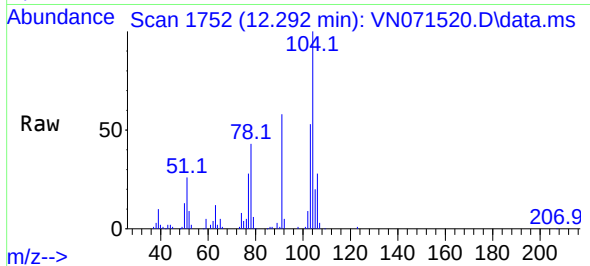
91 213.6 107.7 323.1





#69
Styrene
Concen: 4.286 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29

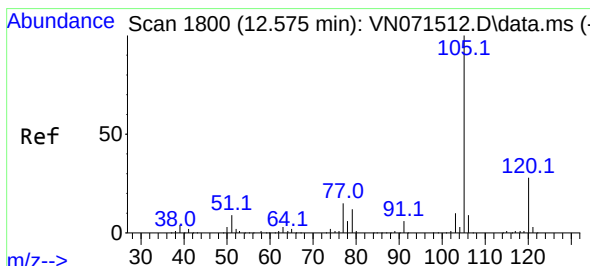
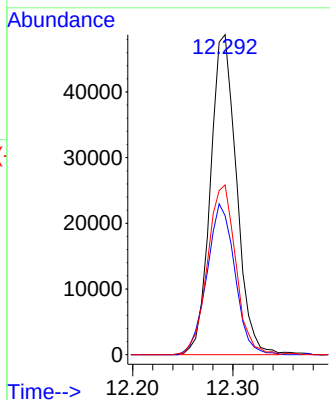
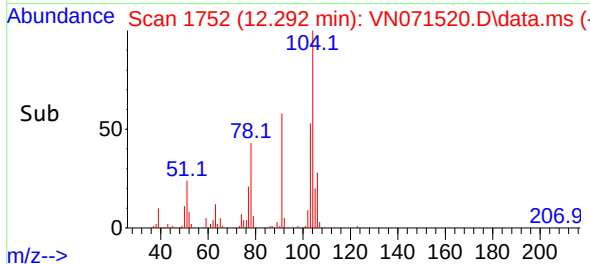
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT1-2022



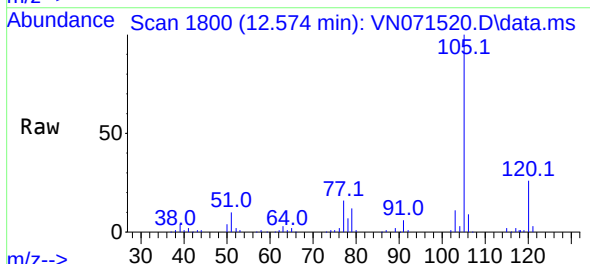
Tgt Ion:104 Resp: 88060
Ion Ratio Lower Upper
104 100
78 50.4 40.7 61.1
103 57.4 45.8 68.8

Manual Integrations
APPROVED

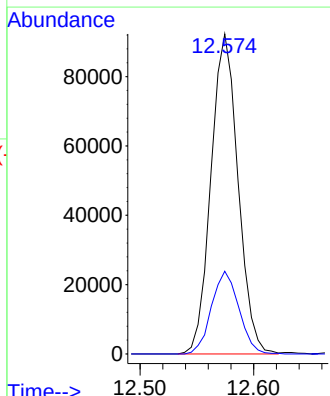
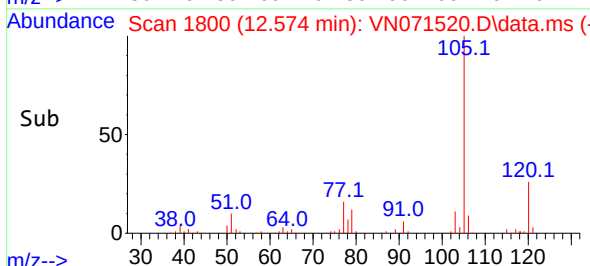
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

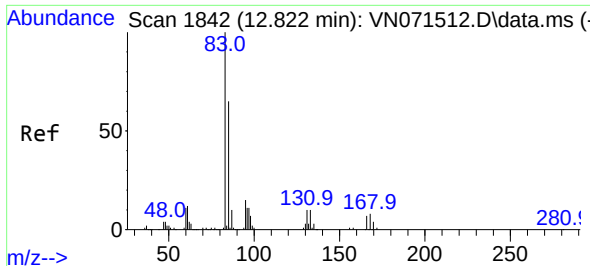


#70
Isopropylbenzene
Concen: 4.668 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29



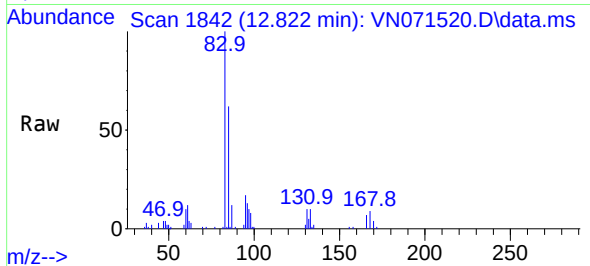
Tgt Ion:105 Resp: 152923
Ion Ratio Lower Upper
105 100
120 26.1 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 5.334 ug/l
RT: 12.822 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29

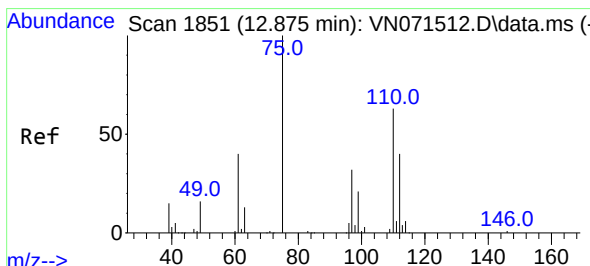
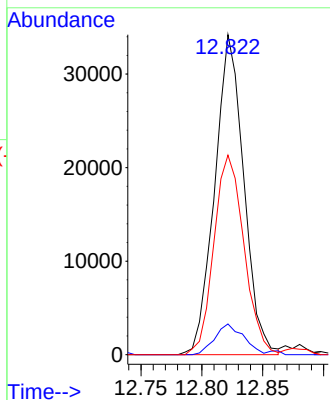
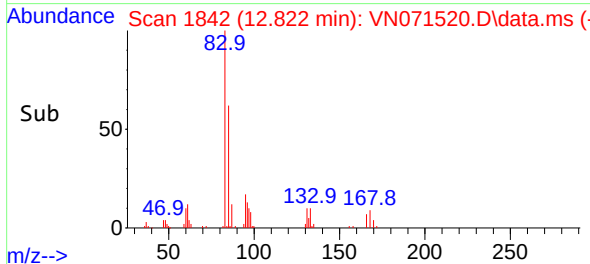
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT1-2022



