

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032422\
 Data File : VN071519.D
 Acq On : 24 Mar 2022 14:05
 Operator : JC\MD
 Sample : N1645-07 2.5PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2022

Quant Time: Mar 24 14:33:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032422W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 24 12:03:44 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	106925	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	591526	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	508131	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	230857	30.644	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.133%			
60) 4-Bromofluorobenzene	12.727	95	205268	27.244	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 90.800%			
63) Toluene-d8	10.439	98	717588	31.110	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 103.700%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	15632	2.349	ug/l	91
3) Chloromethane	2.299	50	22330	2.847	ug/l	97
4) Vinyl Chloride	2.440	62	22930	2.549	ug/l	96
5) Bromomethane	2.863	94	20395	3.848	ug/l	97
6) Chloroethane	3.022	64	11688	2.029	ug/l	93
7) Trichlorofluoromethane	3.375	101	26752	2.551	ug/l	96
8) Diethyl Ether	3.834	74	11283	2.560	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.204	101	16856m	2.684	ug/l	
10) 1,1-Dichloroethene	4.187	96	16233	2.620	ug/l	96
11) Methyl Iodide	4.428	142	20487	2.257	ug/l	87
12) Methyl Acetate	4.857	43	27148	3.110	ug/l #	87
13) Acrolein	4.045	56	13803	14.862	ug/l	97
14) Acrylonitrile	5.557	53	47704	12.065	ug/l	97
15) Acetone	4.292	58	13415	11.790	ug/l	89
16) Carbon Disulfide	4.534	76	42078	2.609	ug/l	98
17) Allyl chloride	4.840	41	21504	2.140	ug/l	84
18) Methylene Chloride	5.087	84	21349m	2.873	ug/l	
19) trans-1,2-Dichloroethene	5.598	96	17194	2.595	ug/l	95
20) Diisopropyl ether	6.486	45	49873	2.372	ug/l #	95
21) 1,1-Dichloroethane	6.381	63	32593	2.568	ug/l	99
22) cis-1,2-Dichloroethene	7.322	96	20278	2.519	ug/l #	20
23) tert-Butyl Alcohol	5.357	59	16060	11.383	ug/l #	100
24) Methyl tert-Butyl Ether	5.616	73	54845	2.453	ug/l	96
25) Chloroform	7.816	83	34150	2.675	ug/l	92
26) Cyclohexane	8.092	56	26883	2.450	ug/l #	99
29) 1,1-Dichloropropene	8.216	75	23785	2.484	ug/l	98
30) 2-Butanone	7.333	43	63751	11.962	ug/l	100
31) 2,2-Dichloropropane	7.322	77	25695	2.356	ug/l	98
32) 1,1,1-Trichloroethane	8.004	97	28042	2.515	ug/l	94
33) Carbon Tetrachloride	8.204	117	22740	2.409	ug/l	96
34) Benzene	8.457	78	75387	2.534	ug/l #	76
35) Methacrylonitrile	7.628	41	13042	2.551	ug/l	90
36) 1,2-Dichloroethane	8.527	62	27114	2.613	ug/l	97
37) Trichloroethene	9.210	130	20235	2.636	ug/l	93
38) Methylcyclohexane	9.457	83	28894	2.394	ug/l	97
39) 1,2-Dichloropropane	9.486	63	18557	2.493	ug/l	99
40) Dibromomethane	9.574	93	13143	2.609	ug/l	87
41) Bromodichloromethane	9.757	83	23984	2.379	ug/l	93
42) Vinyl Acetate	6.428	43	210511	11.528	ug/l	97

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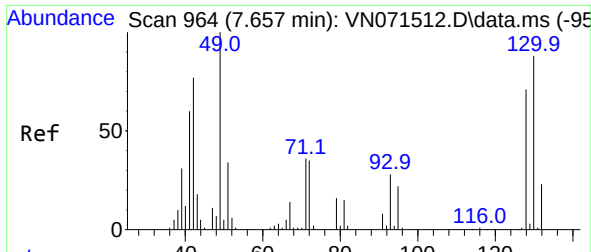
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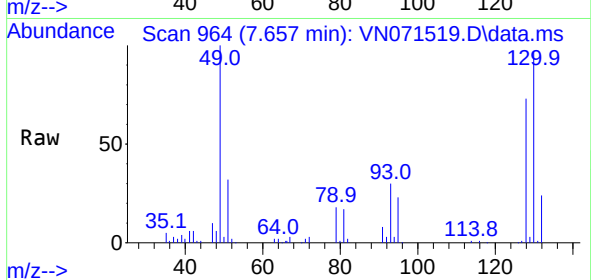
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.410	43	24507	2.371	ug/l #	81
44) Isopropyl Acetate	8.557	43	45862	2.767	ug/l #	89
45) 1,4-Dioxane	9.569	88	7494	44.812	ug/l	90
46) Methyl methacrylate	9.557	41	14928	2.054	ug/l	84
47) n-amyl Acetate	12.386	43	19680	1.779	ug/l #	90
48) t-1,3-Dichloropropene	10.716	75	24521	2.238	ug/l	99
49) cis-1,3-Dichloropropene	10.186	75	27305	2.279	ug/l	93
50) 1,1,2-Trichloroethane	10.892	97	18859	2.504	ug/l	95
51) Ethyl methacrylate	10.757	69	24164	2.078	ug/l	91
52) 1,3-Dichloropropane	11.045	76	32354	2.516	ug/l	99
53) Dibromochloromethane	11.233	129	17729	2.274	ug/l	96
54) 1,2-Dibromoethane	11.339	107	19056	2.460	ug/l	99
55) 2-Chloroethyl vinyl ether	10.039	63	28398	9.064	ug/l	98
56) Bromoform	12.451	173	12703	2.113	ug/l #	99
58) 4-Methyl-2-Pentanone	10.327	43	116958	12.125	ug/l	95
59) 2-Hexanone	11.086	43	81200	11.530	ug/l	94
61) Tetrachloroethene	10.969	164	16783	2.714	ug/l	89
62) Toluene	10.504	91	81147	2.634	ug/l	98
64) Chlorobenzene	11.768	112	50614	2.663	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.839	131	17487	2.508	ug/l	96
66) Ethyl Benzene	11.839	91	78545	2.346	ug/l	95
67) m/p-Xylenes	11.951	106	58290	4.475	ug/l	96
68) o-Xylene	12.280	106	29716	2.295	ug/l	93
69) Styrene	12.292	104	41123	2.018	ug/l	99
70) Isopropylbenzene	12.574	105	70505	2.170	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.821	83	28426	2.688	ug/l	98
72) 1,2,3-Trichloropropane	12.874	75	23635m	2.601	ug/l	
73) Bromobenzene	12.857	156	18553	2.340	ug/l	98
74) n-propylbenzene	12.915	91	74983	2.114	ug/l	98
75) 2-Chlorotoluene	13.004	91	51155	2.308	ug/l	96
76) 1,3,5-Trimethylbenzene	13.057	105	54369	2.086	ug/l	94
77) t-1,4-Dichloro-2-butene	12.615	75	5711	1.790	ug/l	89
78) 4-Chlorotoluene	13.104	91	45537	2.200	ug/l	98
79) tert-butylbenzene	13.315	119	53986	2.295	ug/l	94
80) 1,2,4-Trimethylbenzene	13.362	105	50496	1.996	ug/l #	80
81) sec-Butylbenzene	13.498	105	65834	2.083	ug/l	97
82) p-Isopropyltoluene	13.610	119	47385	1.845	ug/l	97
83) 1,3-Dichlorobenzene	13.610	146	30148	2.324	ug/l	97
84) 1,4-Dichlorobenzene	13.692	146	27974	2.259	ug/l	97
85) n-Butylbenzene	13.939	91	35101	1.840	ug/l	97
86) Hexachloroethane	14.204	117	9917	2.068	ug/l	72
87) 1,2-Dichlorobenzene	13.986	146	29043	2.316	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.598	75	3993	2.122	ug/l	86
89) 1,2,4-Trichlorobenzene	15.256	180	10456	1.804	ug/l	90
90) Hexachlorobutadiene	15.368	225	8374	2.438	ug/l	96
91) Naphthalene	15.504	128	21496	7.839	ug/l	98
92) 1,2,3-Trichlorobenzene	15.698	180	10094	1.775	ug/l	96

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 90
Delta R.T. -0.000 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05

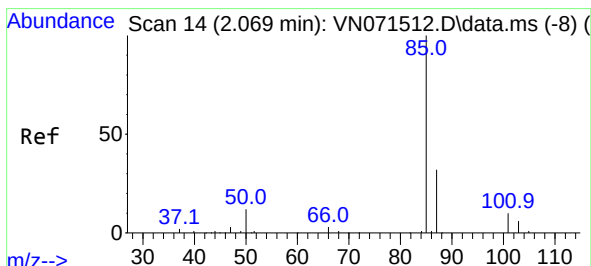
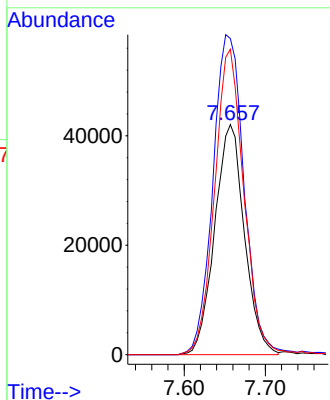
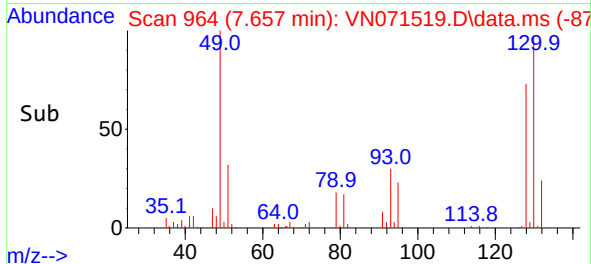
Instrument :
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ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



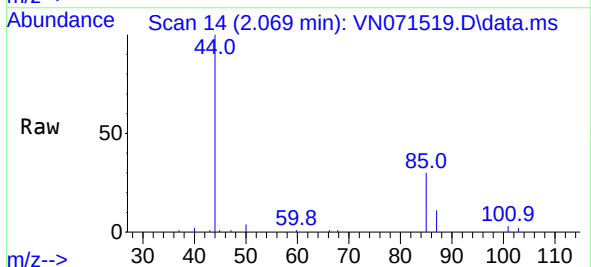
Tgt Ion:128 Resp: 10692
Ion Ratio Lower Upper
128 100
49 146.1 0.0 392.3
130 131.1 0.0 320.2

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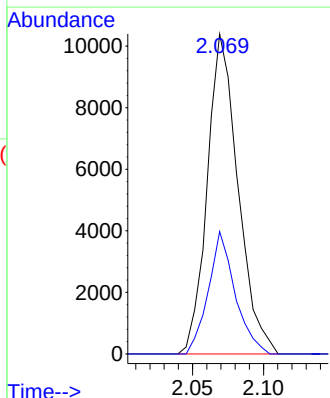
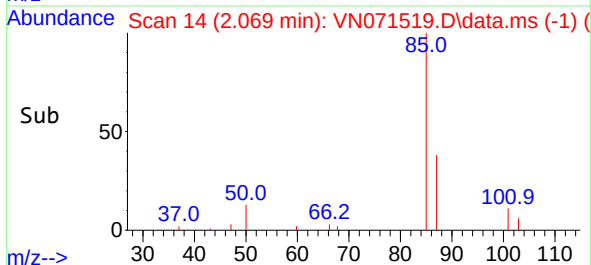
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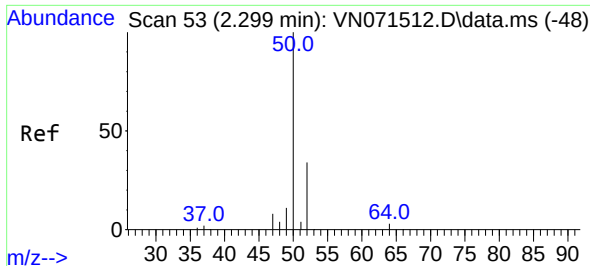


#2
Dichlorodifluoromethane
Concen: 2.349 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05



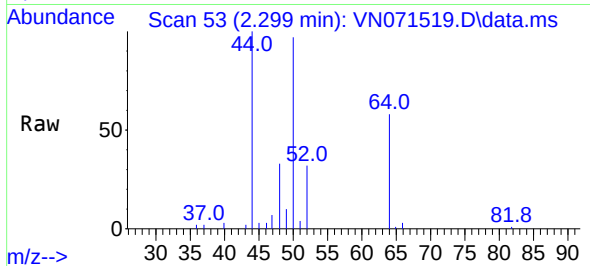
Tgt Ion: 85 Resp: 15632
Ion Ratio Lower Upper
85 100
87 38.3 16.6 49.7





#3
Chloromethane
Concen: 2.847 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05

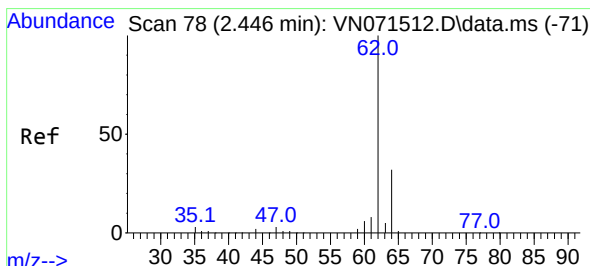
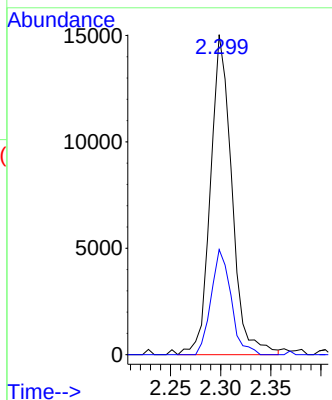
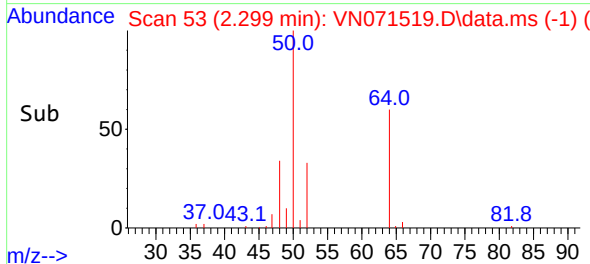
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2022



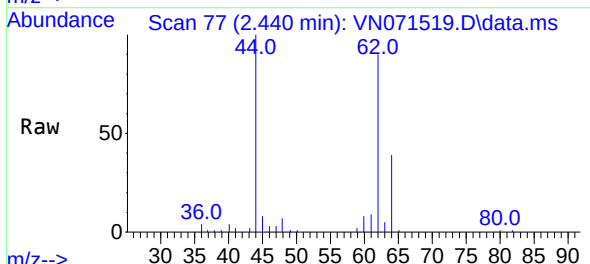
Tgt Ion: 50 Resp: 22330
Ion Ratio Lower Upper
50 100
52 32.9 27.8 41.6

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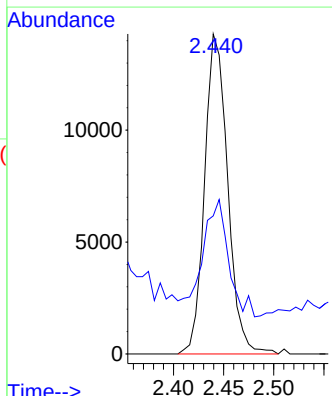
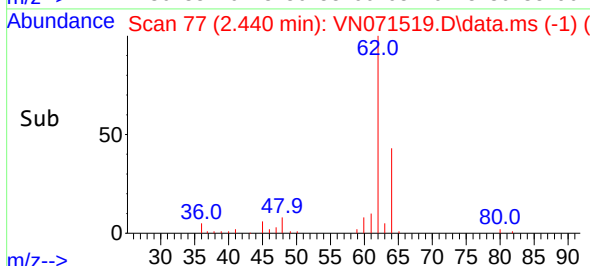
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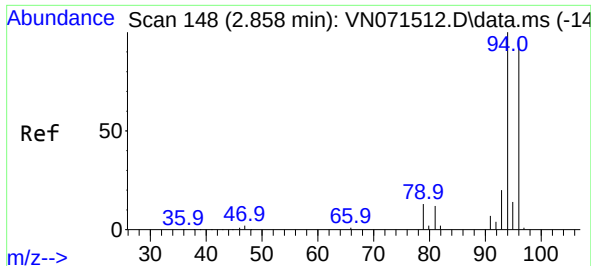


#4
Vinyl Chloride
Concen: 2.549 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.006 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05



Tgt Ion: 62 Resp: 22930
Ion Ratio Lower Upper
62 100
64 29.3 25.1 37.7





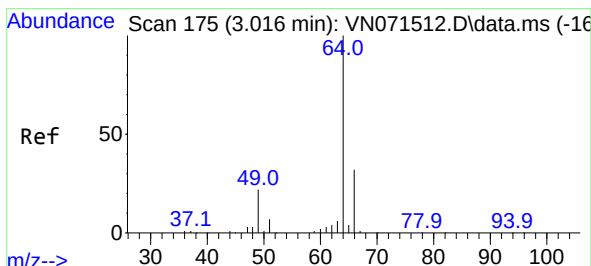
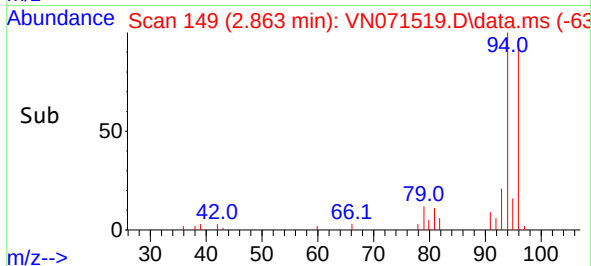
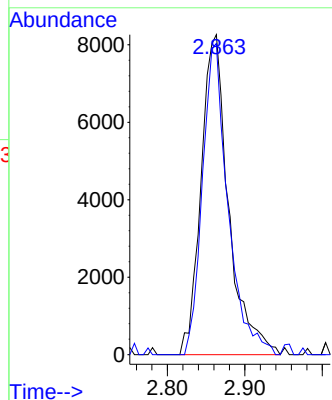
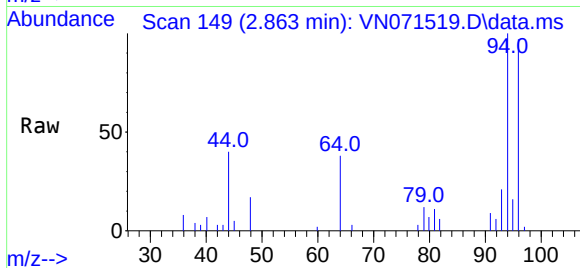
#5
Bromomethane
Concen: 3.848 ug/l
RT: 2.863 min Scan# 148
Delta R.T. 0.006 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05

Instrument :
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LOD-MDL-WATER-01-QT1-2022

Tgt Ion: 94 Resp: 2039
Ion Ratio Lower Upper
94 100
96 97.3 75.2 112.8

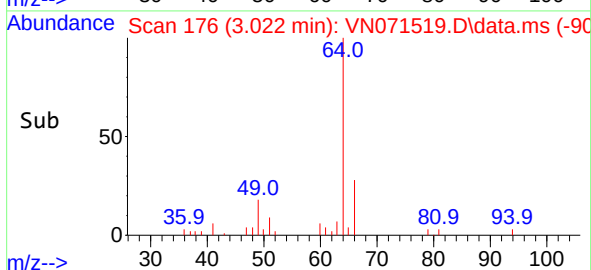
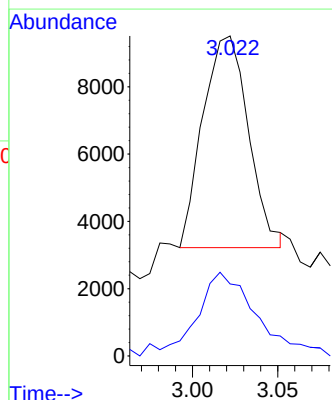
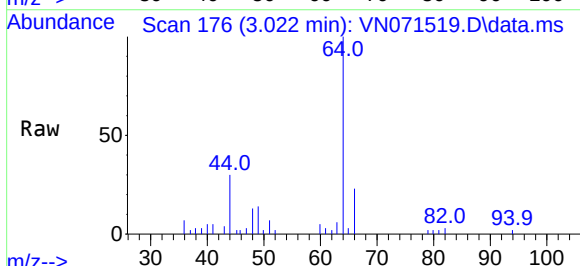
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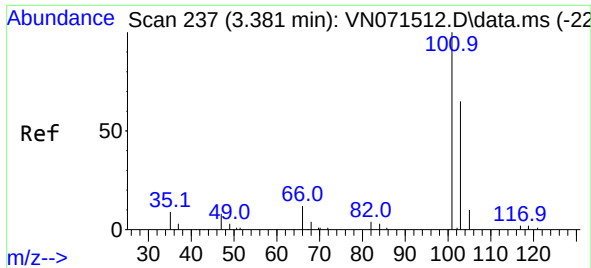
Reviewed By :John Carlone 03/25/2022
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#6
Chloroethane
Concen: 2.029 ug/l
RT: 3.022 min Scan# 176
Delta R.T. 0.006 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05

Tgt Ion: 64 Resp: 11688
Ion Ratio Lower Upper
64 100
66 26.9 24.6 36.8





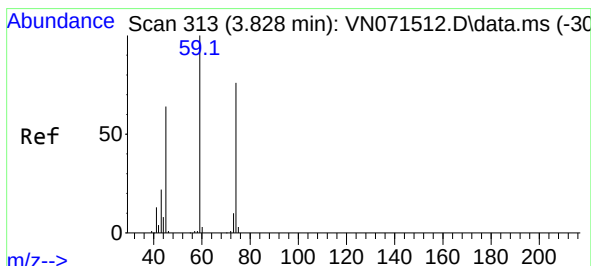
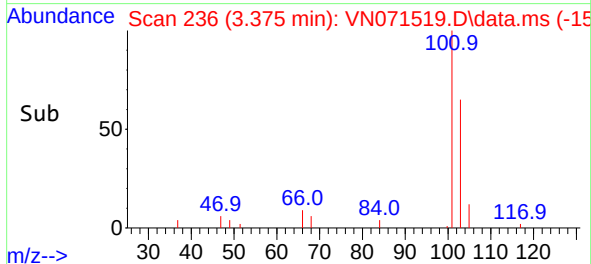
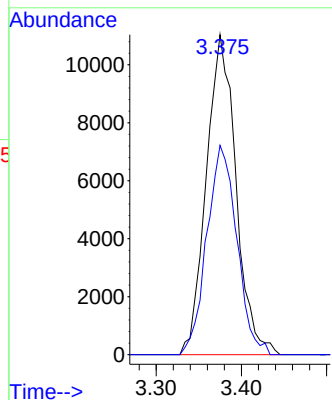
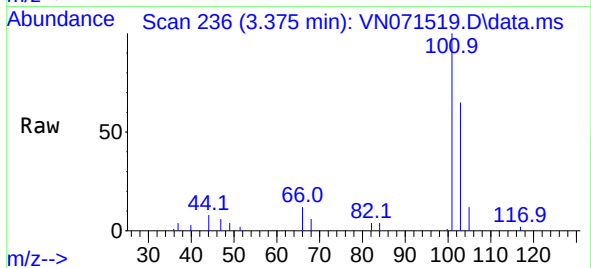
#7
 Trichlorofluoromethane
 Concen: 2.551 ug/l
 RT: 3.375 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN071519.D
 Acq: 24 Mar 2022 14:05

Instrument :
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Tgt Ion:101 Resp: 2675
 Ion Ratio Lower Upper
 101 100
 103 65.4 50.1 75.1

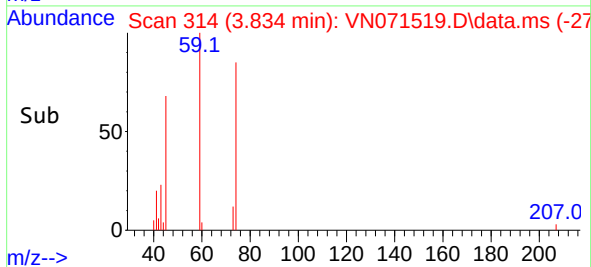
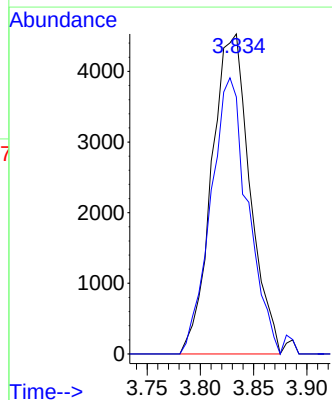
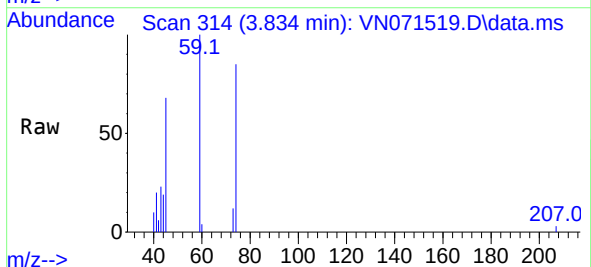
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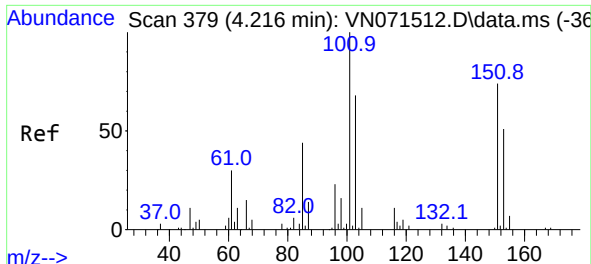
Reviewed By :John Carlone 03/25/2022
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#8
 Diethyl Ether
 Concen: 2.560 ug/l
 RT: 3.834 min Scan# 314
 Delta R.T. 0.006 min
 Lab File: VN071519.D
 Acq: 24 Mar 2022 14:05

Tgt Ion: 74 Resp: 11283
 Ion Ratio Lower Upper
 74 100
 45 84.0 17.6 158.8





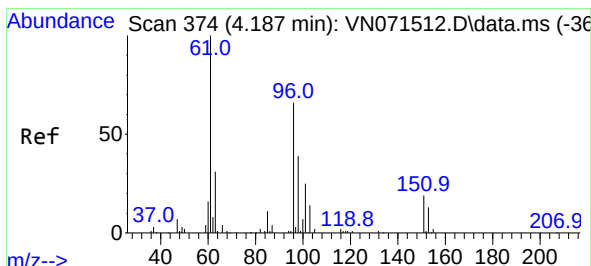
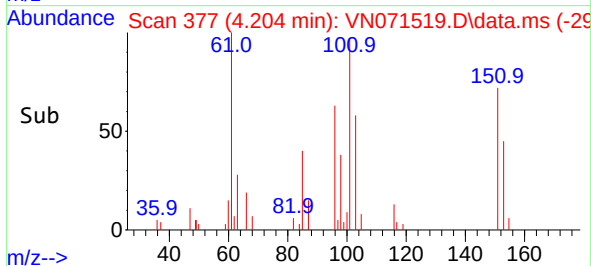
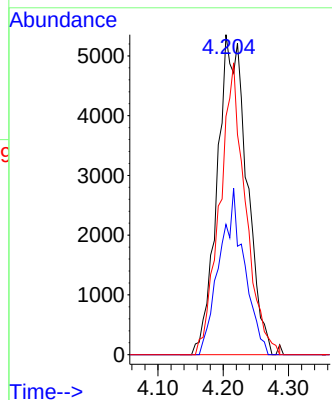
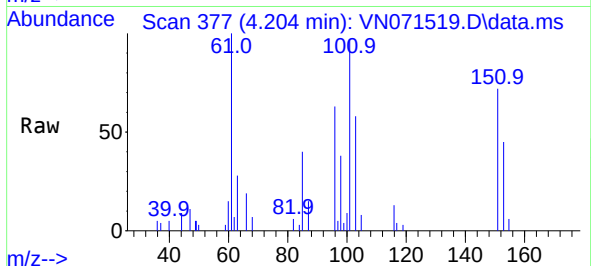
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.684 ug/l m
RT: 4.204 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05

