

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032422\
 Data File : VN071524.D
 Acq On : 24 Mar 2022 16:36
 Operator : JC\MD
 Sample : N1645-07 4PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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

Quant Time: Mar 25 09:07:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032422W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 25 09:07:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.651	128	104183	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	574444	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	502910	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	227724	31.024	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 103.400%	
60) 4-Bromofluorobenzene	12.727	95	201747	27.055	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 90.200%	
63) Toluene-d8	10.439	98	710802	31.135	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 103.800%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.069	85	23520	3.627	ug/l	99
3) Chloromethane	2.299	50	33901	4.436	ug/l	100
4) Vinyl Chloride	2.446	62	35793	4.084	ug/l	92
5) Bromomethane	2.851	94	27014	5.230	ug/l	93
6) Chloroethane	3.016	64	32656	5.818	ug/l	96
7) Trichlorofluoromethane	3.375	101	41568	4.068	ug/l	88
8) Diethyl Ether	3.822	74	16502	3.843	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.216	101	25244	4.125	ug/l #	52
10) 1,1-Dichloroethene	4.187	96	24109	3.994	ug/l	97
11) Methyl Iodide	4.422	142	33057	3.738	ug/l	91
12) Methyl Acetate	4.857	43	41234	4.848	ug/l	92
13) Acrolein	4.040	56	19932	22.025	ug/l	99
14) Acrylonitrile	5.551	53	77787	20.191	ug/l	97
15) Acetone	4.293	58	20391	18.392	ug/l	91
16) Carbon Disulfide	4.534	76	62945	4.005	ug/l	98
17) Allyl chloride	4.834	41	36936m	3.773	ug/l	
18) Methylene Chloride	5.098	84	31992	4.418	ug/l	92
19) trans-1,2-Dichloroethene	5.592	96	26539	4.111	ug/l	97
20) Diisopropyl ether	6.492	45	79974	3.904	ug/l	96
21) 1,1-Dichloroethane	6.386	63	49401	3.995	ug/l	98
22) cis-1,2-Dichloroethene	7.322	96	30130	3.842	ug/l	98
23) tert-Butyl Alcohol	5.357	59	27065m	19.688	ug/l	
24) Methyl tert-Butyl Ether	5.610	73	85981m	3.947	ug/l	
25) Chloroform	7.816	83	51098	4.108	ug/l	97
26) Cyclohexane	8.092	56	40716	3.809	ug/l #	95
29) 1,1-Dichloropropene	8.216	75	35228	3.789	ug/l	99
30) 2-Butanone	7.333	43	100498	19.418	ug/l	100
31) 2,2-Dichloropropane	7.322	77	41202	3.890	ug/l #	76
32) 1,1,1-Trichloroethane	8.016	97	43549	4.021	ug/l	98
33) Carbon Tetrachloride	8.204	117	36878	4.023	ug/l	95
34) Benzene	8.457	78	117670	4.073	ug/l #	85
35) Methacrylonitrile	7.633	41	18764	3.779	ug/l	95
36) 1,2-Dichloroethane	8.528	62	42324	4.200	ug/l	96
37) Trichloroethene	9.216	130	30546	4.098	ug/l	94
38) Methylcyclohexane	9.457	83	42822	3.654	ug/l	98
39) 1,2-Dichloropropane	9.480	63	29174	4.037	ug/l #	89
40) Dibromomethane	9.575	93	20834	4.259	ug/l	91
41) Bromodichloromethane	9.757	83	37424	3.823	ug/l	97
42) Vinyl Acetate	6.428	43	328690	18.535	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.410	43	43790	4.363	ug/l	100
44) Isopropyl Acetate	8.557	43	67264	4.179	ug/l	98
45) 1,4-Dioxane	9.563	88	11708	72.092	ug/l #	86
46) Methyl methacrylate	9.557	41	24608	3.486	ug/l	80
47) n-amyl Acetate	12.386	43	33983m	3.164	ug/l	
48) t-1,3-Dichloropropene	10.716	75	36737	3.453	ug/l	96
49) cis-1,3-Dichloropropene	10.186	75	41620	3.577	ug/l	91
50) 1,1,2-Trichloroethane	10.892	97	28951	3.959	ug/l	97
51) Ethyl methacrylate	10.757	69	39750	3.520	ug/l	91
52) 1,3-Dichloropropane	11.045	76	49609	3.972	ug/l	98
53) Dibromochloromethane	11.233	129	27626	3.649	ug/l	95
54) 1,2-Dibromoethane	11.345	107	29832	3.965	ug/l	97
55) 2-Chloroethyl vinyl ether	10.039	63	44701	14.693	ug/l	97
56) Bromoform	12.451	173	20043	3.434	ug/l #	97
58) 4-Methyl-2-Pentanone	10.327	43	189304	19.829	ug/l	95
59) 2-Hexanone	11.080	43	135092	19.381	ug/l	95
61) Tetrachloroethene	10.974	164	26619	4.349	ug/l	82
62) Toluene	10.504	91	125086	4.102	ug/l	95
64) Chlorobenzene	11.763	112	76264	4.054	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.833	131	27073	3.923	ug/l	99
66) Ethyl Benzene	11.839	91	122478	3.696	ug/l	96
67) m/p-Xylenes	11.951	106	92141	7.147	ug/l	98
68) o-Xylene	12.274	106	45415	3.544	ug/l	100
69) Styrene	12.292	104	67808	3.362	ug/l	96
70) Isopropylbenzene	12.574	105	114099	3.548	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.821	83	42988	4.107	ug/l	99
72) 1,2,3-Trichloropropane	12.874	75	33330m	3.706	ug/l	
73) Bromobenzene	12.857	156	28159	3.589	ug/l	99
74) n-propylbenzene	12.915	91	117507	3.348	ug/l	98
75) 2-Chlorotoluene	13.004	91	79220	3.612	ug/l	100
76) 1,3,5-Trimethylbenzene	13.057	105	90655	3.514	ug/l	97
77) t-1,4-Dichloro-2-butene	12.621	75	9178	2.907	ug/l	95
78) 4-Chlorotoluene	13.098	91	69644	3.400	ug/l	97
79) tert-butylbenzene	13.321	119	83576	3.590	ug/l	96
80) 1,2,4-Trimethylbenzene	13.363	105	82278	3.287	ug/l #	80
81) sec-Butylbenzene	13.498	105	103152	3.297	ug/l	98
82) p-Isopropyltoluene	13.610	119	78799	3.100	ug/l	97
83) 1,3-Dichlorobenzene	13.610	146	43651	3.400	ug/l	97
84) 1,4-Dichlorobenzene	13.692	146	40248	3.285	ug/l	97
85) n-Butylbenzene	13.939	91	52701	2.791	ug/l	97
86) Hexachloroethane	14.204	117	16491	3.474	ug/l	81
87) 1,2-Dichlorobenzene	13.986	146	44104	3.553	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.604	75	6474	3.476	ug/l #	81
89) 1,2,4-Trichlorobenzene	15.262	180	14295	2.492	ug/l	99
90) Hexachlorobutadiene	15.362	225	12718	3.741	ug/l	97
91) Naphthalene	15.504	128	32134	2.015	ug/l	98
92) 1,2,3-Trichlorobenzene	15.698	180	14575	2.590	ug/l	96

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

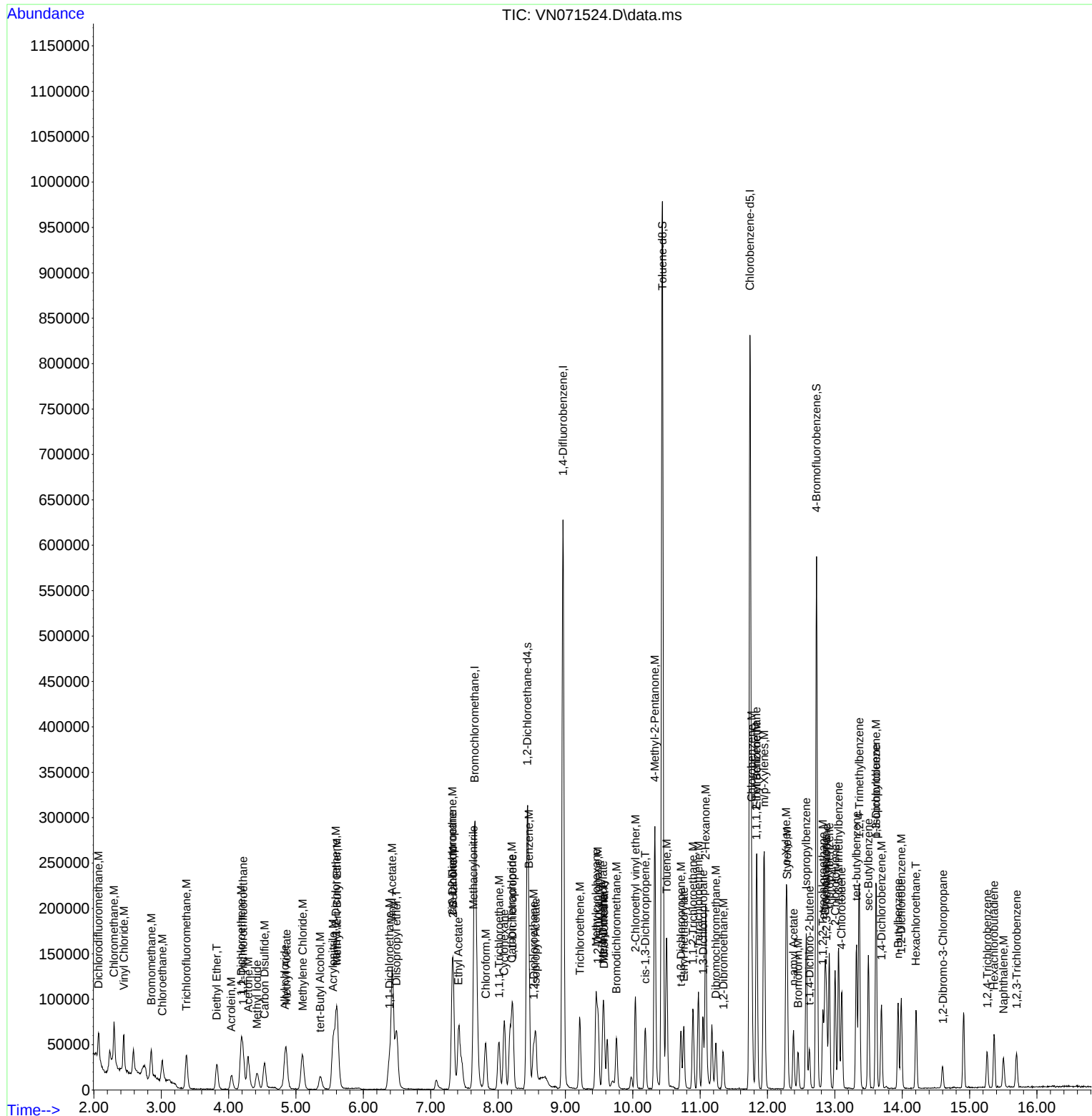
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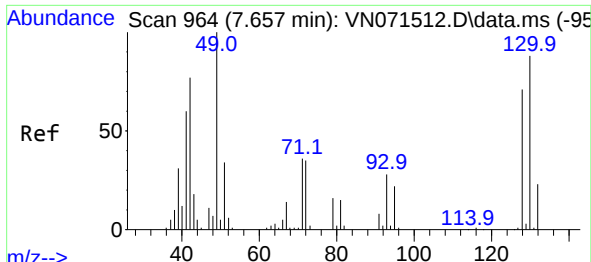
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

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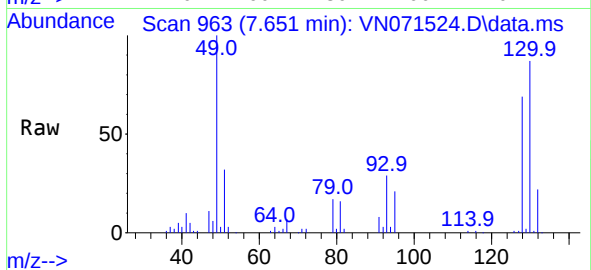
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.651 min Scan# 90
Delta R.T. -0.006 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36

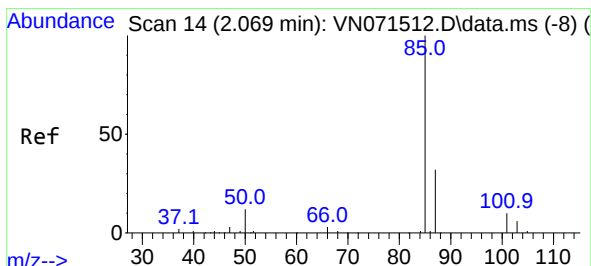
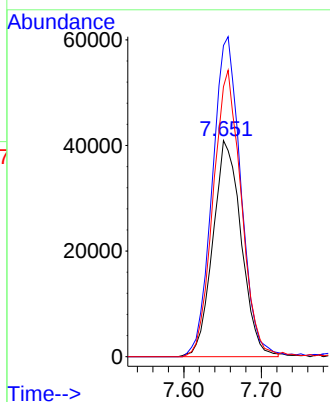
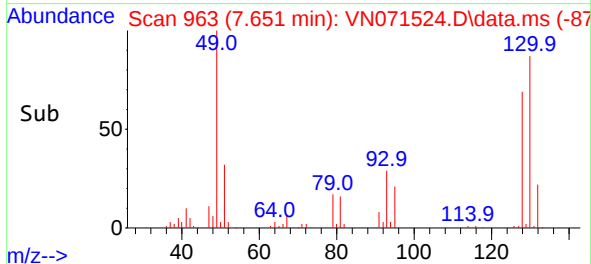
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



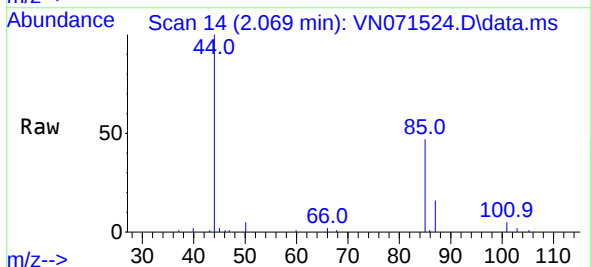
Tgt Ion:128 Resp: 10418
Ion Ratio Lower Upper
128 100
49 148.7 0.0 392.3
130 130.8 0.0 320.2

Manual Integrations
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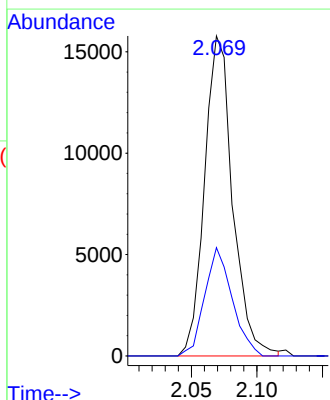
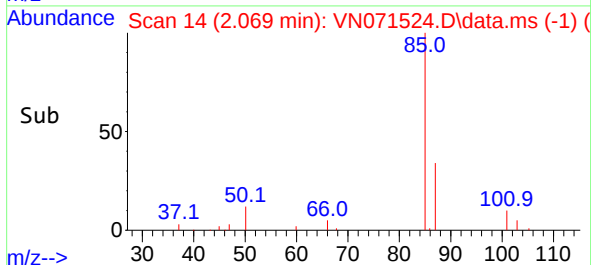
Reviewed By :John Carlone 03/25/2022
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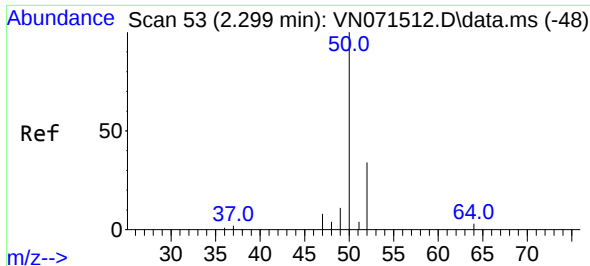


#2
Dichlorodifluoromethane
Concen: 3.627 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36



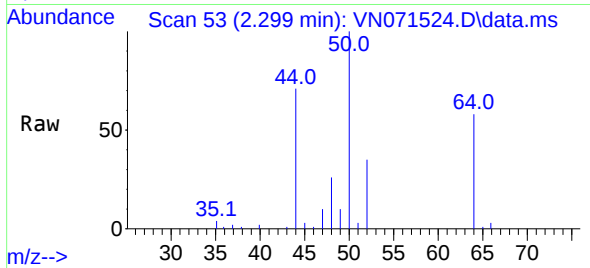
Tgt Ion: 85 Resp: 23520
Ion Ratio Lower Upper
85 100
87 33.9 16.6 49.7





#3
Chloromethane
Concen: 4.436 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36

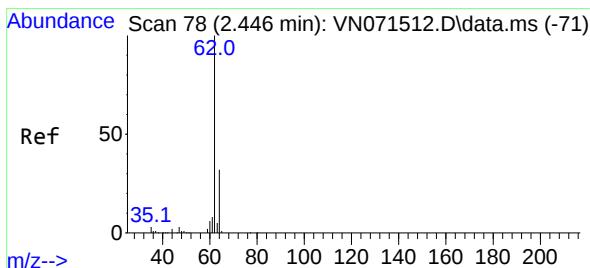
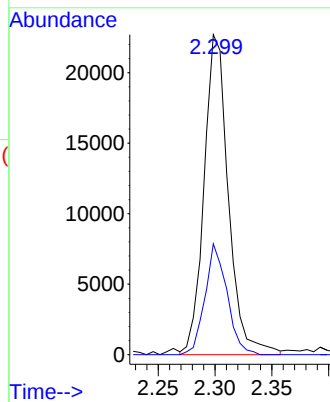
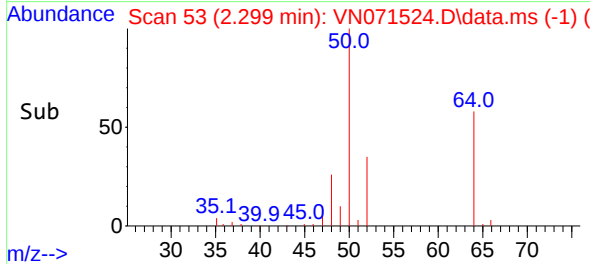
Instrument : MSVOA_N
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Tgt Ion: 50 Resp: 3390
Ion Ratio Lower Upper
50 100
52 35.0 27.8 41.6

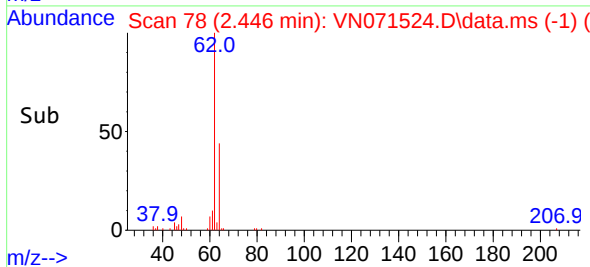
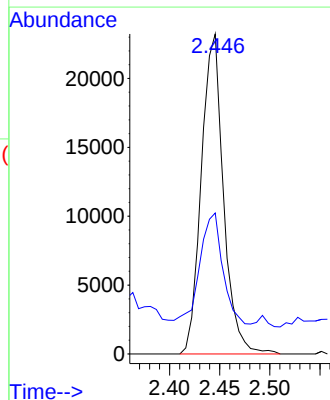
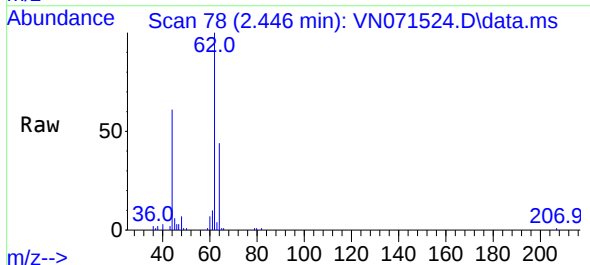
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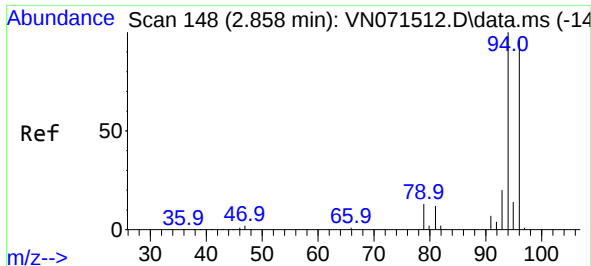
Reviewed By :John Carlone 03/25/2022
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#4
Vinyl Chloride
Concen: 4.084 ug/l
RT: 2.446 min Scan# 78
Delta R.T. -0.000 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36

Tgt Ion: 62 Resp: 35793
Ion Ratio Lower Upper
62 100
64 35.6 25.1 37.7





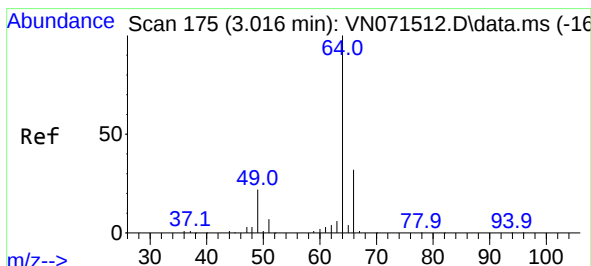
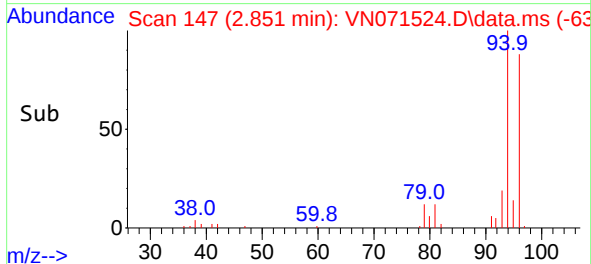
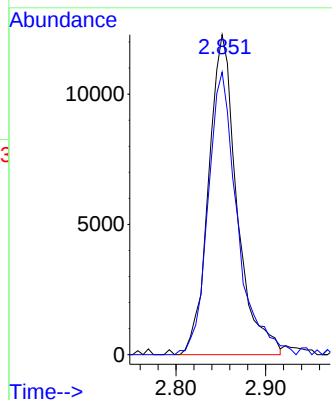
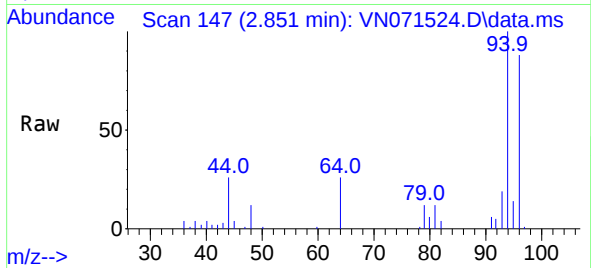
#5
Bromomethane
Concen: 5.230 ug/l
RT: 2.851 min Scan# 148
Delta R.T. -0.006 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36