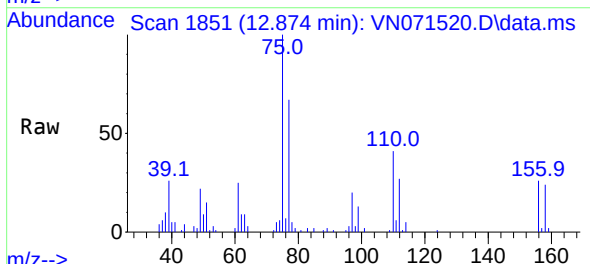
Tgt Ion: 83 Resp: 56880
Ion Ratio Lower Upper
83 100
131 9.5 5.1 15.3
85 64.6 33.1 99.2

Manual Integrations
APPROVED

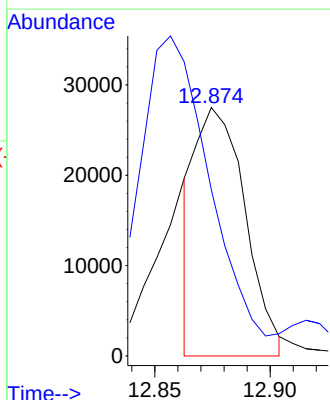
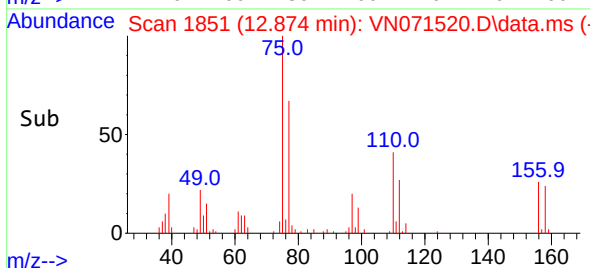
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

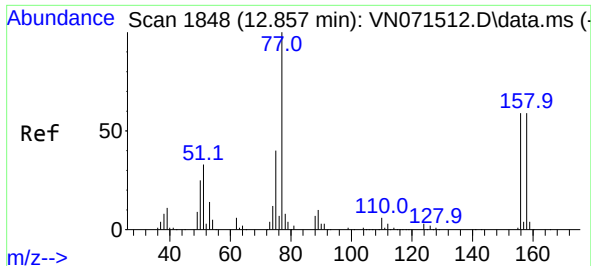


#72
1,2,3-Trichloropropane
Concen: 4.507 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29



Tgt Ion: 75 Resp: 41286
Ion Ratio Lower Upper
75 100
77 186.1 0.0 378.0





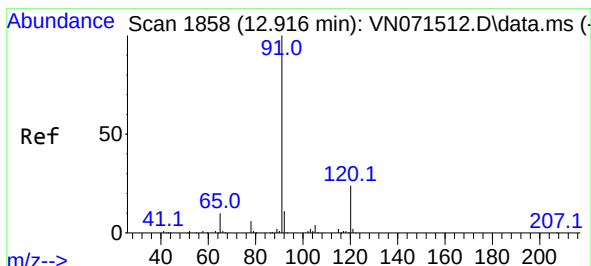
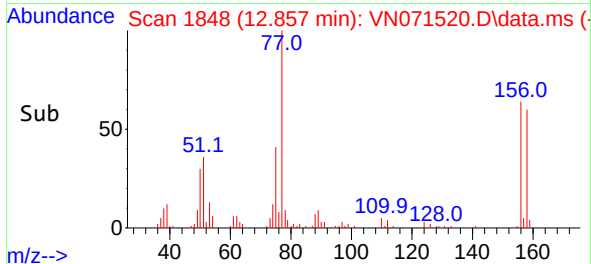
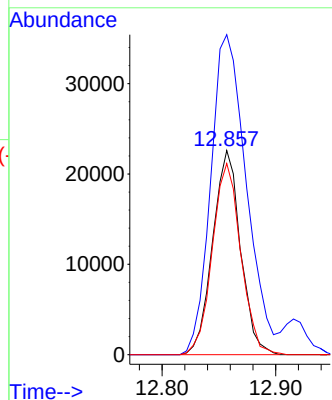
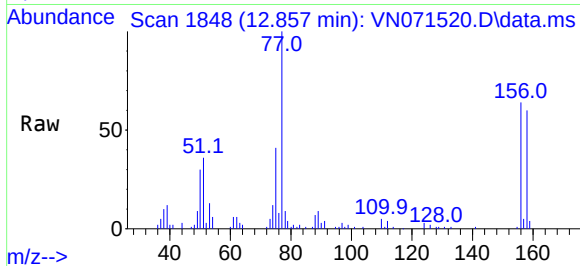
#73
Bromobenzene
Concen: 4.824 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2022

Tgt Ion:156 Resp: 38558
Ion Ratio Lower Upper
156 100
77 199.3 0.0 416.0
158 95.7 0.0 195.4

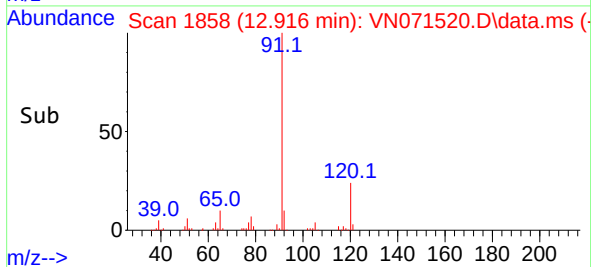
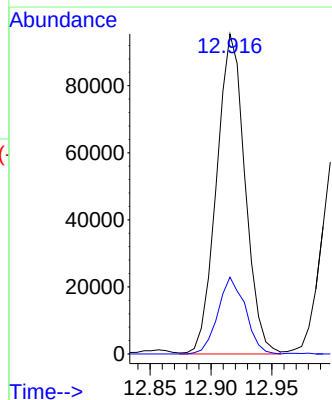
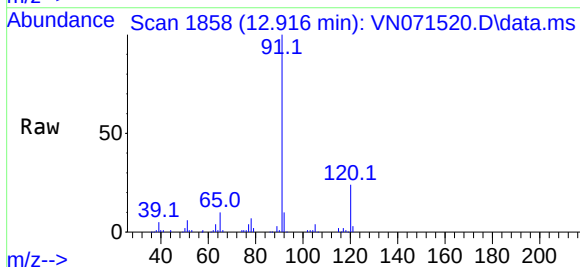
Manual Integrations
APPROVED

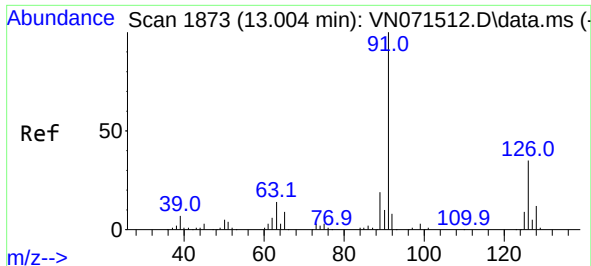
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#74
n-propylbenzene
Concen: 4.342 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29