Instrument :
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ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

Tgt Ion:101 Resp: 1685
Ion Ratio Lower Upper
101 100
85 21.0 0.0 94.0
151 0.0 0.0 74.6

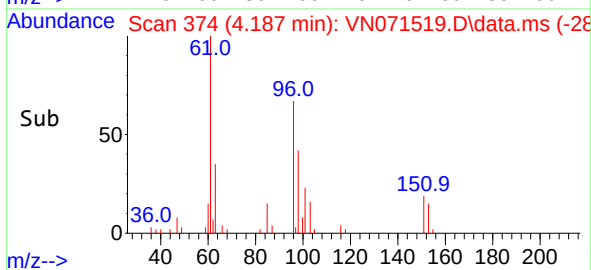
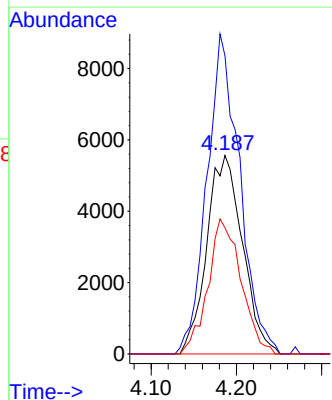
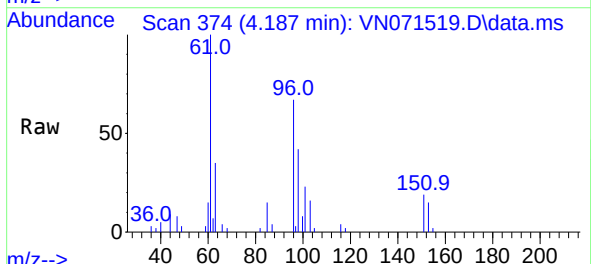
Manual Integrations
APPROVED

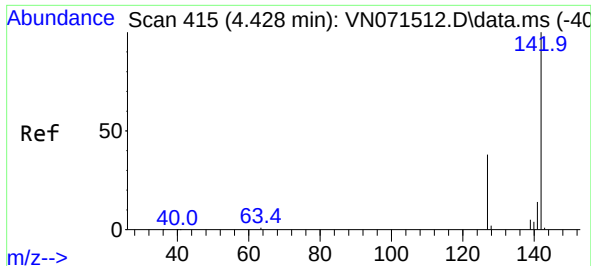
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#10
1,1-Dichloroethene
Concen: 2.620 ug/l
RT: 4.187 min Scan# 374
Delta R.T. -0.000 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05

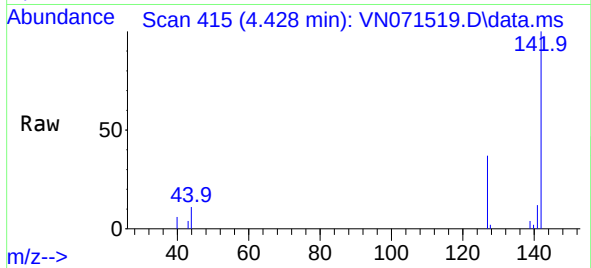
Tgt Ion: 96 Resp: 16233
Ion Ratio Lower Upper
96 100
61 150.1 126.2 189.4
98 63.5 50.9 76.3





#11
Methyl Iodide
Concen: 2.257 ug/l
RT: 4.428 min Scan# 415
Delta R.T. -0.000 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05

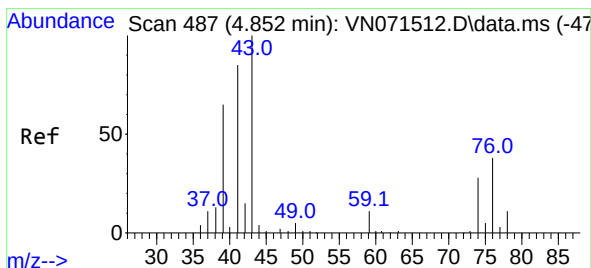
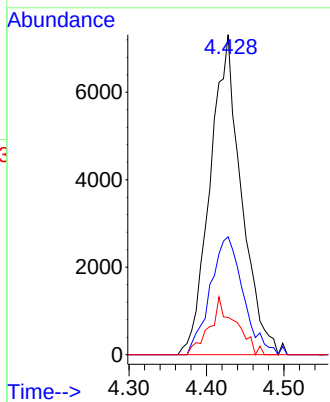
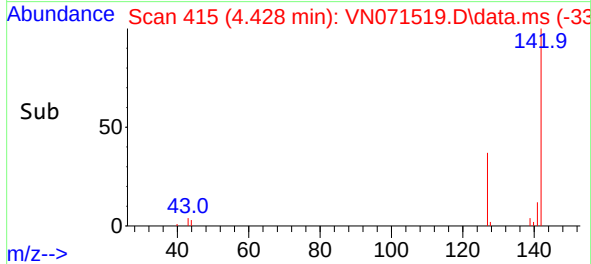
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



Tgt Ion:142 Resp: 2048
Ion Ratio Lower Upper
142 100
127 39.1 24.0 72.0
141 11.7 8.4 25.2

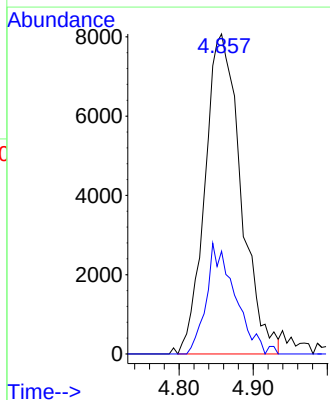
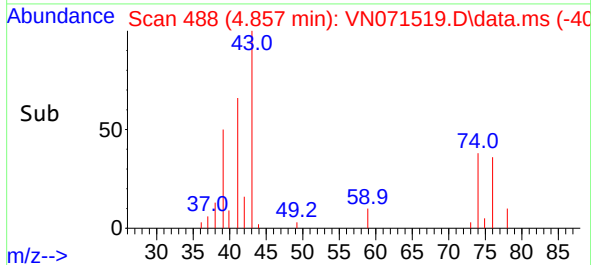
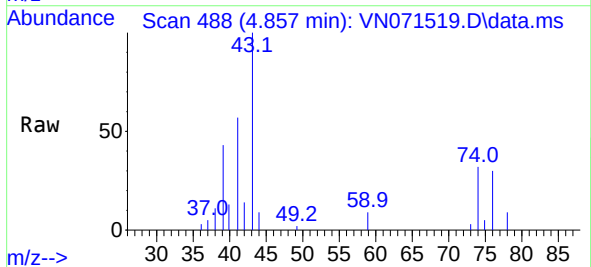
Manual Integrations
APPROVED

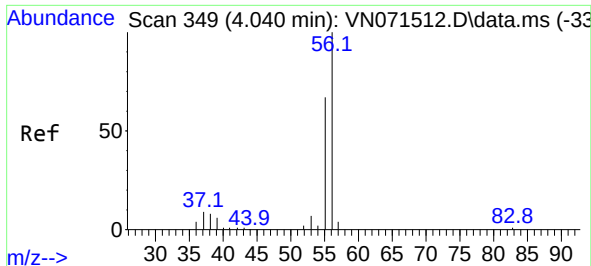
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#12
Methyl Acetate
Concen: 3.110 ug/l
RT: 4.857 min Scan# 488
Delta R.T. 0.006 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05

Tgt Ion: 43 Resp: 27148
Ion Ratio Lower Upper
43 100
74 32.8 20.8 31.2#





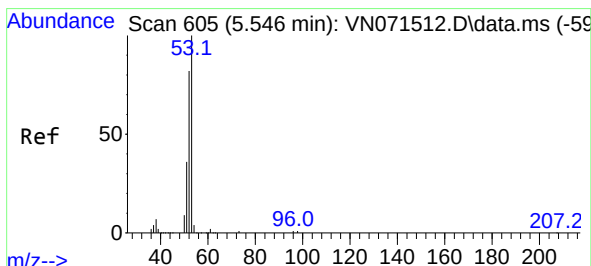
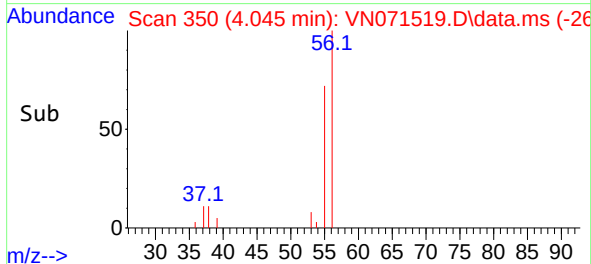
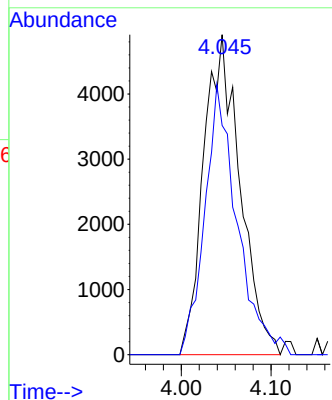
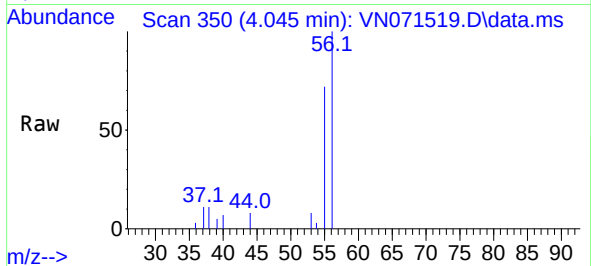
#13
Acrolein
Concen: 14.862 ug/l
RT: 4.045 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

Tgt Ion: 56 Resp: 1380
Ion Ratio Lower Upper
56 100
55 74.2 57.6 86.4

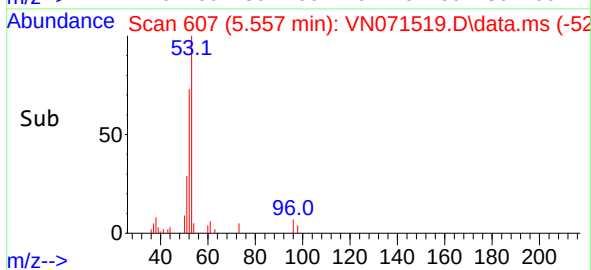
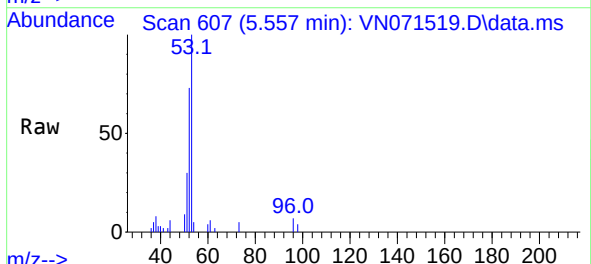
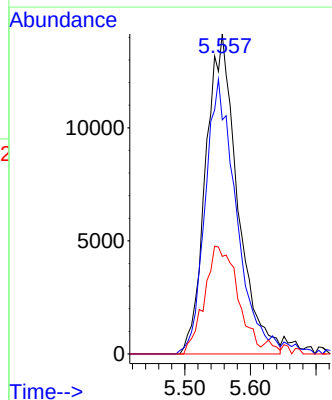
Manual Integrations
APPROVED

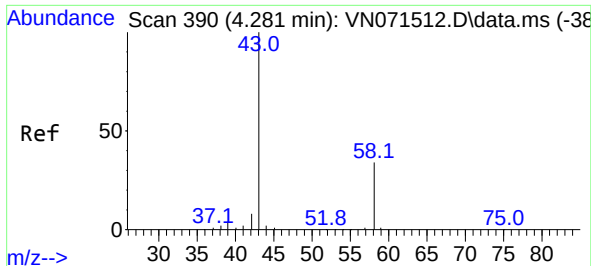
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#14
Acrylonitrile
Concen: 12.065 ug/l
RT: 5.557 min Scan# 607
Delta R.T. 0.011 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05

Tgt Ion: 53 Resp: 47704
Ion Ratio Lower Upper
53 100
52 82.9 41.8 125.4
51 33.9 19.0 57.0





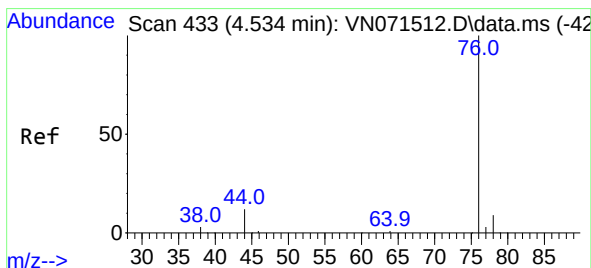
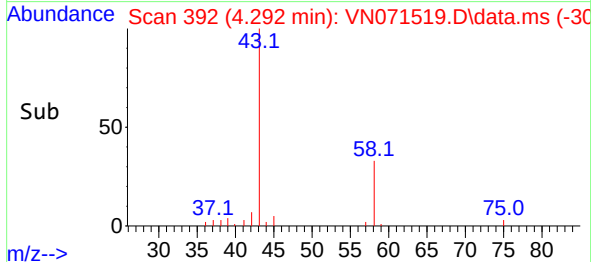
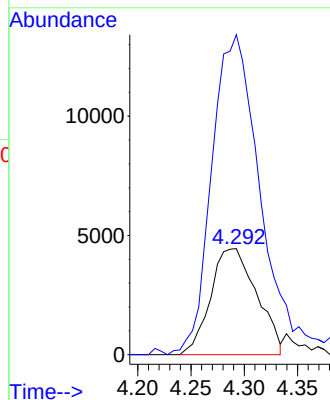
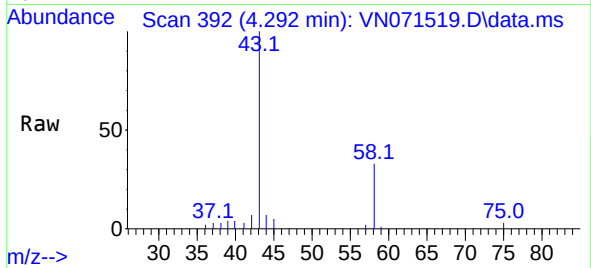
#15
Acetone
Concen: 11.790 ug/l
RT: 4.292 min Scan# 390
Delta R.T. 0.012 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

Tgt Ion: 58 Resp: 1341
Ion Ratio Lower Upper
58 100
43 297.3 256.6 384.8

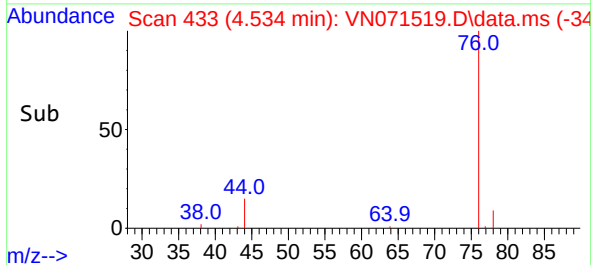
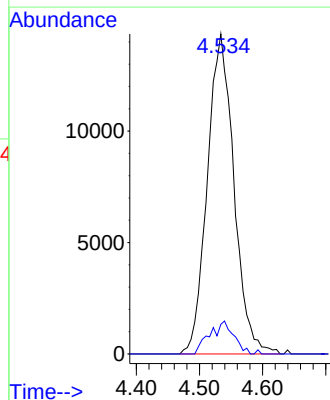
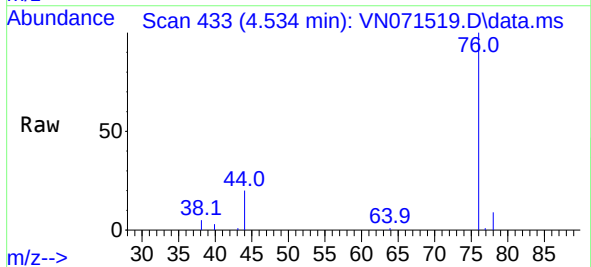
Manual Integrations
APPROVED

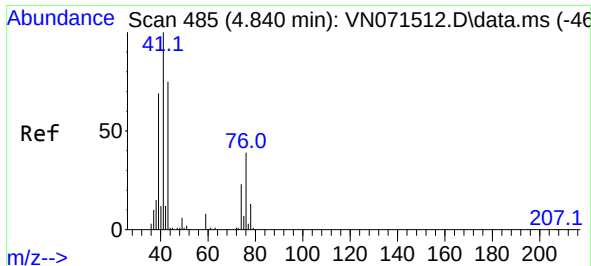
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#16
Carbon Disulfide
Concen: 2.609 ug/l
RT: 4.534 min Scan# 433
Delta R.T. -0.000 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05

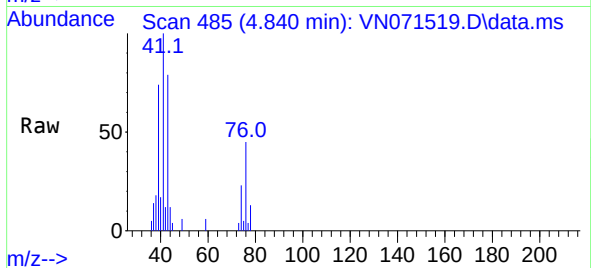
Tgt Ion: 76 Resp: 42078
Ion Ratio Lower Upper
76 100
78 9.2 7.8 11.8





#17
Allyl chloride
Concen: 2.140 ug/l
RT: 4.840 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05

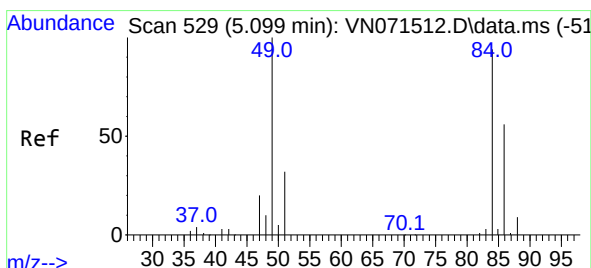
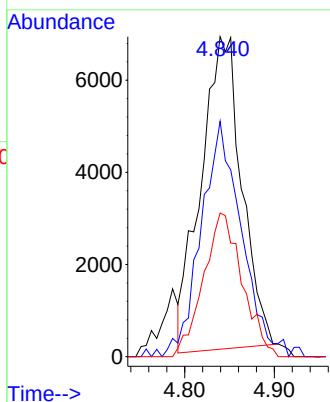
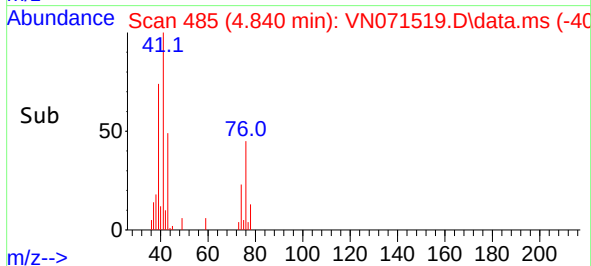
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



Tgt Ion: 41 Resp: 21504
Ion Ratio Lower Upper
41 100
39 72.2 44.6 134.0
76 46.7 19.6 58.7

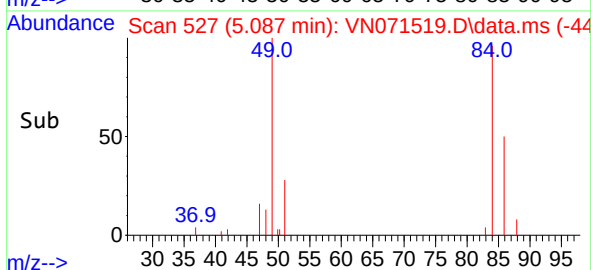
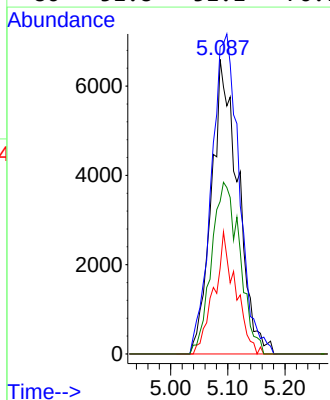
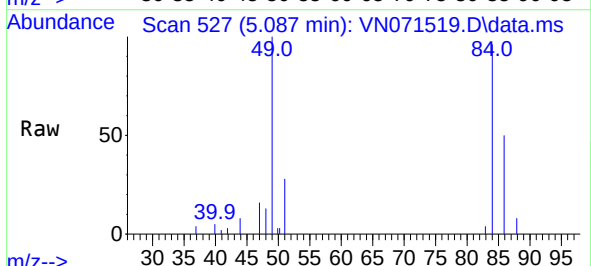
Manual Integrations
APPROVED

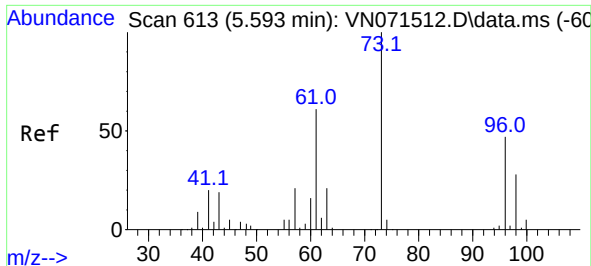
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#18
Methylene Chloride
Concen: 2.873 ug/l m
RT: 5.087 min Scan# 527
Delta R.T. -0.012 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05

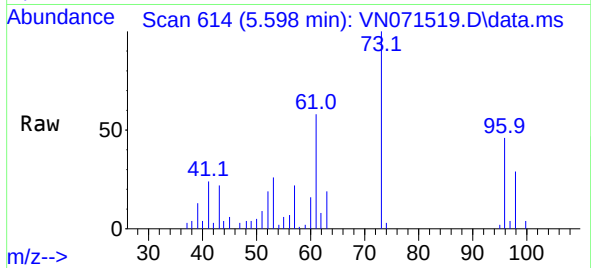
Tgt Ion: 84 Resp: 21349
Ion Ratio Lower Upper
84 100
49 104.3 91.4 137.0
51 29.1 29.4 44.0#
86 51.8 51.1 76.7





#19
trans-1,2-Dichloroethene
Concen: 2.595 ug/l
RT: 5.598 min Scan# 613
Delta R.T. 0.006 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05

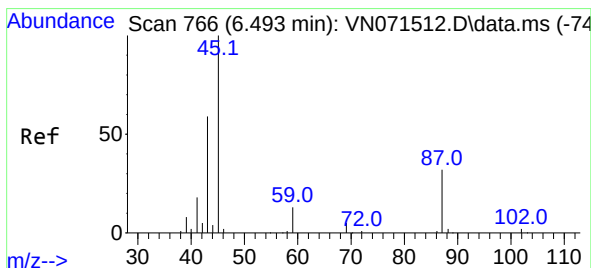
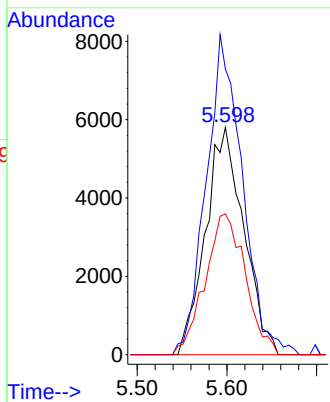
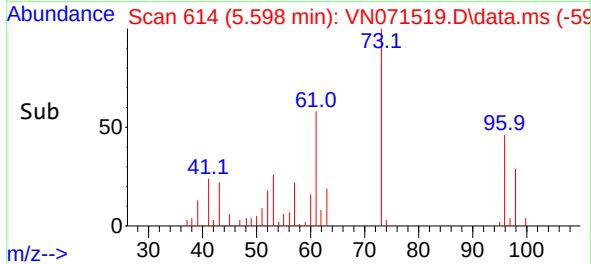
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



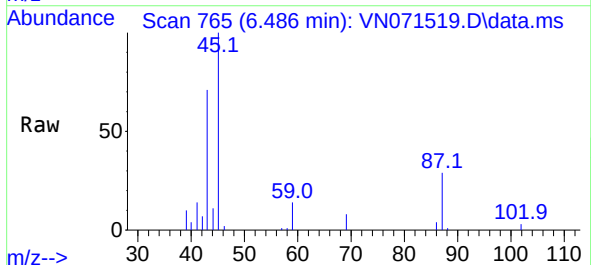
Tgt Ion: 96 Resp: 17194
Ion Ratio Lower Upper
96 100
61 120.8 102.8 154.2
98 61.9 49.3 73.9

Manual Integrations
APPROVED

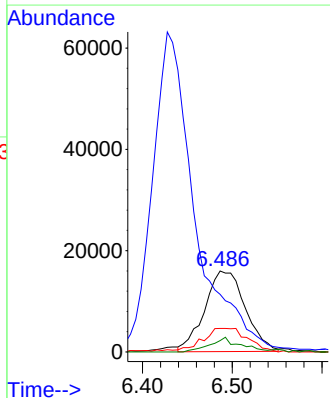
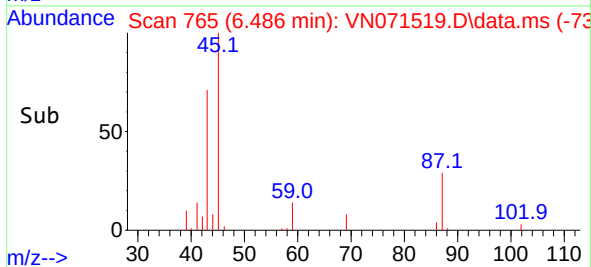
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

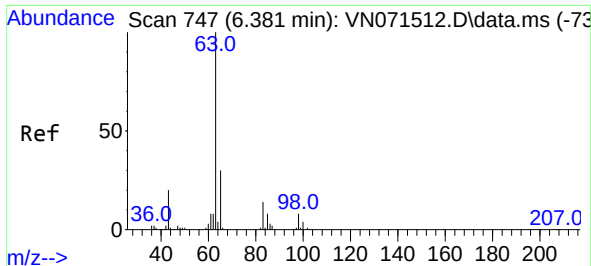


#20
Diisopropyl ether
Concen: 2.372 ug/l
RT: 6.486 min Scan# 765
Delta R.T. -0.006 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05



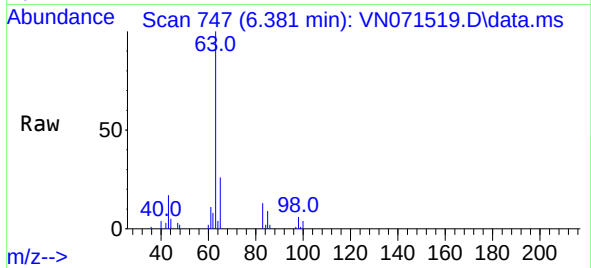
Tgt Ion: 45 Resp: 49873
Ion Ratio Lower Upper
45 100
43 68.0 51.0 76.4
87 30.2 25.0 37.4
59 14.5 8.7 13.1#