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

Tgt Ion: 94 Resp: 27014
Ion Ratio Lower Upper
94 100
96 87.0 75.2 112.8

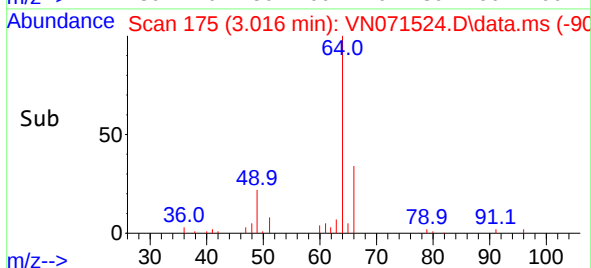
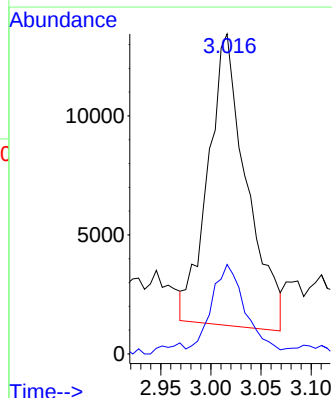
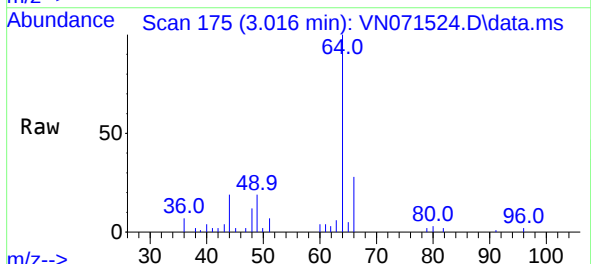
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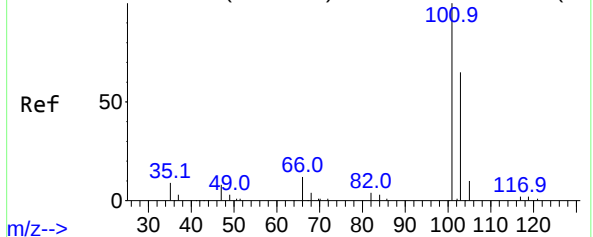


#6
Chloroethane
Concen: 5.818 ug/l
RT: 3.016 min Scan# 175
Delta R.T. -0.000 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36

Tgt Ion: 64 Resp: 32656
Ion Ratio Lower Upper
64 100
66 32.9 24.6 36.8



Abundance Scan 237 (3.381 min): VN071512.D\data.ms (-22



#7

Trichlorofluoromethane

Concen: 4.068 ug/l

RT: 3.375 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN071524.D

Acq: 24 Mar 2022 16:36

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ClientSampleId :

LOD-MDL-WATER-01-QT1-2022

Tgt Ion:101 Resp: 4156

Ion Ratio Lower Upper

101 100

103 53.3 50.1 75.1

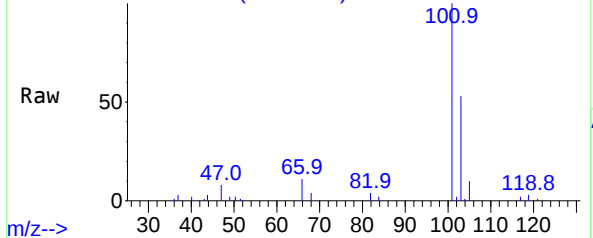
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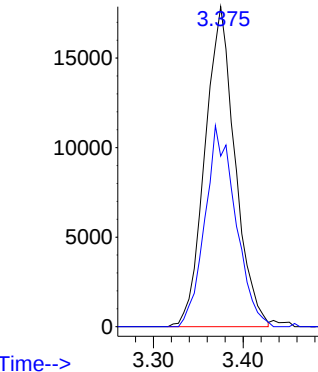
Reviewed By :John Carlone 03/25/2022

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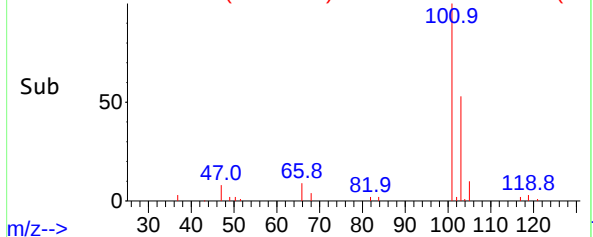
Abundance Scan 236 (3.375 min): VN071524.D\data.ms



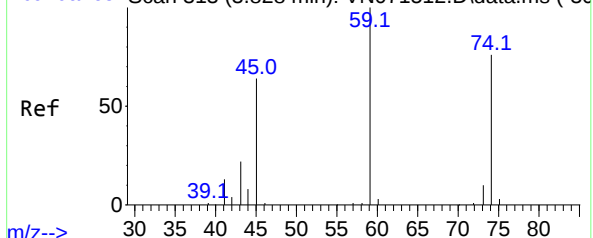
Abundance



Abundance Scan 236 (3.375 min): VN071524.D\data.ms (-15



Abundance Scan 313 (3.828 min): VN071512.D\data.ms (-30



#8

Diethyl Ether

Concen: 3.843 ug/l

RT: 3.822 min Scan# 312

Delta R.T. -0.006 min

Lab File: VN071524.D

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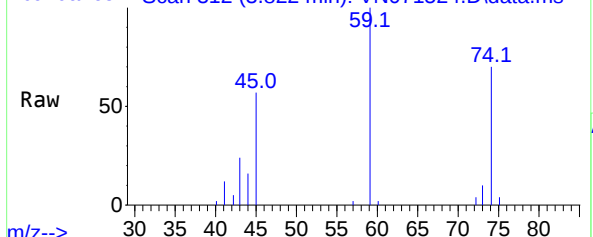
Tgt Ion: 74 Resp: 16502

Ion Ratio Lower Upper

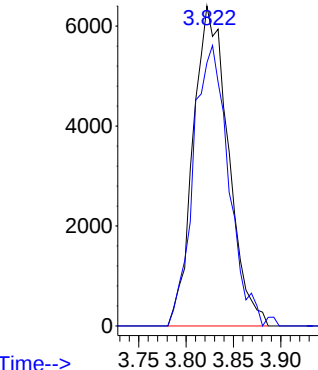
74 100

45 85.9 17.6 158.8

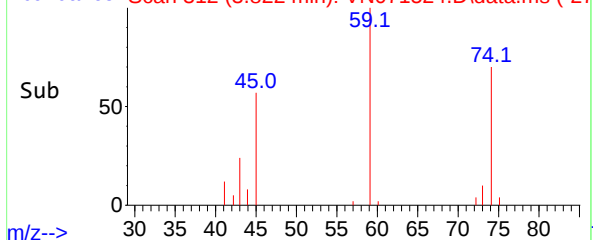
Abundance Scan 312 (3.822 min): VN071524.D\data.ms

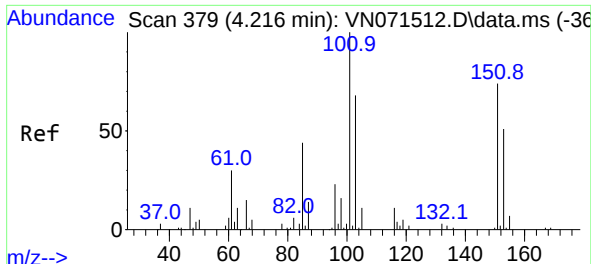


Abundance



Abundance Scan 312 (3.822 min): VN071524.D\data.ms (-27





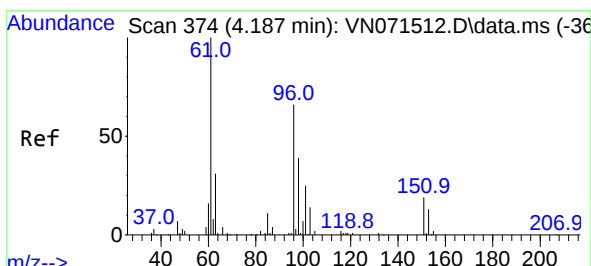
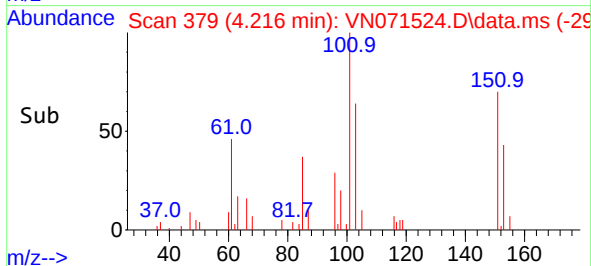
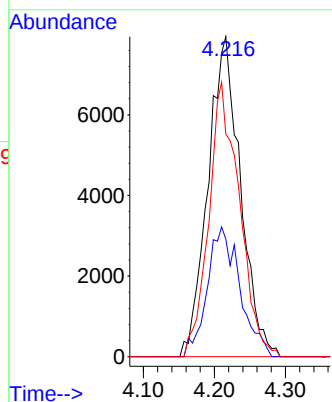
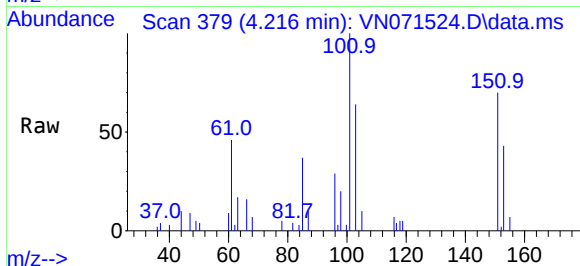
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.125 ug/l
RT: 4.216 min Scan# 379
Delta R.T. -0.000 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36

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

Tgt Ion: 101 Resp: 2524
Ion Ratio Lower Upper
101 100
85 27.5 0.0 94.0
151 80.4 0.0 74.6

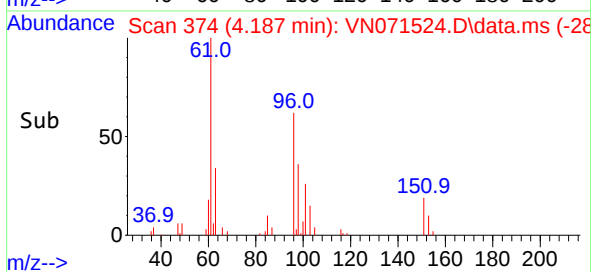
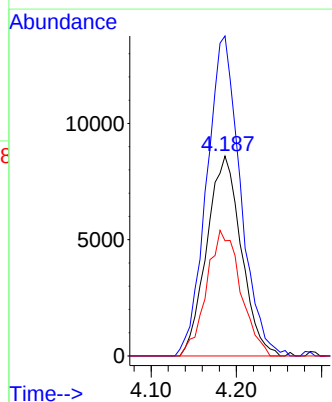
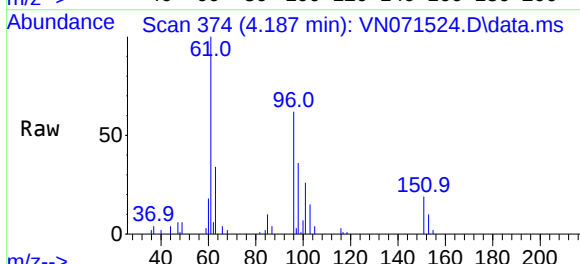
Manual Integrations
APPROVED

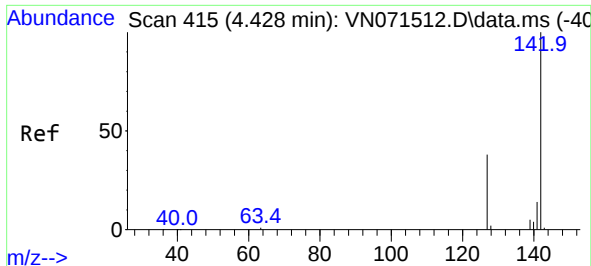
Reviewed By : John Carlone 03/25/2022
Supervised By : Mahesh Dadoda 03/25/2022



#10
1,1-Dichloroethene
Concen: 3.994 ug/l
RT: 4.187 min Scan# 374
Delta R.T. -0.000 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36

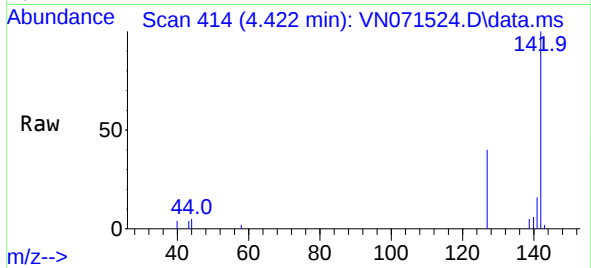
Tgt Ion: 96 Resp: 24109
Ion Ratio Lower Upper
96 100
61 158.4 126.2 189.4
98 57.6 50.9 76.3





#11
Methyl Iodide
Concen: 3.738 ug/l
RT: 4.422 min Scan# 415
Delta R.T. -0.006 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36

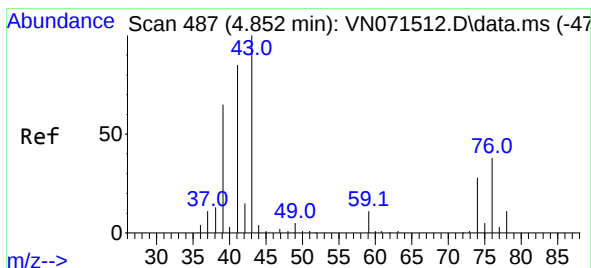
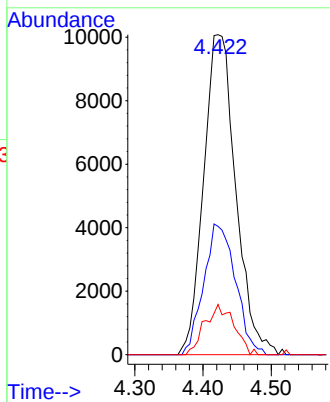
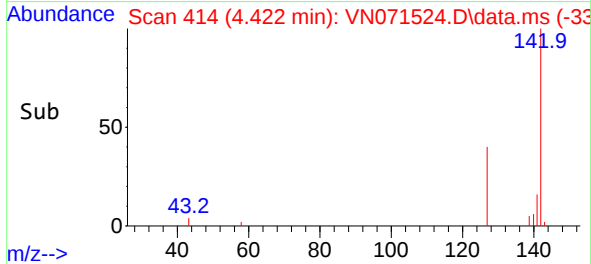
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



Tgt Ion:142 Resp: 3305
Ion Ratio Lower Upper
142 100
127 40.1 24.0 72.0
141 15.7 8.4 25.2

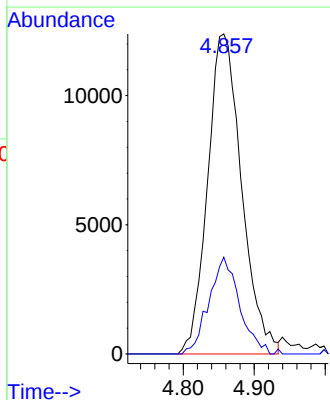
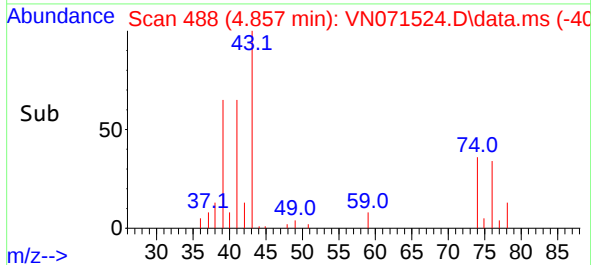
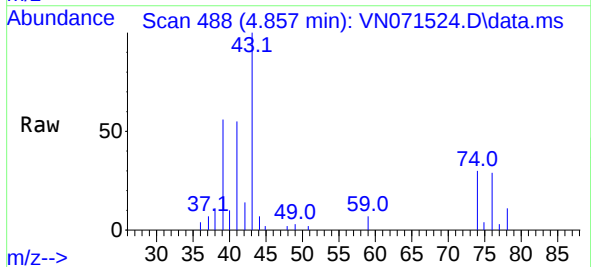
Manual Integrations
APPROVED

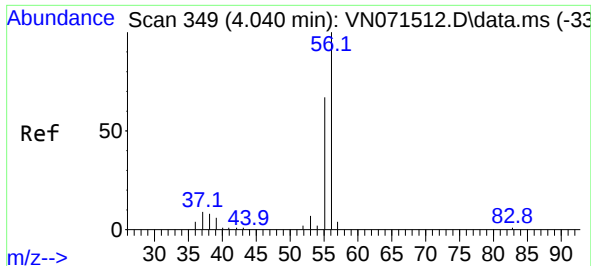
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#12
Methyl Acetate
Concen: 4.848 ug/l
RT: 4.857 min Scan# 488
Delta R.T. 0.006 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36

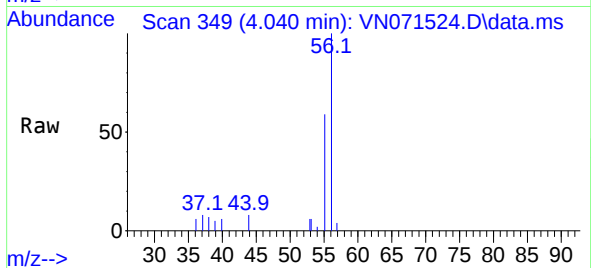
Tgt Ion: 43 Resp: 41234
Ion Ratio Lower Upper
43 100
74 30.0 20.8 31.2





#13
Acrolein
Concen: 22.025 ug/l
RT: 4.040 min Scan# 349
Delta R.T. -0.000 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36

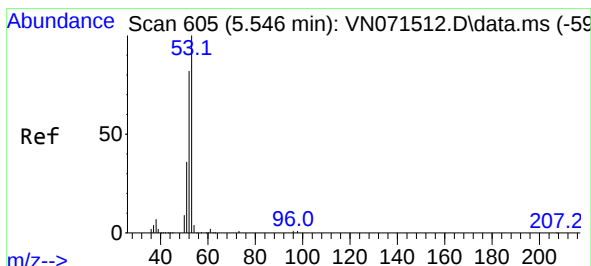
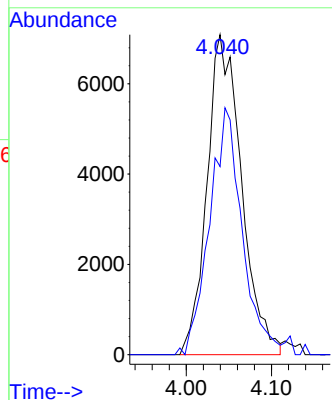
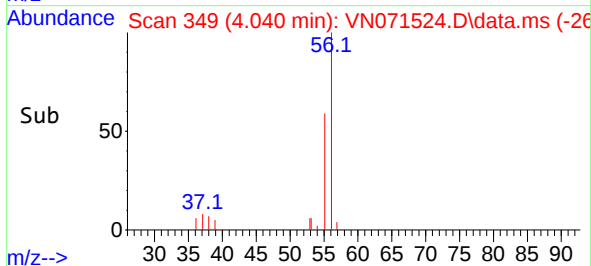
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



Tgt Ion: 56 Resp: 1993
Ion Ratio Lower Upper
56 100
55 72.5 57.6 86.4

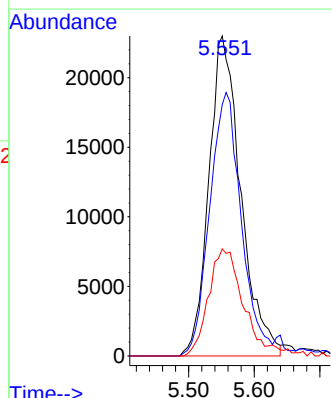
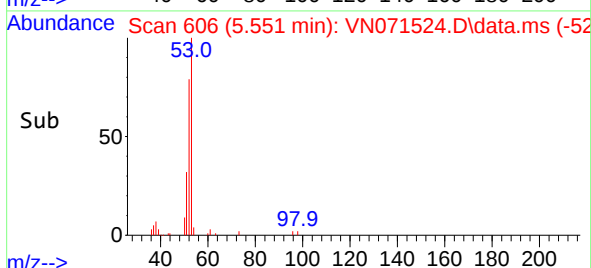
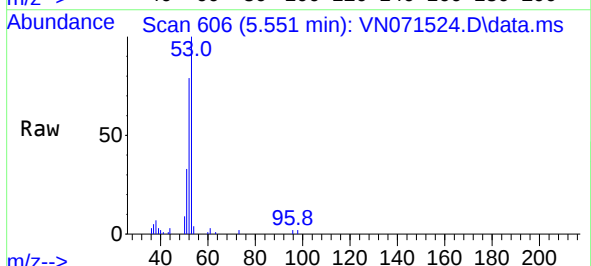
Manual Integrations
APPROVED

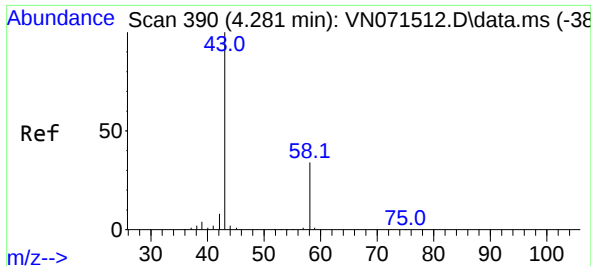
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#14
Acrylonitrile
Concen: 20.191 ug/l
RT: 5.551 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36

Tgt Ion: 53 Resp: 77787
Ion Ratio Lower Upper
53 100
52 81.2 41.8 125.4
51 34.9 19.0 57.0