Tgt Ion: 91 Resp: 155266
Ion Ratio Lower Upper
91 100
120 23.1 0.0 45.0





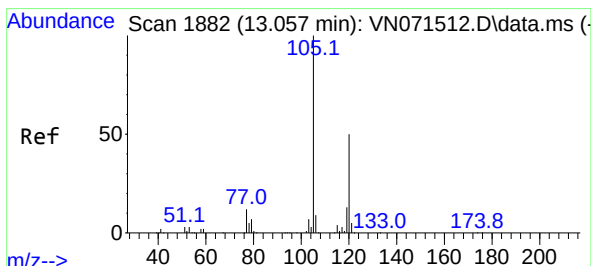
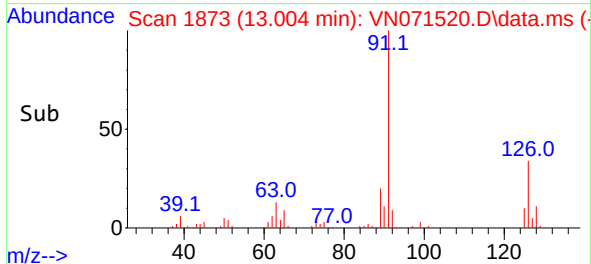
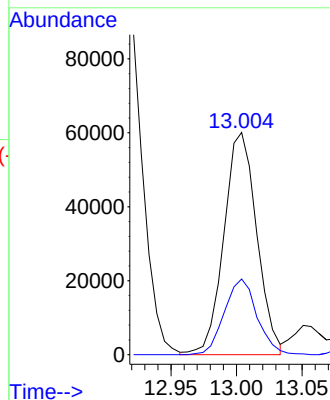
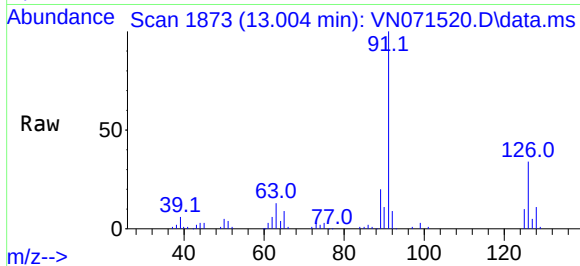
#75
2-Chlorotoluene
Concen: 4.687 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29

Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2022

Tgt Ion: 91 Resp: 10473
Ion Ratio Lower Upper
91 100
126 33.9 0.0 69.8

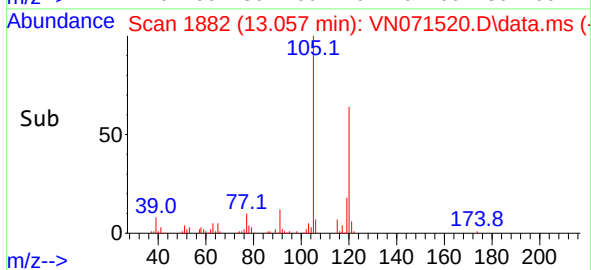
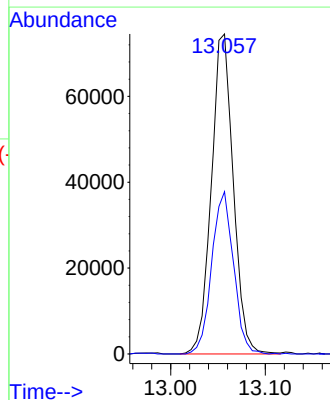
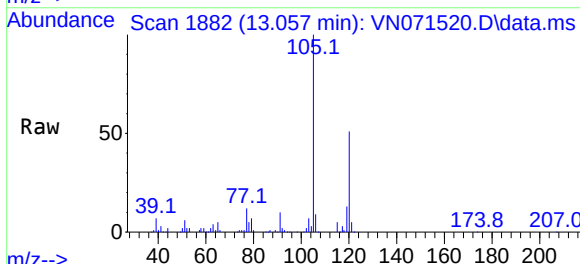
Manual Integrations
APPROVED

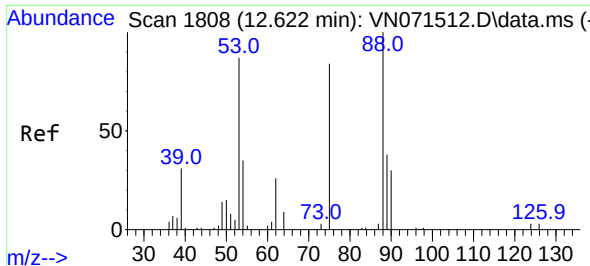
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#76
1,3,5-Trimethylbenzene
Concen: 4.562 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29

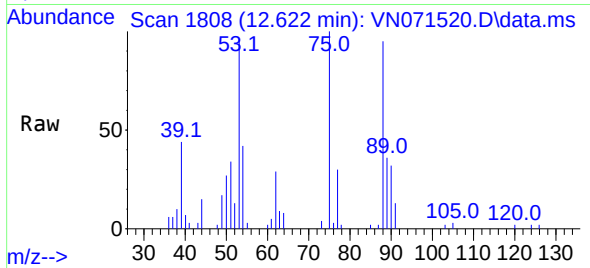
Tgt Ion:105 Resp: 119919
Ion Ratio Lower Upper
105 100
120 50.3 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 4.074 ug/l
RT: 12.622 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29

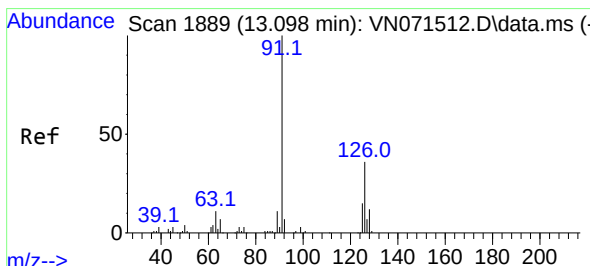
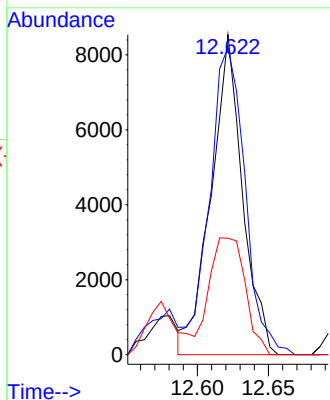
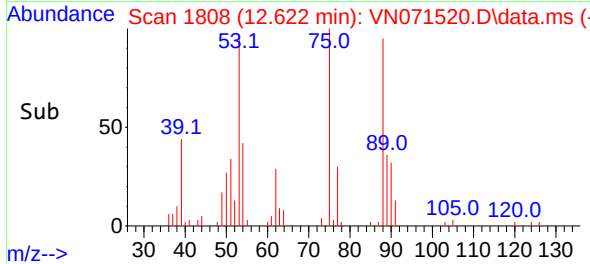
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT1-2022