#21
1,1-Dichloroethane
Concen: 2.568 ug/l
RT: 6.381 min Scan# 747
Delta R.T. -0.000 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05

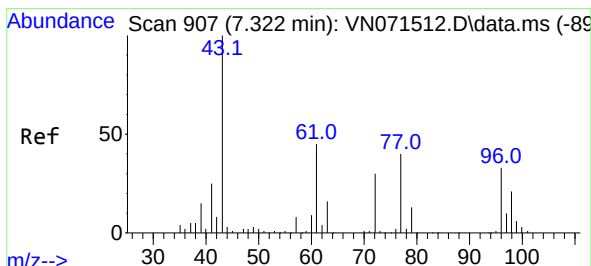
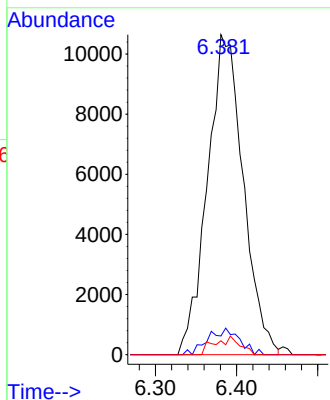
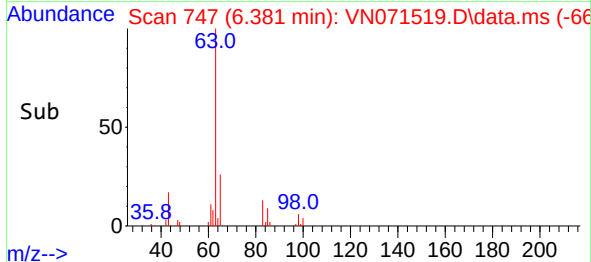
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



Tgt Ion: 63 Resp: 3259
Ion Ratio Lower Upper
63 100
98 5.9 3.2 9.6
100 4.4 2.1 6.2

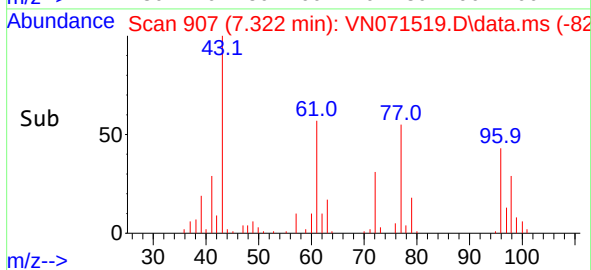
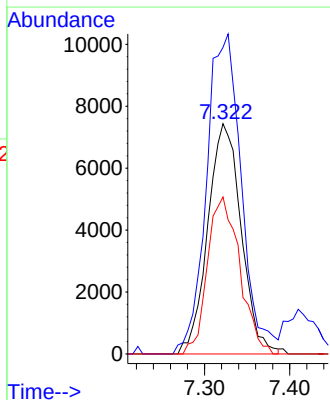
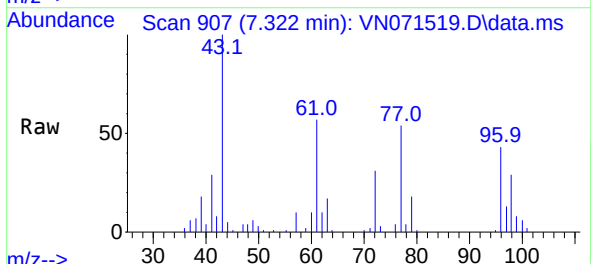
Manual Integrations
APPROVED

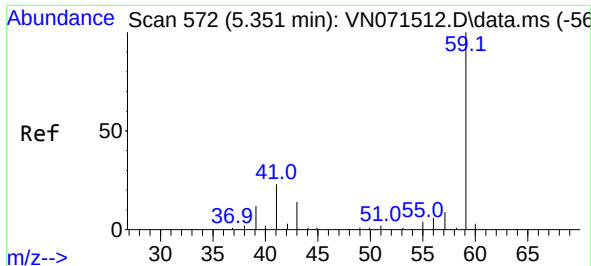
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#22
cis-1,2-Dichloroethene
Concen: 2.519 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05

Tgt Ion: 96 Resp: 20278
Ion Ratio Lower Upper
96 100
61 2.2 115.7 173.5#
98 65.9 51.6 77.4





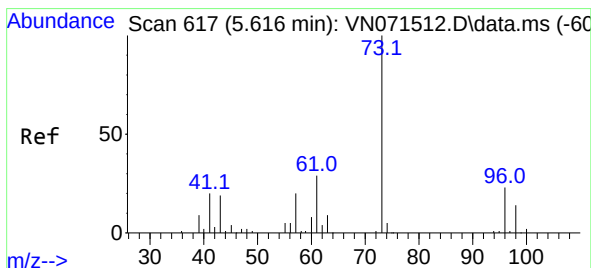
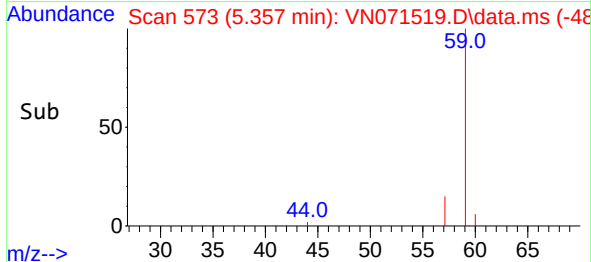
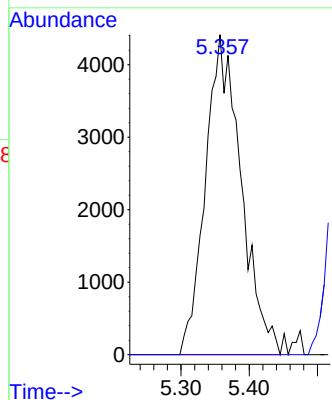
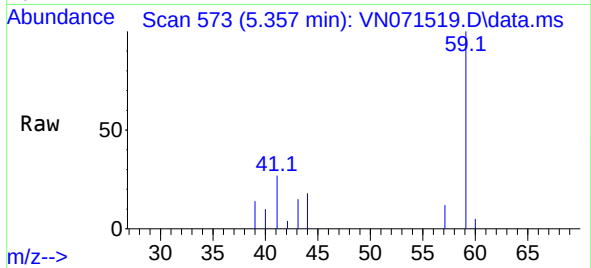
#23
tert-Butyl Alcohol
Concen: 11.383 ug/l
RT: 5.357 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

Tgt Ion: 59 Resp: 16060
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

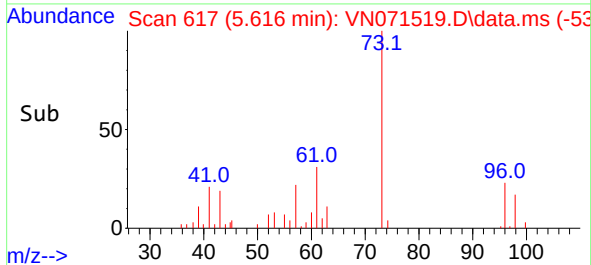
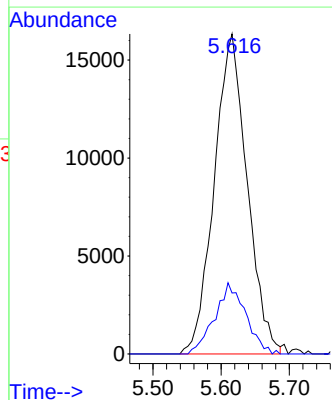
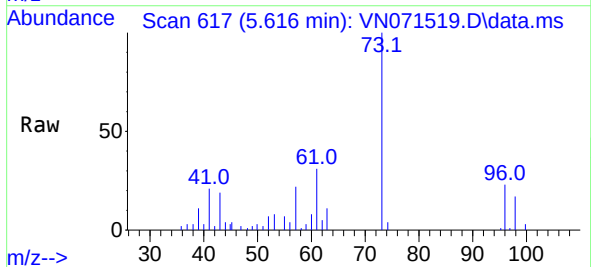
Manual Integrations
APPROVED

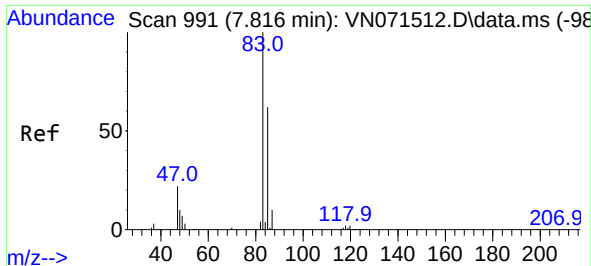
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#24
Methyl tert-Butyl Ether
Concen: 2.453 ug/l
RT: 5.616 min Scan# 617
Delta R.T. -0.000 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05

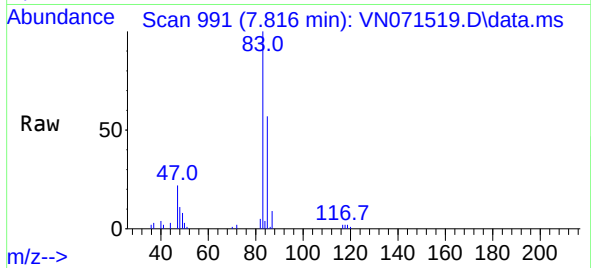
Tgt Ion: 73 Resp: 54845
Ion Ratio Lower Upper
73 100
43 20.8 18.1 27.1





#25
Chloroform
Concen: 2.675 ug/l
RT: 7.816 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05

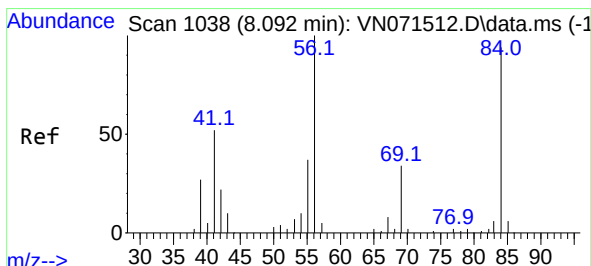
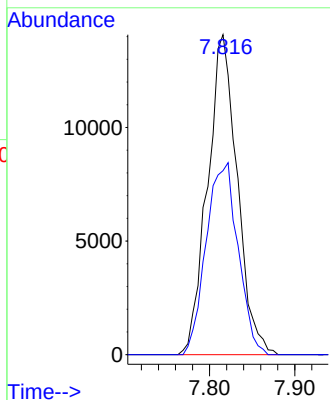
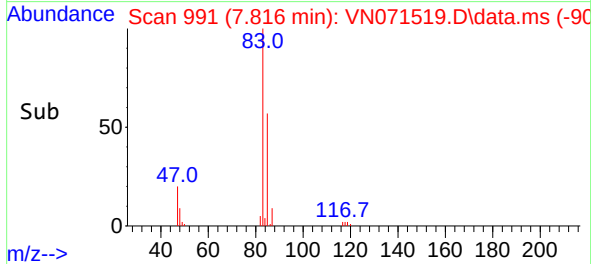
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2022



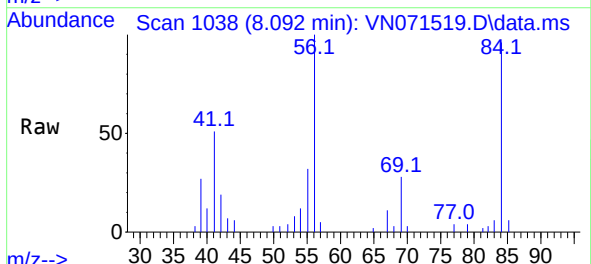
Tgt Ion: 83 Resp: 34150
Ion Ratio Lower Upper
83 100
85 57.5 51.3 76.9

Manual Integrations
APPROVED

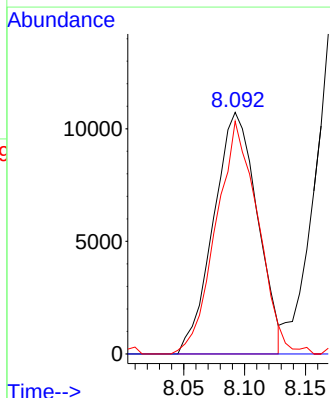
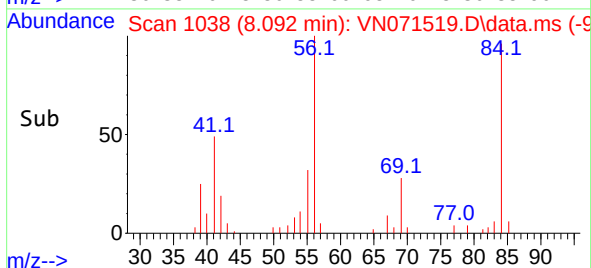
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

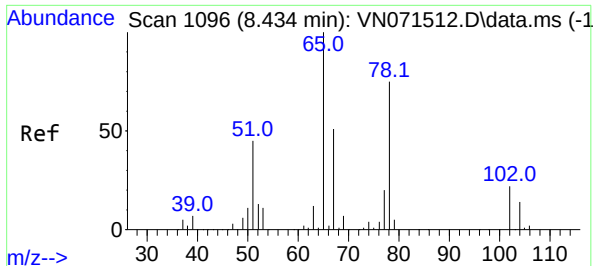


#26
Cyclohexane
Concen: 2.450 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05



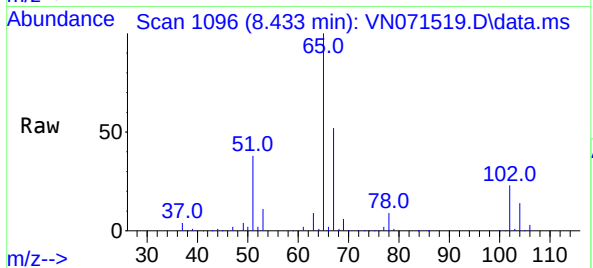
Tgt Ion: 56 Resp: 26883
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 92.0 74.6 111.8





#27
1,2-Dichloroethane-d4
Concen: 30.644 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05

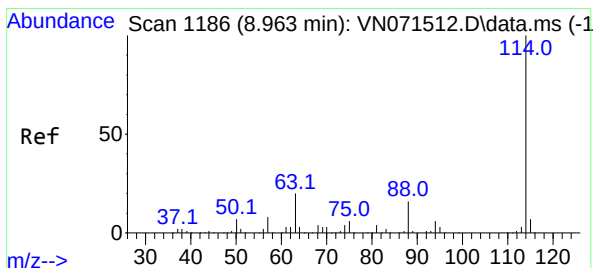
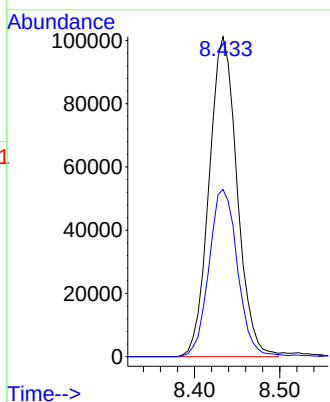
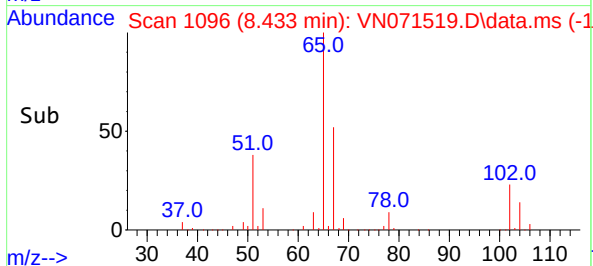
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



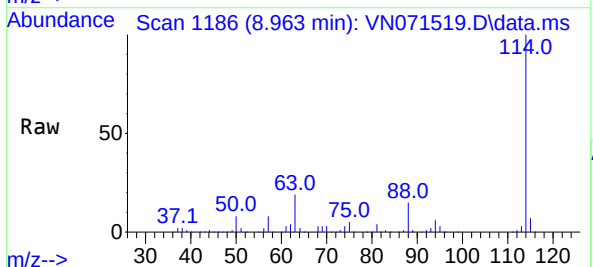
Tgt Ion: 65 Resp: 23085
Ion Ratio Lower Upper
65 100
67 53.2 40.2 60.2

Manual Integrations
APPROVED

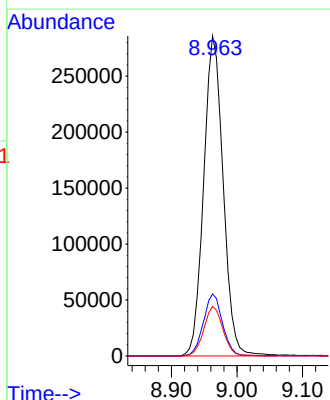
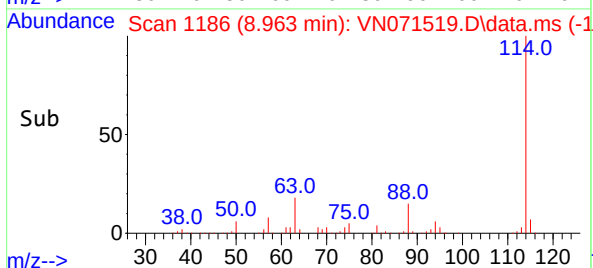
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

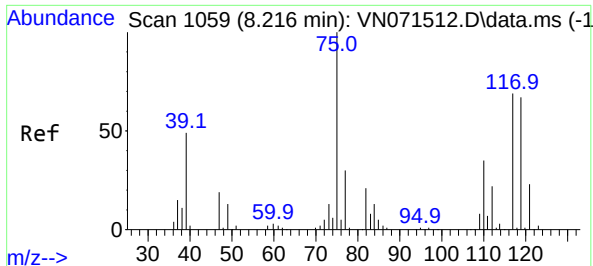


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05



Tgt Ion:114 Resp: 591526
Ion Ratio Lower Upper
114 100
63 19.1 15.8 23.6
88 15.1 11.6 17.4





#29
1,1-Dichloropropene
Concen: 2.484 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05

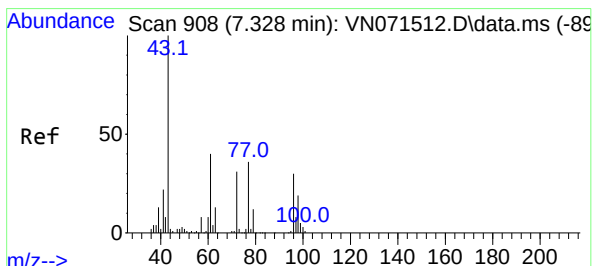
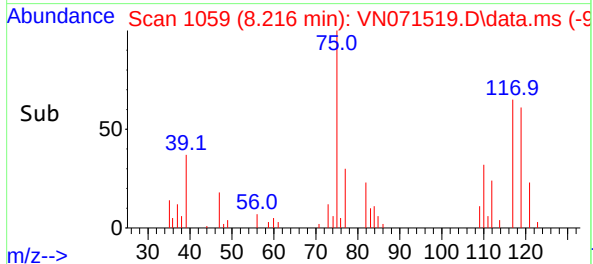
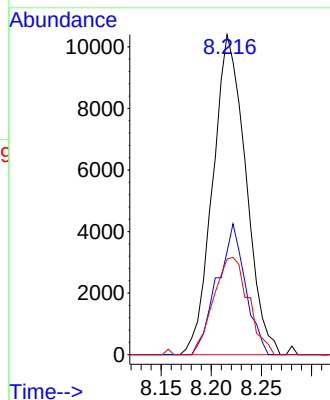
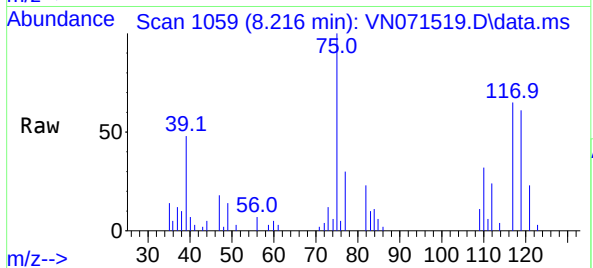
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2022

Tgt Ion: 75 Resp: 2378

Ion	Ratio	Lower	Upper
75	100		
110	35.0	0.0	74.2
77	32.0	0.0	63.2

Manual Integrations
APPROVED

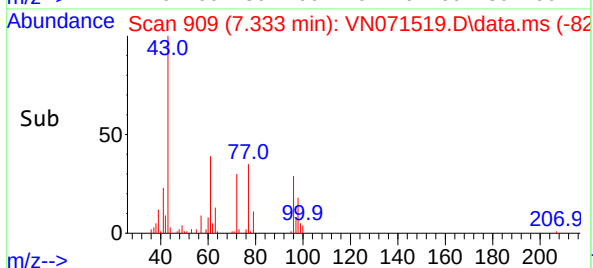
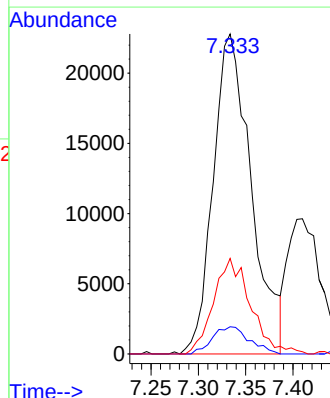
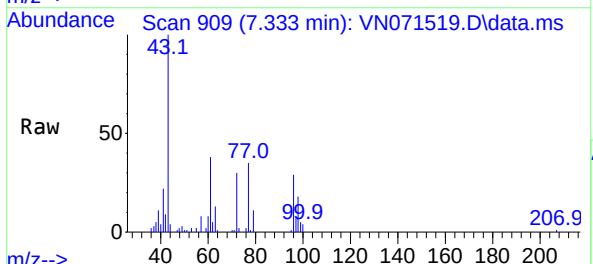
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

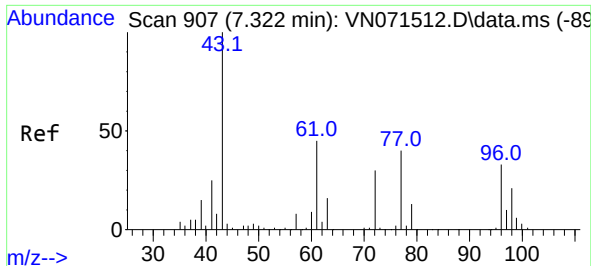


#30
2-Butanone
Concen: 11.962 ug/l
RT: 7.333 min Scan# 909
Delta R.T. 0.006 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05

Tgt Ion: 43 Resp: 63751

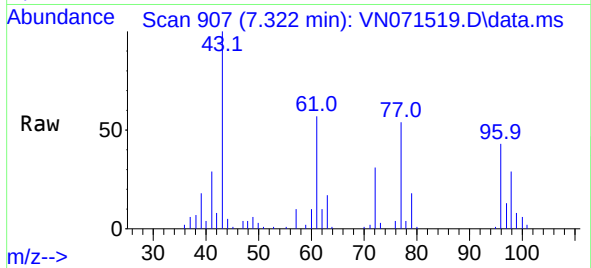
Ion	Ratio	Lower	Upper
43	100		
57	8.3	6.7	10.1
72	29.0	23.2	34.8





#31
2,2-Dichloropropane
Concen: 2.356 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05

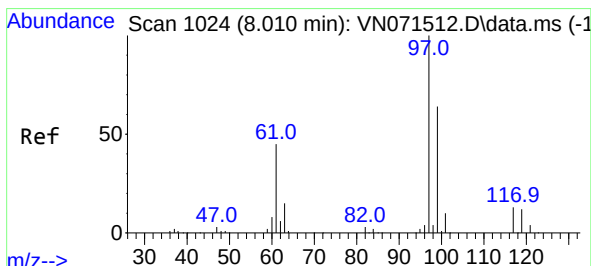
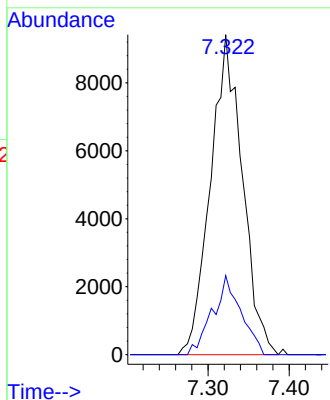
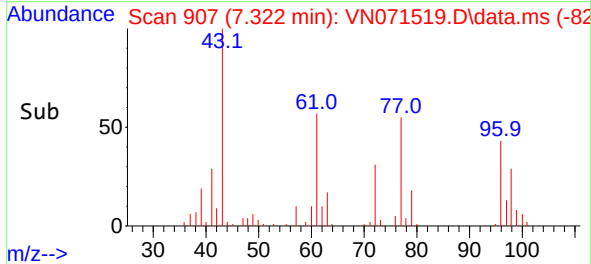
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



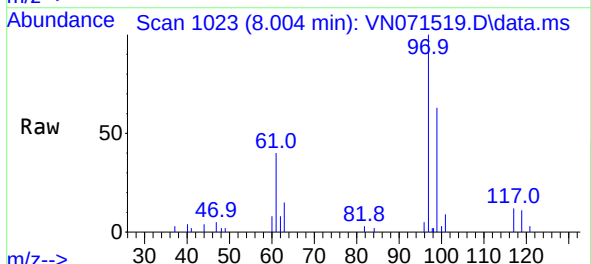
Tgt Ion: 77 Resp: 2569
Ion Ratio Lower Upper
77 100
97 21.9 18.3 27.5

Manual Integrations
APPROVED

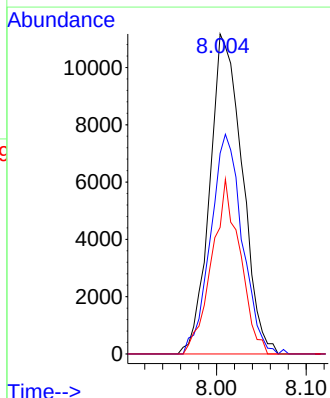
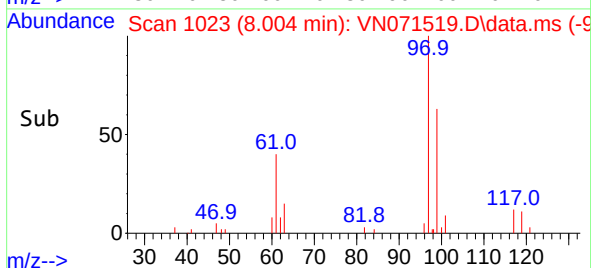
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

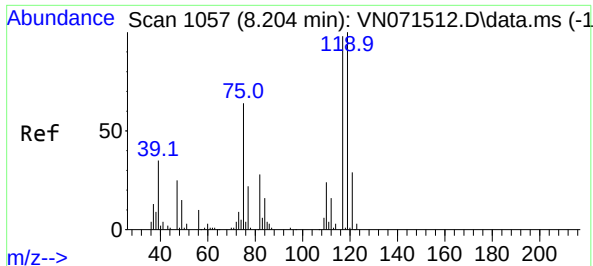


#32
1,1,1-Trichloroethane
Concen: 2.515 ug/l
RT: 8.004 min Scan# 1023
Delta R.T. -0.006 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05



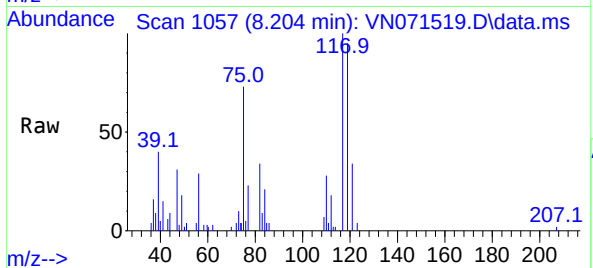
Tgt Ion: 97 Resp: 28042
Ion Ratio Lower Upper
97 100
99 67.1 50.4 75.6
61 47.6 34.6 51.8