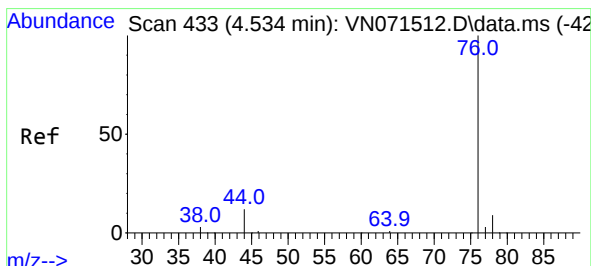
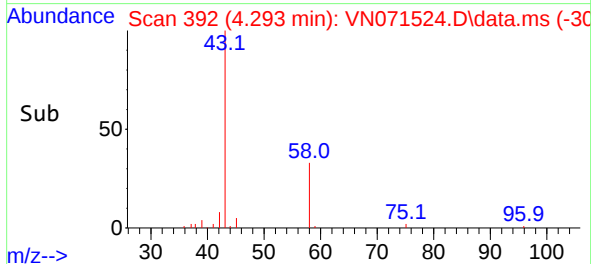
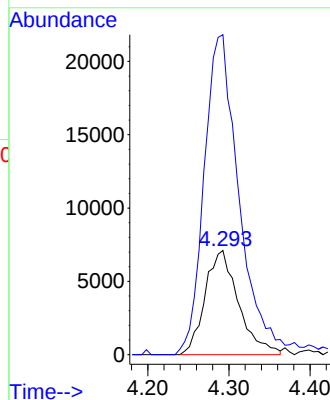
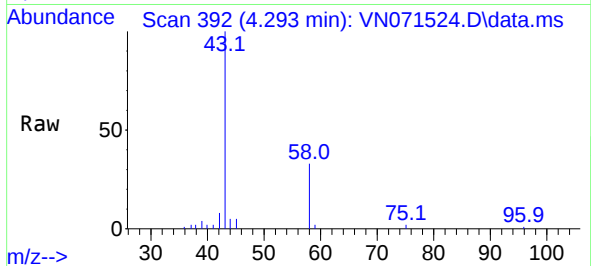
#15
Acetone
Concen: 18.392 ug/l
RT: 4.293 min Scan# 390
Delta R.T. 0.012 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36

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

Tgt Ion: 58 Resp: 2039
Ion Ratio Lower Upper
58 100
43 302.1 256.6 384.8

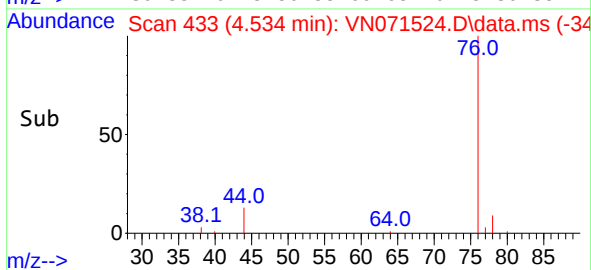
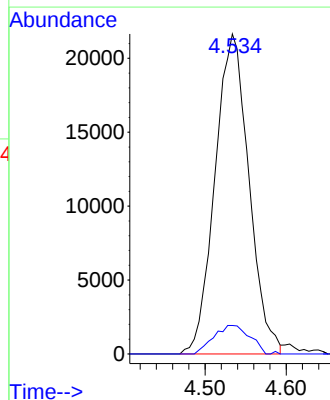
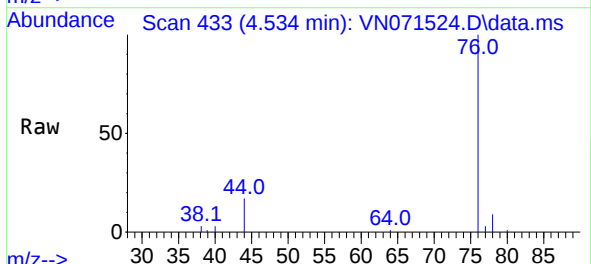
Manual Integrations
APPROVED

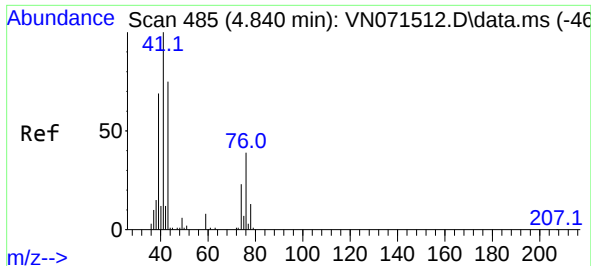
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#16
Carbon Disulfide
Concen: 4.005 ug/l
RT: 4.534 min Scan# 433
Delta R.T. -0.000 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36

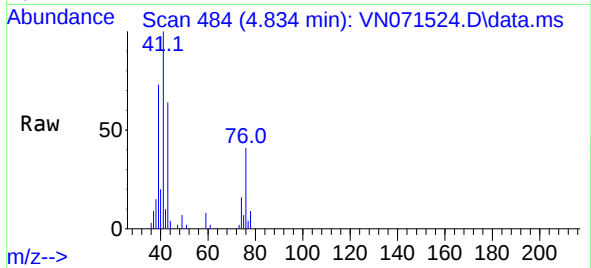
Tgt Ion: 76 Resp: 62945
Ion Ratio Lower Upper
76 100
78 8.9 7.8 11.8





#17
 Allyl chloride
 Concen: 3.773 ug/l m
 RT: 4.834 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VN071524.D
 Acq: 24 Mar 2022 16:36

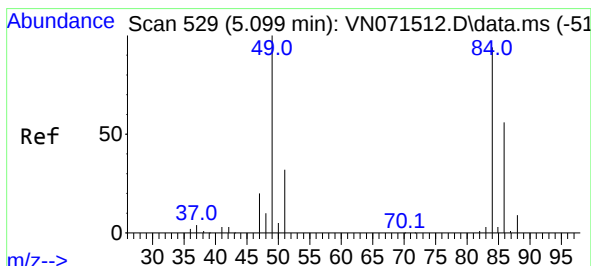
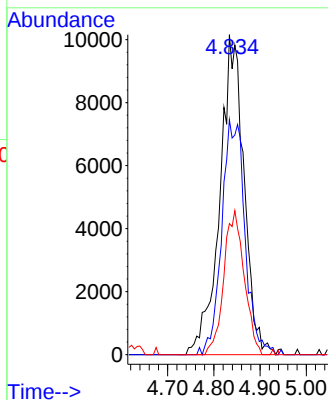
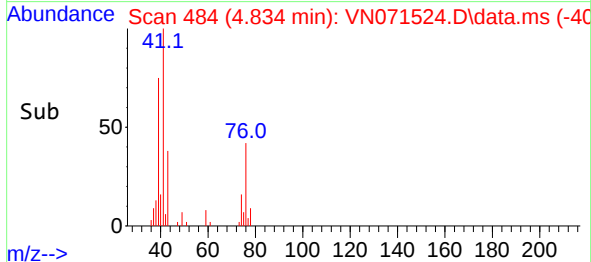
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2022



Tgt Ion: 41 Resp: 36930
 Ion Ratio Lower Upper
 41 100
 39 73.4 44.6 134.0
 76 41.0 19.6 58.7

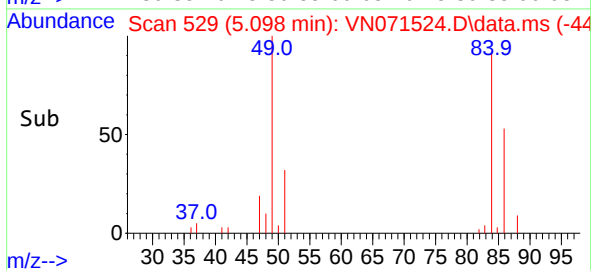
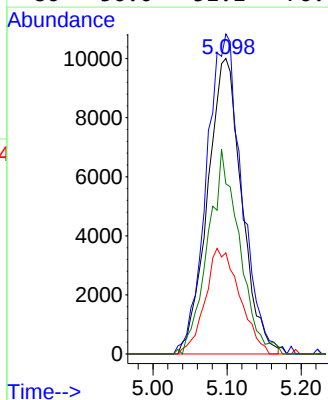
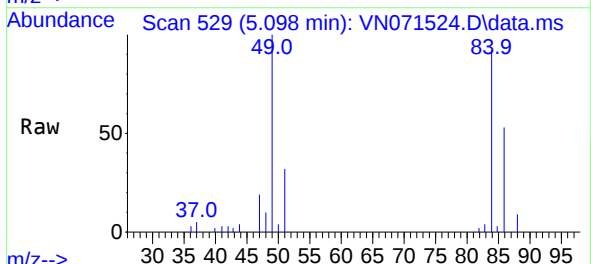
Manual Integrations
 APPROVED

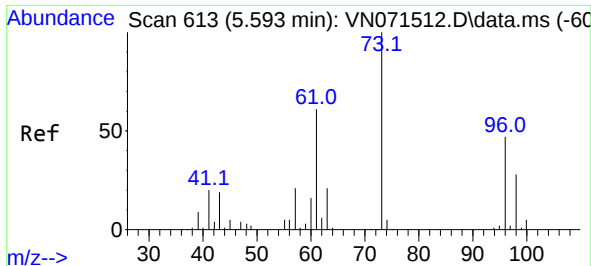
Reviewed By :John Carlone 03/25/2022
 Supervised By :Mahesh Dadoda 03/25/2022



#18
 Methylene Chloride
 Concen: 4.418 ug/l
 RT: 5.098 min Scan# 529
 Delta R.T. -0.000 min
 Lab File: VN071524.D
 Acq: 24 Mar 2022 16:36

Tgt Ion: 84 Resp: 31992
 Ion Ratio Lower Upper
 84 100
 49 105.9 91.4 137.0
 51 34.2 29.4 44.0
 86 56.0 51.1 76.7





#19

trans-1,2-Dichloroethene

Concen: 4.111 ug/l

RT: 5.592 min Scan# 613

Delta R.T. -0.000 min

Lab File: VN071524.D

Acq: 24 Mar 2022 16:36

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2022

Tgt Ion: 96 Resp: 26539

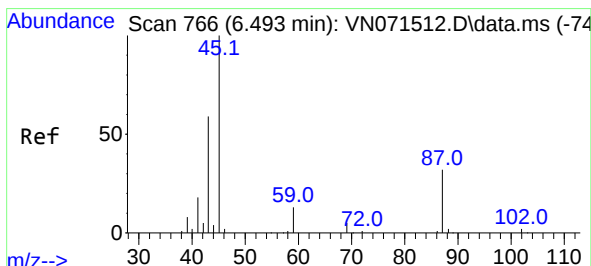
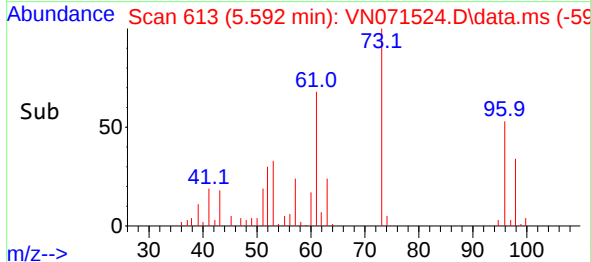
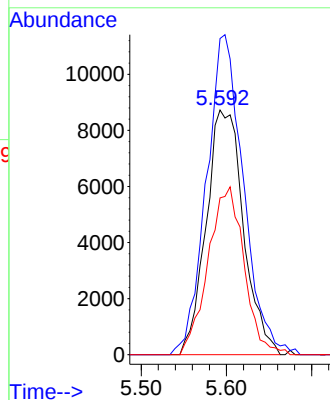
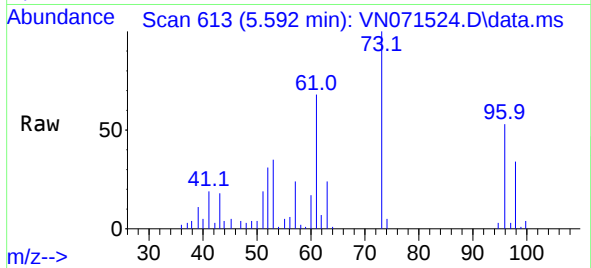
Ion	Ratio	Lower	Upper
96	100		
61	125.6	102.8	154.2
98	64.1	49.3	73.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2022

Supervised By :Mahesh Dadoda 03/25/2022



#20

Diisopropyl ether

Concen: 3.904 ug/l

RT: 6.492 min Scan# 766

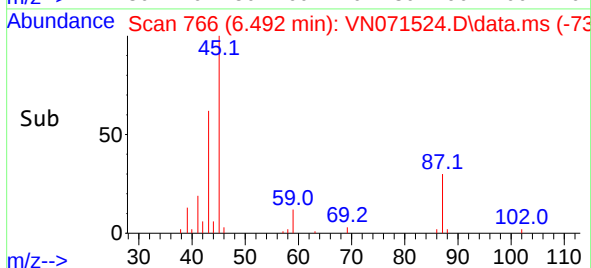
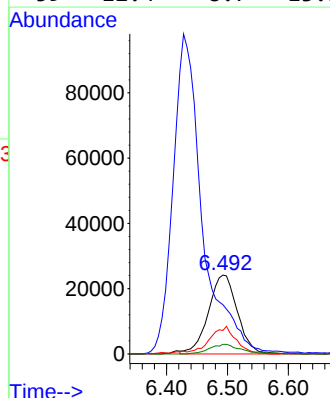
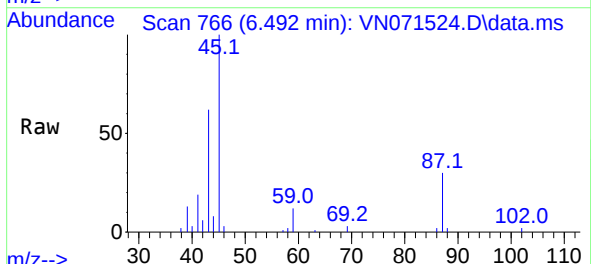
Delta R.T. -0.000 min

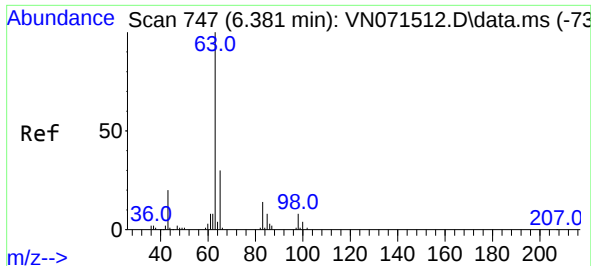
Lab File: VN071524.D

Acq: 24 Mar 2022 16:36

Tgt Ion: 45 Resp: 79974

Ion	Ratio	Lower	Upper
45	100		
43	59.7	51.0	76.4
87	30.1	25.0	37.4
59	12.4	8.7	13.1





#21

1,1-Dichloroethane

Concen: 3.995 ug/l

RT: 6.386 min Scan# 74

Delta R.T. 0.006 min

Lab File: VN071524.D

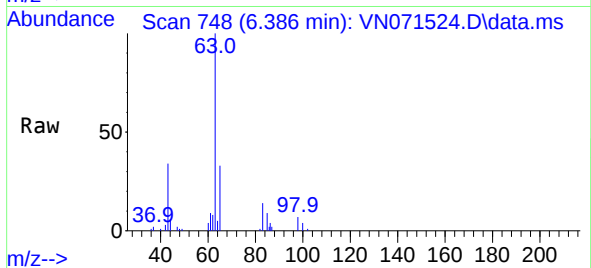
Acq: 24 Mar 2022 16:36

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2022



Tgt Ion: 63 Resp: 4940

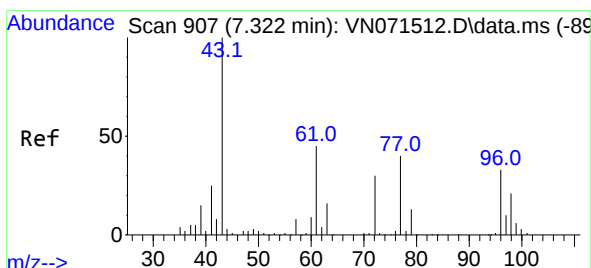
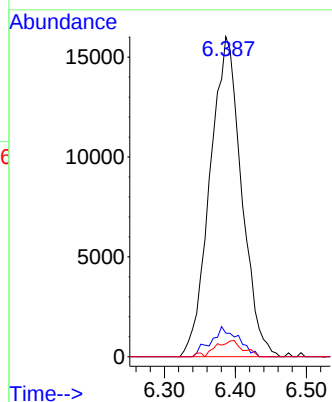
Ion	Ratio	Lower	Upper
63	100		
98	7.3	3.2	9.6
100	4.0	2.1	6.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2022

Supervised By :Mahesh Dadoda 03/25/2022



#22

cis-1,2-Dichloroethene

Concen: 3.842 ug/l

RT: 7.322 min Scan# 907

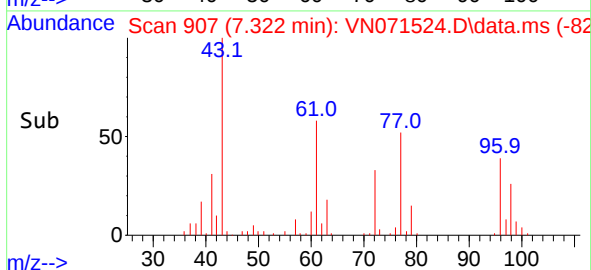
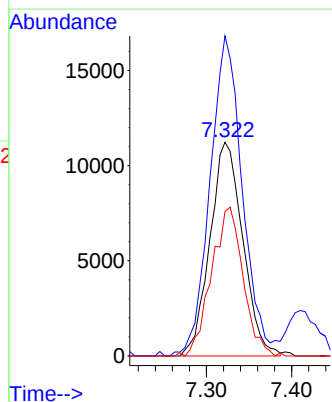
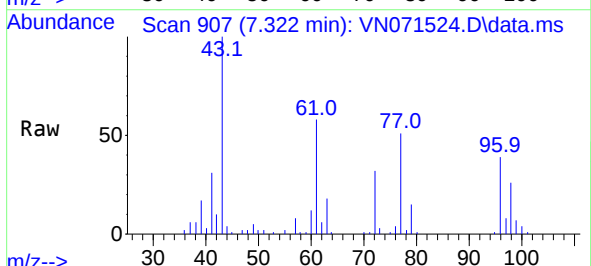
Delta R.T. -0.000 min

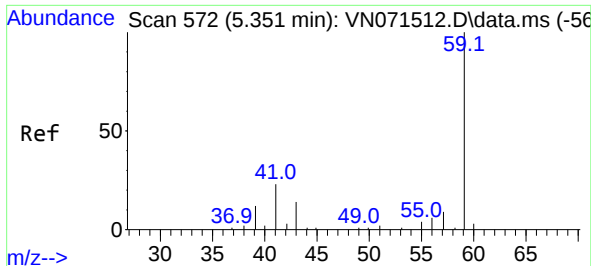
Lab File: VN071524.D

Acq: 24 Mar 2022 16:36

Tgt Ion: 96 Resp: 30130

Ion	Ratio	Lower	Upper
96	100		
61	146.1	115.7	173.5
98	66.5	51.6	77.4





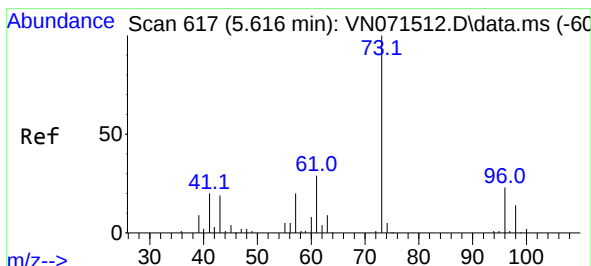
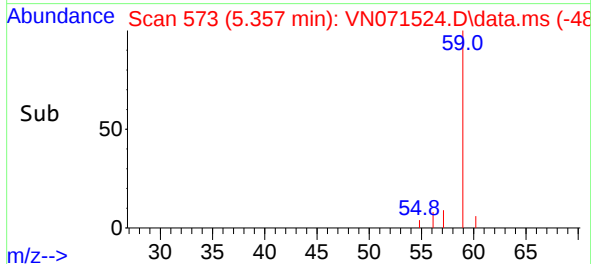
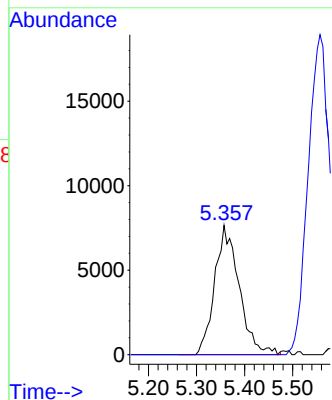
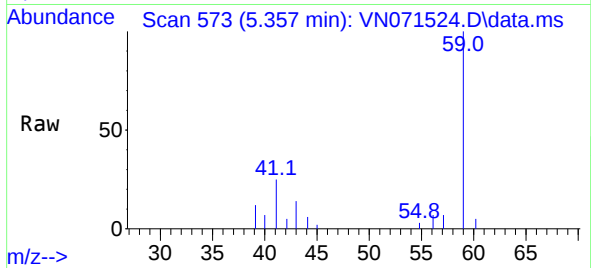
#23
tert-Butyl Alcohol
Concen: 19.688 ug/l m
RT: 5.357 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36

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

Tgt Ion: 59 Resp: 2706
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

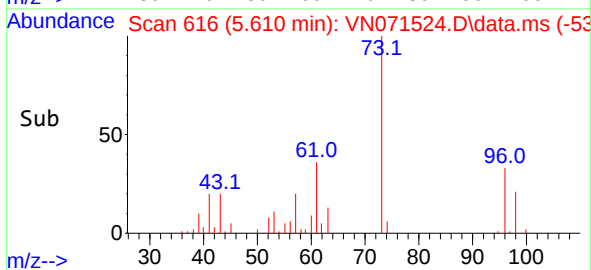
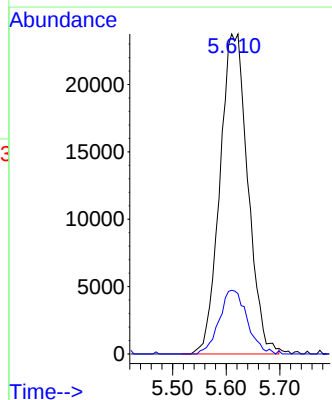
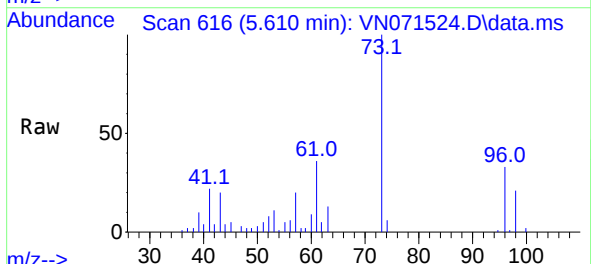
Manual Integrations
APPROVED

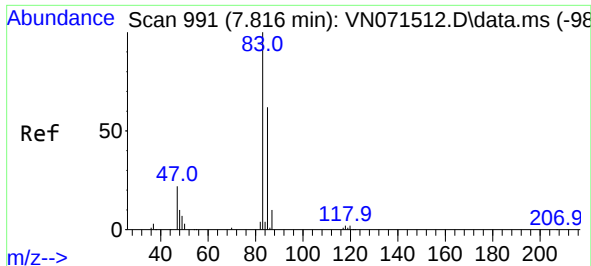
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#24
Methyl tert-Butyl Ether
Concen: 3.947 ug/l m
RT: 5.610 min Scan# 616
Delta R.T. -0.006 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36