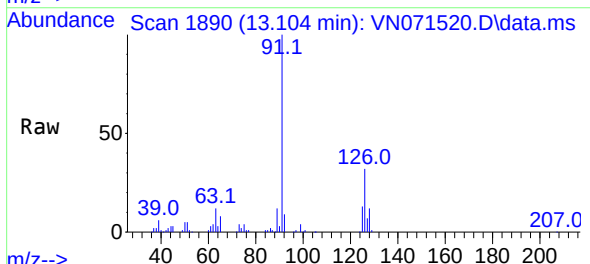
Tgt Ion: 75 Resp: 1310
Ion Ratio Lower Upper
75 100
53 93.6 51.8 155.5
89 36.4 22.9 68.7

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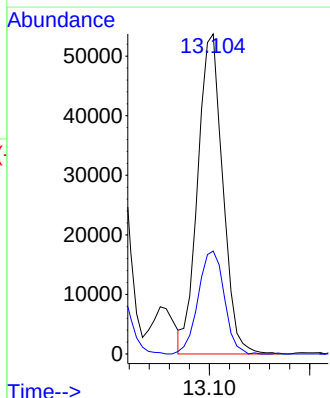
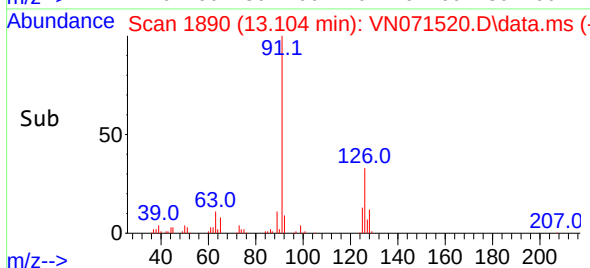
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

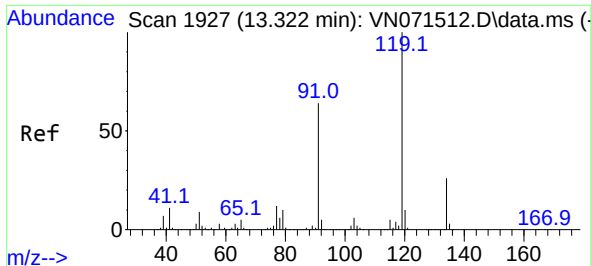


#78
4-Chlorotoluene
Concen: 4.463 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.006 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29



Tgt Ion: 91 Resp: 93150
Ion Ratio Lower Upper
91 100
126 33.4 0.0 70.6





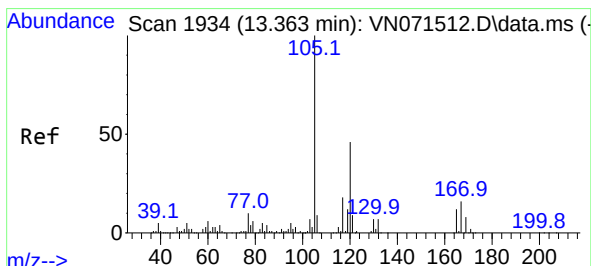
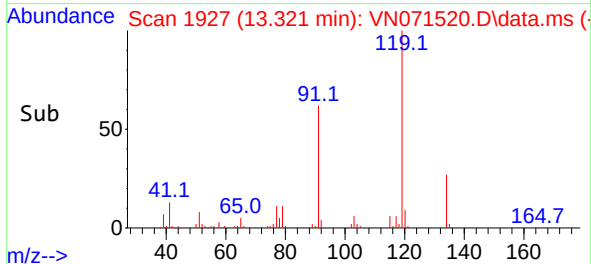
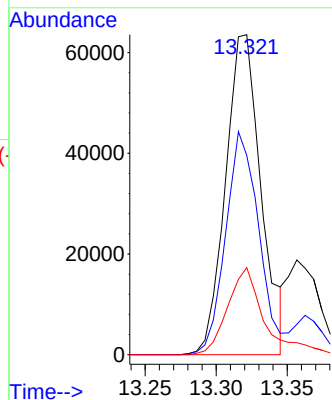
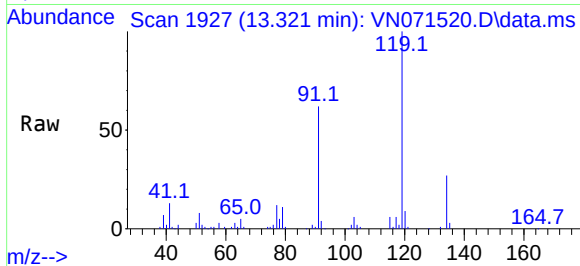
#79
tert-butylbenzene
Concen: 4.676 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29

Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT1-2022

Tgt Ion:119 Resp: 110904
Ion Ratio Lower Upper
119 100
91 64.7 0.0 137.0
134 28.1 0.0 47.6

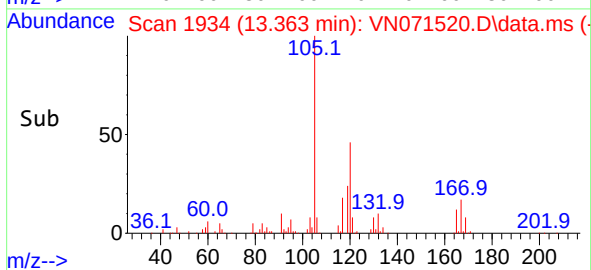
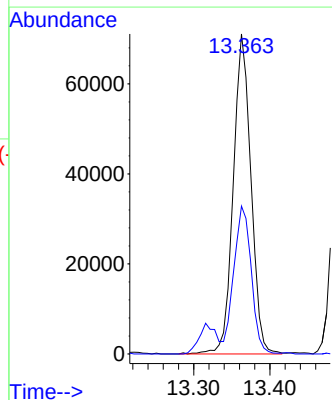
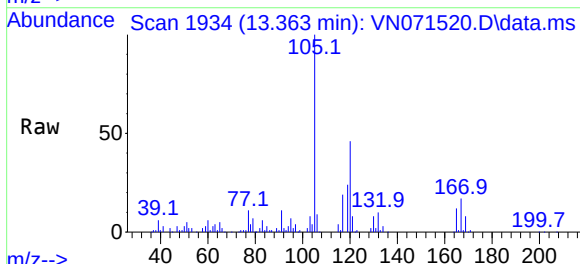
Manual Integrations
APPROVED