#33
Carbon Tetrachloride
Concen: 2.409 ug/l
RT: 8.204 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05

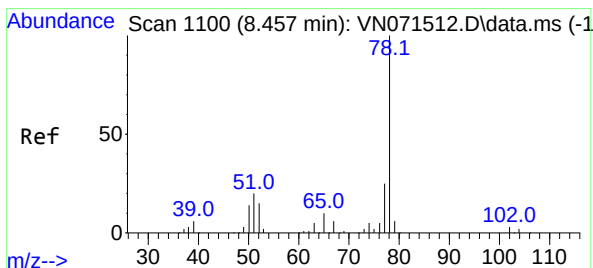
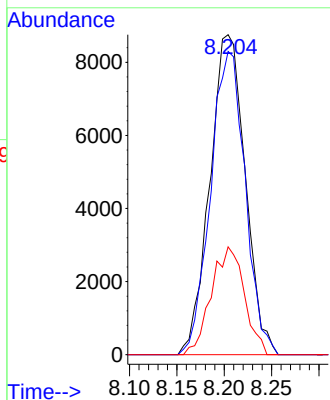
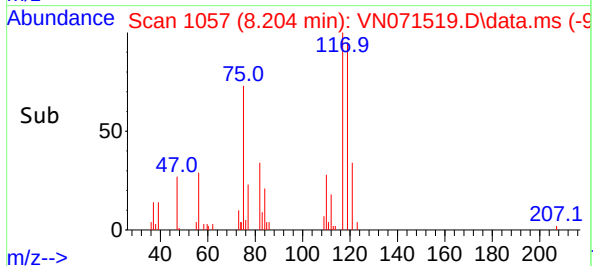
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



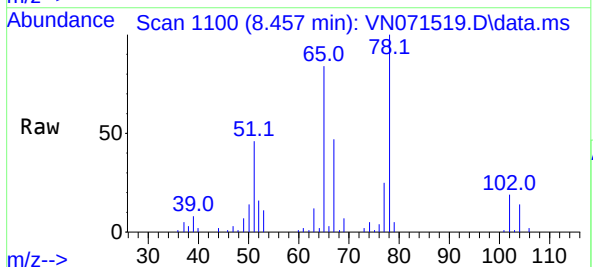
Tgt Ion: 117 Resp: 22740
Ion Ratio Lower Upper
117 100
119 94.7 77.5 116.3
121 33.7 23.5 35.3

Manual Integrations
APPROVED

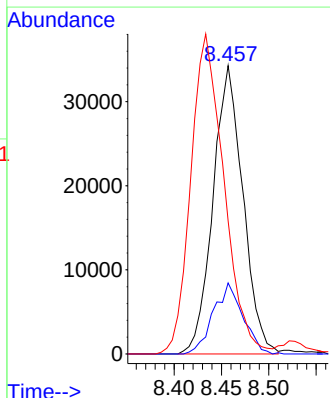
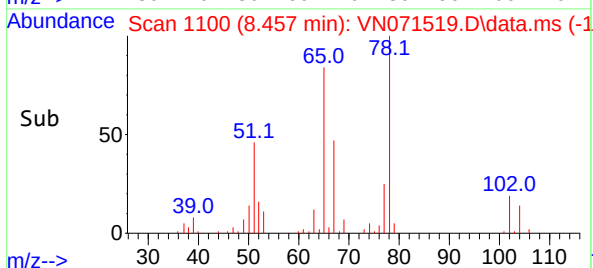
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

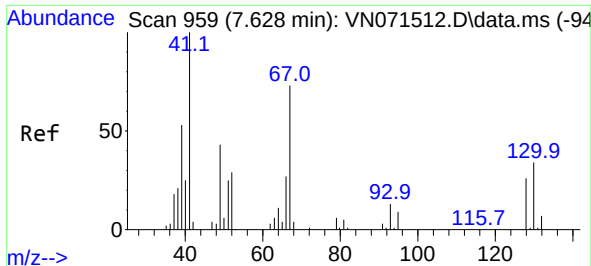


#34
Benzene
Concen: 2.534 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05



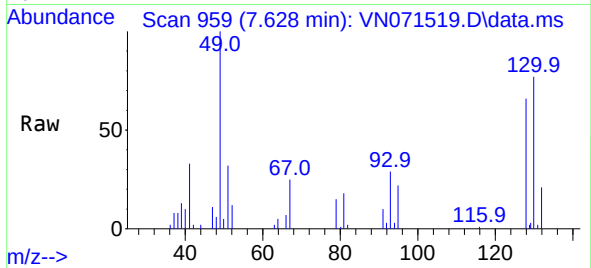
Tgt Ion: 78 Resp: 75387
Ion Ratio Lower Upper
78 100
77 24.7 19.1 28.7
51 43.4 16.0 24.0#





#35
Methacrylonitrile
Concen: 2.551 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05

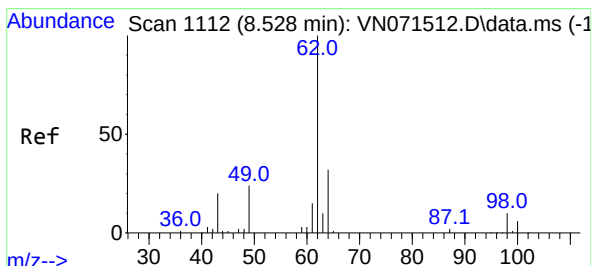
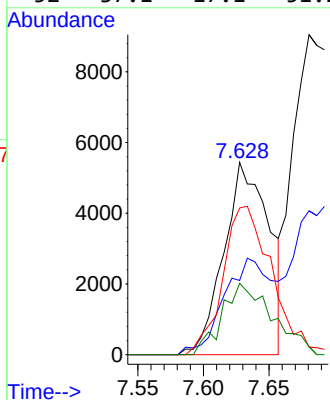
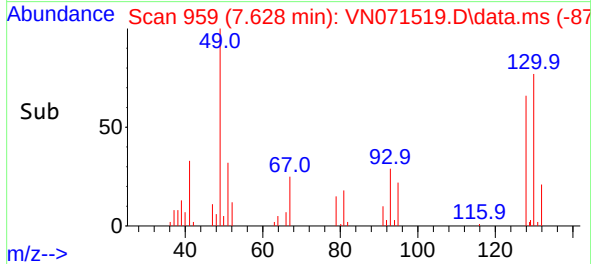
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



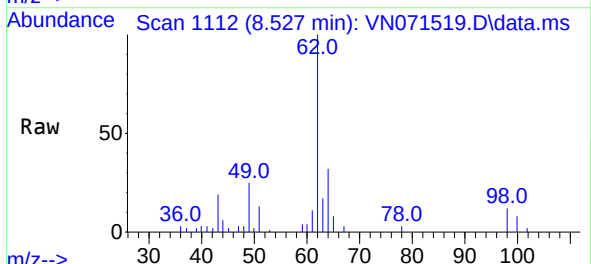
Tgt Ion: 41 Resp: 1304
Ion Ratio Lower Upper
41 100
39 38.7 28.0 83.9
67 76.4 37.7 113.1
52 37.1 17.1 51.2

Manual Integrations
APPROVED

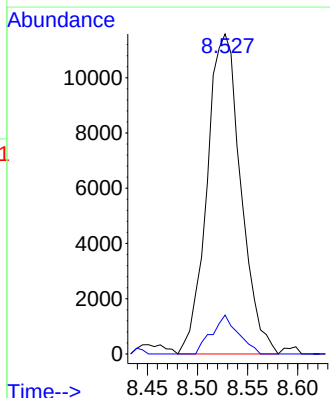
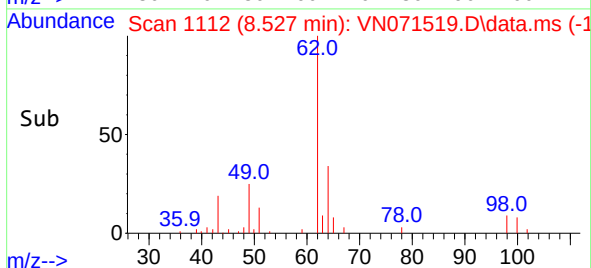
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

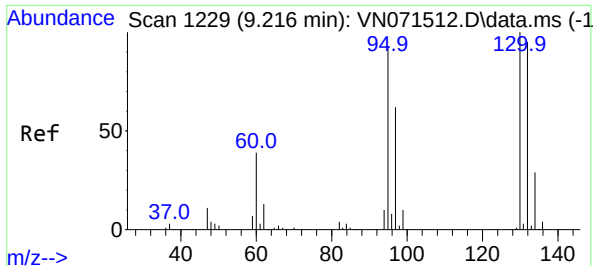


#36
1,2-Dichloroethane
Concen: 2.613 ug/l
RT: 8.527 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05



Tgt Ion: 62 Resp: 27114
Ion Ratio Lower Upper
62 100
98 9.5 6.6 10.0





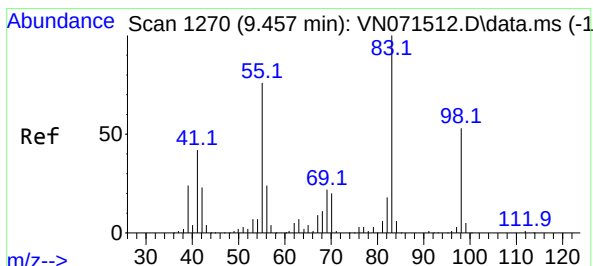
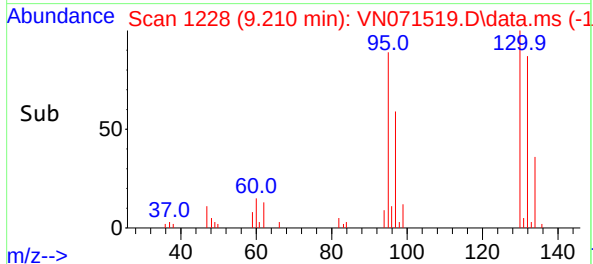
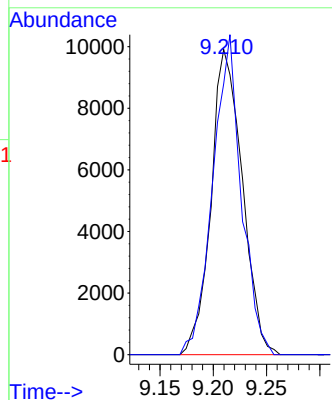
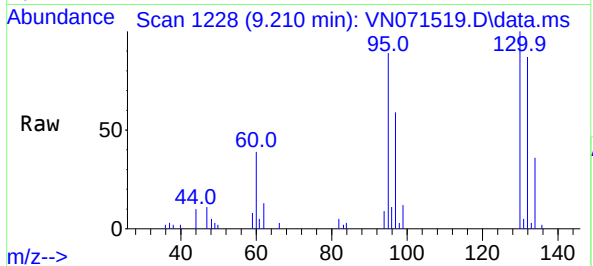
#37
Trichloroethene
Concen: 2.636 ug/l
RT: 9.210 min Scan# 1229
Delta R.T. -0.006 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

Tgt Ion:130 Resp: 2023
Ion Ratio Lower Upper
130 100
95 88.8 76.6 115.0

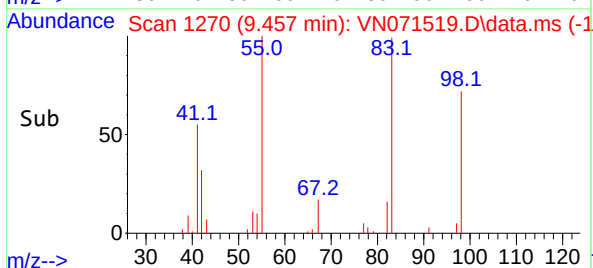
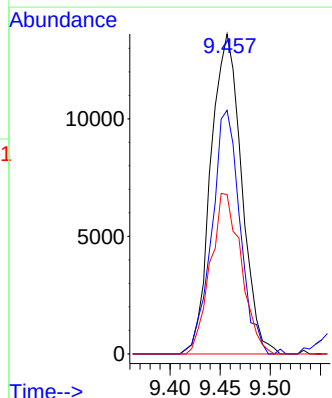
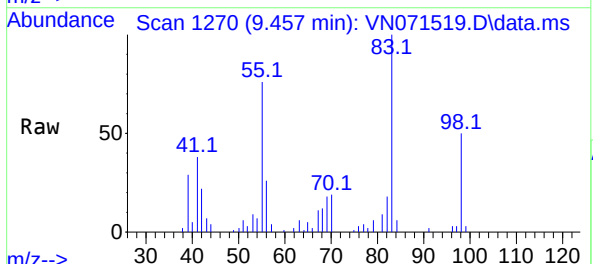
Manual Integrations
APPROVED

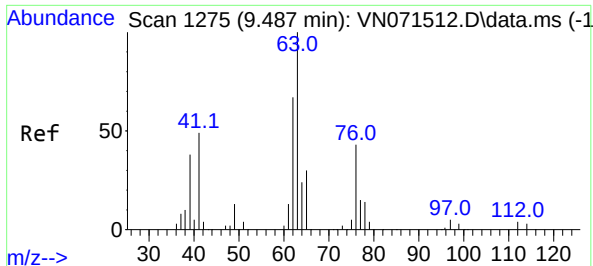
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#38
Methylcyclohexane
Concen: 2.394 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05

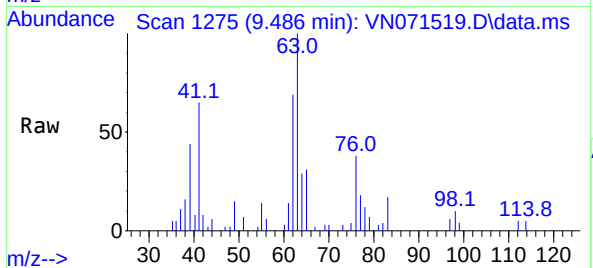
Tgt Ion: 83 Resp: 28894
Ion Ratio Lower Upper
83 100
55 69.7 35.1 105.3
98 50.3 23.4 70.2





#39
1,2-Dichloropropane
Concen: 2.493 ug/l
RT: 9.486 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05

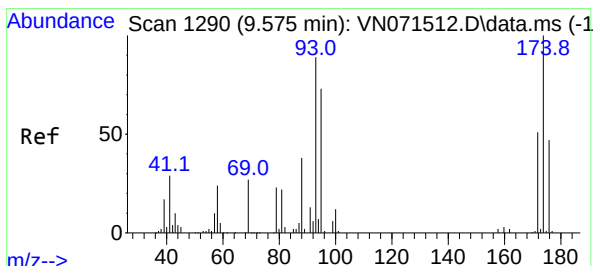
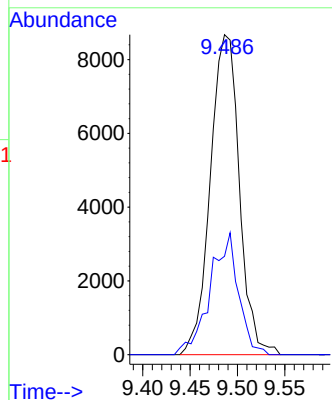
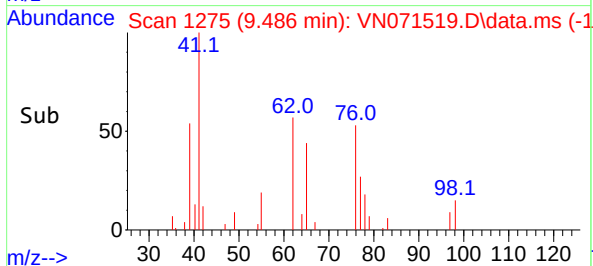
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



Tgt Ion: 63 Resp: 1855
Ion Ratio Lower Upper
63 100
65 30.8 24.2 36.4

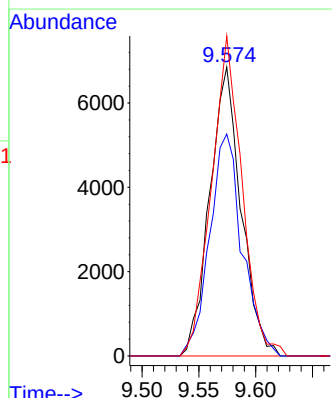
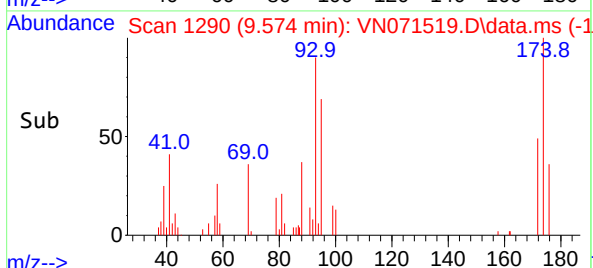
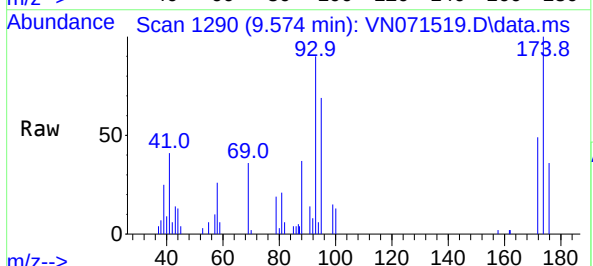
Manual Integrations
APPROVED

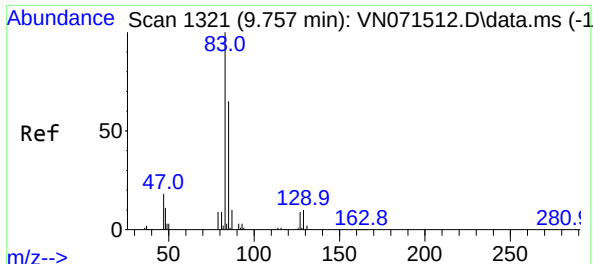
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#40
Dibromomethane
Concen: 2.609 ug/l
RT: 9.574 min Scan# 1290
Delta R.T. -0.000 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05

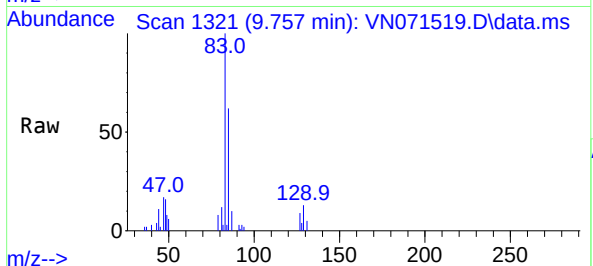
Tgt Ion: 93 Resp: 13143
Ion Ratio Lower Upper
93 100
95 80.0 0.0 168.8
174 106.9 0.0 173.6





#41
Bromodichloromethane
Concen: 2.379 ug/l
RT: 9.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05

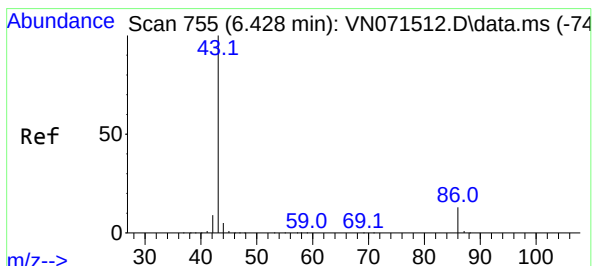
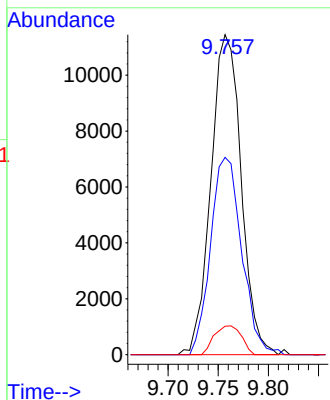
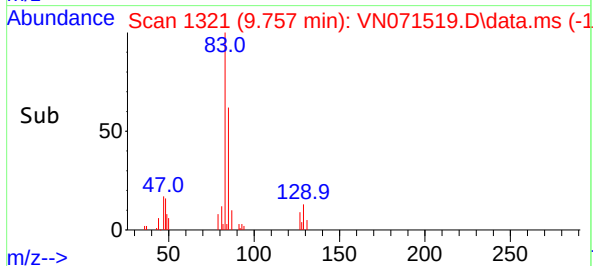
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



Tgt Ion: 83 Resp: 23984
Ion Ratio Lower Upper
83 100
85 61.7 54.1 81.1
127 8.9 7.6 11.4

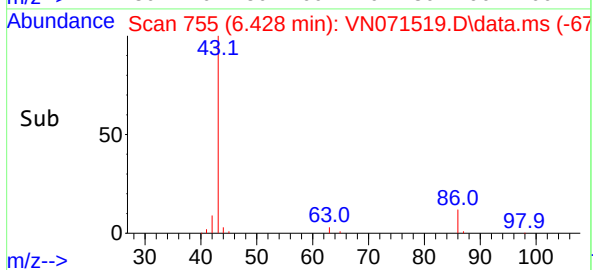
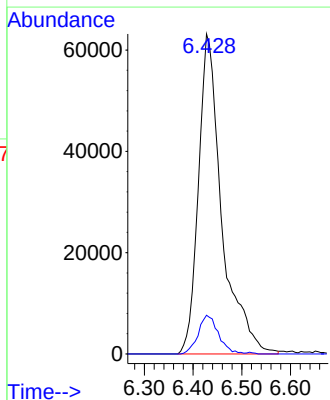
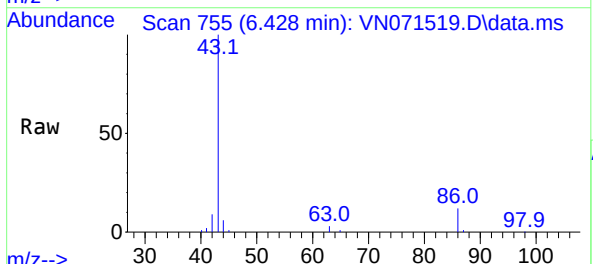
Manual Integrations
APPROVED

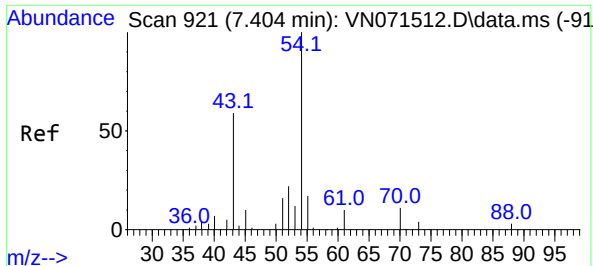
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#42
Vinyl Acetate
Concen: 11.528 ug/l
RT: 6.428 min Scan# 755
Delta R.T. -0.000 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05

Tgt Ion: 43 Resp: 210511
Ion Ratio Lower Upper
43 100
86 10.5 7.5 11.3





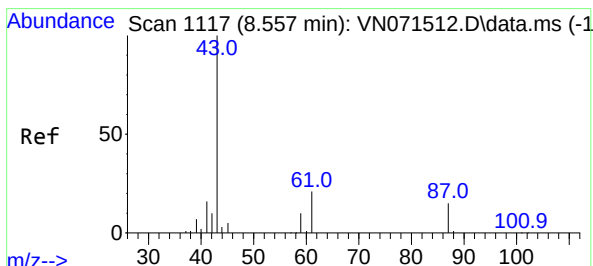
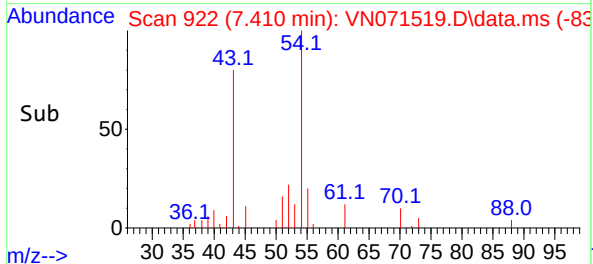
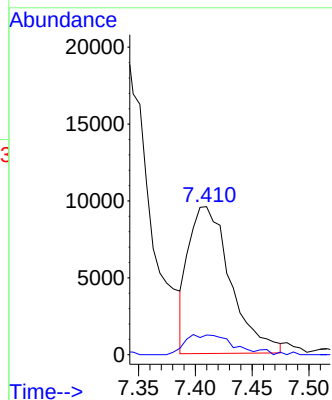
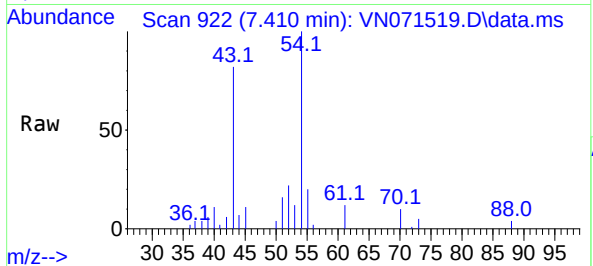
#43
Ethyl Acetate
Concen: 2.371 ug/l
RT: 7.410 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

Tgt Ion: 43 Resp: 2450
Ion Ratio Lower Upper
43 100
45 5.8 10.6 16.0

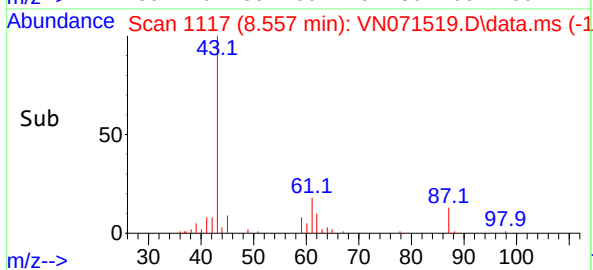
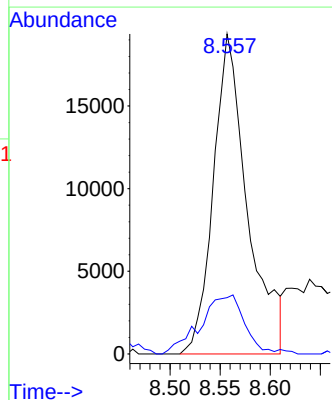
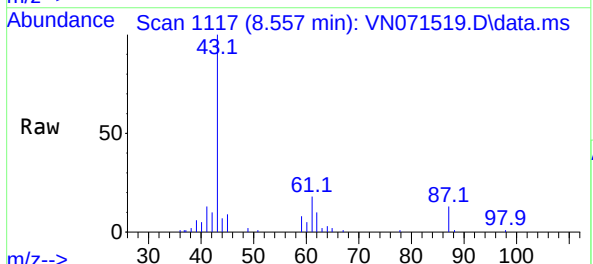
Manual Integrations
APPROVED

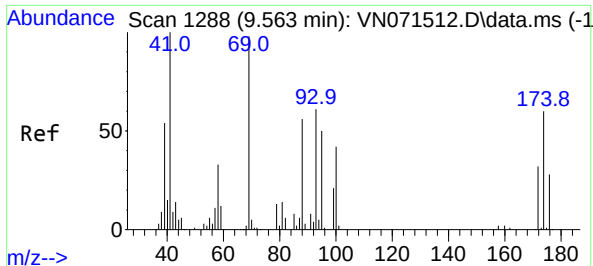
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#44
Isopropyl Acetate
Concen: 2.767 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05