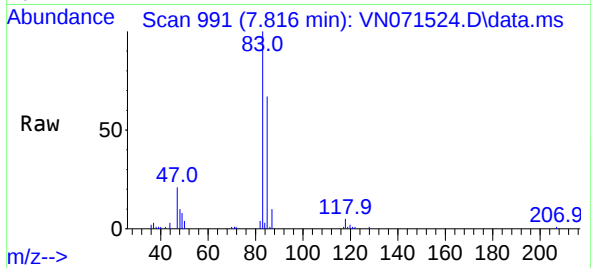
Tgt Ion: 73 Resp: 85981
Ion Ratio Lower Upper
73 100
43 19.7 18.1 27.1





#25
Chloroform
Concen: 4.108 ug/l
RT: 7.816 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36

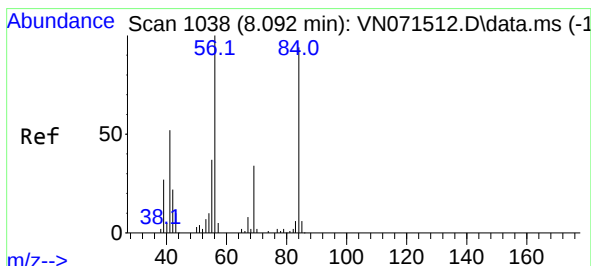
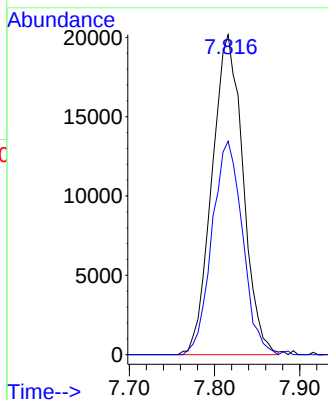
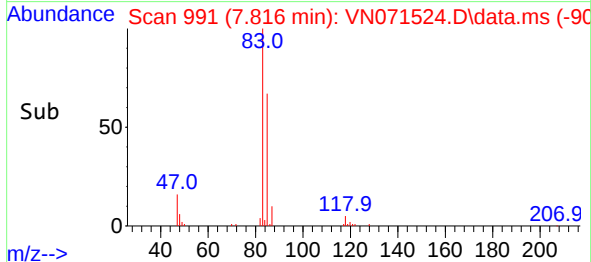
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2022



Tgt Ion: 83 Resp: 51098
Ion Ratio Lower Upper
83 100
85 66.7 51.3 76.9

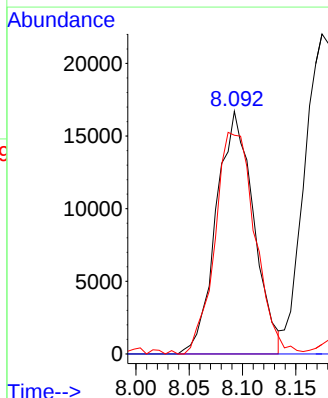
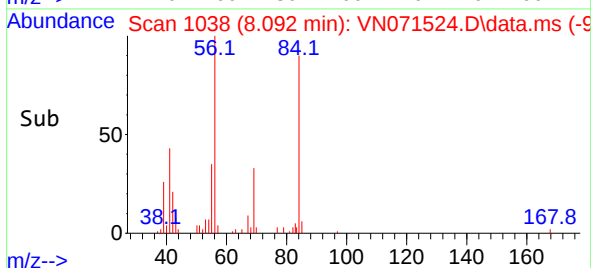
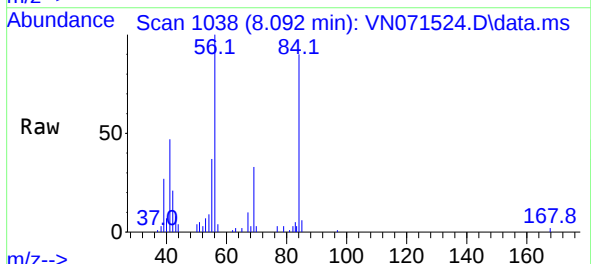
Manual Integrations
APPROVED

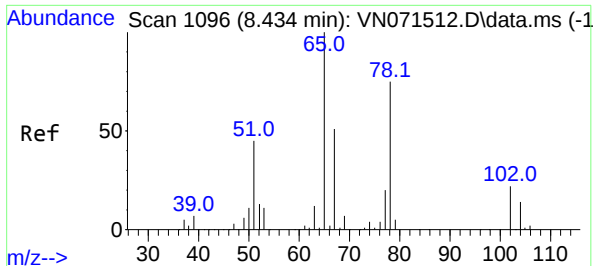
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#26
Cyclohexane
Concen: 3.809 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36

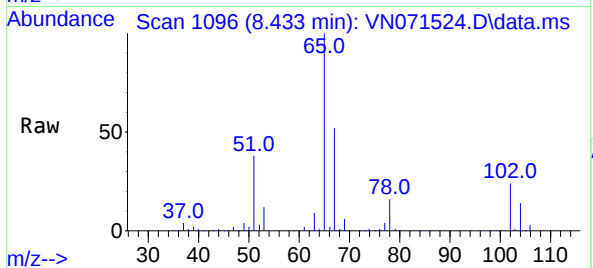
Tgt Ion: 56 Resp: 40716
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 98.0 74.6 111.8





#27
1,2-Dichloroethane-d4
Concen: 31.024 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36

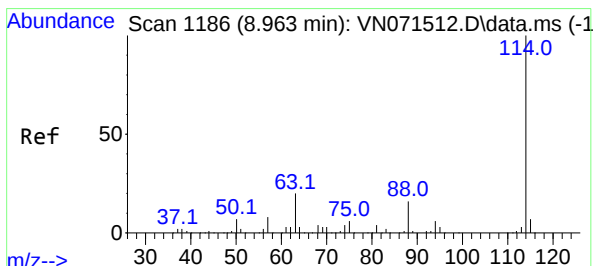
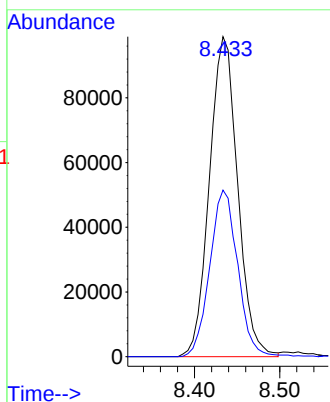
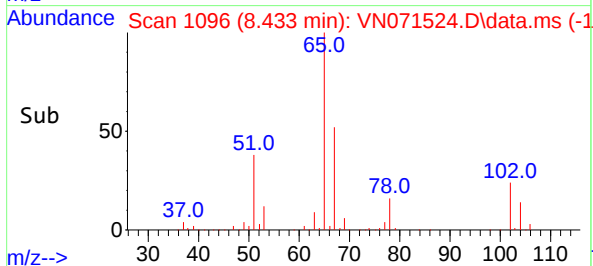
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



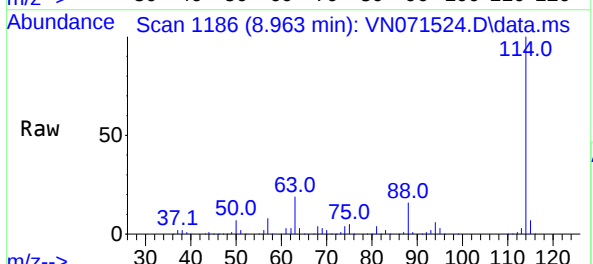
Tgt Ion: 65 Resp: 227724
Ion Ratio Lower Upper
65 100
67 51.2 40.2 60.2

Manual Integrations
APPROVED

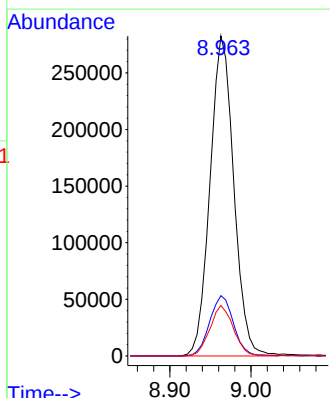
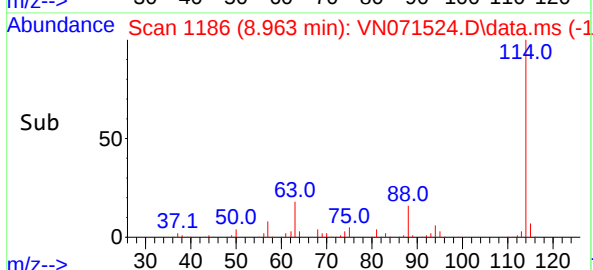
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

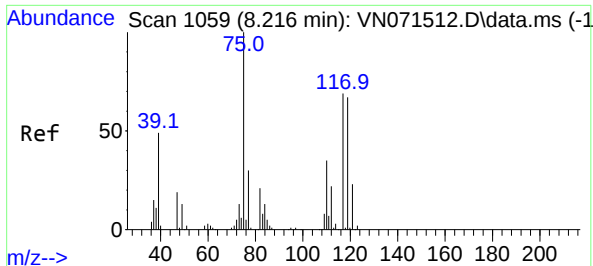


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36



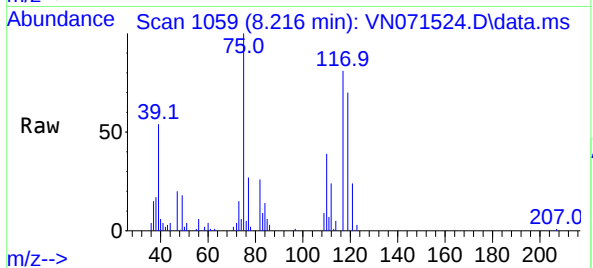
Tgt Ion:114 Resp: 574444
Ion Ratio Lower Upper
114 100
63 19.0 15.8 23.6
88 15.6 11.6 17.4





#29
1,1-Dichloropropene
Concen: 3.789 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36

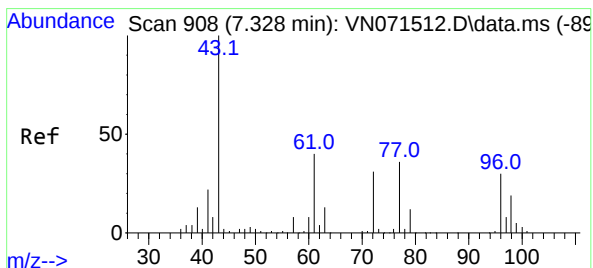
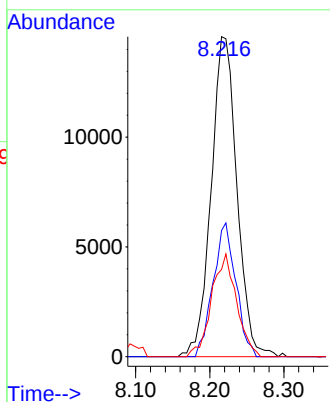
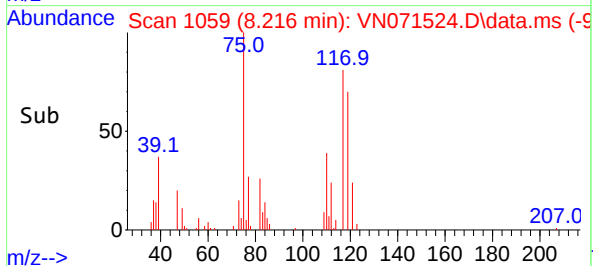
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2022



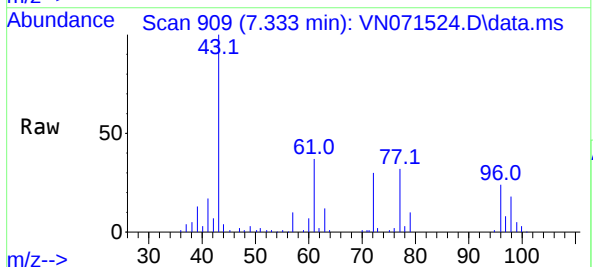
Tgt Ion: 75 Resp: 35228
Ion Ratio Lower Upper
75 100
110 36.9 0.0 74.2
77 31.1 0.0 63.2

Manual Integrations
APPROVED

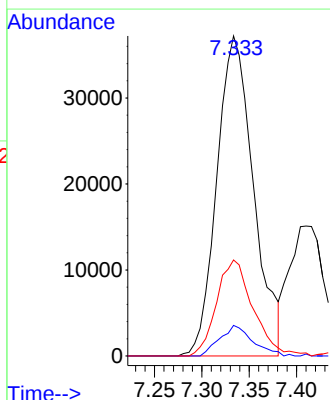
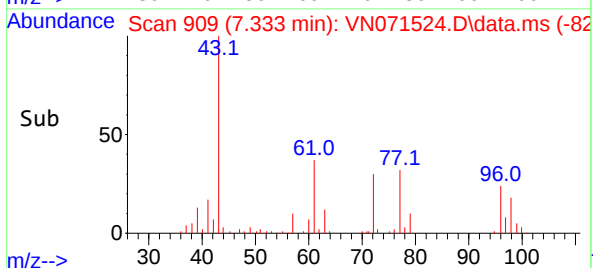
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

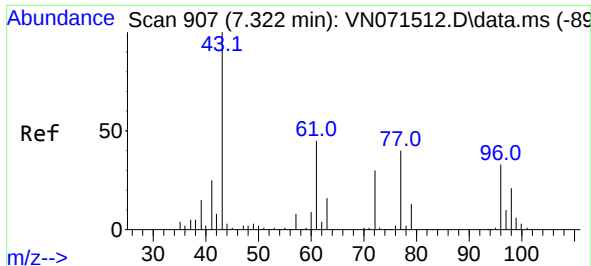


#30
2-Butanone
Concen: 19.418 ug/l
RT: 7.333 min Scan# 909
Delta R.T. 0.006 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36



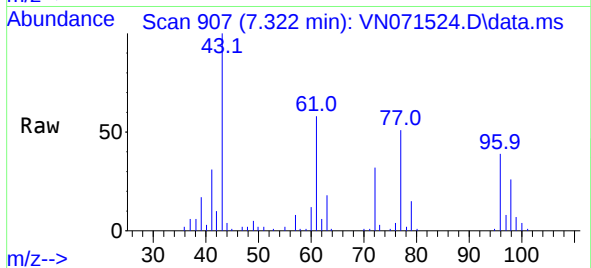
Tgt Ion: 43 Resp: 100498
Ion Ratio Lower Upper
43 100
57 8.5 6.7 10.1
72 29.2 23.2 34.8





#31
2,2-Dichloropropane
Concen: 3.890 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36

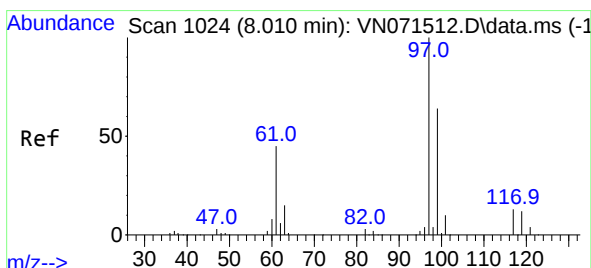
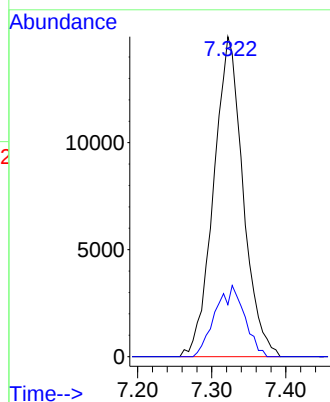
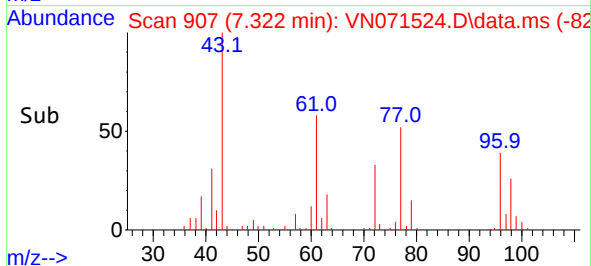
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



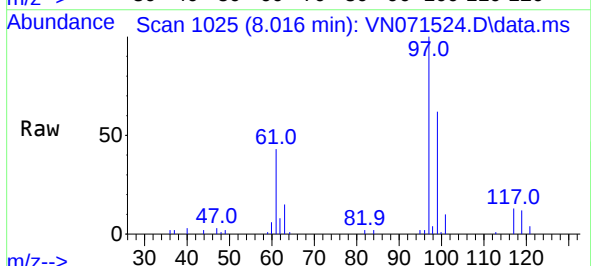
Tgt Ion: 77 Resp: 4120
Ion Ratio Lower Upper
77 100
97 11.1 18.3 27.5

Manual Integrations
APPROVED

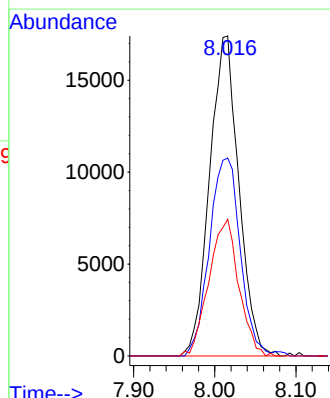
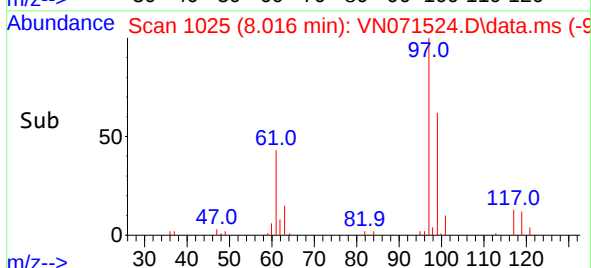
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

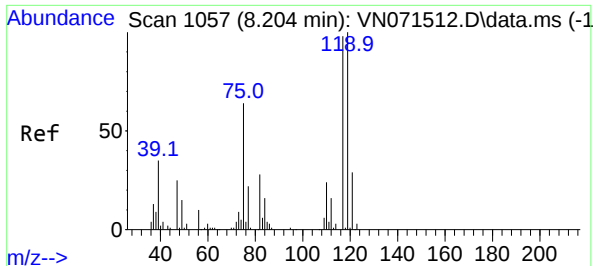


#32
1,1,1-Trichloroethane
Concen: 4.021 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.006 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36



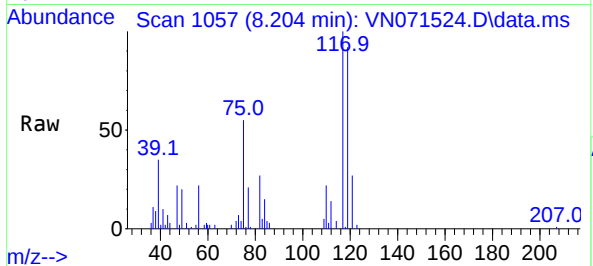
Tgt Ion: 97 Resp: 43549
Ion Ratio Lower Upper
97 100
99 65.2 50.4 75.6
61 43.5 34.6 51.8





#33
Carbon Tetrachloride
Concen: 4.023 ug/l
RT: 8.204 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36

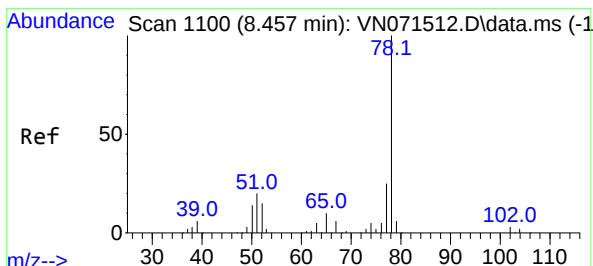
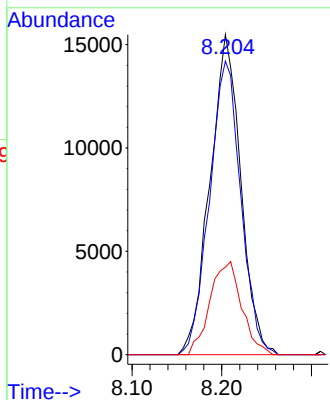
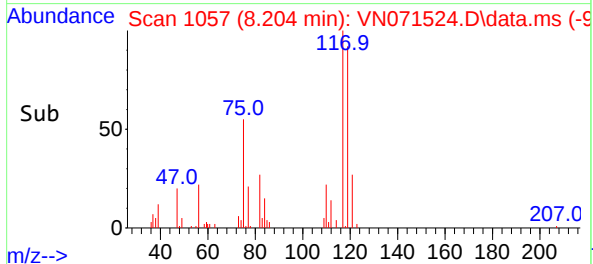
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



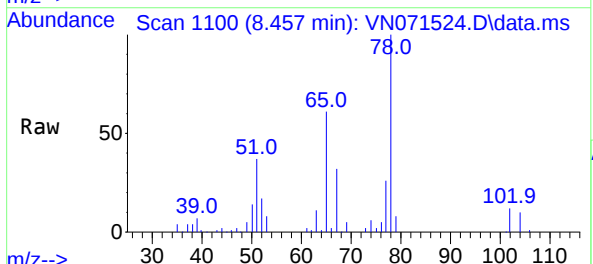
Tgt Ion: 117 Resp: 36878
Ion Ratio Lower Upper
117 100
119 91.8 77.5 116.3
121 27.4 23.5 35.3

Manual Integrations
APPROVED

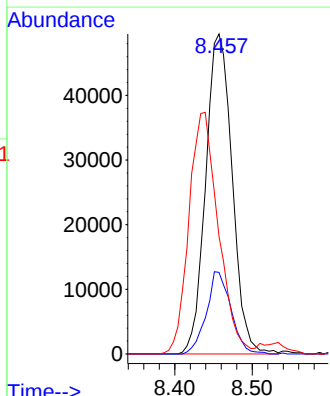
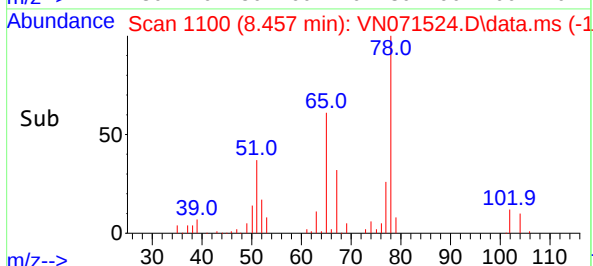
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