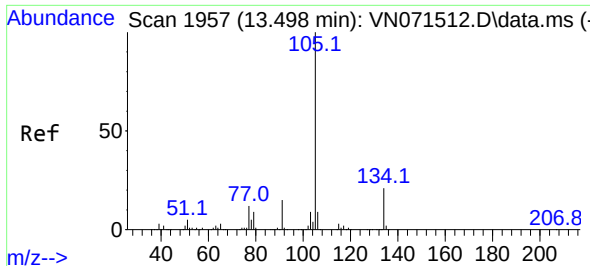
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#80
1,2,4-Trimethylbenzene
Concen: 4.492 ug/l m
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29

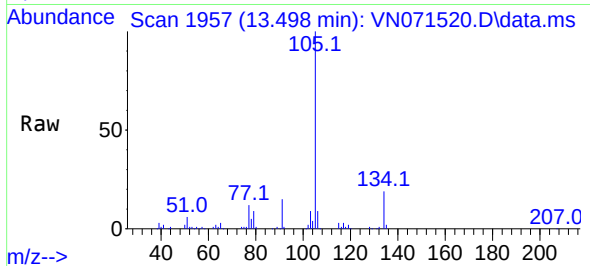
Tgt Ion:105 Resp: 114551
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2





#81
 sec-Butylbenzene
 Concen: 4.380 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN071520.D
 Acq: 24 Mar 2022 14:29

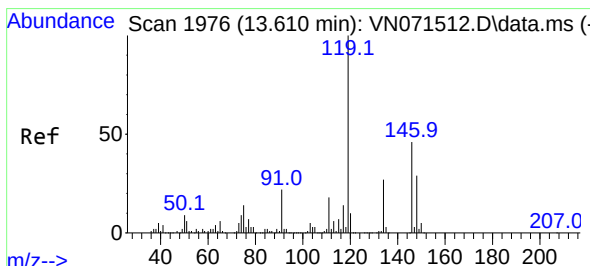
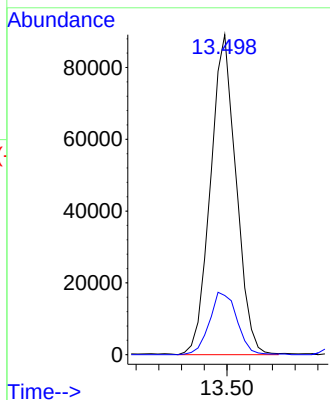
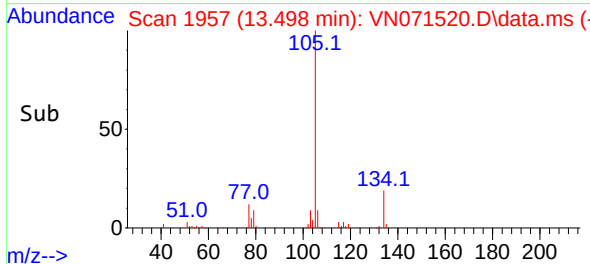
Instrument : MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT1-2022



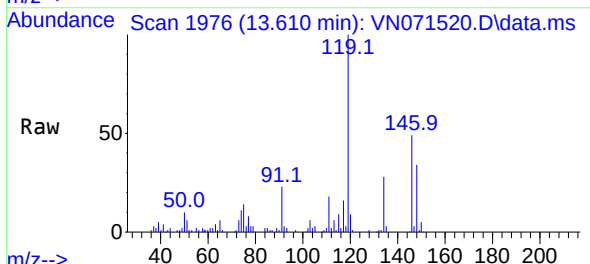
Tgt Ion:105 Resp: 13957
 Ion Ratio Lower Upper
 105 100
 134 20.9 0.0 39.4

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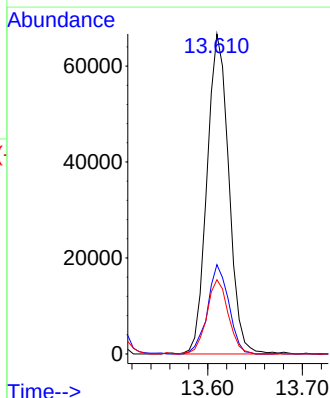
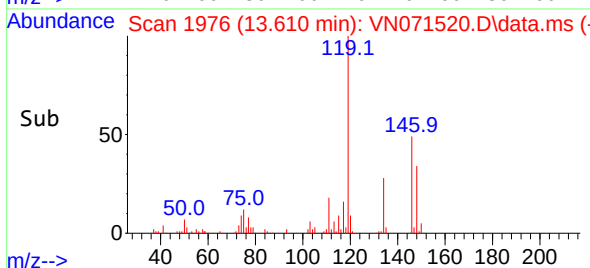
Reviewed By :John Carlone 03/25/2022
 Supervised By :Mahesh Dadoda 03/25/2022

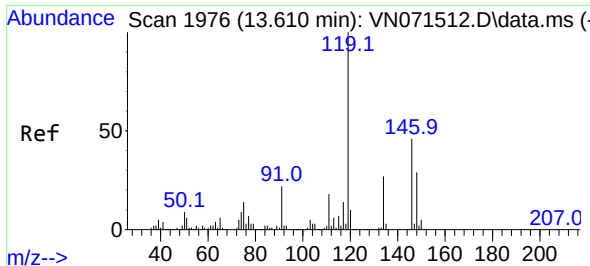


#82
 p-Isopropyltoluene
 Concen: 4.124 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071520.D
 Acq: 24 Mar 2022 14:29



Tgt Ion:119 Resp: 106784
 Ion Ratio Lower Upper
 119 100
 134 27.1 0.0 51.8
 91 22.7 0.0 50.4





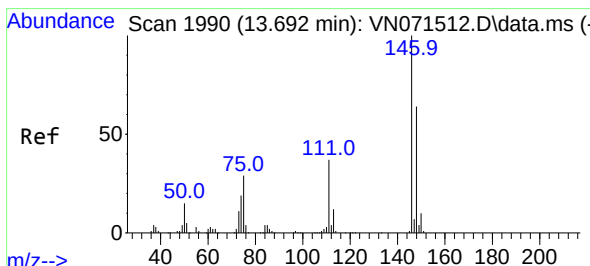
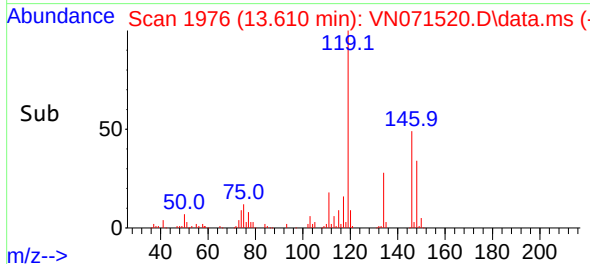
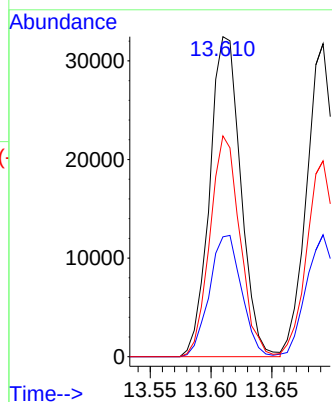
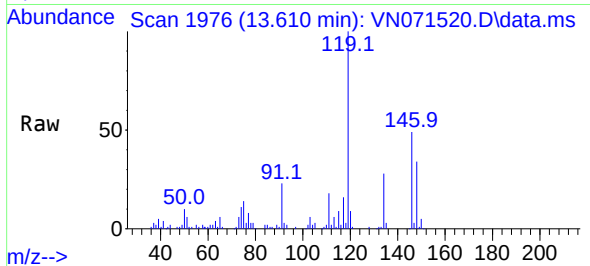
#83
1,3-Dichlorobenzene
Concen: 4.412 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29

Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2022

Tgt Ion:146 Resp: 5770
Ion Ratio Lower Upper
146 100
111 39.1 20.8 62.2
148 66.6 31.4 94.3

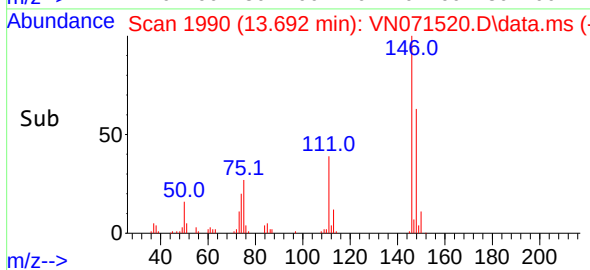
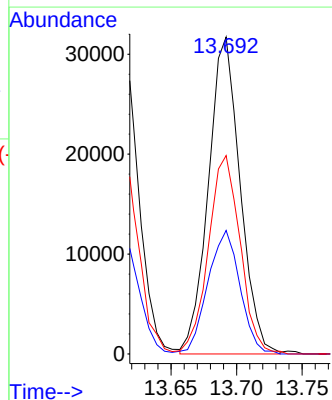
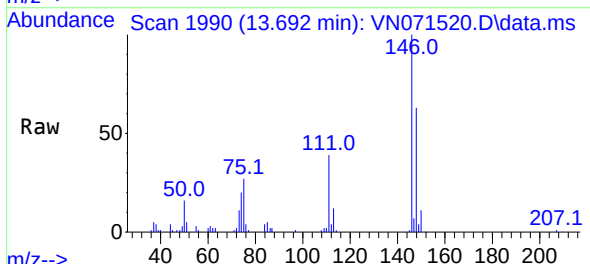
Manual Integrations
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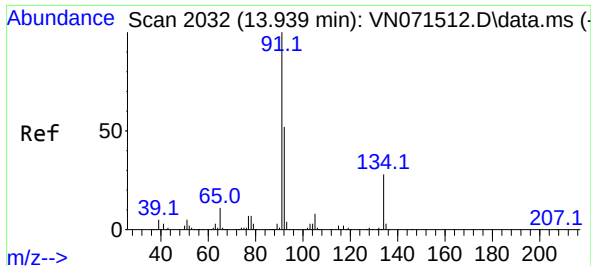
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#84
1,4-Dichlorobenzene
Concen: 4.273 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29

Tgt Ion:146 Resp: 53341
Ion Ratio Lower Upper
146 100
111 39.6 19.5 58.5
148 62.9 31.1 93.5





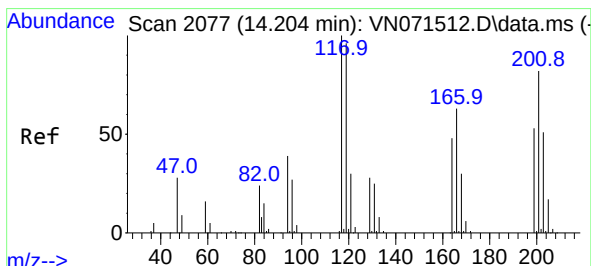
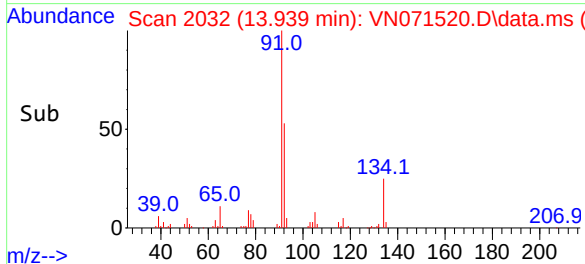
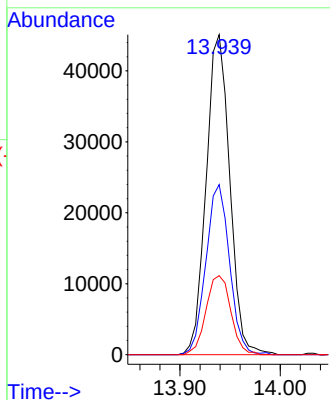
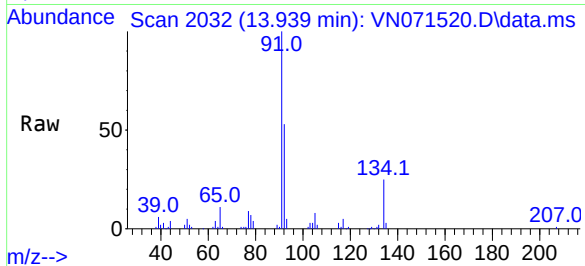
#85
n-Butylbenzene
Concen: 3.850 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29

Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2022

Tgt Ion: 91 Resp: 7404
Ion Ratio Lower Upper
91 100
92 53.1 0.0 100.6
134 25.9 0.0 50.2