Tgt Ion: 43 Resp: 45862
Ion Ratio Lower Upper
43 100
61 19.4 20.1 30.1





#45

1,4-Dioxane

Concen: 44.812 ug/l

RT: 9.569 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN071519.D

Acq: 24 Mar 2022 14:05

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2022

Tgt Ion: 88 Resp: 7494

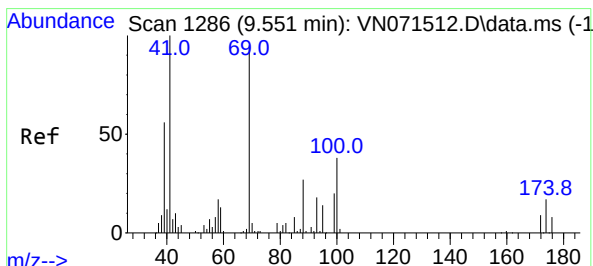
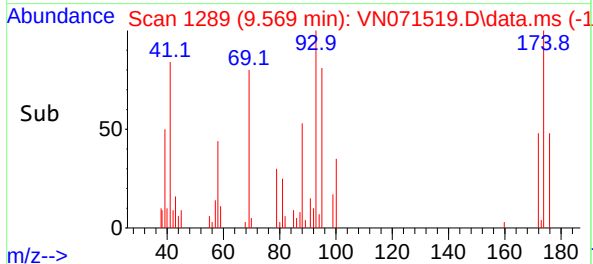
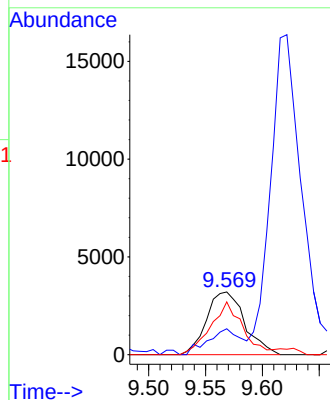
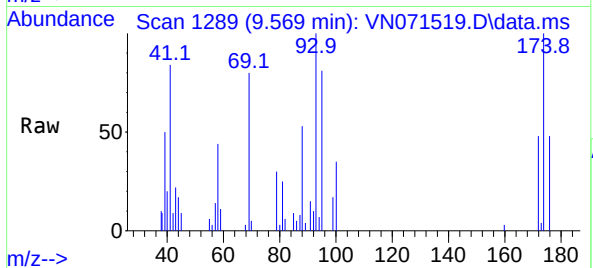
Ion	Ratio	Lower	Upper
88	100		
43	35.4	25.0	37.6
58	70.0	49.4	74.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2022

Supervised By :Mahesh Dadoda 03/25/2022



#46

Methyl methacrylate

Concen: 2.054 ug/l

RT: 9.557 min Scan# 1287

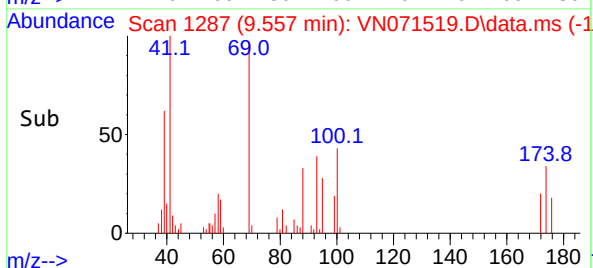
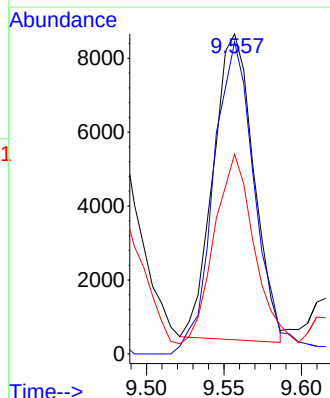
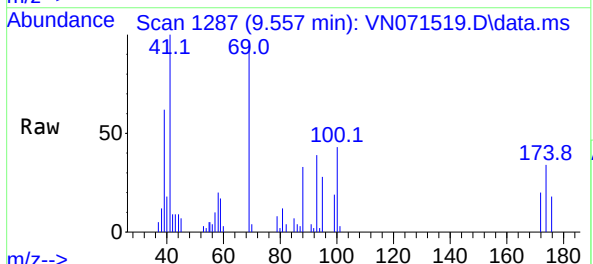
Delta R.T. 0.006 min

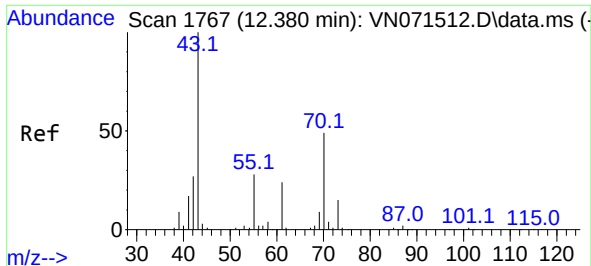
Lab File: VN071519.D

Acq: 24 Mar 2022 14:05

Tgt Ion: 41 Resp: 14928

Ion	Ratio	Lower	Upper
41	100		
69	100.5	44.4	133.2
39	62.7	39.9	119.6





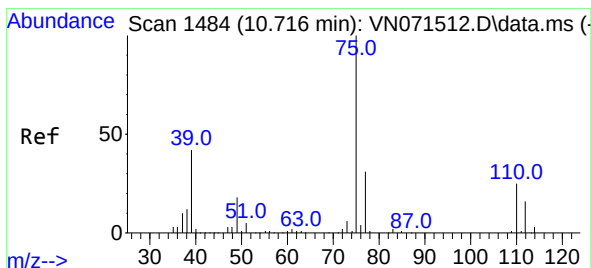
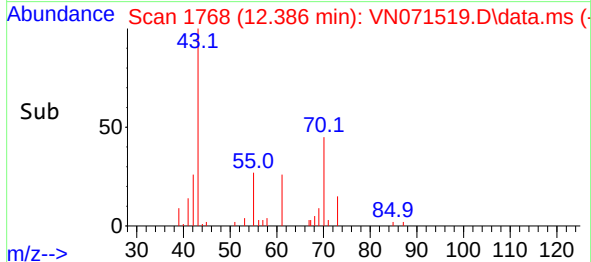
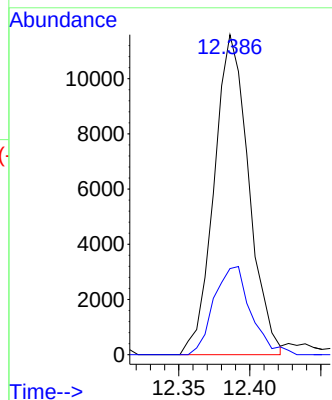
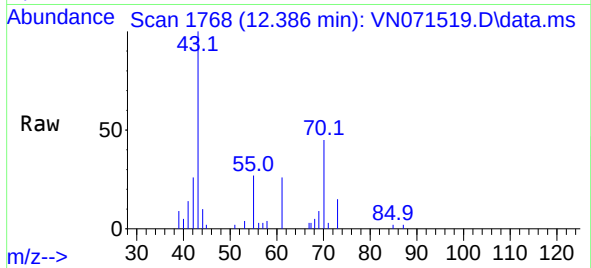
#47
n-amy1 Acetate
Concen: 1.779 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

Tgt Ion: 43 Resp: 19680
Ion Ratio Lower Upper
43 100
55 28.6 19.0 28.6

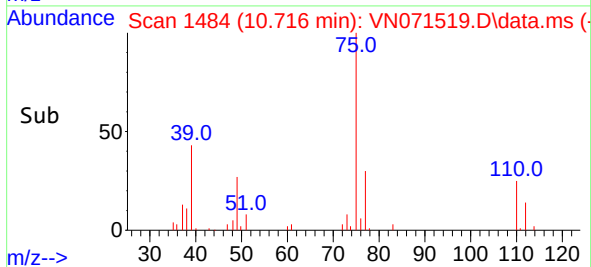
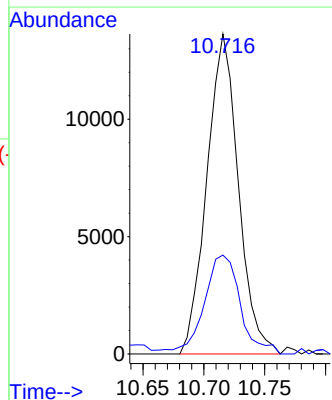
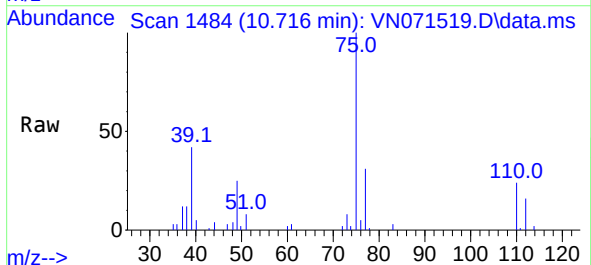
Manual Integrations
APPROVED

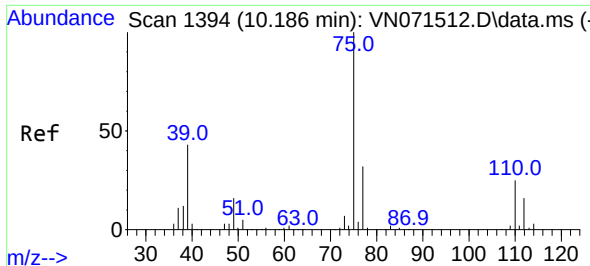
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#48
t-1,3-Dichloropropene
Concen: 2.238 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05

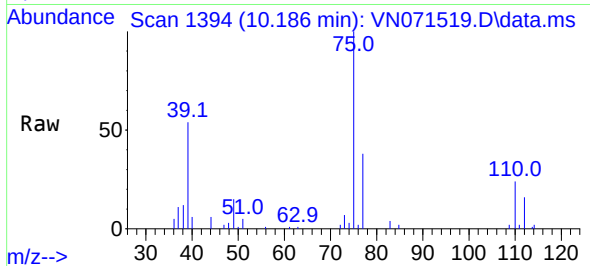
Tgt Ion: 75 Resp: 24521
Ion Ratio Lower Upper
75 100
77 30.9 25.3 37.9





#49
 cis-1,3-Dichloropropene
 Concen: 2.279 ug/l
 RT: 10.186 min Scan# 1394
 Delta R.T. -0.000 min
 Lab File: VN071519.D
 Acq: 24 Mar 2022 14:05

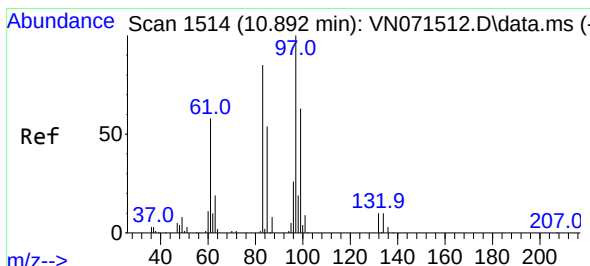
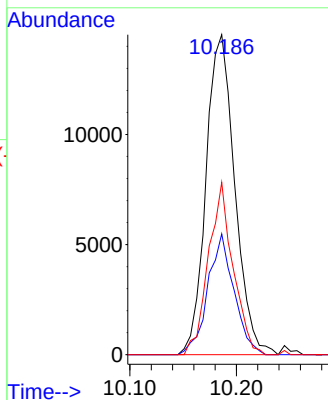
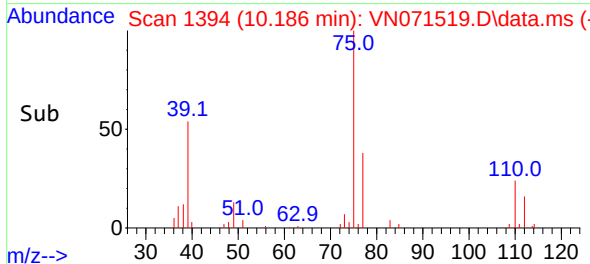
Instrument : MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2022



Tgt Ion: 75 Resp: 2730
 Ion Ratio Lower Upper
 75 100
 77 37.7 25.3 37.9
 39 53.9 46.2 69.4

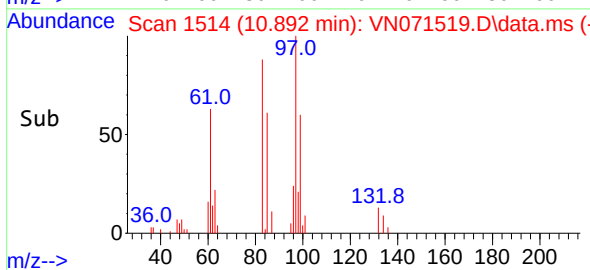
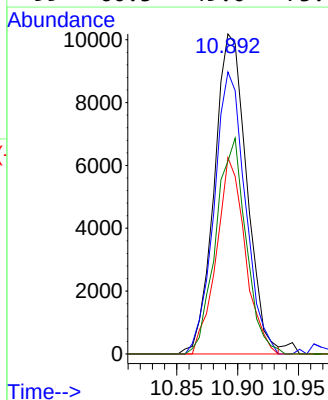
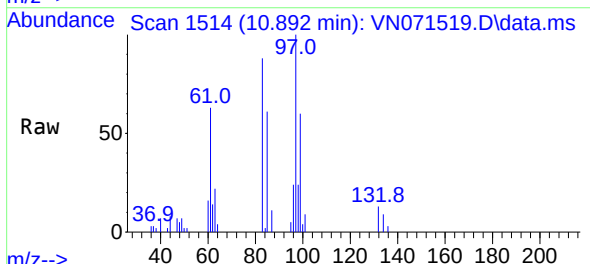
Manual Integrations
 APPROVED

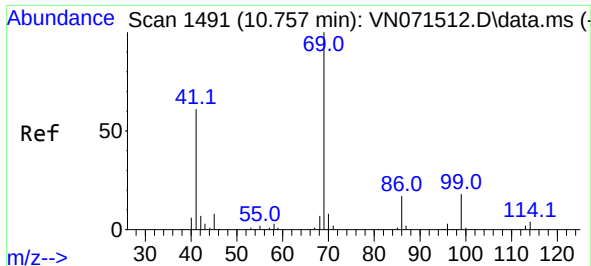
Reviewed By :John Carlone 03/25/2022
 Supervised By :Mahesh Dadoda 03/25/2022



#50
 1,1,2-Trichloroethane
 Concen: 2.504 ug/l
 RT: 10.892 min Scan# 1514
 Delta R.T. -0.000 min
 Lab File: VN071519.D
 Acq: 24 Mar 2022 14:05

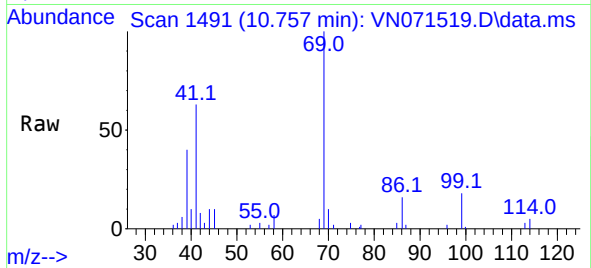
Tgt Ion: 97 Resp: 18859
 Ion Ratio Lower Upper
 97 100
 83 88.1 67.2 100.8
 85 61.4 43.0 64.4
 99 60.3 49.0 73.4





#51
Ethyl methacrylate
Concen: 2.078 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05

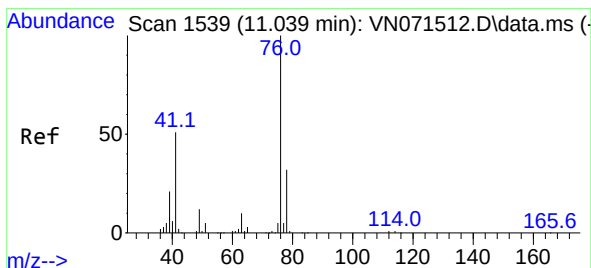
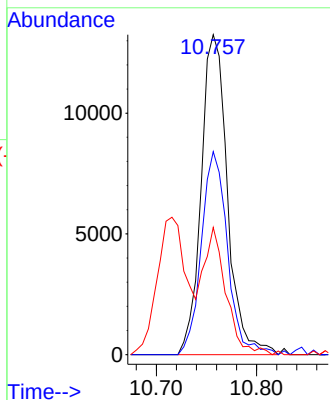
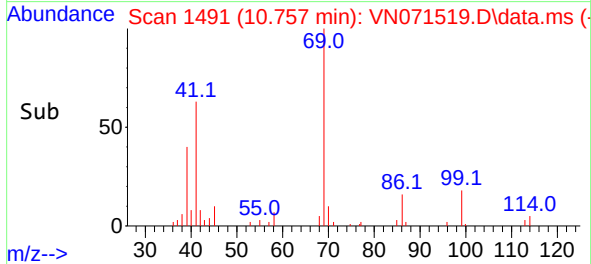
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2022



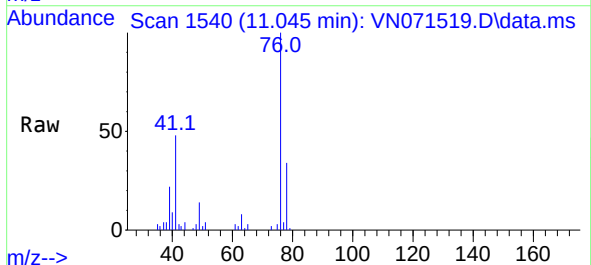
Tgt Ion: 69 Resp: 24164
Ion Ratio Lower Upper
69 100
41 63.4 33.0 98.9
39 38.6 25.4 76.4

Manual Integrations
APPROVED

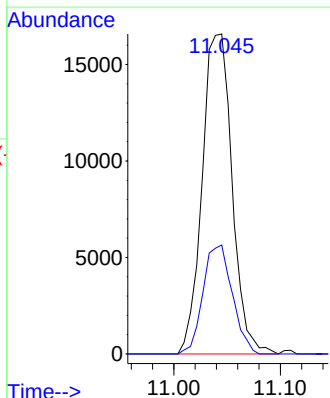
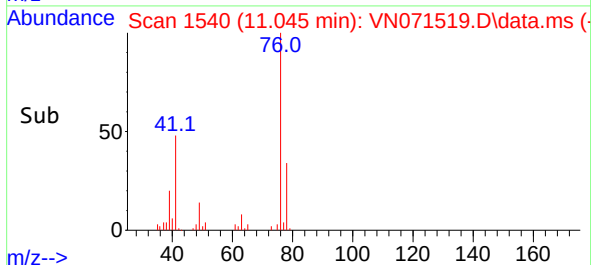
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

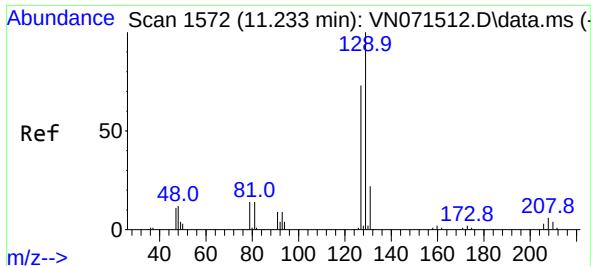


#52
1,3-Dichloropropane
Concen: 2.516 ug/l
RT: 11.045 min Scan# 1540
Delta R.T. 0.006 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05



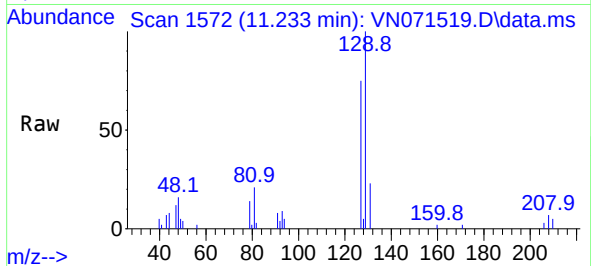
Tgt Ion: 76 Resp: 32354
Ion Ratio Lower Upper
76 100
78 33.3 0.0 65.4





#53
Dibromochloromethane
Concen: 2.274 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05

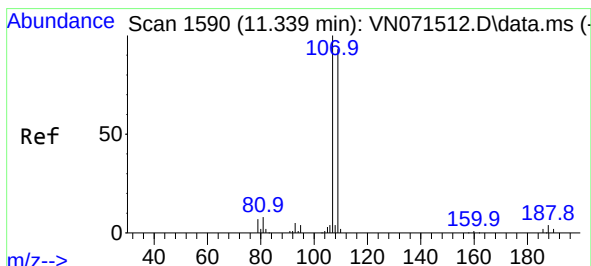
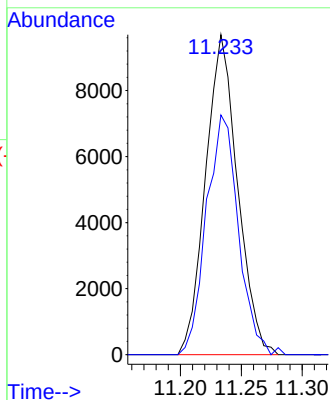
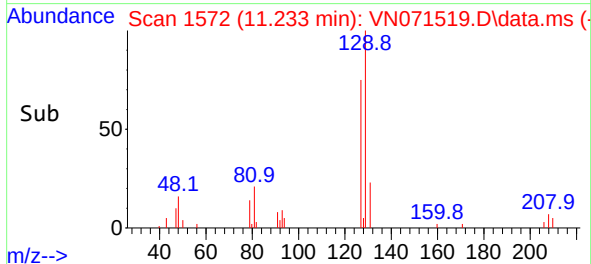
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2022



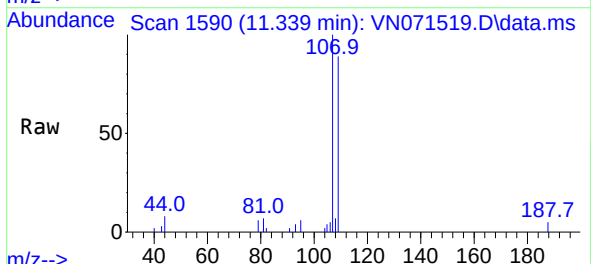
Tgt Ion:129 Resp: 17729
Ion Ratio Lower Upper
129 100
127 74.6 39.0 117.0

Manual Integrations
APPROVED

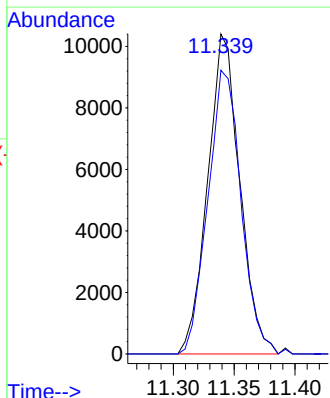
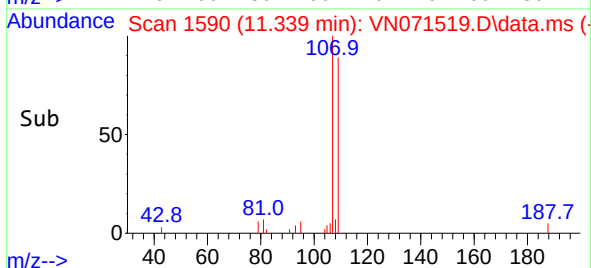
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

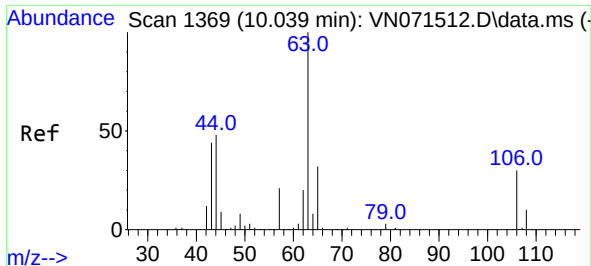


#54
1,2-Dibromoethane
Concen: 2.460 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05



Tgt Ion:107 Resp: 19056
Ion Ratio Lower Upper
107 100
109 91.7 72.8 109.2





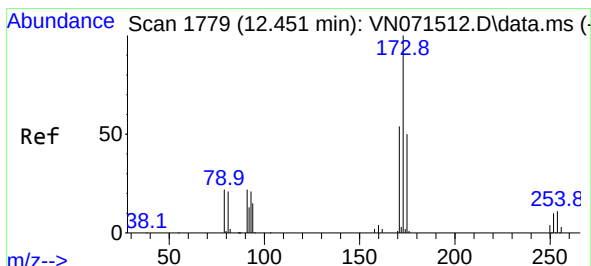
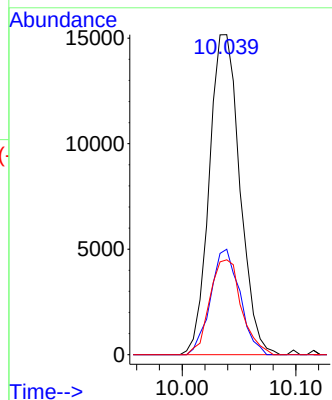
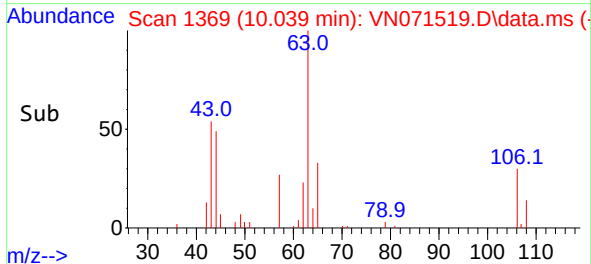
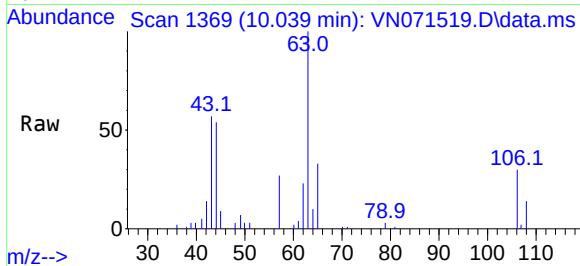
#55
2-Chloroethyl vinyl ether
Concen: 9.064 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2022

Tgt Ion: 63 Resp: 28398
Ion Ratio Lower Upper
63 100
65 31.5 25.4 38.0
106 30.6 23.2 34.8

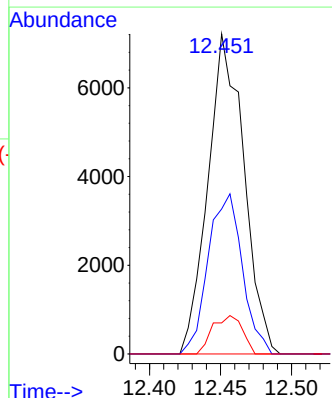
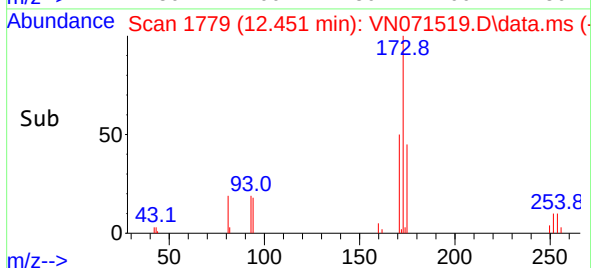
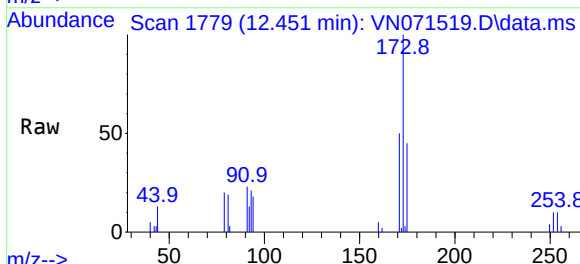
Manual Integrations
APPROVED