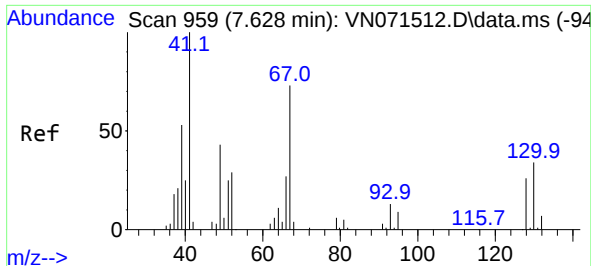


#34
Benzene
Concen: 4.073 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36



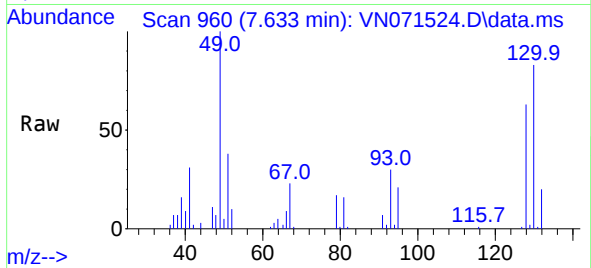
Tgt Ion: 78 Resp: 117670
Ion Ratio Lower Upper
78 100
77 25.5 19.1 28.7
51 33.2 16.0 24.0#





#35
Methacrylonitrile
Concen: 3.779 ug/l
RT: 7.633 min Scan# 912
Delta R.T. 0.006 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36

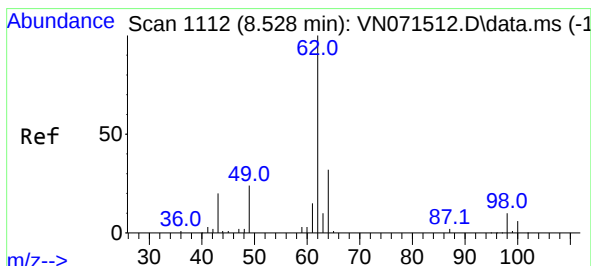
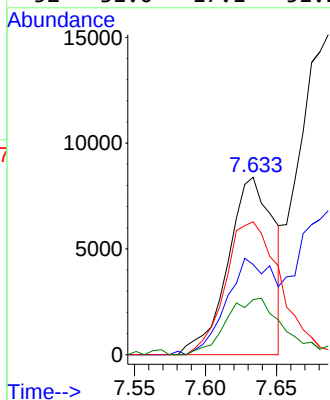
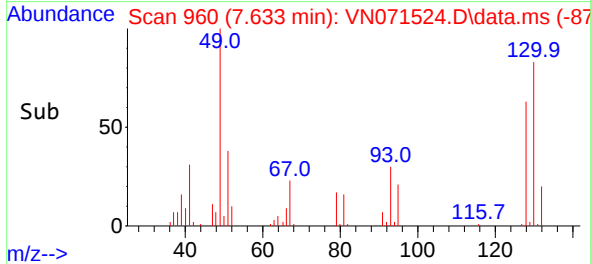
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



Tgt Ion: 41 Resp: 18764
Ion Ratio Lower Upper
41 100
39 48.9 28.0 83.9
67 75.0 37.7 113.1
52 31.0 17.1 51.2

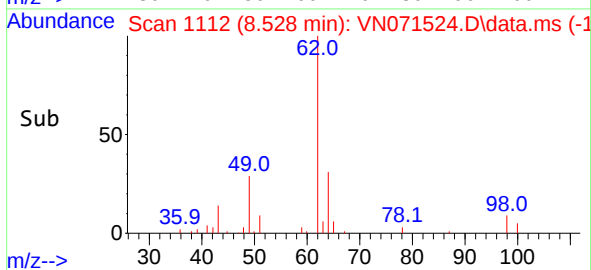
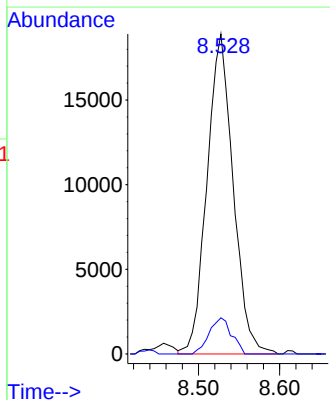
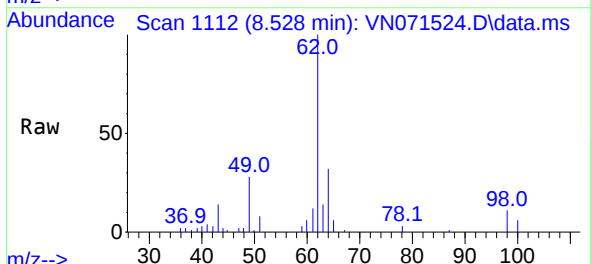
Manual Integrations
APPROVED

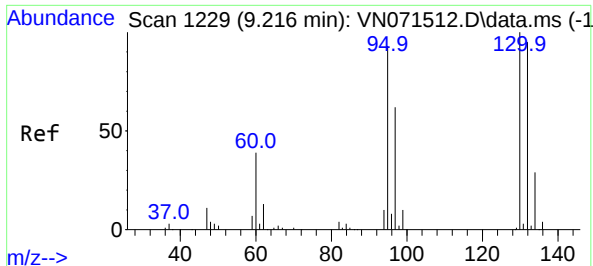
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#36
1,2-Dichloroethane
Concen: 4.200 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36

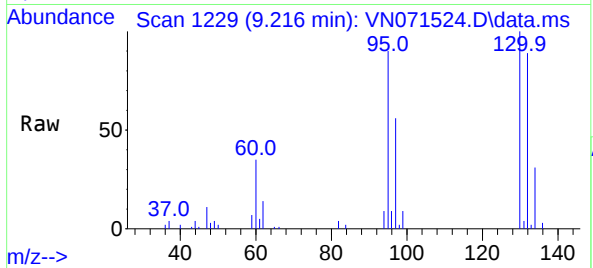
Tgt Ion: 62 Resp: 42324
Ion Ratio Lower Upper
62 100
98 9.7 6.6 10.0





#37
Trichloroethene
Concen: 4.098 ug/l
RT: 9.216 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36

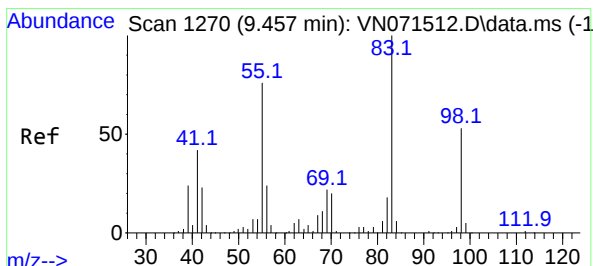
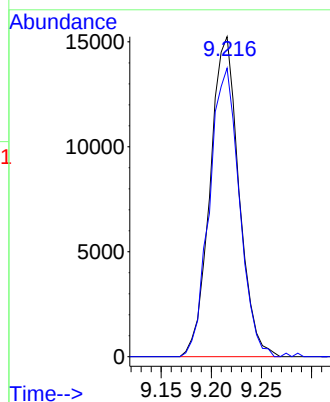
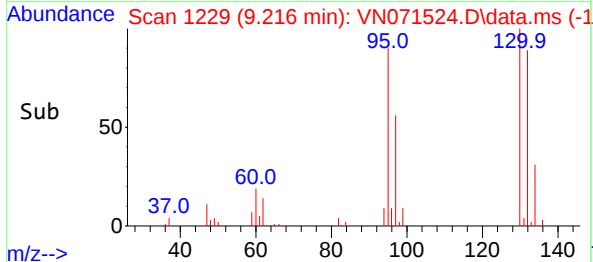
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



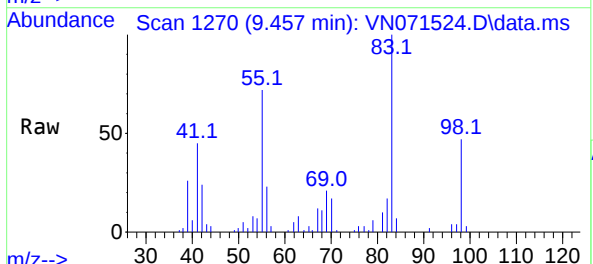
Tgt Ion:130 Resp: 30540
Ion Ratio Lower Upper
130 100
95 90.1 76.6 115.0

Manual Integrations
APPROVED

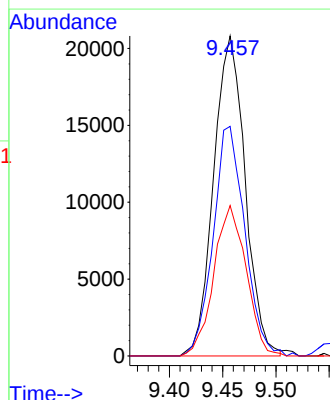
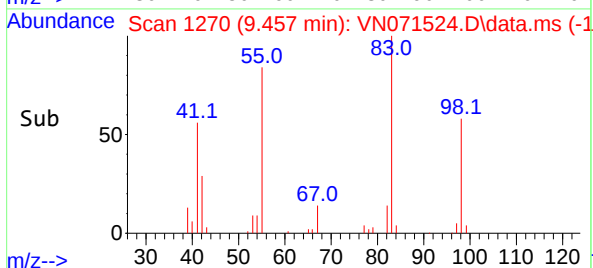
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

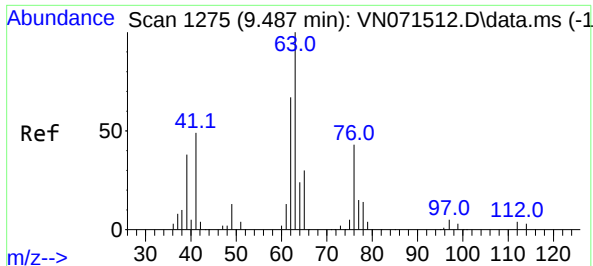


#38
Methylcyclohexane
Concen: 3.654 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36



Tgt Ion: 83 Resp: 42822
Ion Ratio Lower Upper
83 100
55 72.0 35.1 105.3
98 48.3 23.4 70.2





#39

1,2-Dichloropropane

Concen: 4.037 ug/l

RT: 9.480 min Scan# 1274

Delta R.T. -0.006 min

Lab File: VN071524.D

Acq: 24 Mar 2022 16:36

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2022

Tgt Ion: 63 Resp: 29174

Ion Ratio Lower Upper

63 100

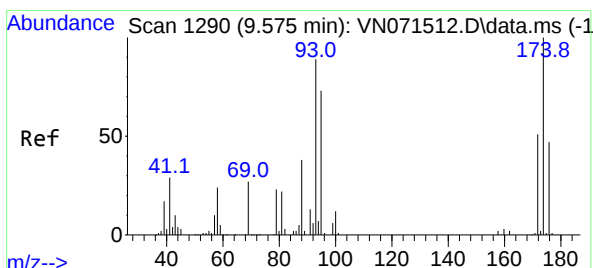
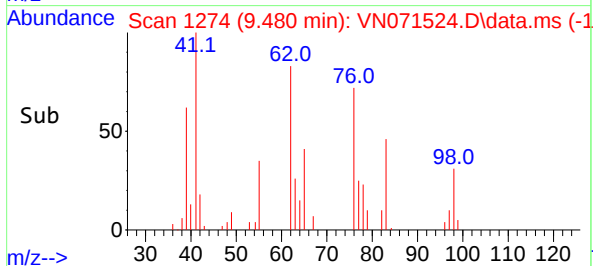
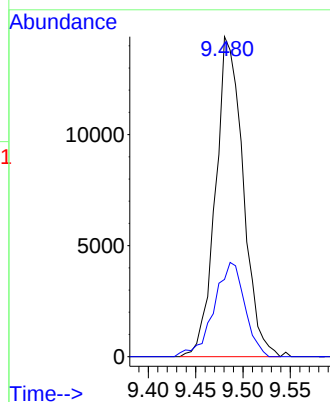
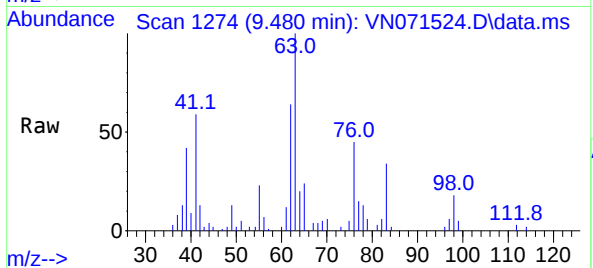
65 24.2 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2022

Supervised By :Mahesh Dadoda 03/25/2022



#40

Dibromomethane

Concen: 4.259 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN071524.D

Acq: 24 Mar 2022 16:36

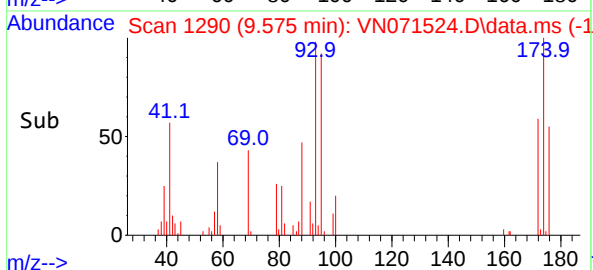
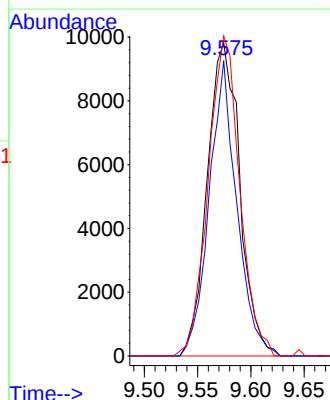
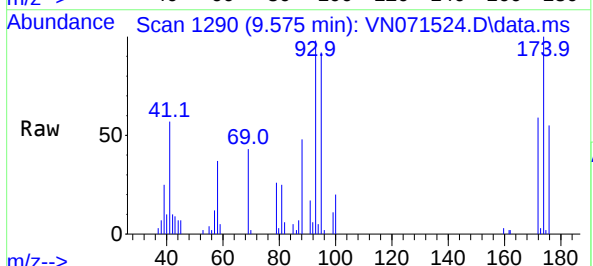
Tgt Ion: 93 Resp: 20834

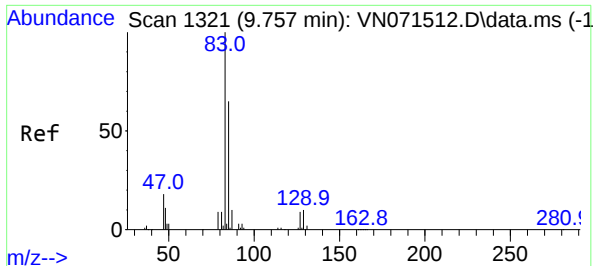
Ion Ratio Lower Upper

93 100

95 80.0 0.0 168.8

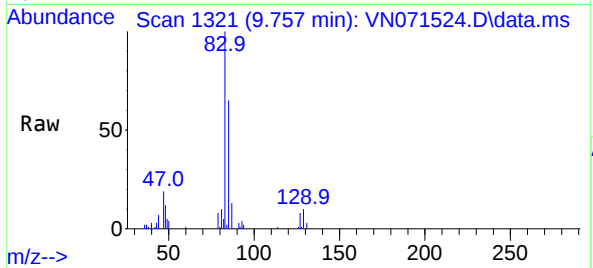
174 99.2 0.0 173.6





#41
Bromodichloromethane
Concen: 3.823 ug/l
RT: 9.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36

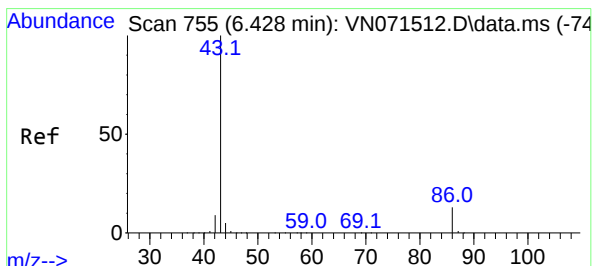
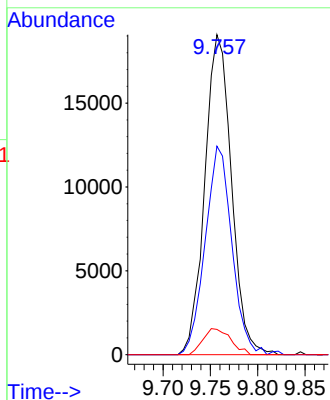
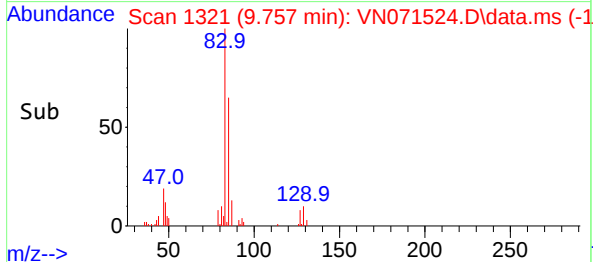
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



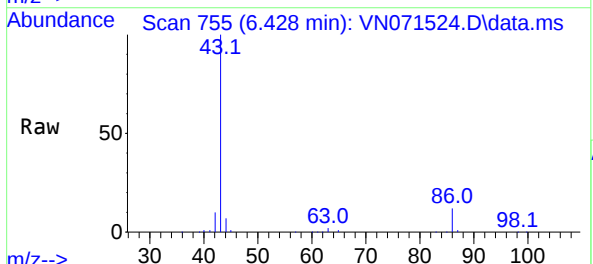
Tgt Ion: 83 Resp: 37424
Ion Ratio Lower Upper
83 100
85 65.1 54.1 81.1
127 8.7 7.6 11.4

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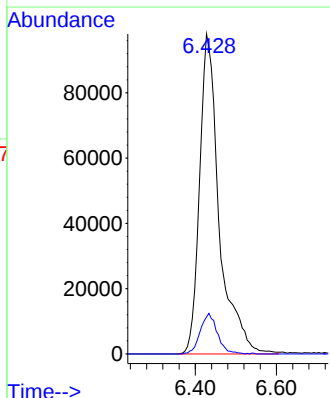
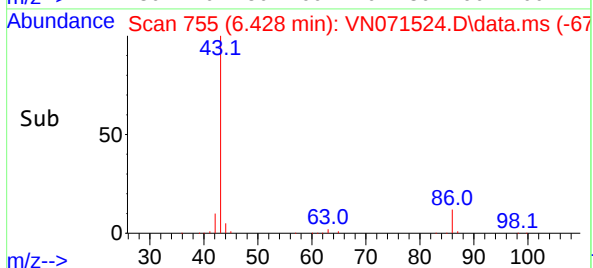
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

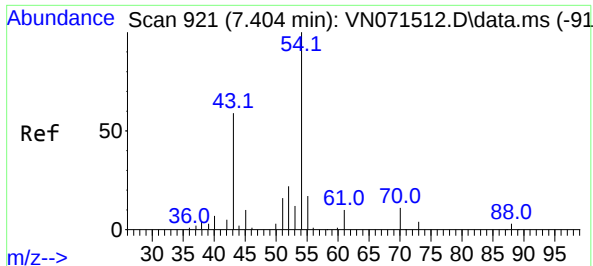


#42
Vinyl Acetate
Concen: 18.535 ug/l
RT: 6.428 min Scan# 755
Delta R.T. -0.000 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36



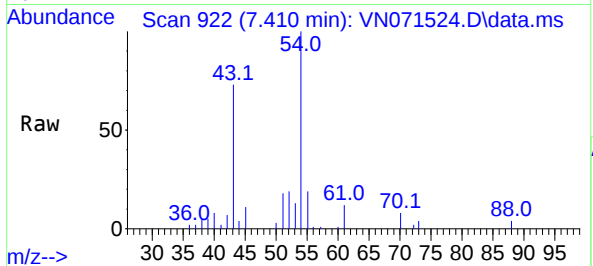
Tgt Ion: 43 Resp: 328690
Ion Ratio Lower Upper
43 100
86 11.1 7.5 11.3





#43
Ethyl Acetate
Concen: 4.363 ug/l
RT: 7.410 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36

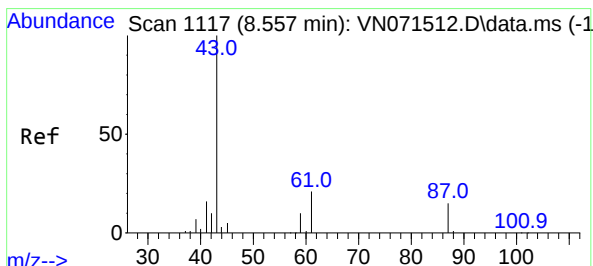
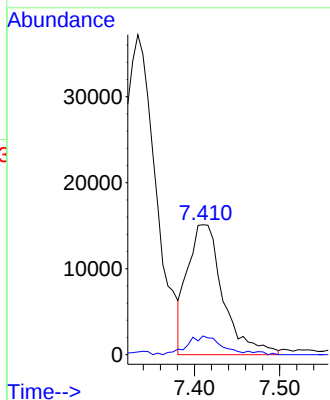
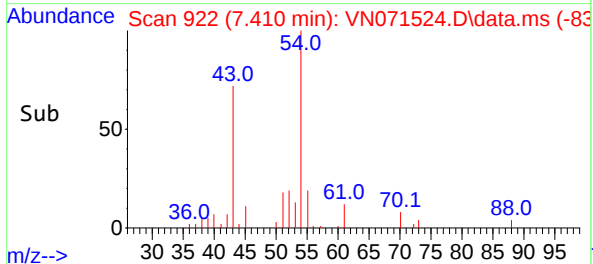
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



Tgt Ion: 43 Resp: 43790
Ion Ratio Lower Upper
43 100
45 13.5 10.6 16.0

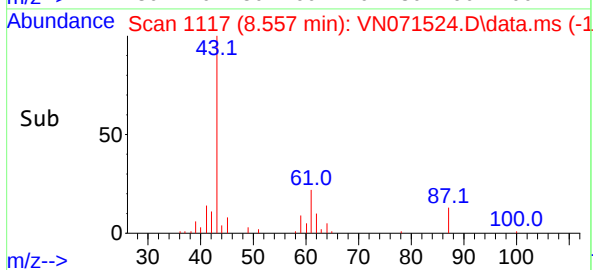
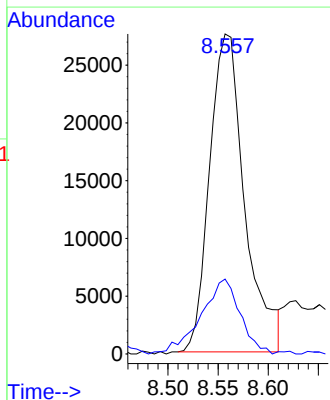
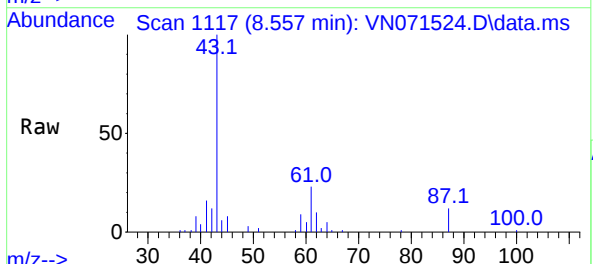
Manual Integrations
APPROVED