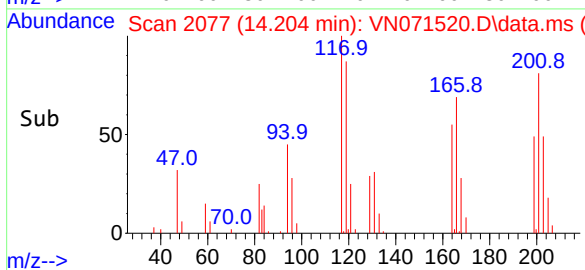
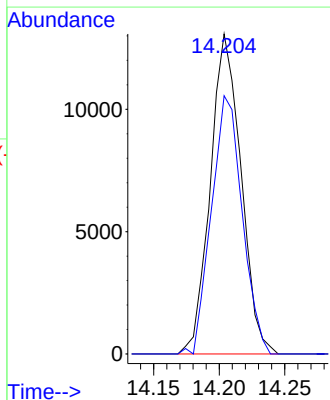
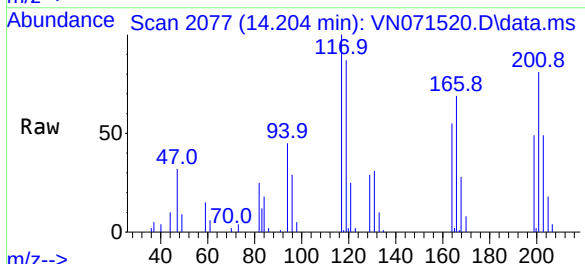
Manual Integrations
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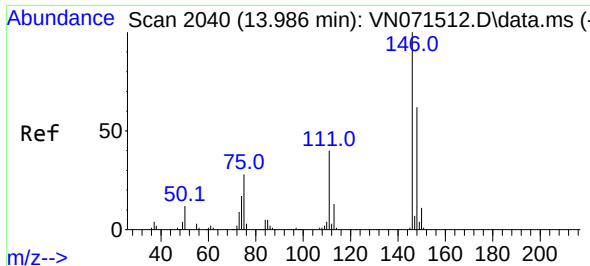
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#86
Hexachloroethane
Concen: 4.398 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29

Tgt Ion:117 Resp: 21266
Ion Ratio Lower Upper
117 100
201 80.5 33.3 99.8





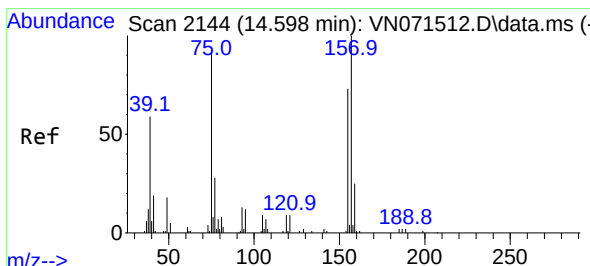
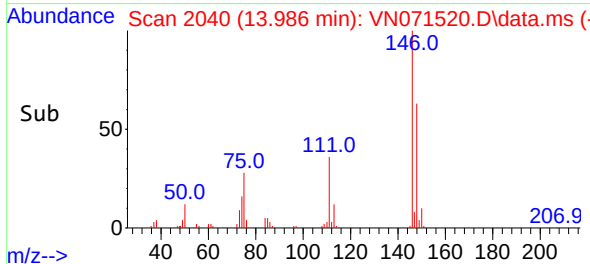
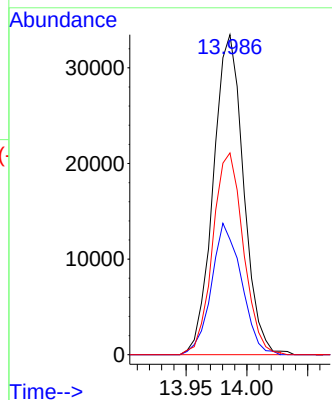
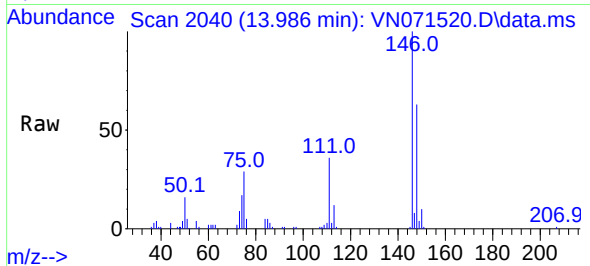
#87
1,2-Dichlorobenzene
Concen: 4.568 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29

Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT1-2022

Tgt Ion:146 Resp: 5776
Ion Ratio Lower Upper
146 100
111 40.9 21.4 64.2
148 64.0 32.5 97.4

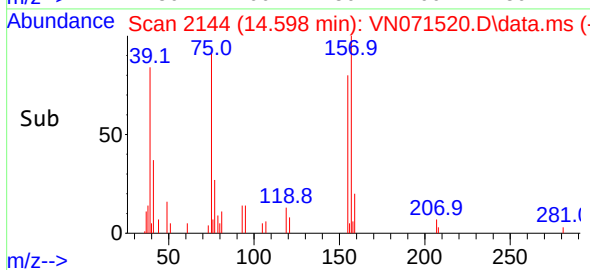
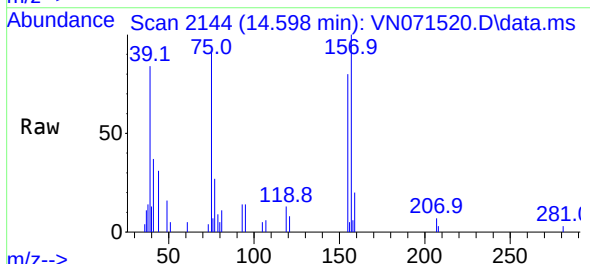
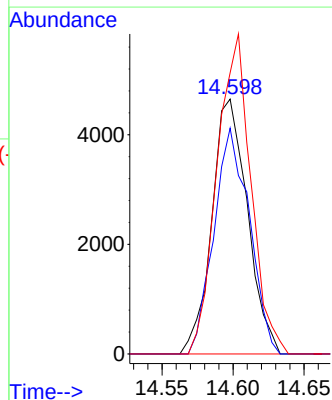
Manual Integrations
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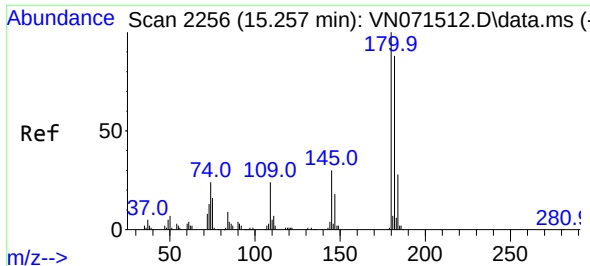
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#88
1,2-Dibromo-3-Chloropropane
Concen: 4.275 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29

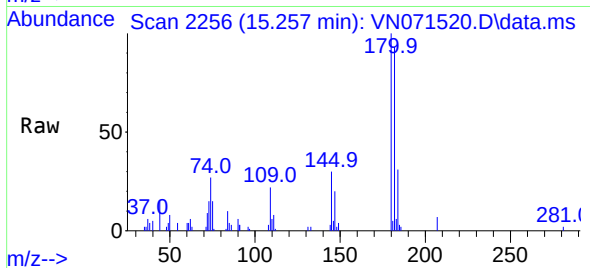
Tgt Ion: 75 Resp: 8110
Ion Ratio Lower Upper
75 100
155 88.0 63.8 95.8
157 119.6 77.9 116.9#





#89
1,2,4-Trichlorobenzene
Concen: 3.284 ug/l
RT: 15.257 min Scan# 2199
Delta R.T. -0.000 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29