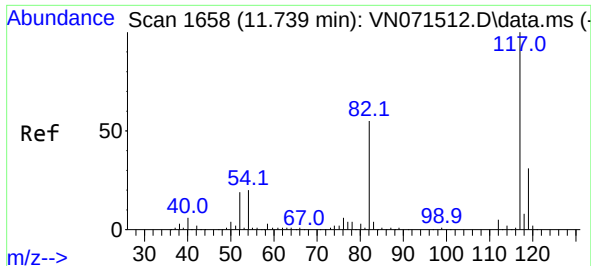
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#56
Bromoform
Concen: 2.113 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05

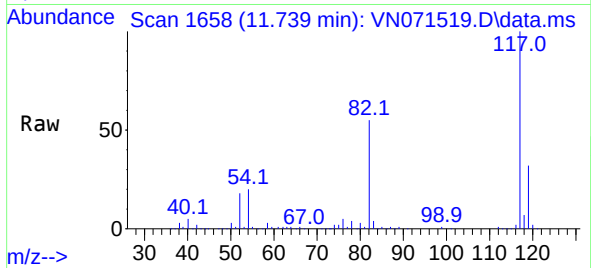
Tgt Ion:173 Resp: 12703
Ion Ratio Lower Upper
173 100
175 47.6 38.6 58.0
254 9.9 0.0 0.0#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05

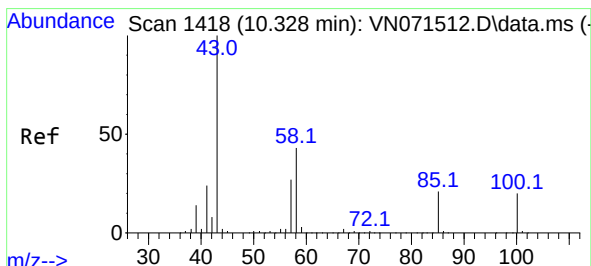
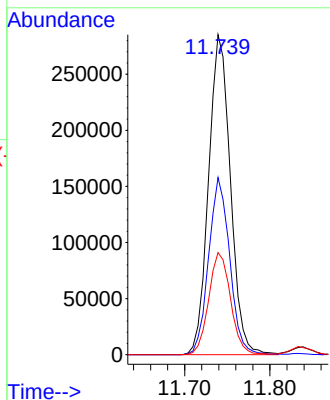
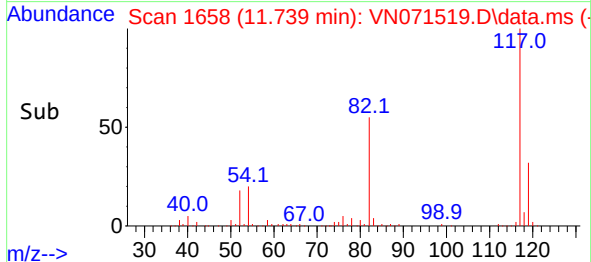
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



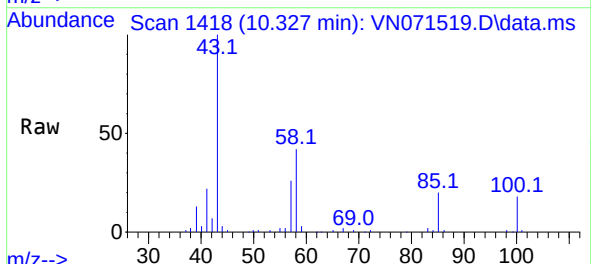
Tgt Ion:117 Resp: 50813
Ion Ratio Lower Upper
117 100
82 53.4 43.6 65.4
119 32.0 25.8 38.6

Manual Integrations
APPROVED

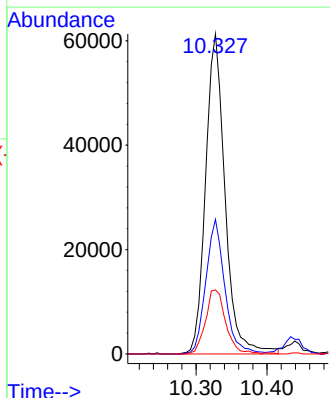
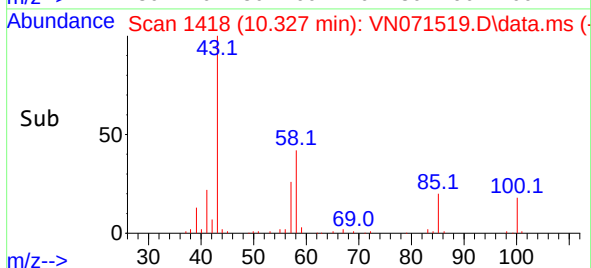
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

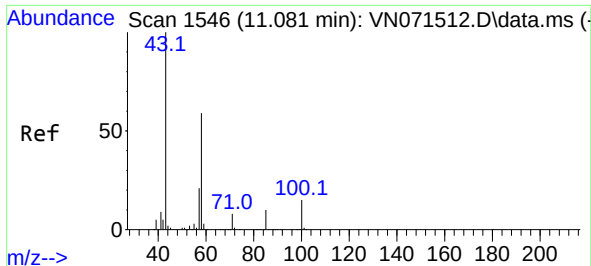


#58
4-Methyl-2-Pentanone
Concen: 12.125 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05



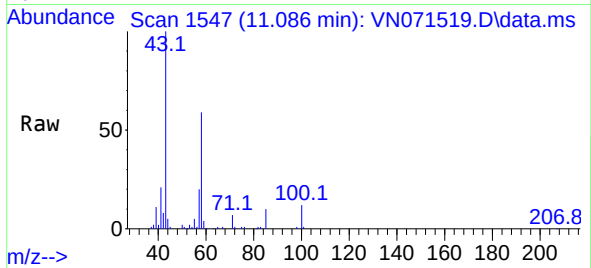
Tgt Ion: 43 Resp: 116958
Ion Ratio Lower Upper
43 100
58 40.9 30.0 45.0
85 20.4 15.0 22.6





#59
2-Hexanone
Concen: 11.530 ug/l
RT: 11.086 min Scan# 11086
Delta R.T. 0.006 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05

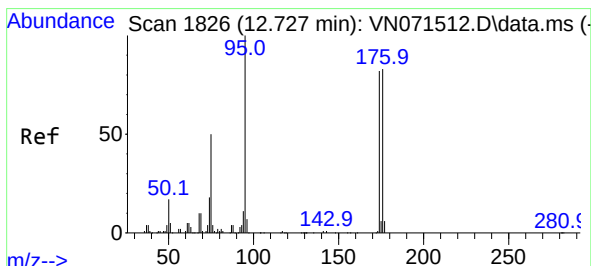
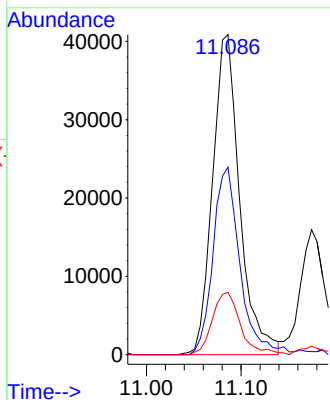
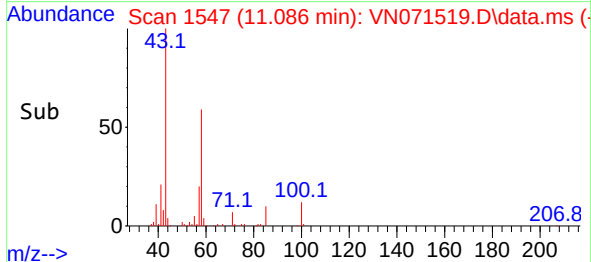
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



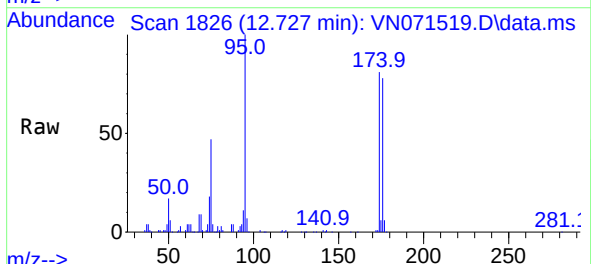
Tgt Ion: 43 Resp: 81200
Ion Ratio Lower Upper
43 100
58 57.7 42.2 63.2
57 20.2 15.0 22.4

Manual Integrations
APPROVED

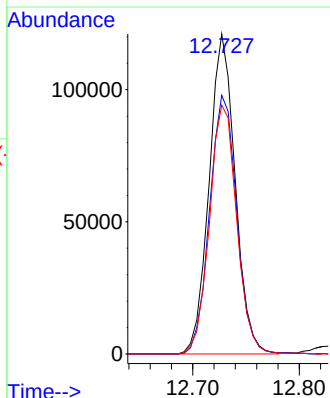
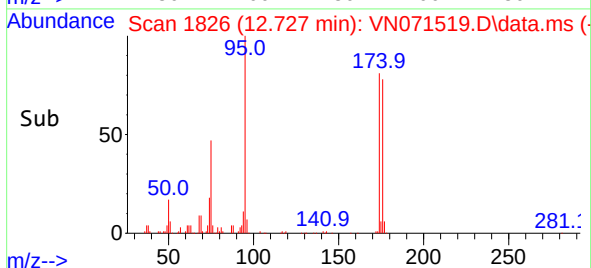
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

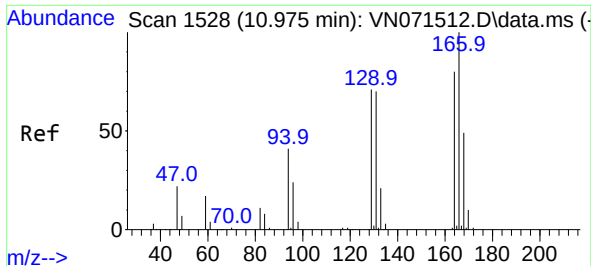


#60
4-Bromofluorobenzene
Concen: 27.244 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05



Tgt Ion: 95 Resp: 205268
Ion Ratio Lower Upper
95 100
174 84.4 62.9 94.3
176 81.2 61.0 91.4





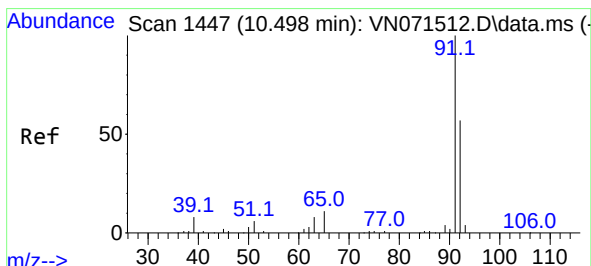
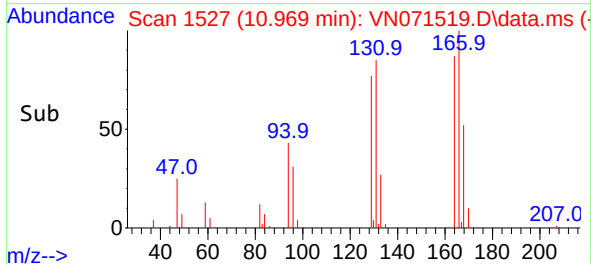
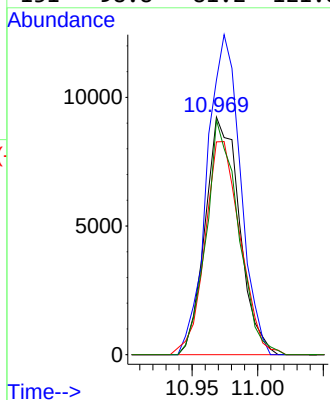
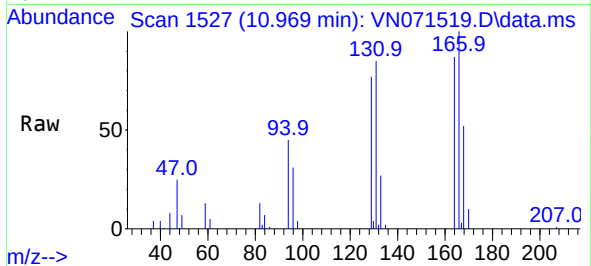
#61
Tetrachloroethene
Concen: 2.714 ug/l
RT: 10.969 min Scan# 1528
Delta R.T. -0.006 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2022

Tgt Ion:164 Resp: 1678
Ion Ratio Lower Upper
164 100
166 115.5 105.8 158.8
129 87.6 82.5 123.7
131 98.8 81.2 121.8

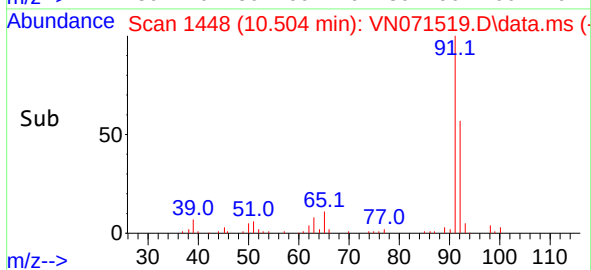
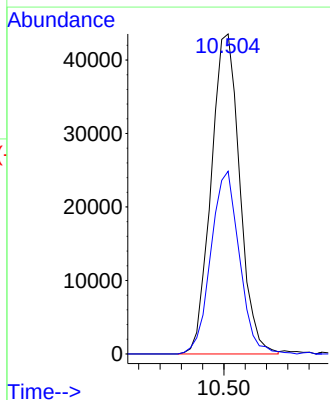
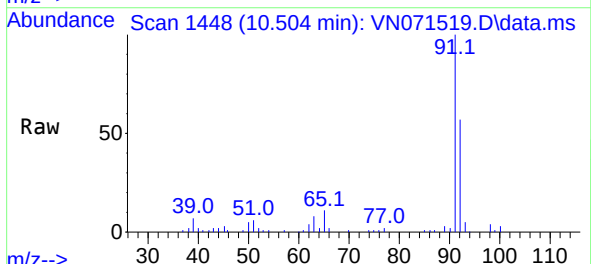
Manual Integrations
APPROVED

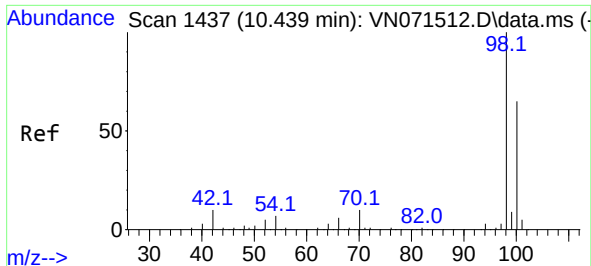
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#62
Toluene
Concen: 2.634 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05

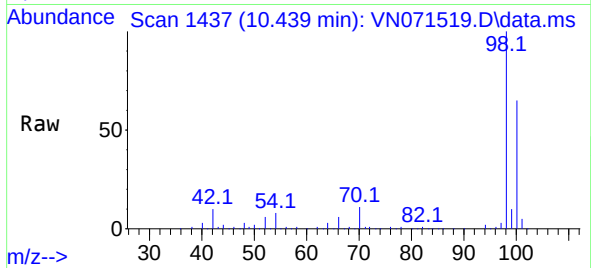
Tgt Ion: 91 Resp: 81147
Ion Ratio Lower Upper
91 100
92 57.0 44.6 67.0





#63
Toluene-d8
Concen: 31.110 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05

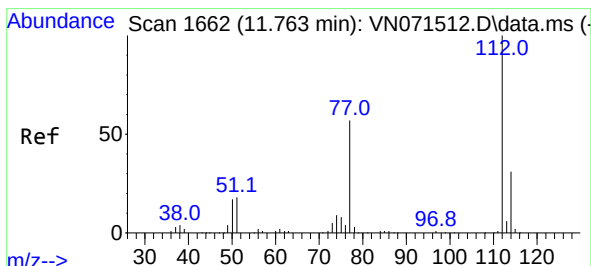
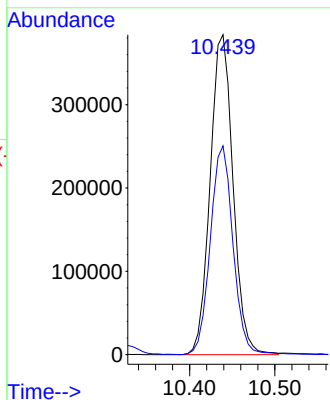
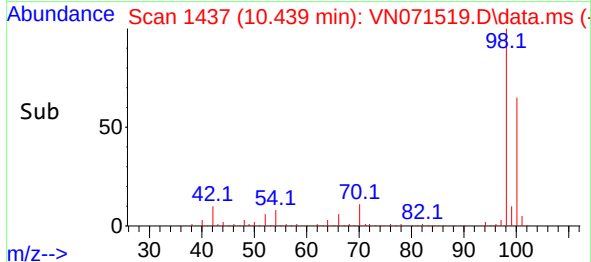
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



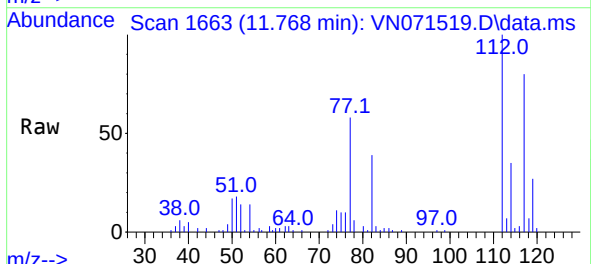
Tgt Ion: 98 Resp: 717588
Ion Ratio Lower Upper
98 100
100 64.9 50.6 76.0

Manual Integrations
APPROVED

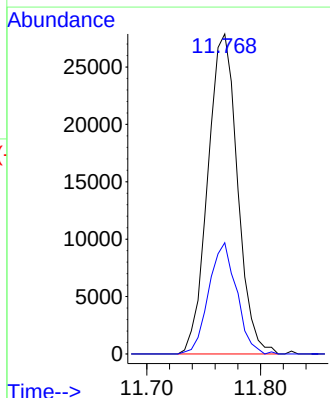
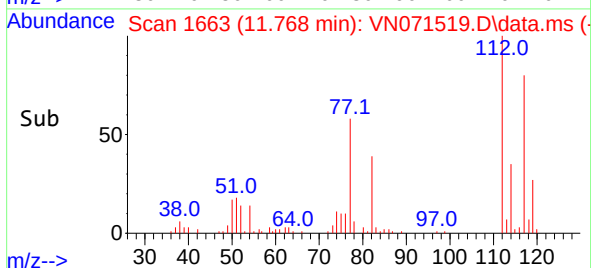
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

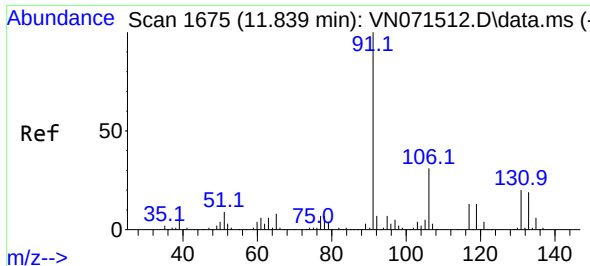


#64
Chlorobenzene
Concen: 2.663 ug/l
RT: 11.768 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05



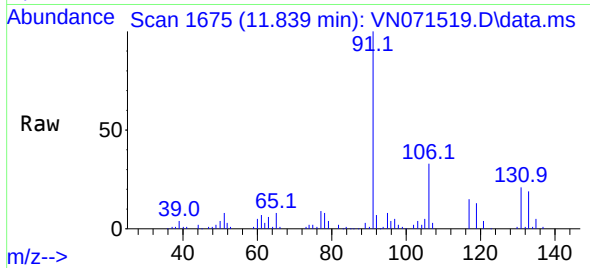
Tgt Ion:112 Resp: 50614
Ion Ratio Lower Upper
112 100
114 34.8 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 2.508 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05

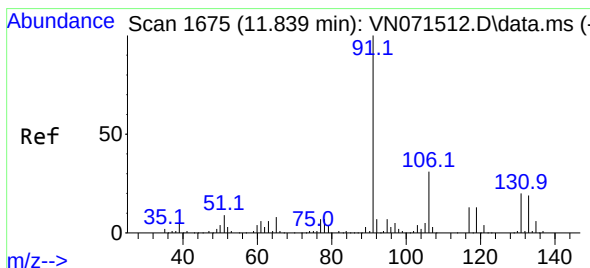
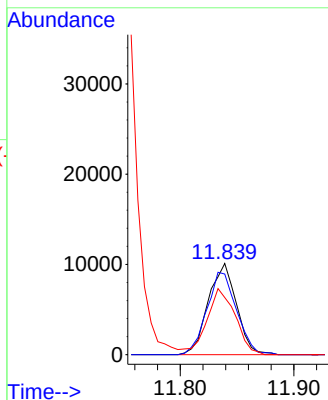
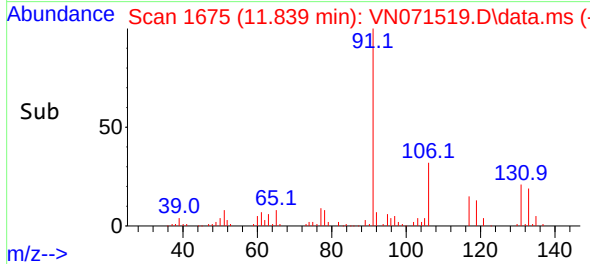
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2022



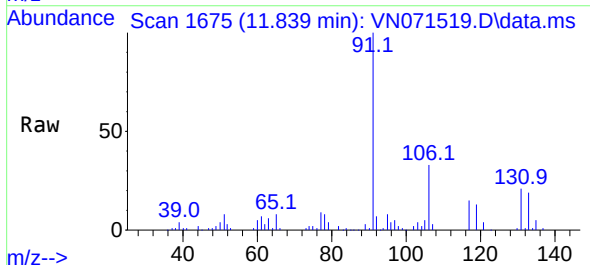
Tgt Ion:131 Resp: 1748
Ion Ratio Lower Upper
131 100
133 94.6 0.0 191.2
119 71.9 0.0 128.8

Manual Integrations
APPROVED

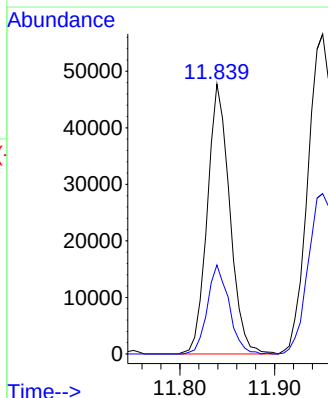
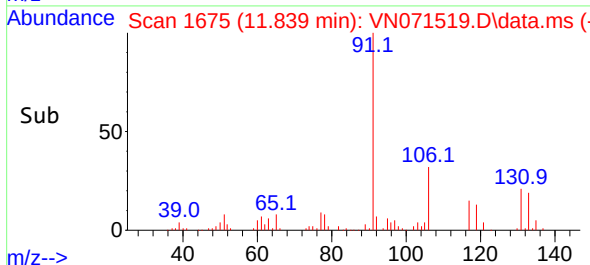
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

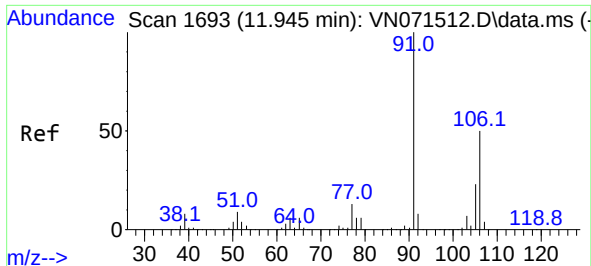


#66
Ethyl Benzene
Concen: 2.346 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05



Tgt Ion: 91 Resp: 78545
Ion Ratio Lower Upper
91 100
106 33.0 24.0 36.0





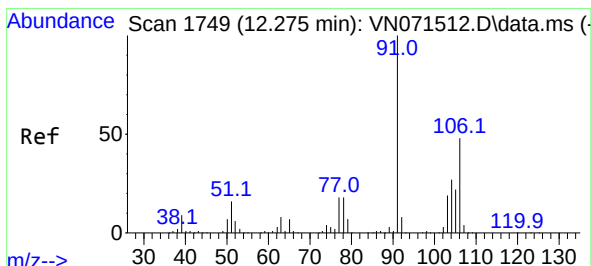
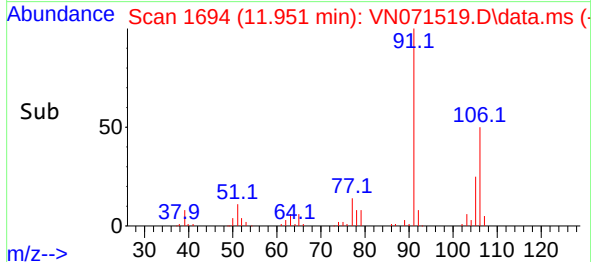
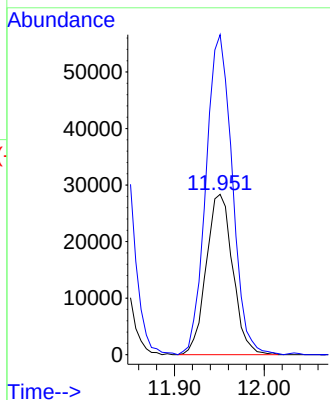
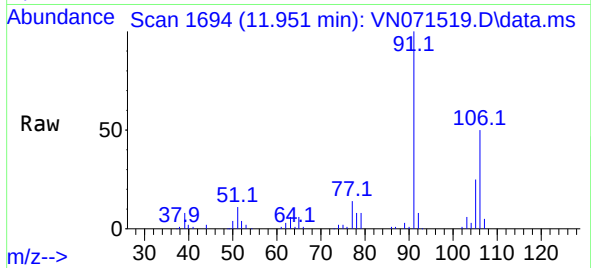
#67
m/p-Xylenes
Concen: 4.475 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

Tgt Ion:106 Resp: 58290
Ion Ratio Lower Upper
106 100
91 198.0 162.9 244.3

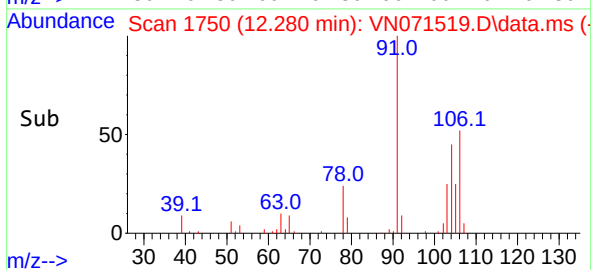
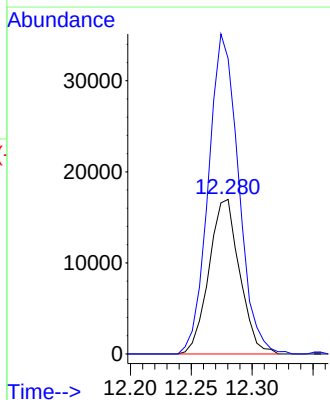
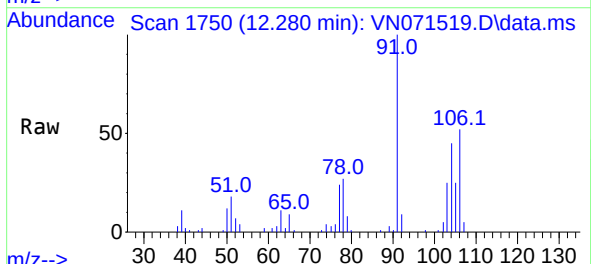
Manual Integrations
APPROVED