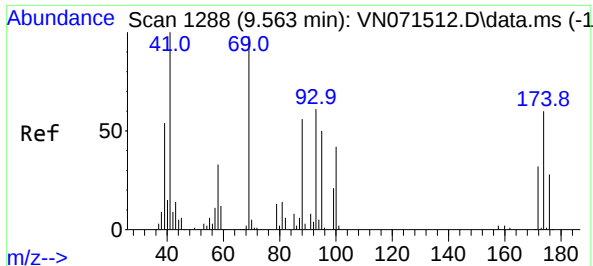
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#44
Isopropyl Acetate
Concen: 4.179 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36

Tgt Ion: 43 Resp: 67264
Ion Ratio Lower Upper
43 100
61 26.0 20.1 30.1





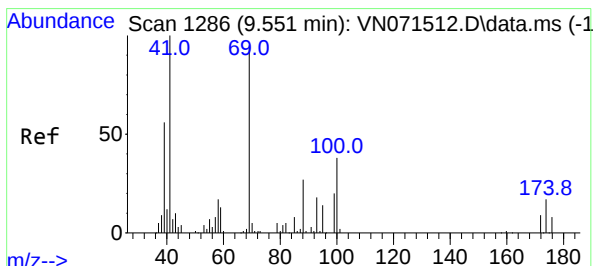
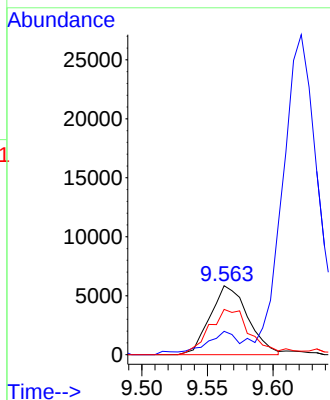
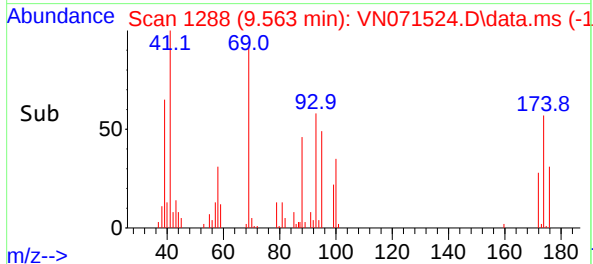
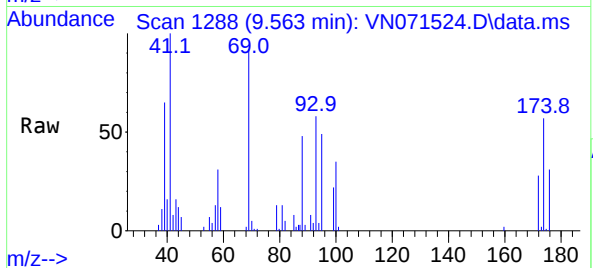
#45
1,4-Dioxane
Concen: 72.092 ug/l
RT: 9.563 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36

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

Tgt Ion: 88 Resp: 11708
Ion Ratio Lower Upper
88 100
43 20.6 25.0 37.6
58 70.2 49.4 74.2

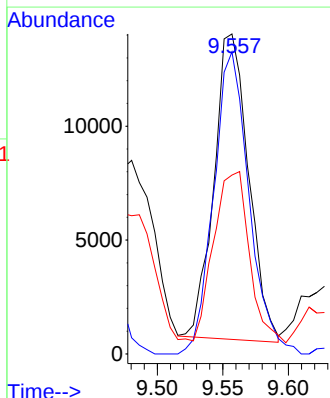
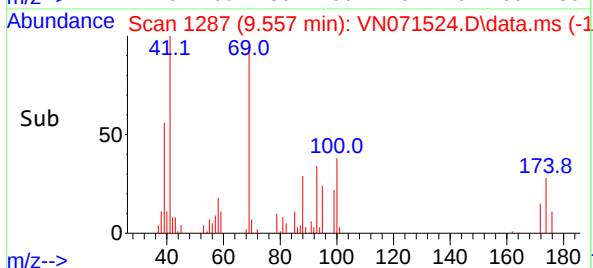
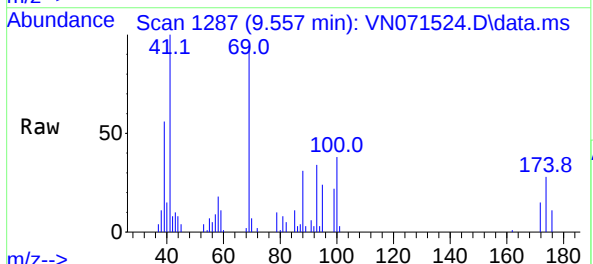
Manual Integrations
APPROVED

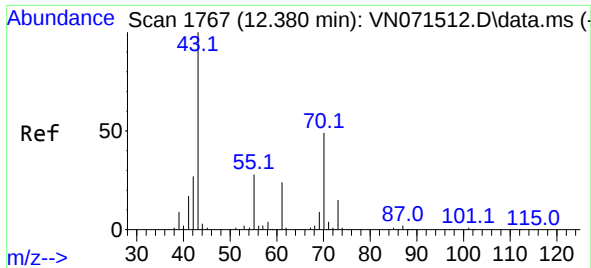
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#46
Methyl methacrylate
Concen: 3.486 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36

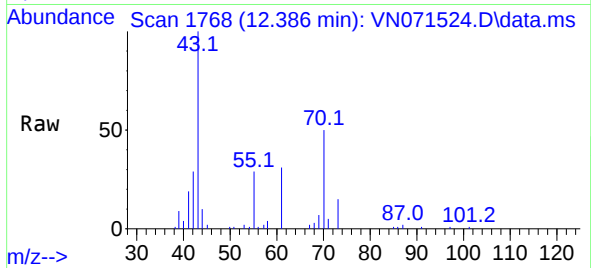
Tgt Ion: 41 Resp: 24608
Ion Ratio Lower Upper
41 100
69 100.0 44.4 133.2
39 54.4 39.9 119.6





#47
n-amy1 Acetate
Concen: 3.164 ug/l m
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36

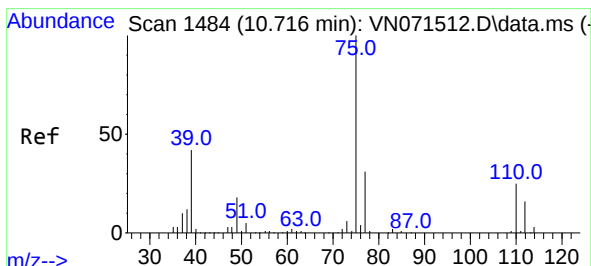
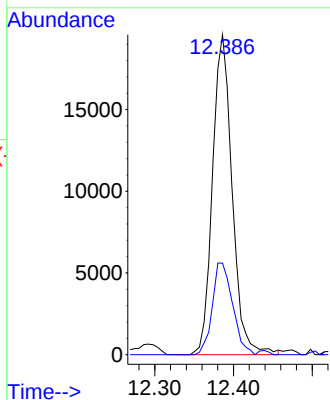
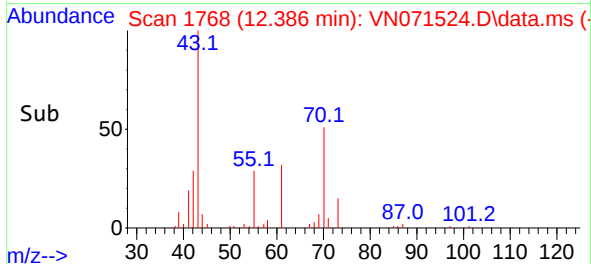
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



Tgt Ion: 43 Resp: 3398
Ion Ratio Lower Upper
43 100
55 0.3 19.0 28.6

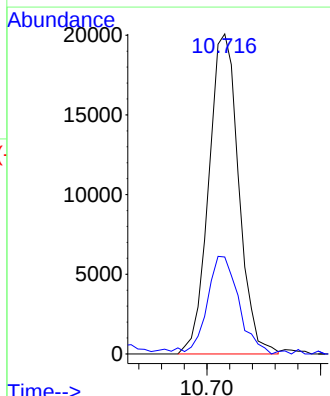
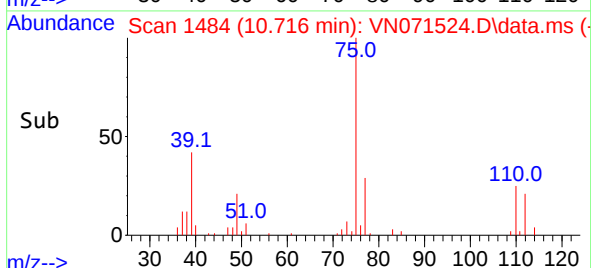
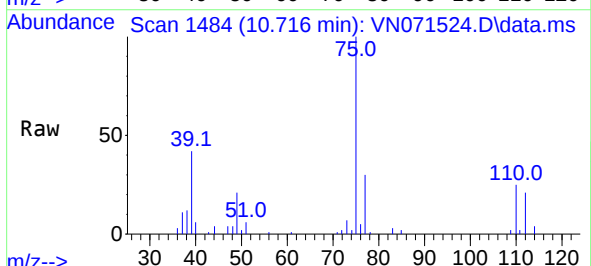
Manual Integrations
APPROVED

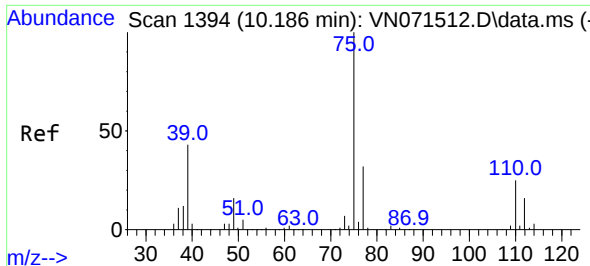
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#48
t-1,3-Dichloropropene
Concen: 3.453 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36

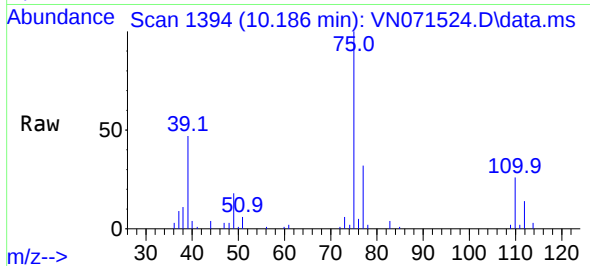
Tgt Ion: 75 Resp: 36737
Ion Ratio Lower Upper
75 100
77 29.5 25.3 37.9





#49
cis-1,3-Dichloropropene
Concen: 3.577 ug/l
RT: 10.186 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36

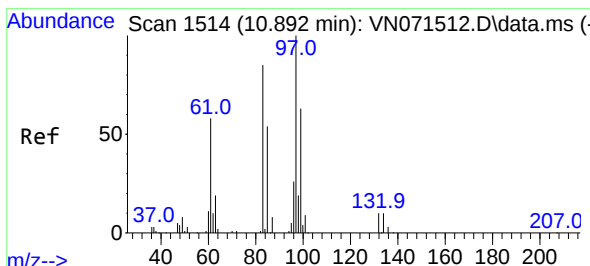
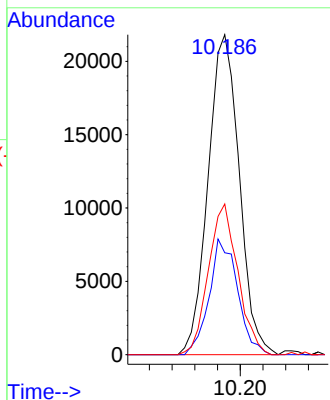
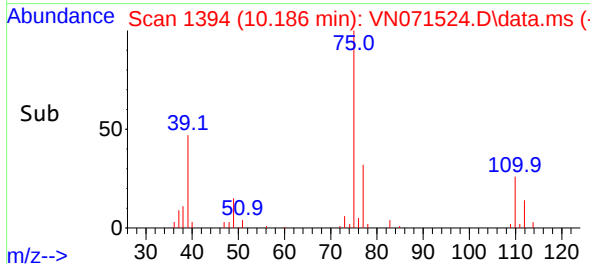
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2022



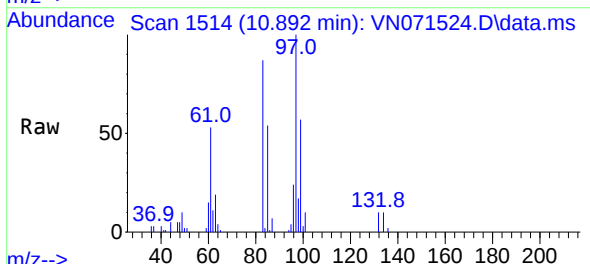
Tgt Ion: 75 Resp: 41620
Ion Ratio Lower Upper
75 100
77 31.9 25.3 37.9
39 47.1 46.2 69.4

Manual Integrations
APPROVED

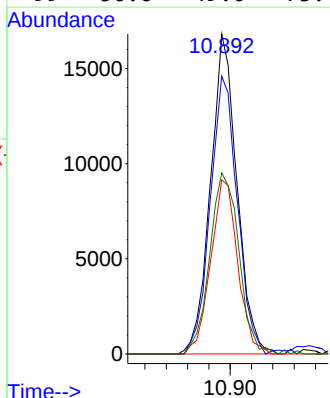
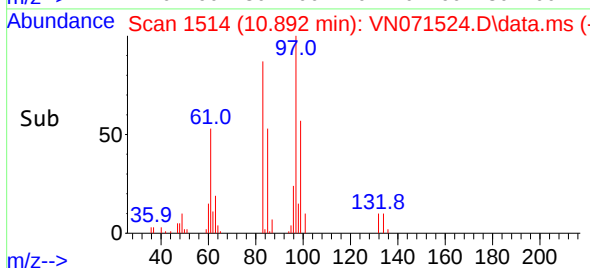
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

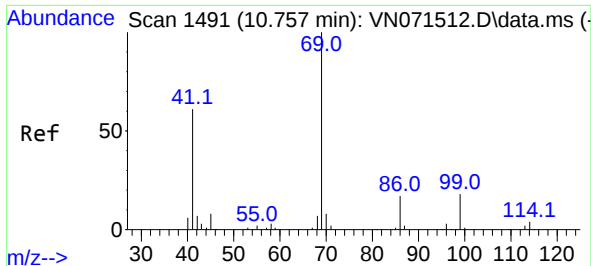


#50
1,1,2-Trichloroethane
Concen: 3.959 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36



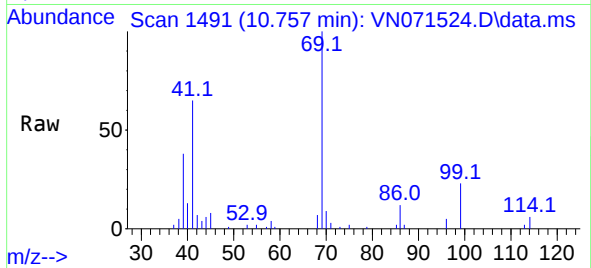
Tgt Ion: 97 Resp: 28951
Ion Ratio Lower Upper
97 100
83 86.8 67.2 100.8
85 54.4 43.0 64.4
99 56.6 49.0 73.4





#51
Ethyl methacrylate
Concen: 3.520 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36

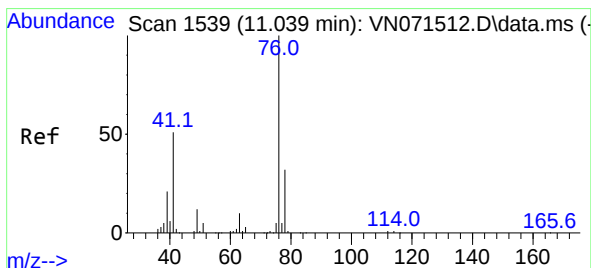
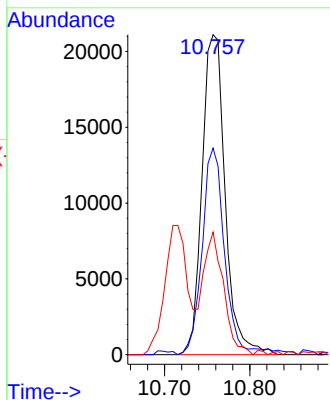
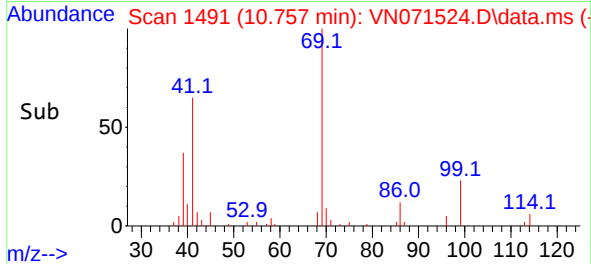
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2022



Tgt Ion: 69 Resp: 39750
Ion Ratio Lower Upper
69 100
41 64.5 33.0 98.9
39 37.4 25.4 76.4

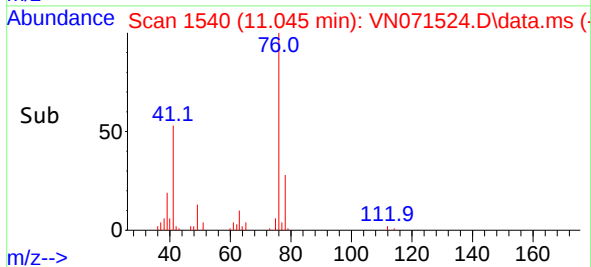
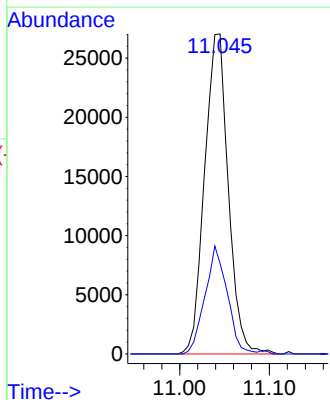
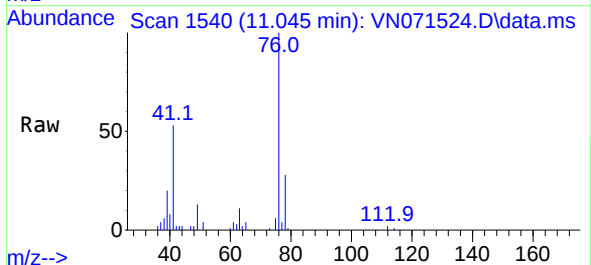
Manual Integrations
APPROVED

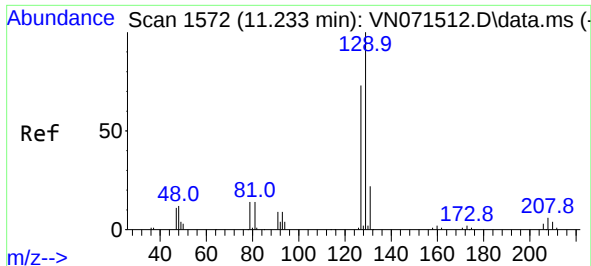
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#52
1,3-Dichloropropane
Concen: 3.972 ug/l
RT: 11.045 min Scan# 1540
Delta R.T. 0.006 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36

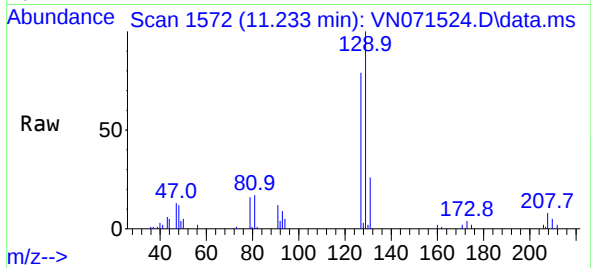
Tgt Ion: 76 Resp: 49609
Ion Ratio Lower Upper
76 100
78 31.7 0.0 65.4





#53
Dibromochloromethane
Concen: 3.649 ug/l
RT: 11.233 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36

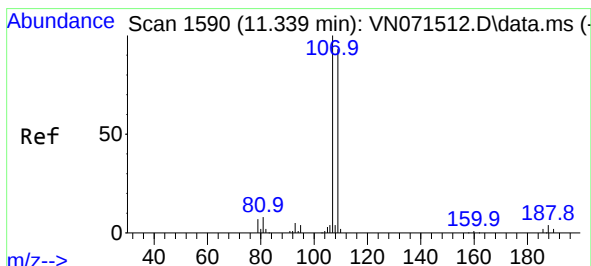
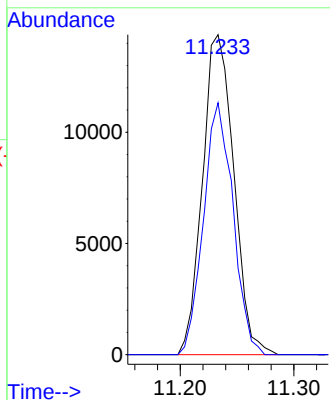
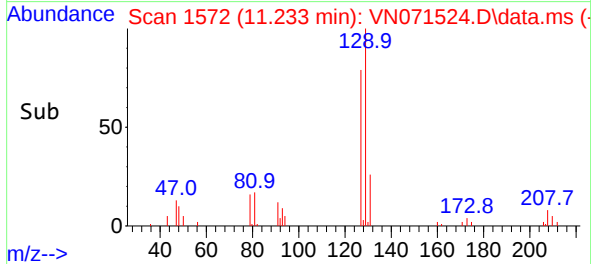
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2022



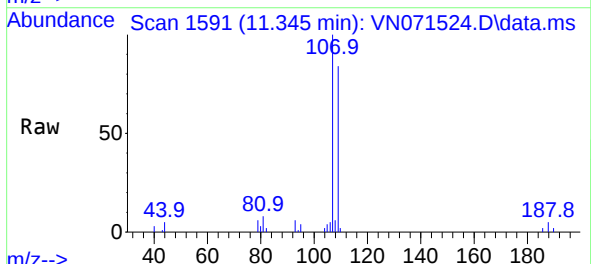
Tgt Ion:129 Resp: 27620
Ion Ratio Lower Upper
129 100
127 74.0 39.0 117.0