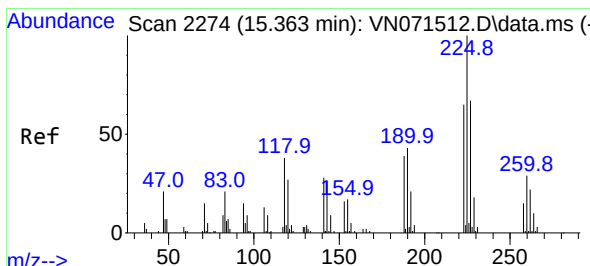
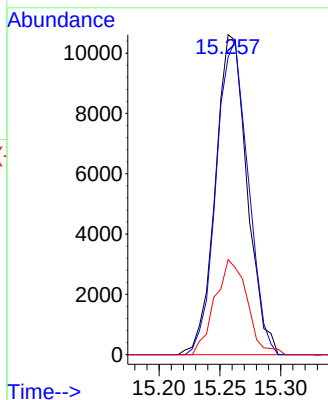
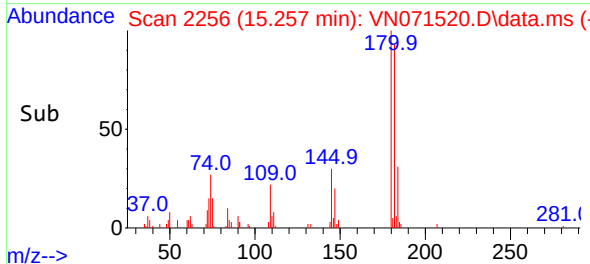
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT1-2022



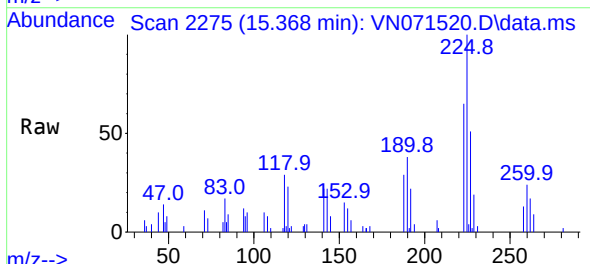
Tgt Ion:180 Resp: 1919
Ion Ratio Lower Upper
180 100
182 98.9 77.7 116.5
145 29.9 26.6 39.8

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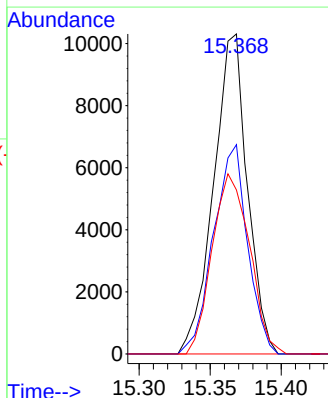
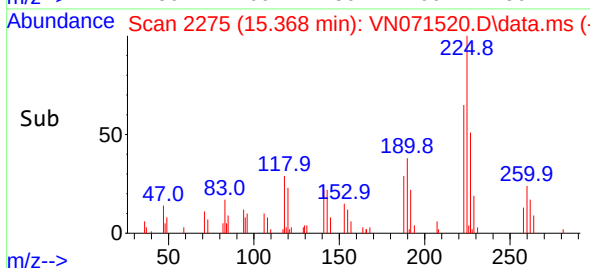
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

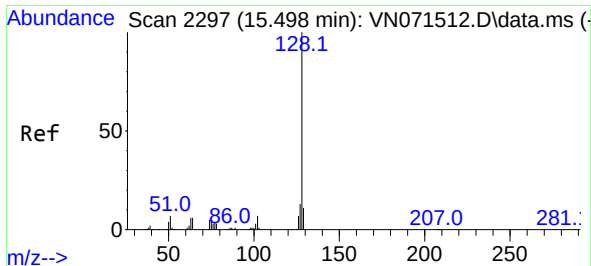


#90
Hexachlorobutadiene
Concen: 4.927 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.006 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29



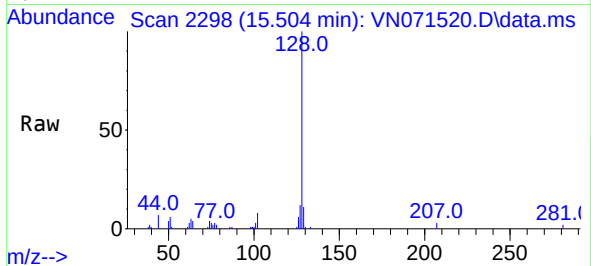
Tgt Ion:225 Resp: 17065
Ion Ratio Lower Upper
225 100
223 65.8 0.0 126.8
227 62.4 0.0 123.0





#91
Naphthalene
Concen: 2.781 ug/l
RT: 15.504 min Scan# 2297
Delta R.T. 0.006 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29

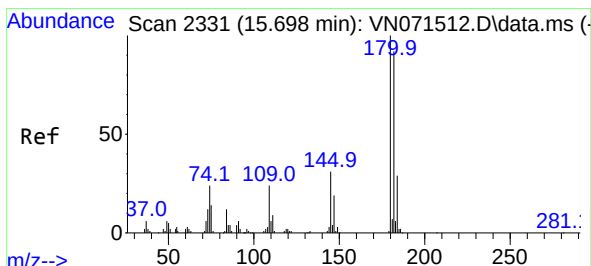
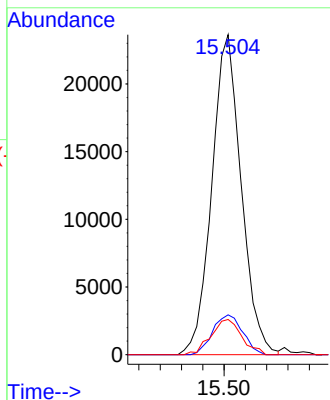
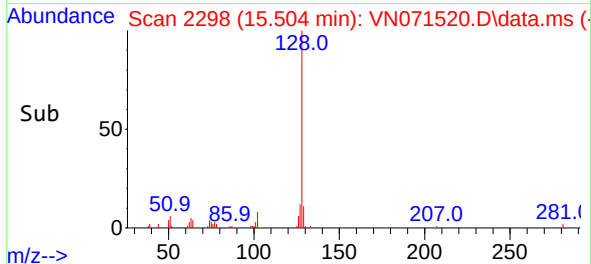
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2022



Tgt Ion:128 Resp: 45190
Ion Ratio Lower Upper
128 100
127 12.7 10.7 16.1
129 11.6 9.0 13.6

Manual Integrations
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Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#92
1,2,3-Trichlorobenzene
Concen: 3.441 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VN071520.D
Acq: 24 Mar 2022 14:29

Tgt Ion:180 Resp: 19727
Ion Ratio Lower Upper
180 100
182 95.2 0.0 190.0
145 30.9 0.0 67.8