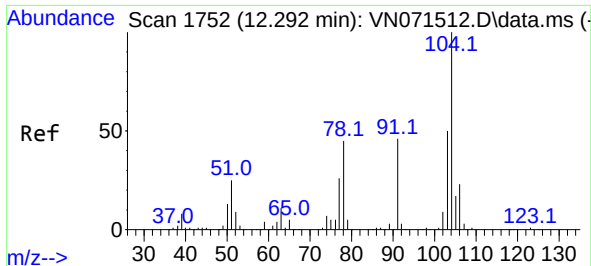
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#68
o-Xylene
Concen: 2.295 ug/l
RT: 12.280 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05

Tgt Ion:106 Resp: 29716
Ion Ratio Lower Upper
106 100
91 204.0 107.7 323.1





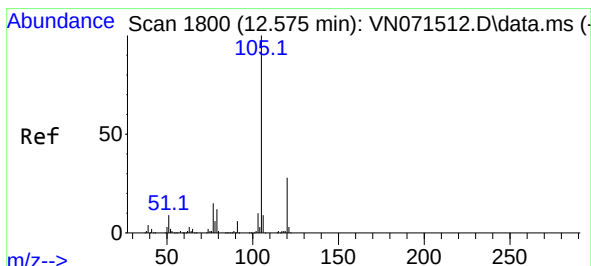
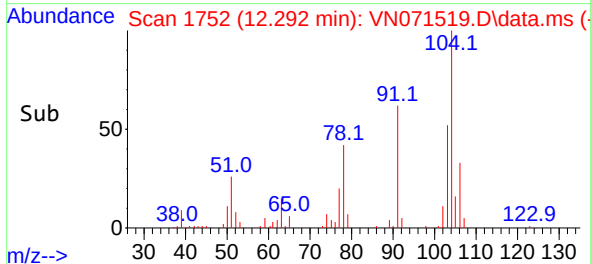
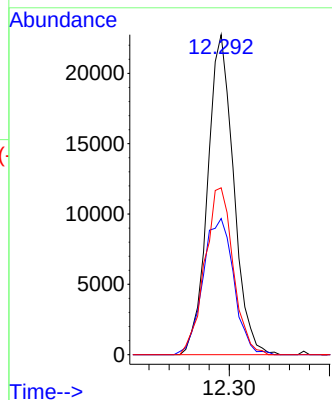
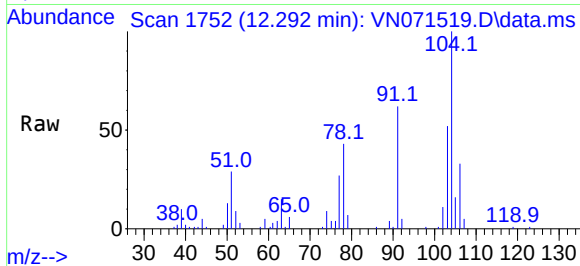
#69
Styrene
Concen: 2.018 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2022

Tgt Ion:104 Resp: 4112
Ion Ratio Lower Upper
104 100
78 50.0 40.7 61.1
103 56.7 45.8 68.8

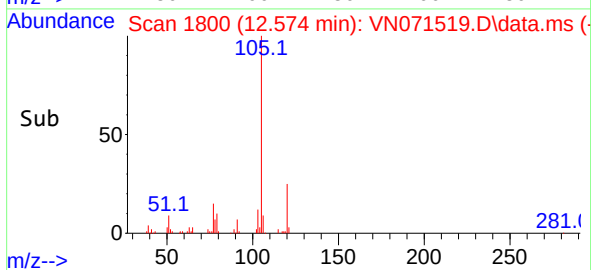
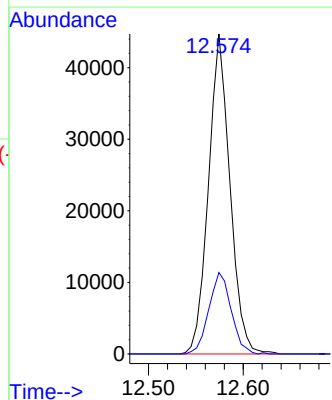
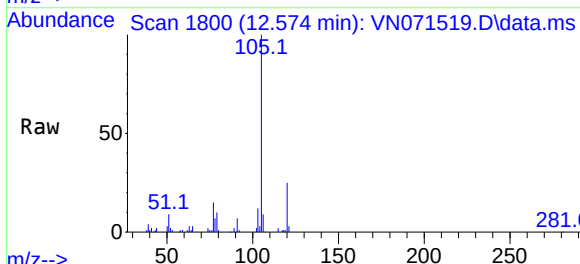
Manual Integrations
APPROVED

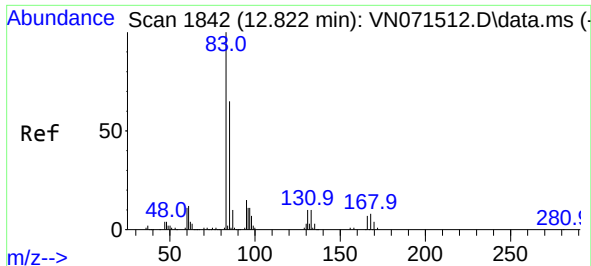
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#70
Isopropylbenzene
Concen: 2.170 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05

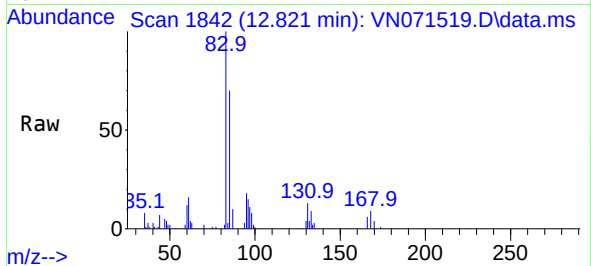
Tgt Ion:105 Resp: 70505
Ion Ratio Lower Upper
105 100
120 26.4 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 2.688 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05

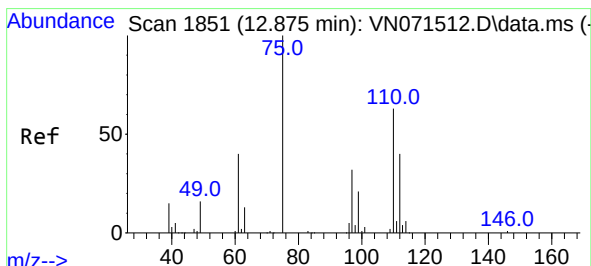
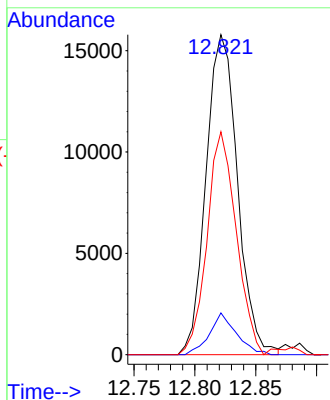
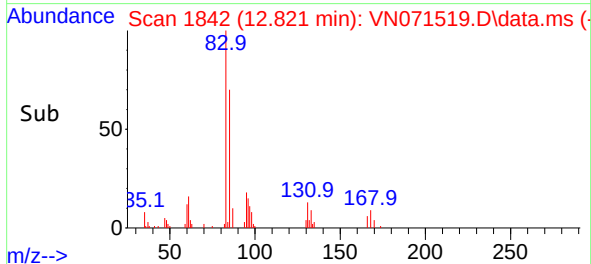
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2022



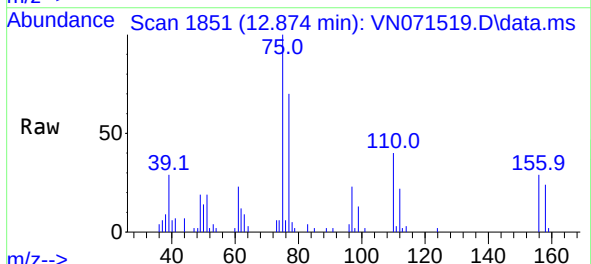
Tgt Ion: 83 Resp: 28420
Ion Ratio Lower Upper
83 100
131 11.2 5.1 15.3
85 64.6 33.1 99.2

Manual Integrations
APPROVED

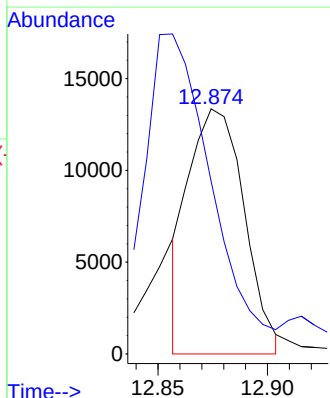
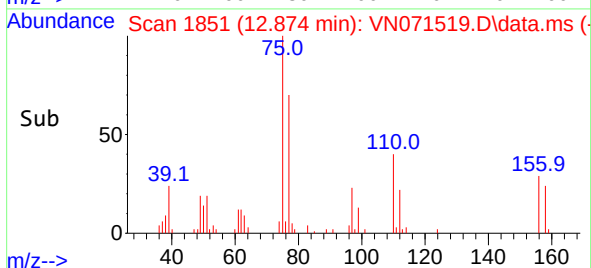
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

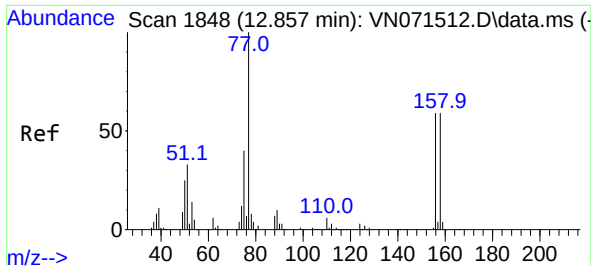


#72
1,2,3-Trichloropropane
Concen: 2.601 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05



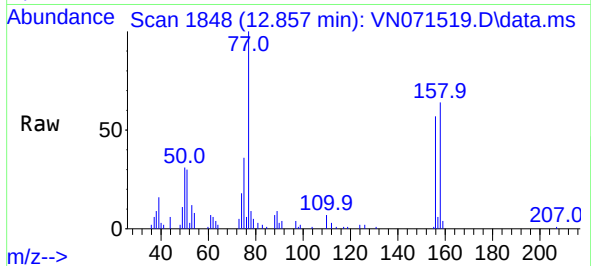
Tgt Ion: 75 Resp: 23635
Ion Ratio Lower Upper
75 100
77 160.6 0.0 378.0





#73
Bromobenzene
Concen: 2.340 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05

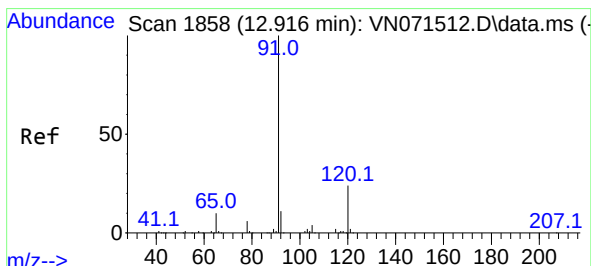
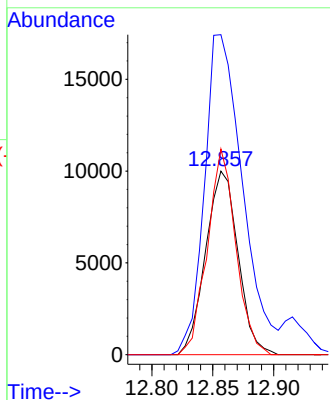
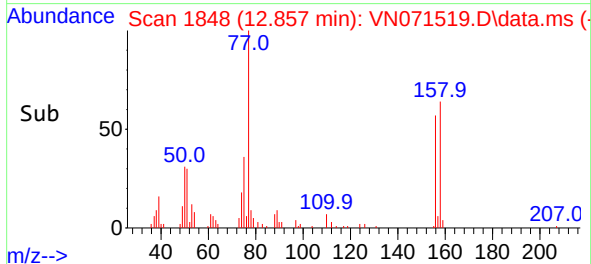
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



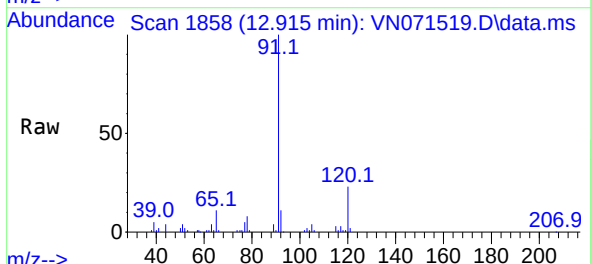
Tgt Ion:156 Resp: 1855
Ion Ratio Lower Upper
156 100
77 204.6 0.0 416.0
158 98.5 0.0 195.4

Manual Integrations
APPROVED

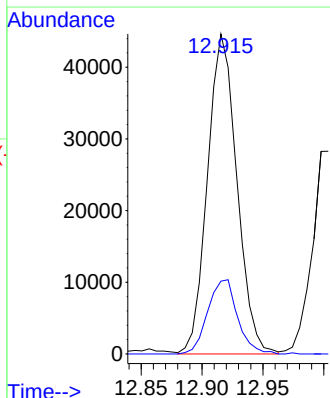
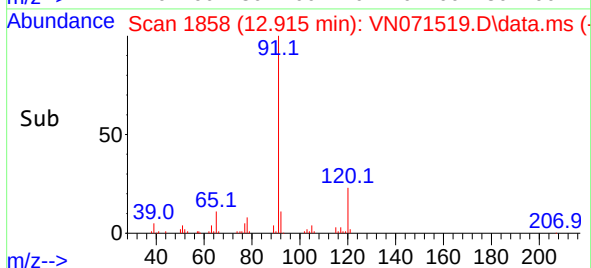
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

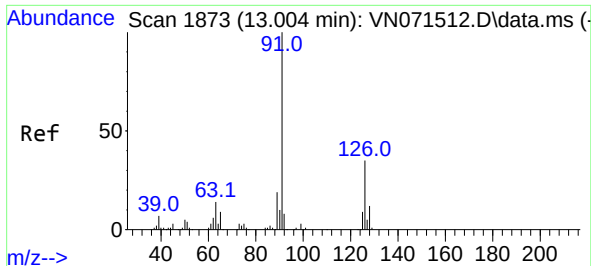


#74
n-propylbenzene
Concen: 2.114 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05



Tgt Ion: 91 Resp: 74983
Ion Ratio Lower Upper
91 100
120 23.4 0.0 45.0





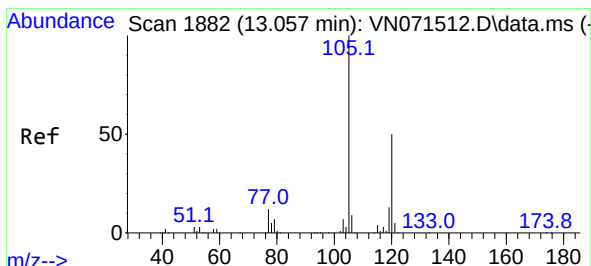
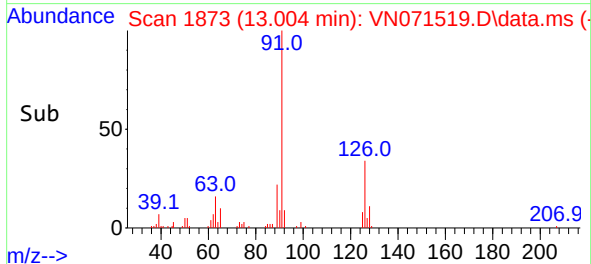
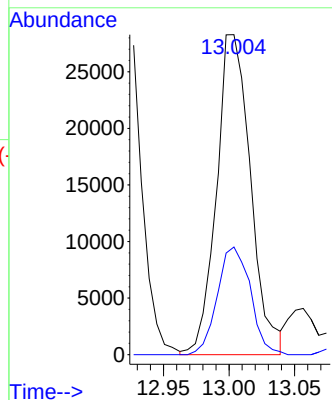
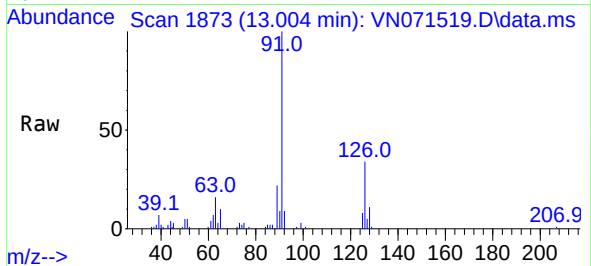
#75
2-Chlorotoluene
Concen: 2.308 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2022

Tgt Ion: 91 Resp: 5115
Ion Ratio Lower Upper
91 100
126 32.6 0.0 69.8

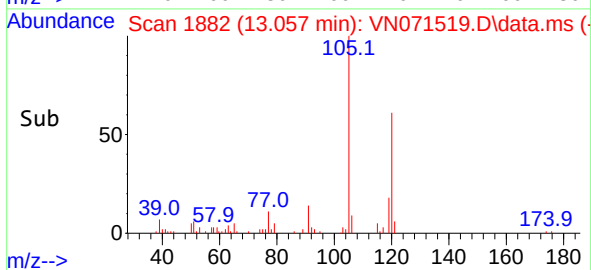
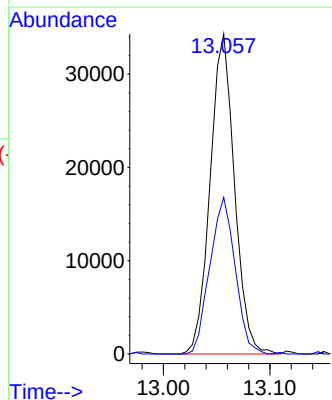
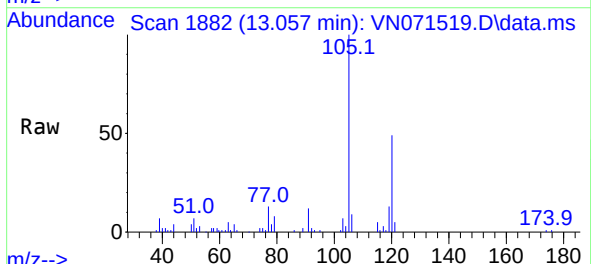
Manual Integrations
APPROVED

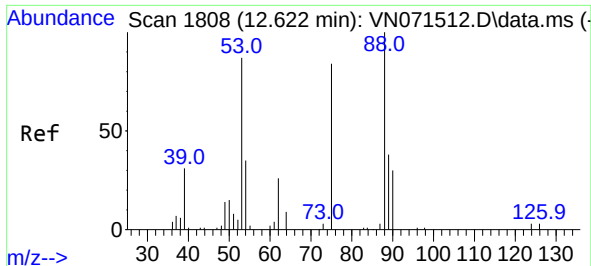
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#76
1,3,5-Trimethylbenzene
Concen: 2.086 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05

Tgt Ion:105 Resp: 54369
Ion Ratio Lower Upper
105 100
120 50.7 0.0 93.8





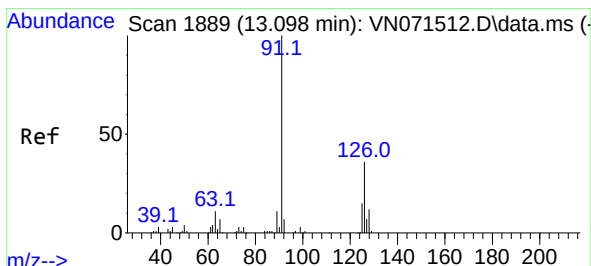
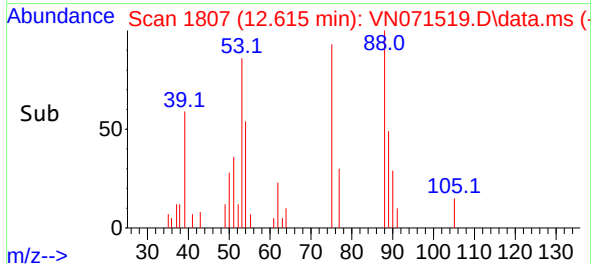
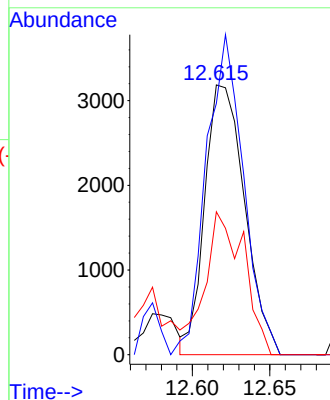
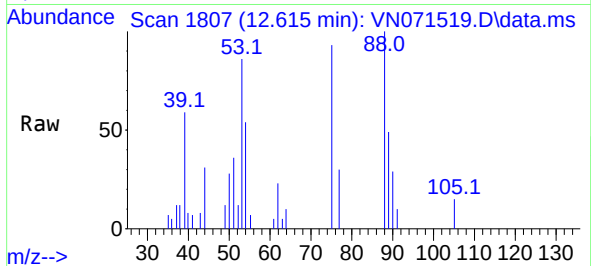
#77
t-1,4-Dichloro-2-butene
Concen: 1.790 ug/l
RT: 12.615 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2022

Tgt Ion: 75 Resp: 571
Ion Ratio Lower Upper
75 100
53 93.1 51.8 155.5
89 53.0 22.9 68.7

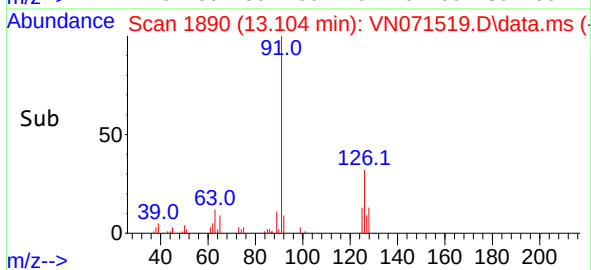
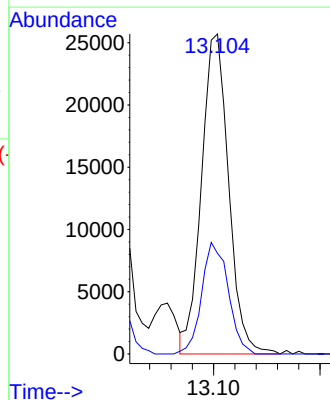
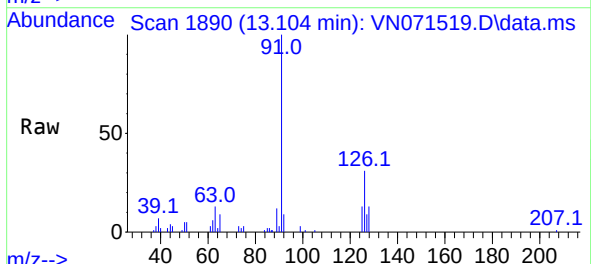
Manual Integrations
APPROVED

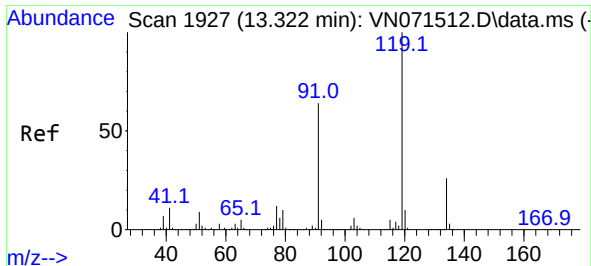
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#78
4-Chlorotoluene
Concen: 2.200 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.006 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05

Tgt Ion: 91 Resp: 45537
Ion Ratio Lower Upper
91 100
126 34.1 0.0 70.6





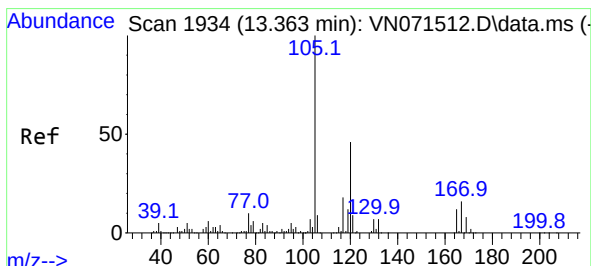
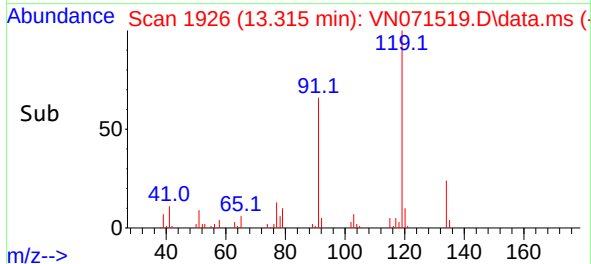
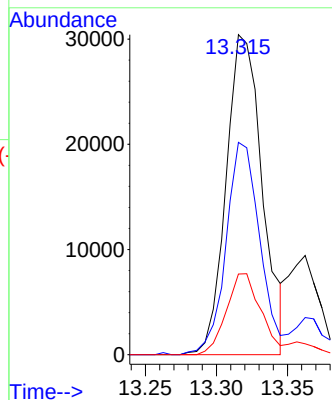
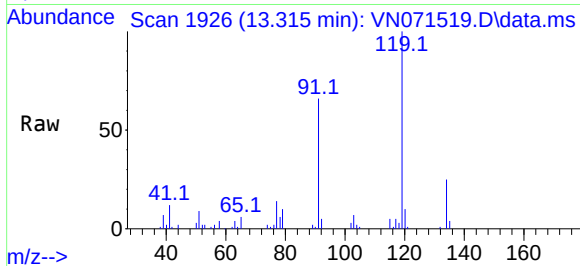
#79
tert-butylbenzene
Concen: 2.295 ug/l
RT: 13.315 min Scan# 1926
Delta R.T. -0.006 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2022

Tgt Ion:119 Resp: 53980
Ion Ratio Lower Upper
119 100
91 61.6 0.0 137.0
134 24.0 0.0 47.6

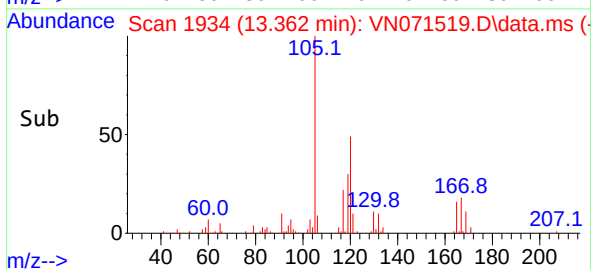
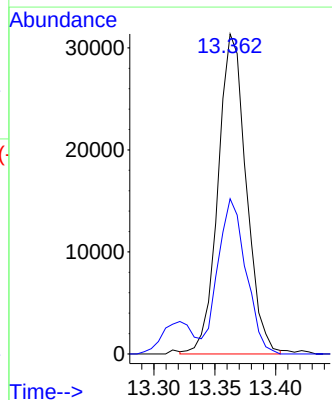
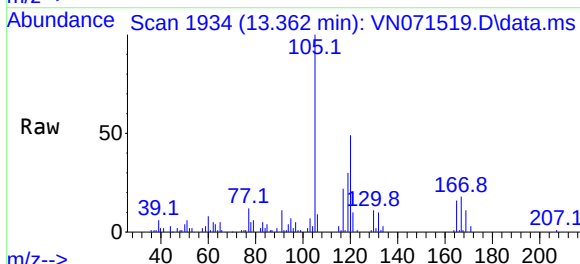
Manual Integrations
APPROVED