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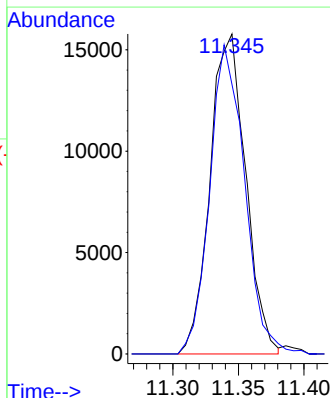
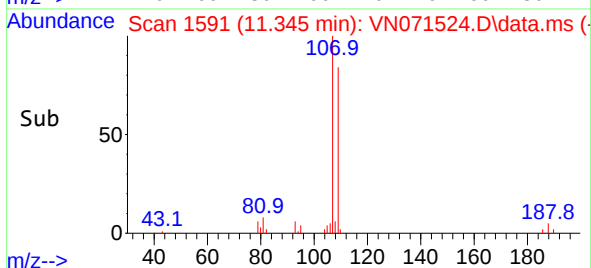
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

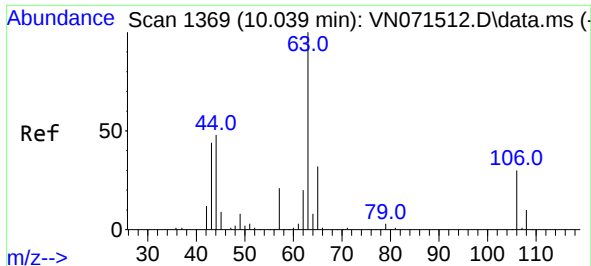


#54
1,2-Dibromoethane
Concen: 3.965 ug/l
RT: 11.345 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36



Tgt Ion:107 Resp: 29832
Ion Ratio Lower Upper
107 100
109 94.3 72.8 109.2





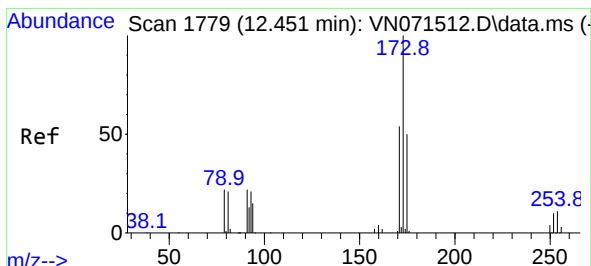
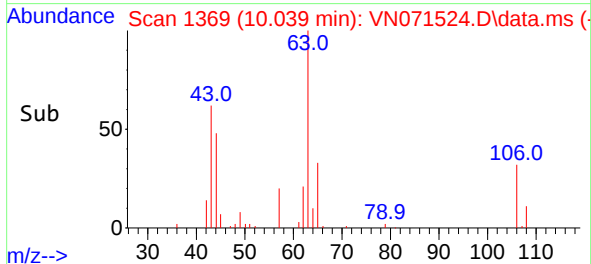
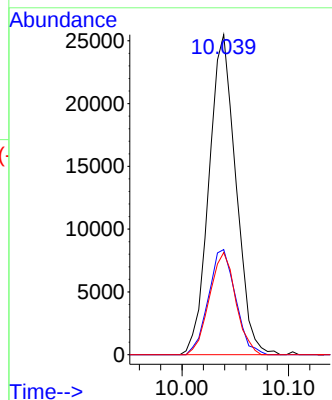
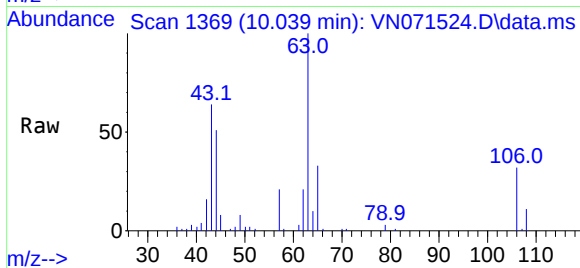
#55
2-Chloroethyl vinyl ether
Concen: 14.693 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36

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

Tgt Ion: 63 Resp: 4470
Ion Ratio Lower Upper
63 100
65 33.0 25.4 38.0
106 31.1 23.2 34.8

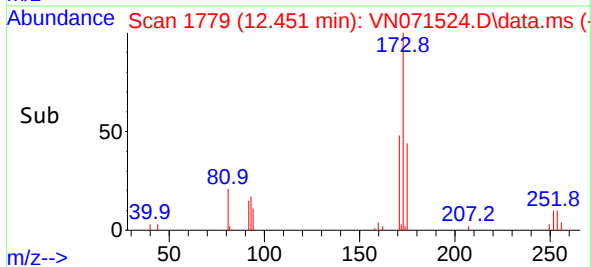
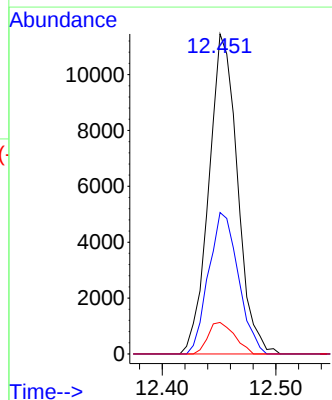
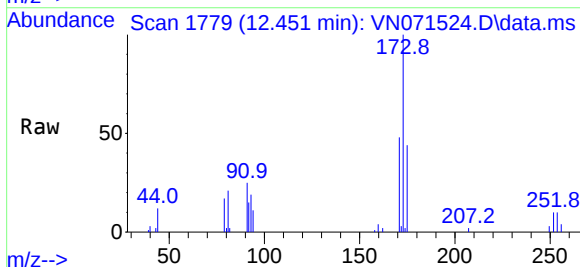
Manual Integrations
APPROVED

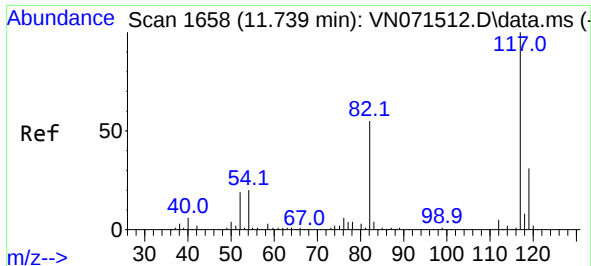
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#56
Bromoform
Concen: 3.434 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36

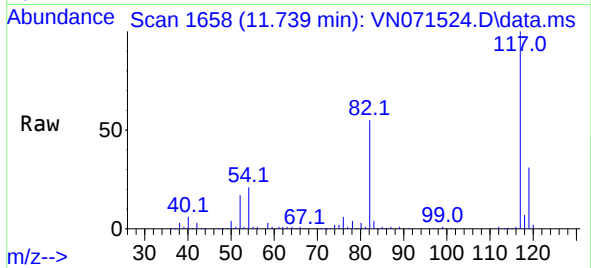
Tgt Ion:173 Resp: 20043
Ion Ratio Lower Upper
173 100
175 46.0 38.6 58.0
254 9.1 0.0 0.0#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36

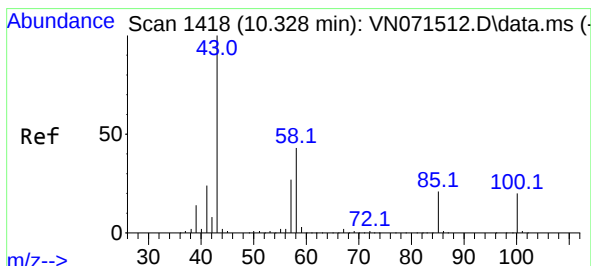
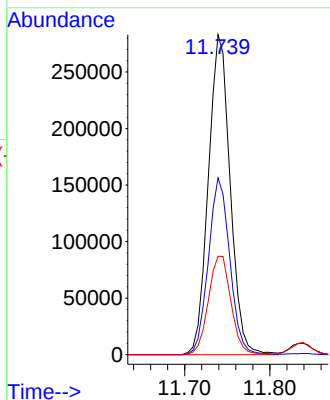
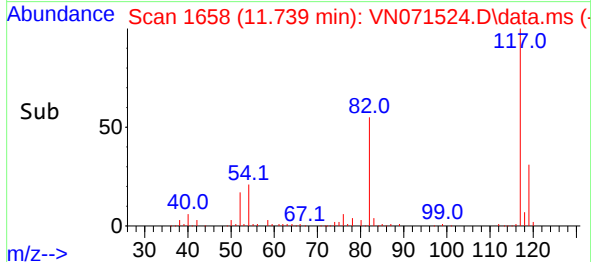
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



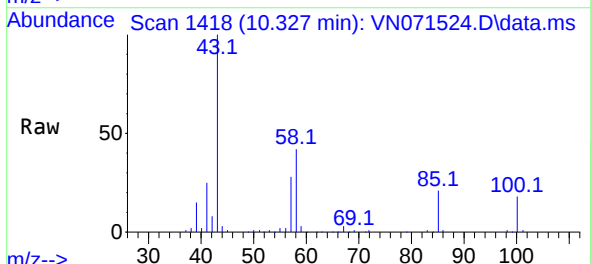
Tgt Ion:117 Resp: 502910
Ion Ratio Lower Upper
117 100
82 54.3 43.6 65.4
119 31.9 25.8 38.6

Manual Integrations
APPROVED

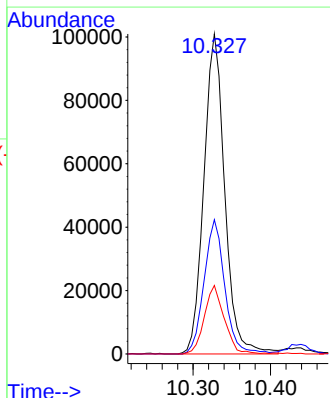
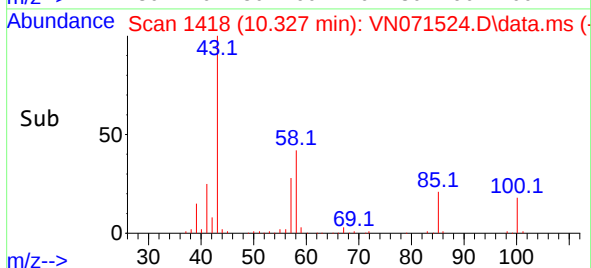
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

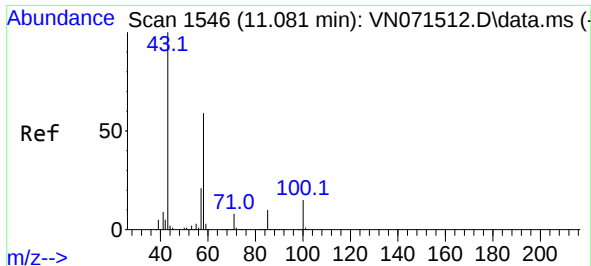


#58
4-Methyl-2-Pentanone
Concen: 19.829 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36



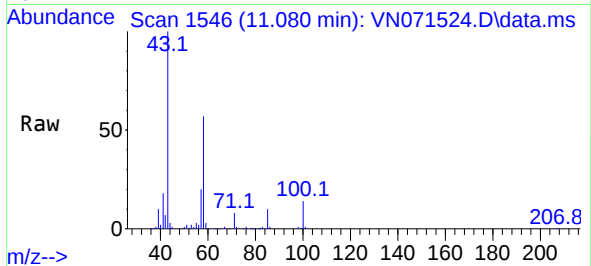
Tgt Ion: 43 Resp: 189304
Ion Ratio Lower Upper
43 100
58 41.6 30.0 45.0
85 20.0 15.0 22.6





#59
2-Hexanone
Concen: 19.381 ug/l
RT: 11.080 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36

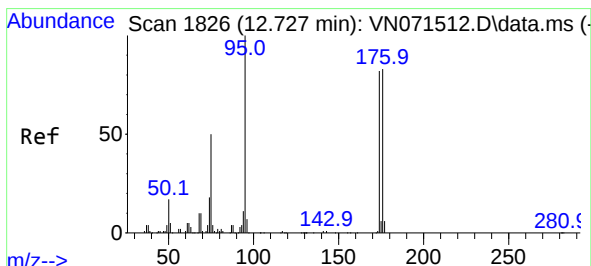
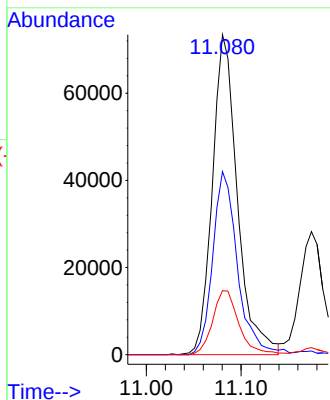
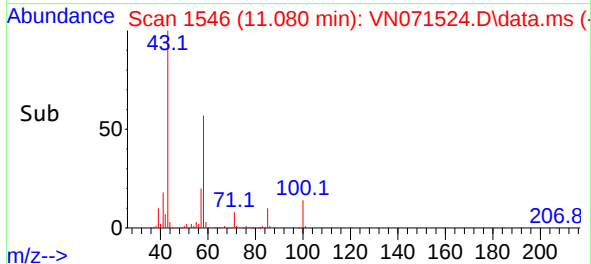
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2022



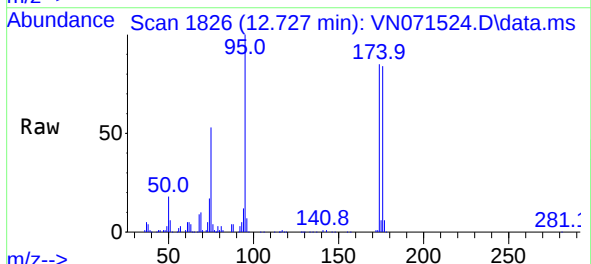
Tgt Ion: 43 Resp: 135092
Ion Ratio Lower Upper
43 100
58 56.2 42.2 63.2
57 21.0 15.0 22.4

Manual Integrations
APPROVED

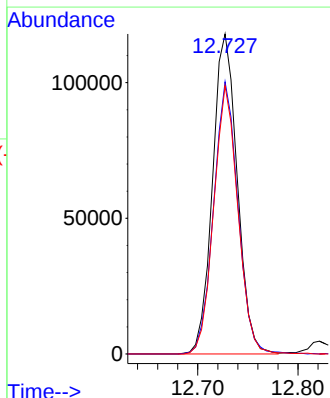
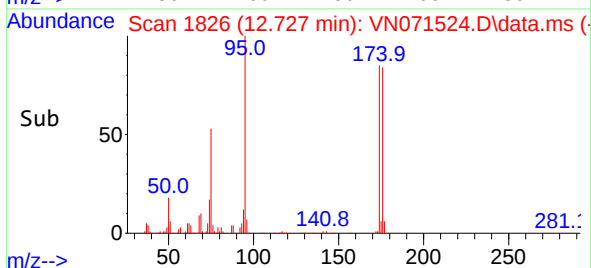
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

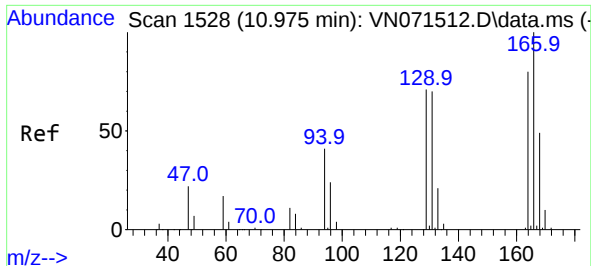


#60
4-Bromofluorobenzene
Concen: 27.055 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36



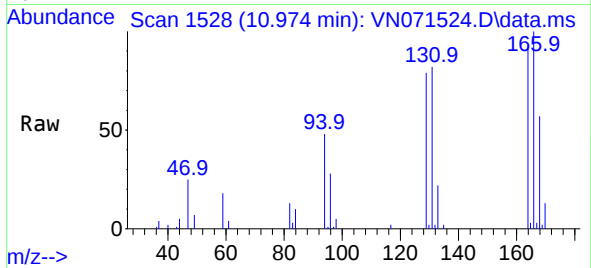
Tgt Ion: 95 Resp: 201747
Ion Ratio Lower Upper
95 100
174 83.9 62.9 94.3
176 81.8 61.0 91.4





#61
Tetrachloroethene
Concen: 4.349 ug/l
RT: 10.974 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36

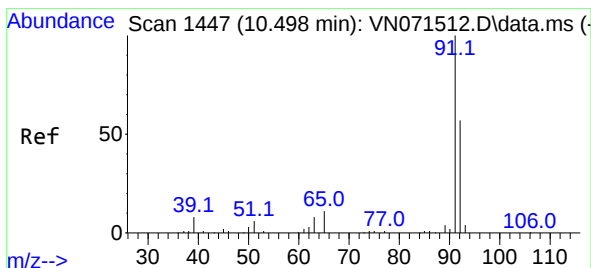
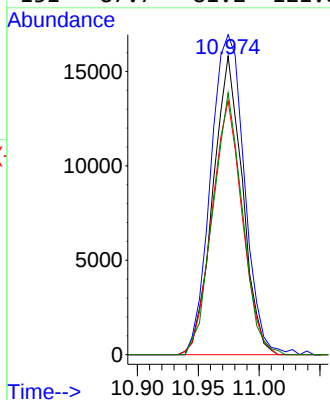
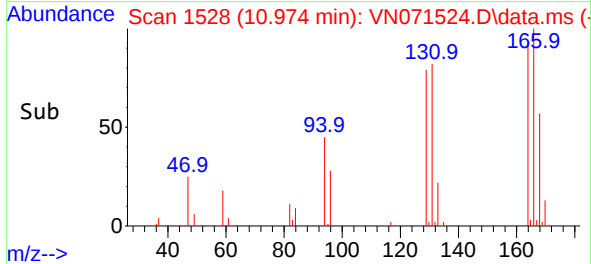
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



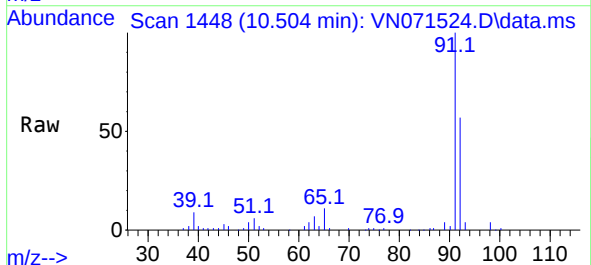
Tgt Ion:164 Resp: 26619
Ion Ratio Lower Upper
164 100
166 107.1 105.8 158.8
129 84.9 82.5 123.7
131 87.7 81.2 121.8

Manual Integrations
APPROVED

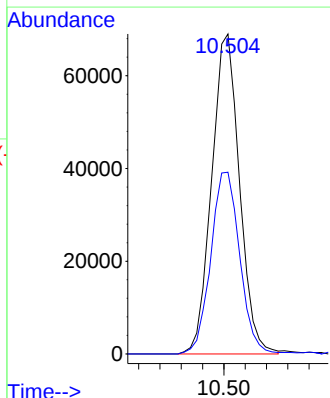
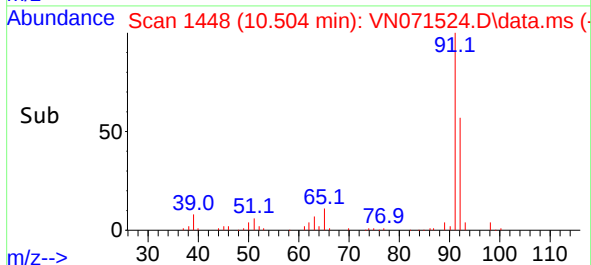
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

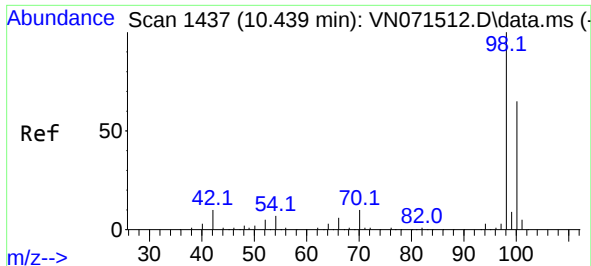


#62
Toluene
Concen: 4.102 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36



Tgt Ion: 91 Resp: 125086
Ion Ratio Lower Upper
91 100
92 59.2 44.6 67.0





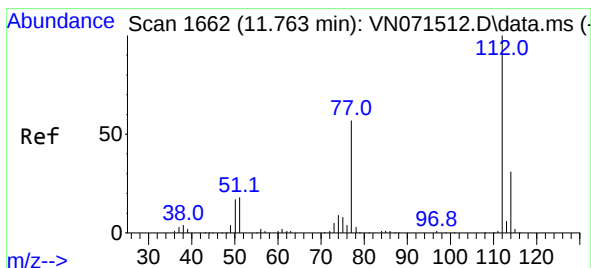
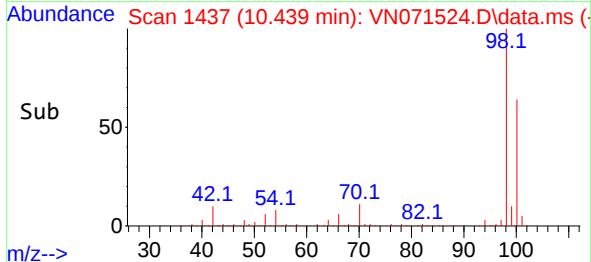
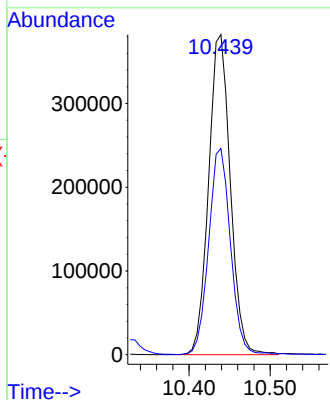
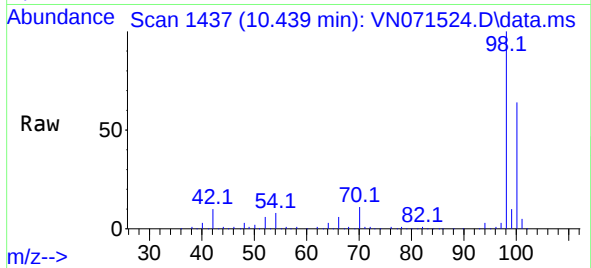
#63
Toluene-d8
Concen: 31.135 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36