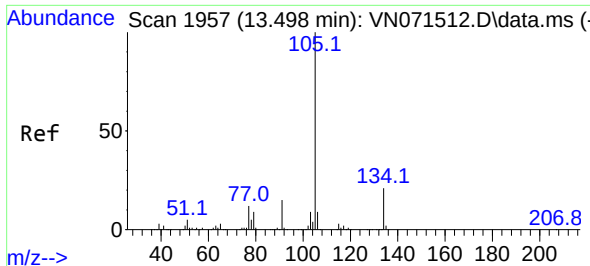
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#80
1,2,4-Trimethylbenzene
Concen: 1.996 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05

Tgt Ion:105 Resp: 50496
Ion Ratio Lower Upper
105 100
120 48.0 0.0 0.2#





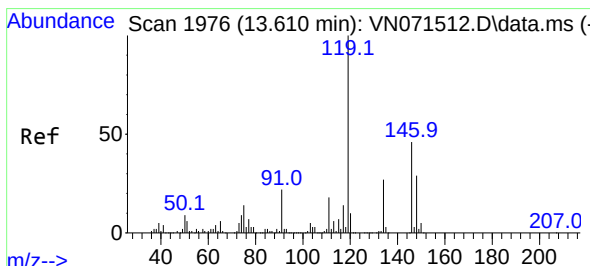
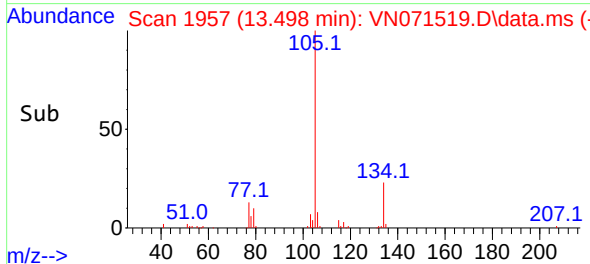
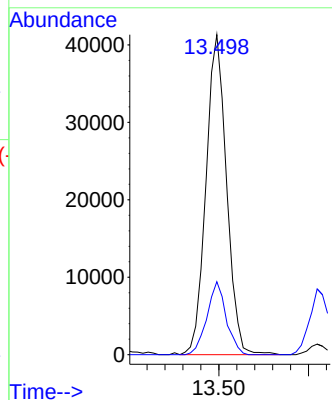
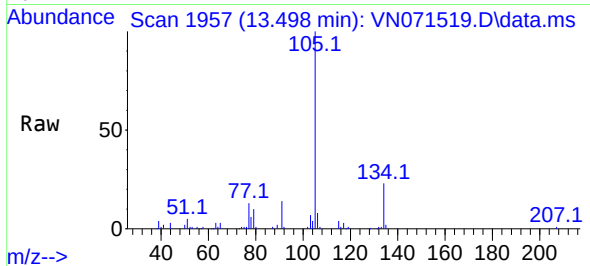
#81
 sec-Butylbenzene
 Concen: 2.083 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN071519.D
 Acq: 24 Mar 2022 14:05

Instrument : MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2022

Tgt Ion:105 Resp: 65834
 Ion Ratio Lower Upper
 105 100
 134 21.3 0.0 39.4

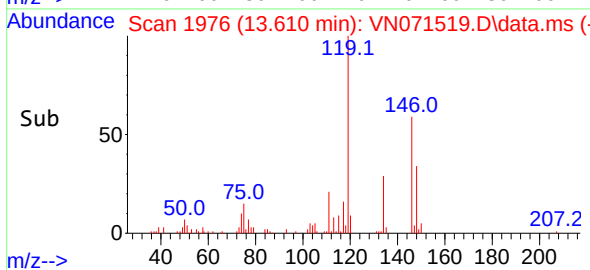
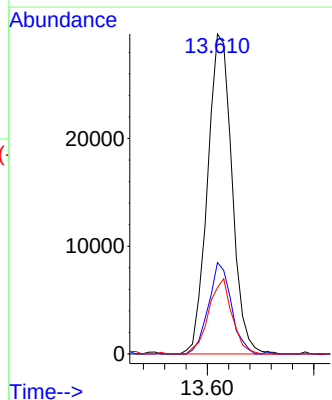
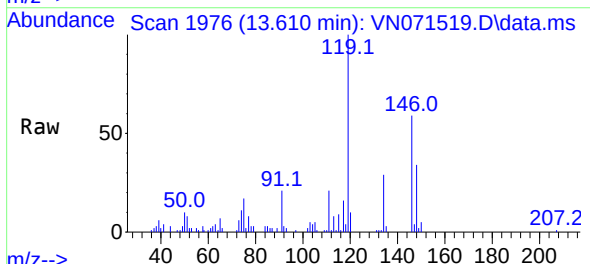
Manual Integrations
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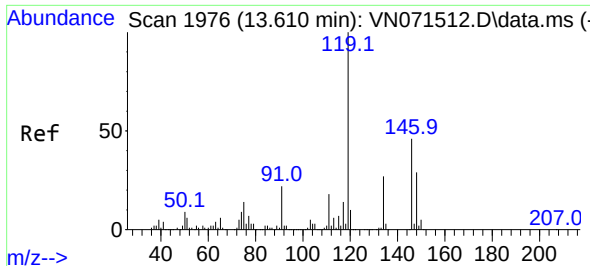
Reviewed By :John Carlone 03/25/2022
 Supervised By :Mahesh Dadoda 03/25/2022



#82
 p-Isopropyltoluene
 Concen: 1.845 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071519.D
 Acq: 24 Mar 2022 14:05

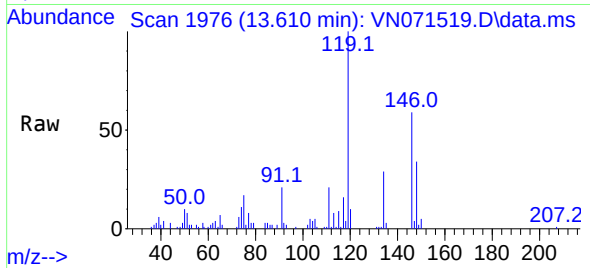
Tgt Ion:119 Resp: 47385
 Ion Ratio Lower Upper
 119 100
 134 26.7 0.0 51.8
 91 22.5 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 2.324 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05

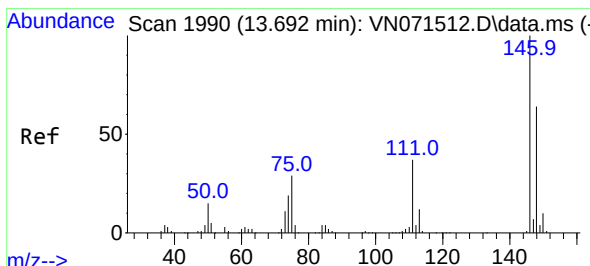
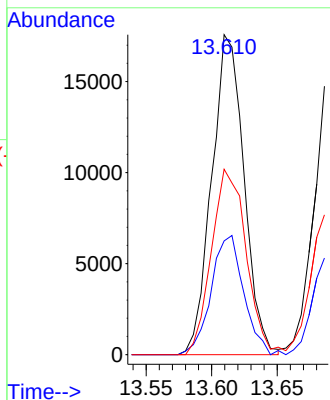
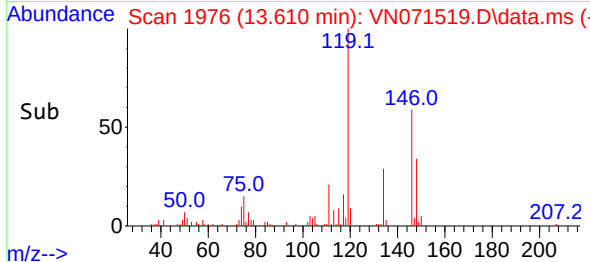
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2022



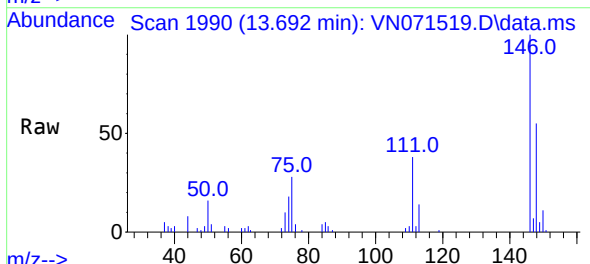
Tgt Ion:146 Resp: 30148
Ion Ratio Lower Upper
146 100
111 37.4 20.8 62.2
148 62.4 31.4 94.3

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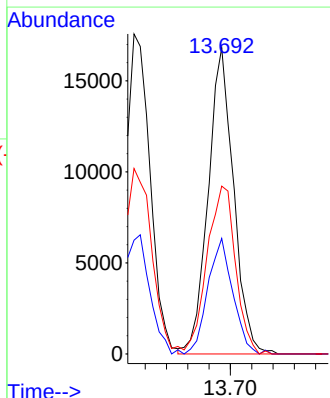
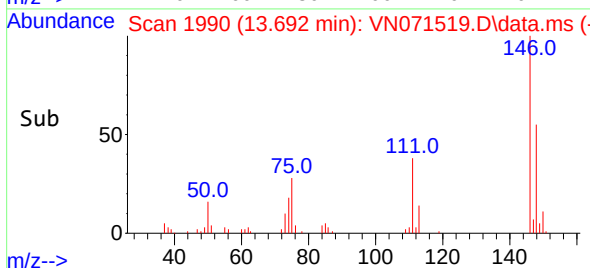
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

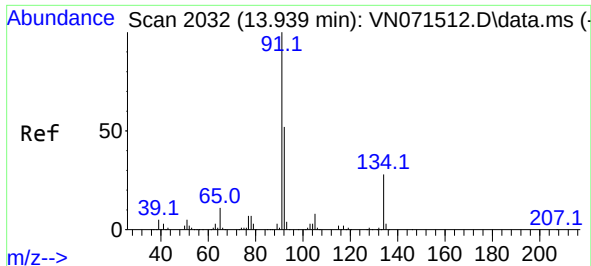


#84
1,4-Dichlorobenzene
Concen: 2.259 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05



Tgt Ion:146 Resp: 27974
Ion Ratio Lower Upper
146 100
111 36.8 19.5 58.5
148 60.8 31.1 93.5





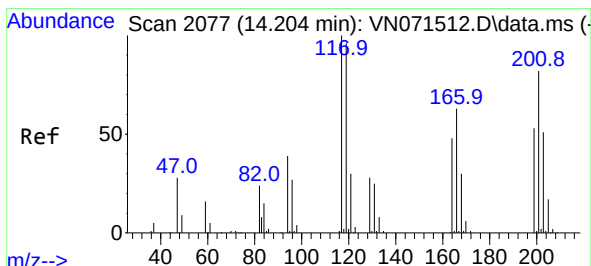
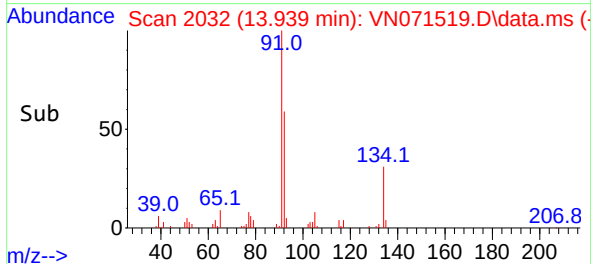
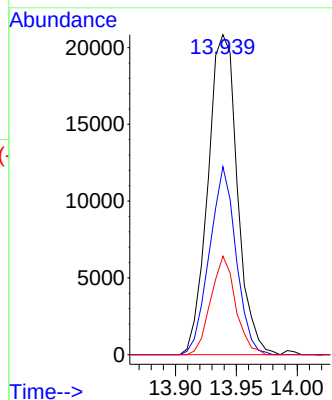
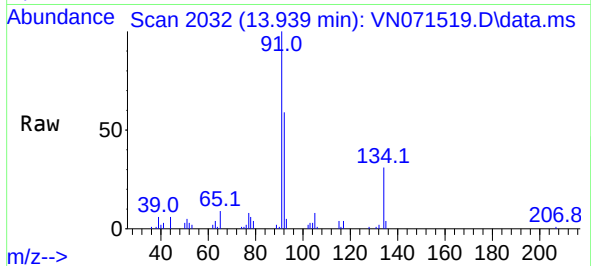
#85
n-Butylbenzene
Concen: 1.840 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2022

Tgt Ion: 91 Resp: 3510
Ion Ratio Lower Upper
91 100
92 53.1 0.0 100.6
134 25.9 0.0 50.2

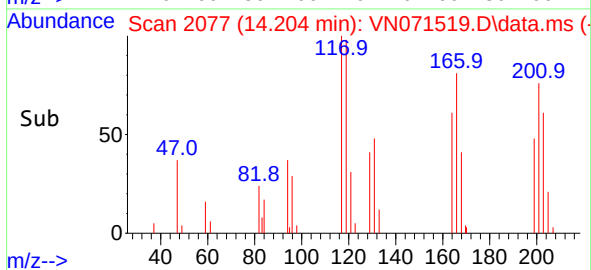
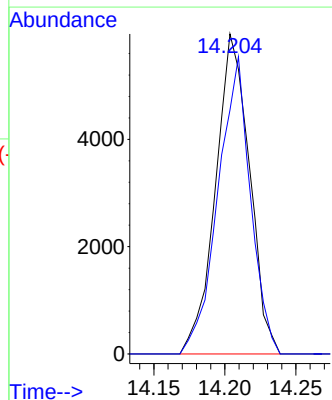
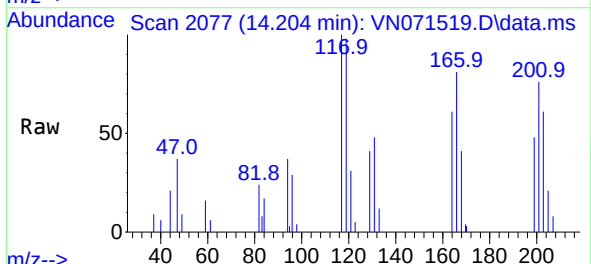
Manual Integrations
APPROVED

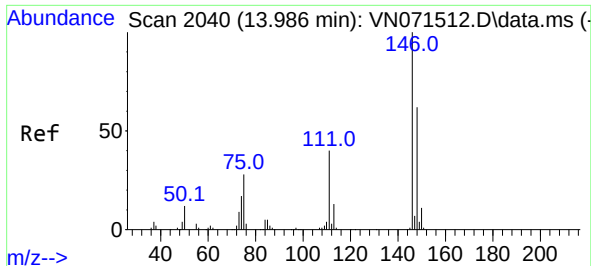
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#86
Hexachloroethane
Concen: 2.068 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05

Tgt Ion:117 Resp: 9917
Ion Ratio Lower Upper
117 100
201 88.6 33.3 99.8





#87

1,2-Dichlorobenzene

Concen: 2.316 ug/l

RT: 13.986 min Scan# 2040

Delta R.T. -0.000 min

Lab File: VN071519.D

Acq: 24 Mar 2022 14:05

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2022

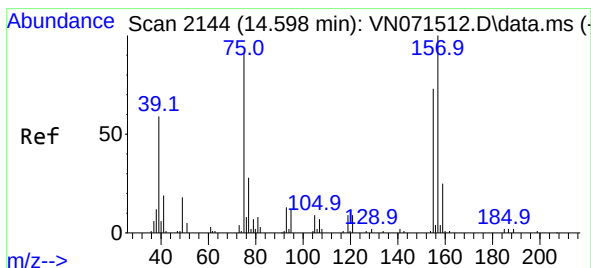
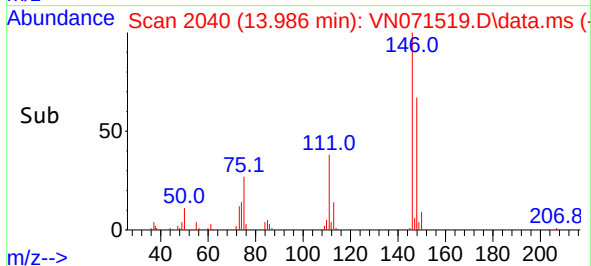
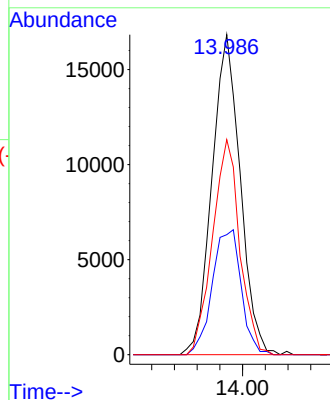
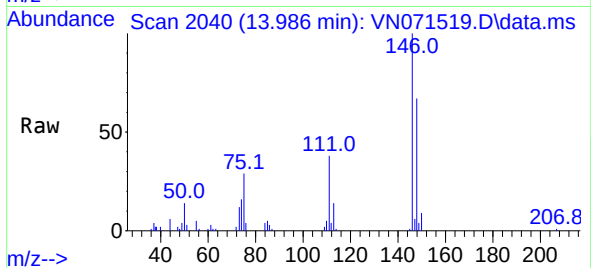
Tgt Ion:146	Resp:	2904
Ion Ratio	Lower	Upper
146	100	
111	39.9	21.4 64.2
148	64.8	32.5 97.4

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: 2.122 ug/l

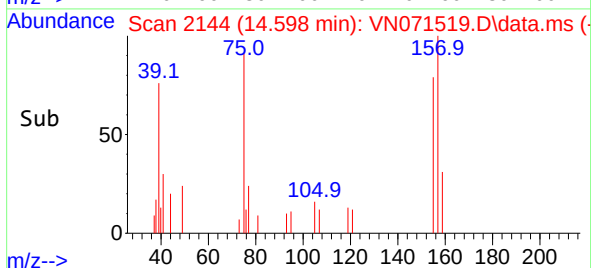
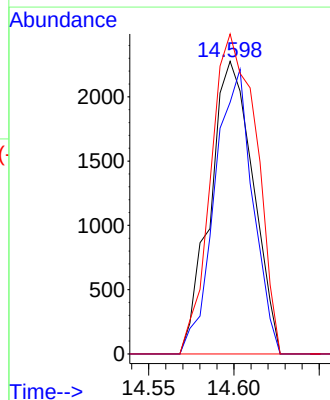
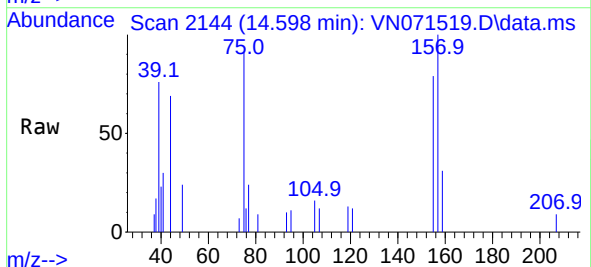
RT: 14.598 min Scan# 2144

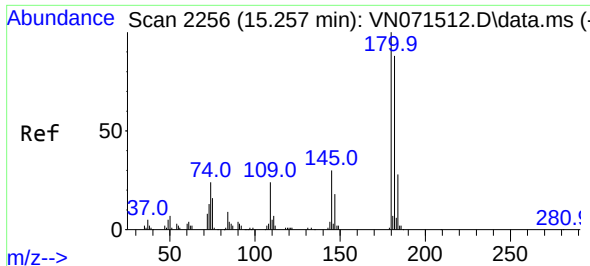
Delta R.T. -0.000 min

Lab File: VN071519.D

Acq: 24 Mar 2022 14:05

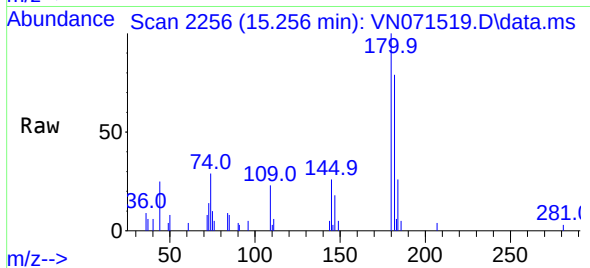
Tgt Ion: 75	Resp:	3993
Ion Ratio	Lower	Upper
75	100	
155	86.2	63.8 95.8
157	115.8	77.9 116.9





#89
1,2,4-Trichlorobenzene
Concen: 1.804 ug/l
RT: 15.256 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05

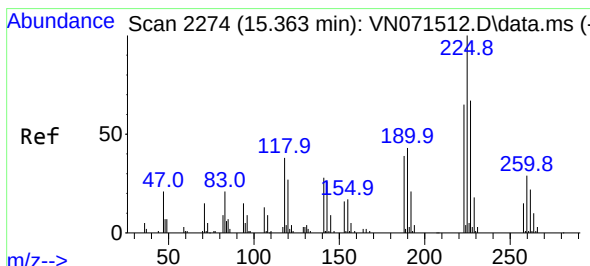
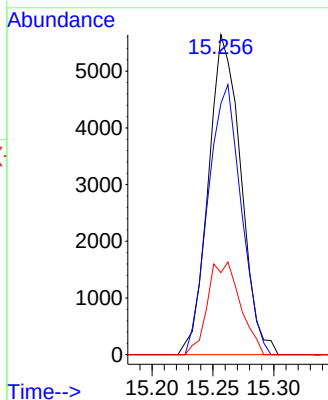
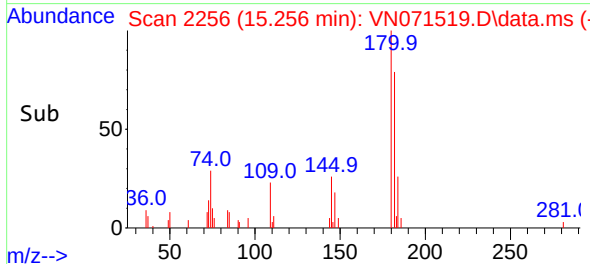
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



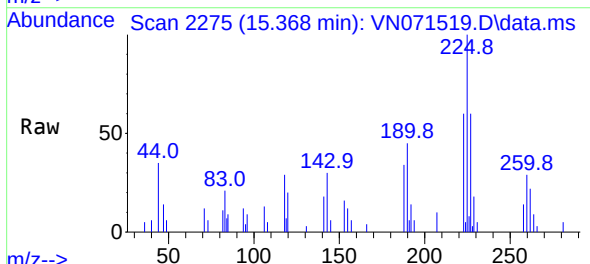
Tgt Ion:180 Resp: 10450
Ion Ratio Lower Upper
180 100
182 86.0 77.7 116.5
145 29.2 26.6 39.8

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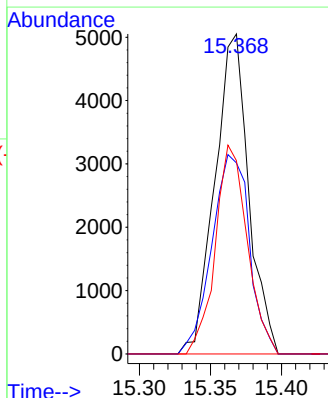
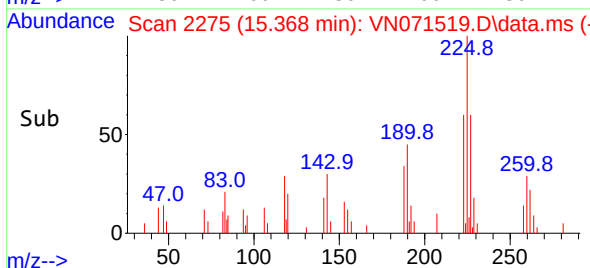
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

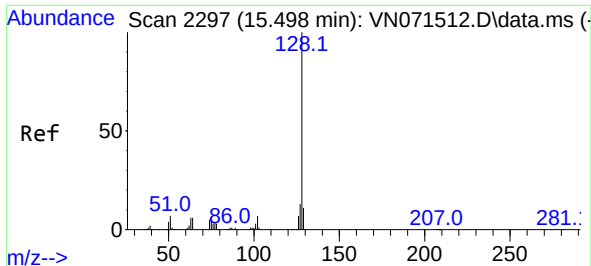


#90
Hexachlorobutadiene
Concen: 2.438 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.006 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05



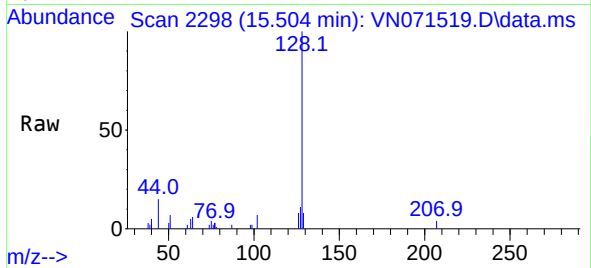
Tgt Ion:225 Resp: 8374
Ion Ratio Lower Upper
225 100
223 69.2 0.0 126.8
227 61.6 0.0 123.0





#91
Naphthalene
Concen: 7.839 ug/l
RT: 15.504 min Scan# 2149
Delta R.T. 0.006 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05

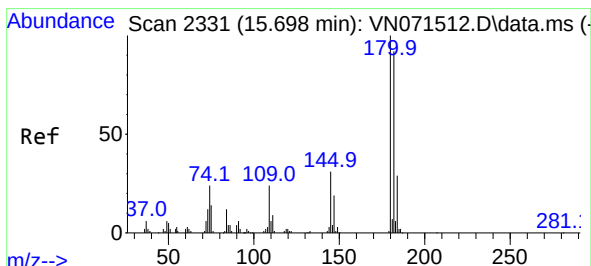
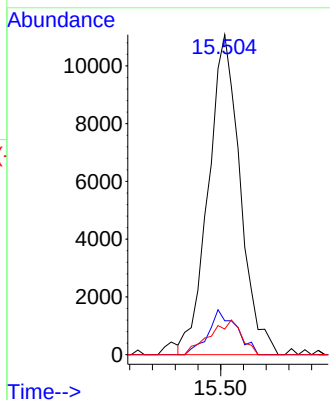
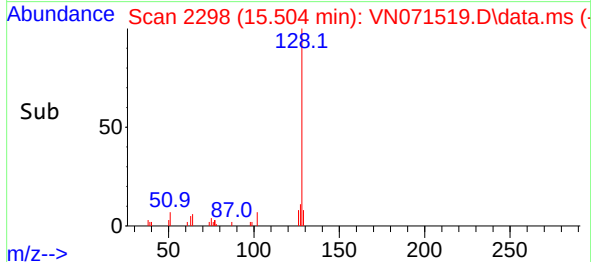
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



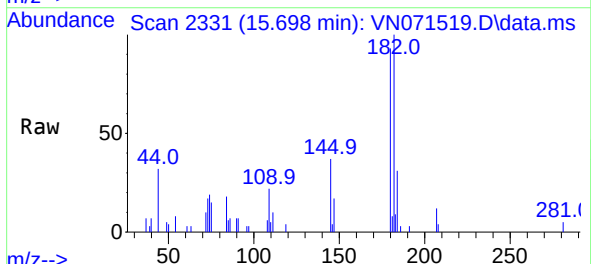
Tgt Ion:128 Resp: 2149
Ion Ratio Lower Upper
128 100
127 12.5 10.7 16.1
129 10.9 9.0 13.6

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: 1.775 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VN071519.D
Acq: 24 Mar 2022 14:05



Tgt Ion:180 Resp: 10094
Ion Ratio Lower Upper
180 100
182 99.2 0.0 190.0
145 31.3 0.0 67.8