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

Tgt Ion: 98 Resp: 710802
Ion Ratio Lower Upper
98 100
100 64.4 50.6 76.0

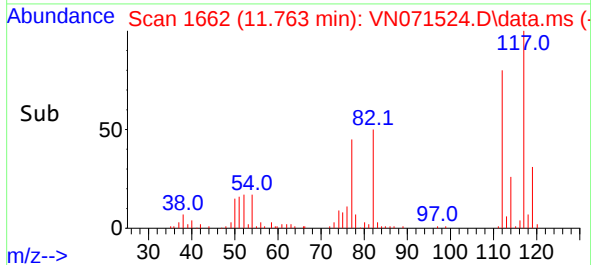
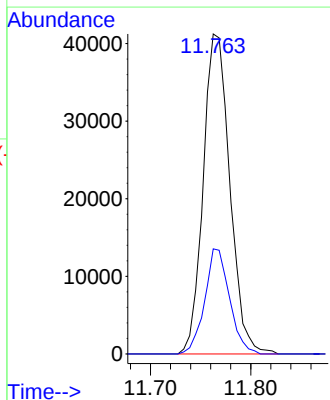
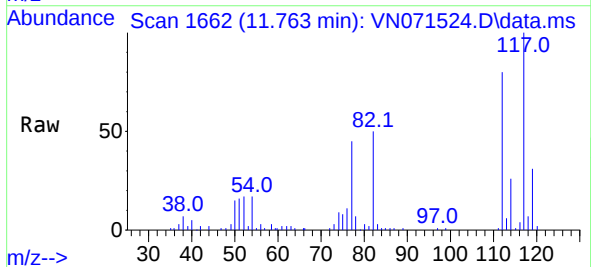
Manual Integrations
APPROVED

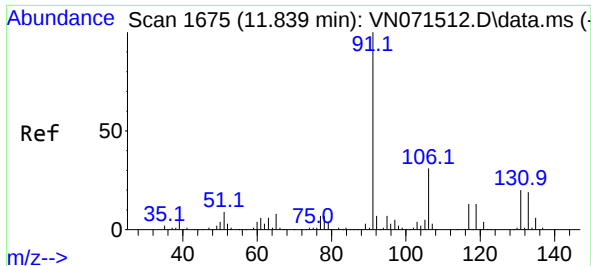
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#64
Chlorobenzene
Concen: 4.054 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36

Tgt Ion:112 Resp: 76264
Ion Ratio Lower Upper
112 100
114 32.8 25.8 38.6





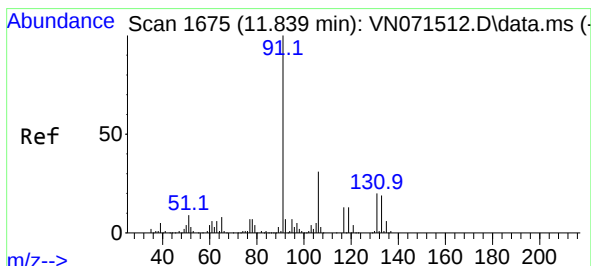
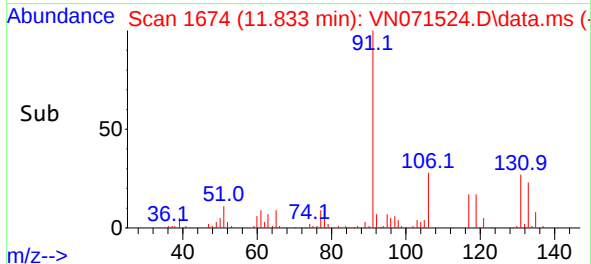
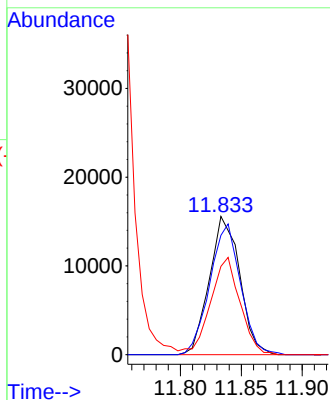
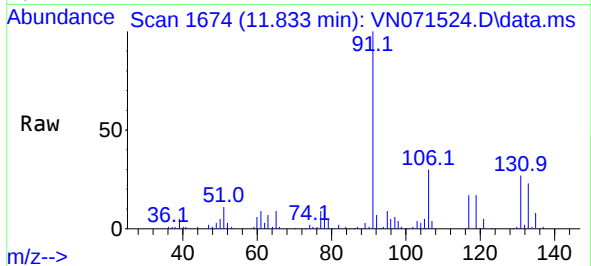
#65
1,1,1,2-Tetrachloroethane
Concen: 3.923 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36

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

Tgt Ion:131 Resp: 2707
Ion Ratio Lower Upper
131 100
133 95.8 0.0 191.2
119 66.6 0.0 128.8

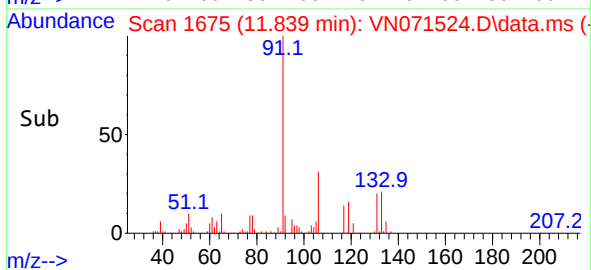
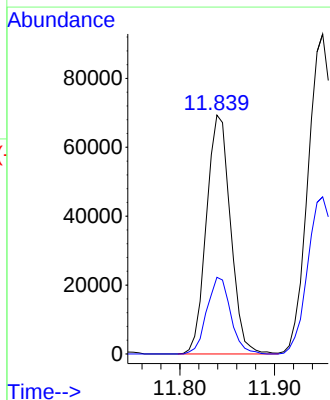
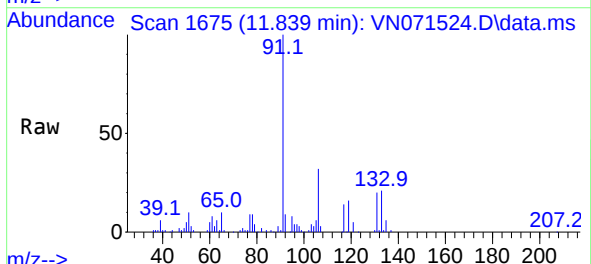
Manual Integrations
APPROVED

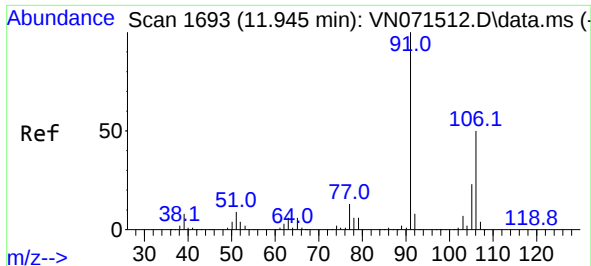
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#66
Ethyl Benzene
Concen: 3.696 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36

Tgt Ion: 91 Resp: 122478
Ion Ratio Lower Upper
91 100
106 32.1 24.0 36.0





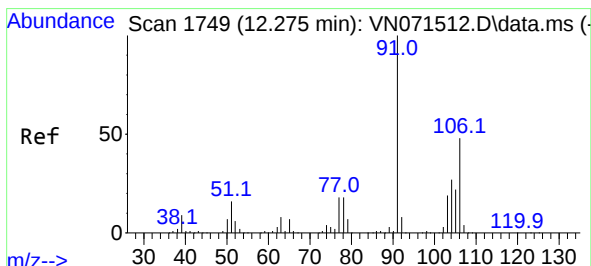
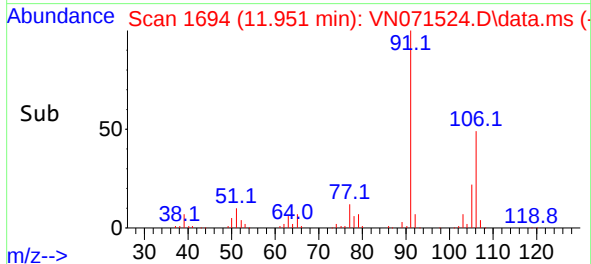
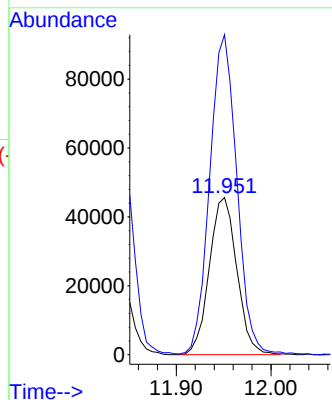
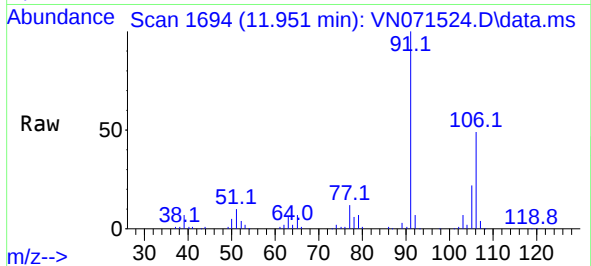
#67
m/p-Xylenes
Concen: 7.147 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36

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

Tgt Ion:106 Resp: 9214
Ion Ratio Lower Upper
106 100
91 201.1 162.9 244.3

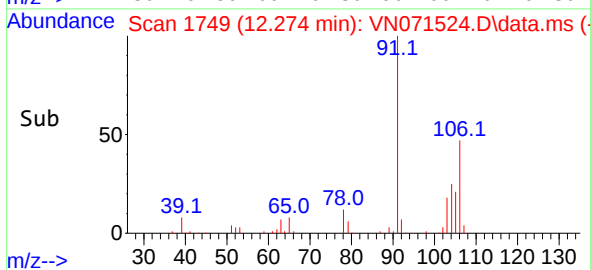
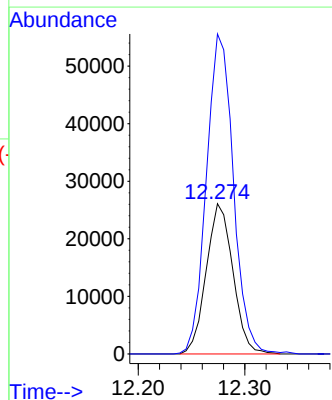
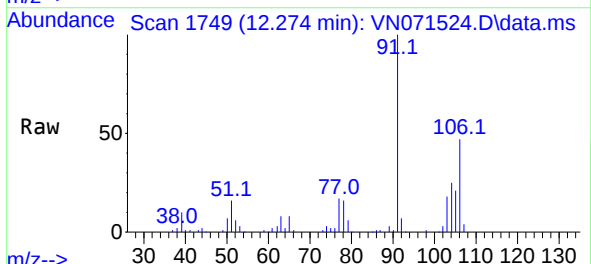
Manual Integrations
APPROVED

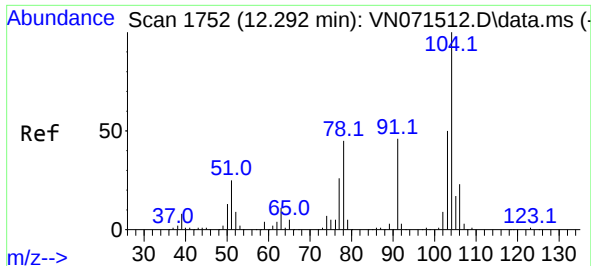
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#68
o-Xylene
Concen: 3.544 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36

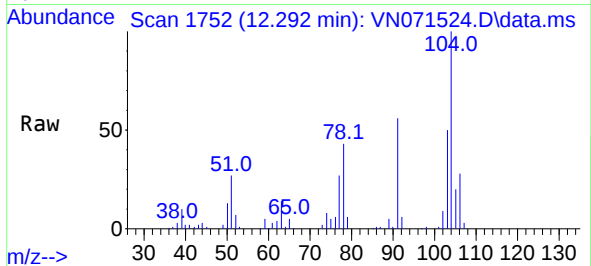
Tgt Ion:106 Resp: 45415
Ion Ratio Lower Upper
106 100
91 215.1 107.7 323.1





#69
Styrene
Concen: 3.362 ug/l
RT: 12.292 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36

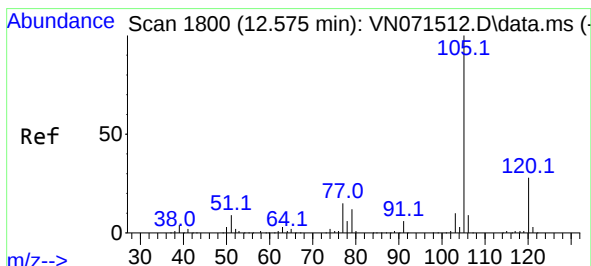
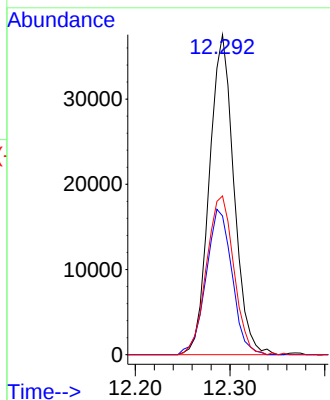
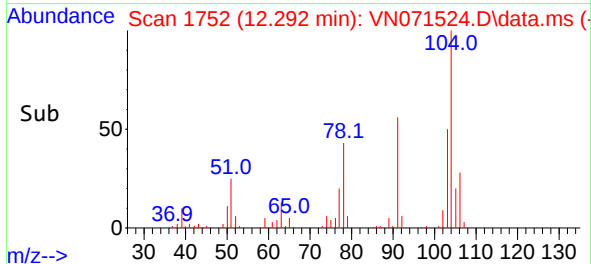
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



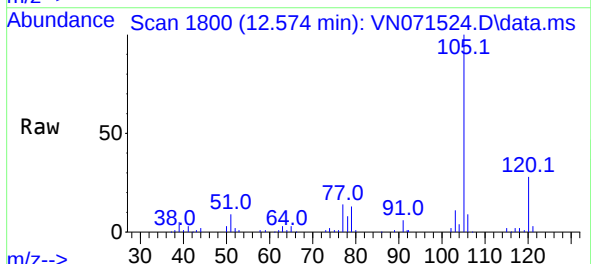
Tgt Ion:104 Resp: 67808
Ion Ratio Lower Upper
104 100
78 48.0 40.7 61.1
103 54.8 45.8 68.8

Manual Integrations
APPROVED

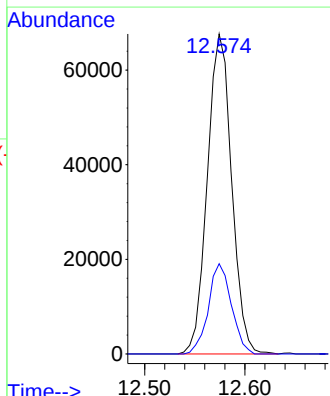
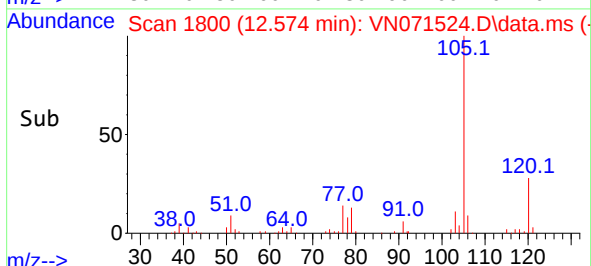
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

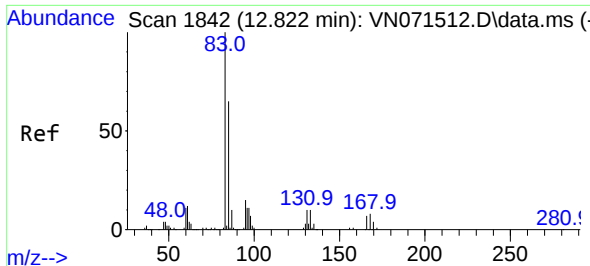


#70
Isopropylbenzene
Concen: 3.548 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36



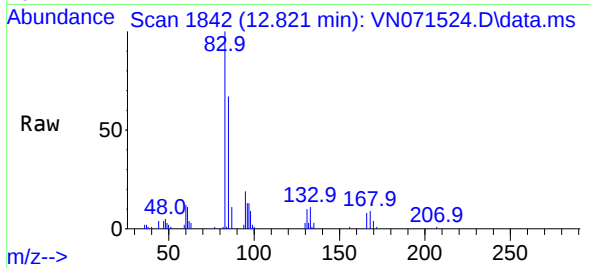
Tgt Ion:105 Resp: 114099
Ion Ratio Lower Upper
105 100
120 26.7 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 4.107 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36

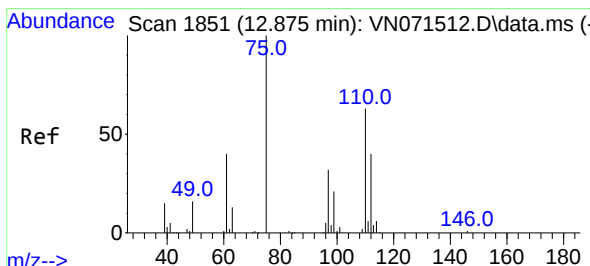
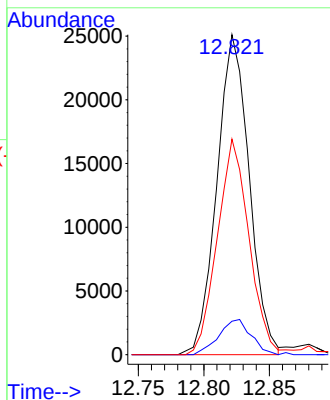
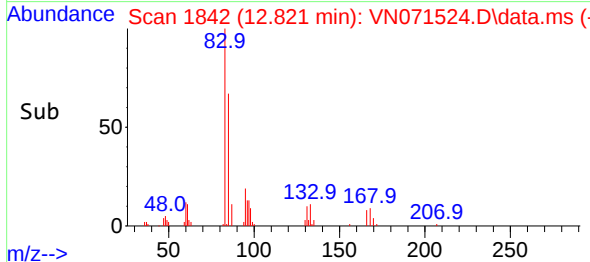
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2022



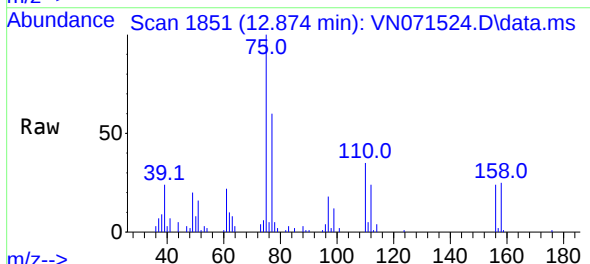
Tgt Ion: 83 Resp: 42988
Ion Ratio Lower Upper
83 100
131 11.0 5.1 15.3
85 65.9 33.1 99.2

Manual Integrations
APPROVED

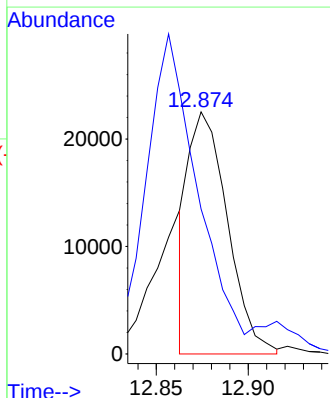
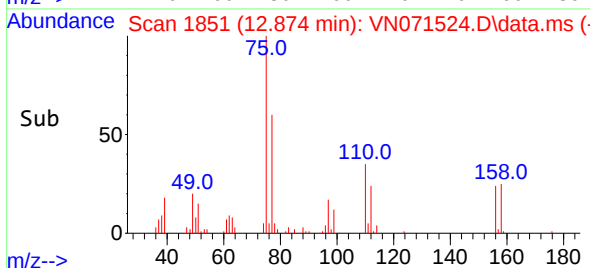
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

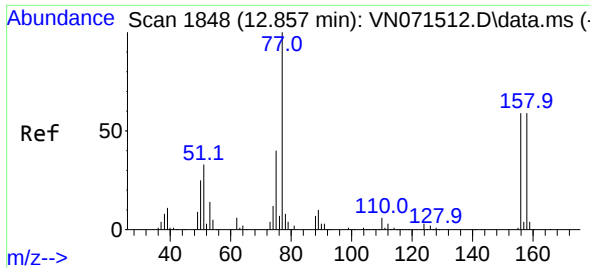


#72
1,2,3-Trichloropropane
Concen: 3.706 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36



Tgt Ion: 75 Resp: 33330
Ion Ratio Lower Upper
75 100
77 175.2 0.0 378.0





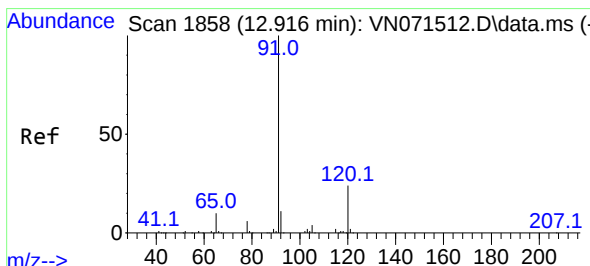
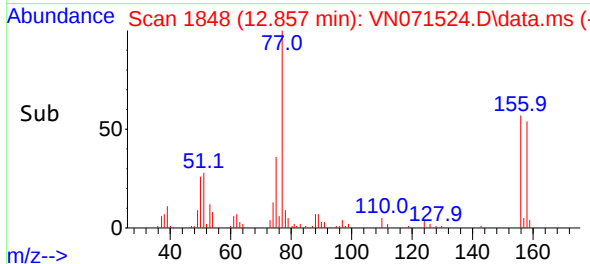
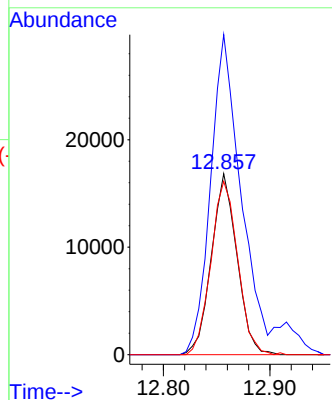
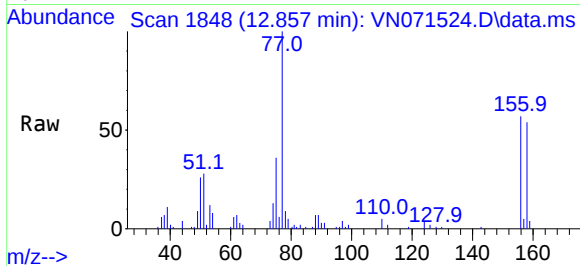
#73
Bromobenzene
Concen: 3.589 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36

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

Tgt Ion:156 Resp: 28159
Ion Ratio Lower Upper
156 100
77 207.4 0.0 416.0
158 99.9 0.0 195.4

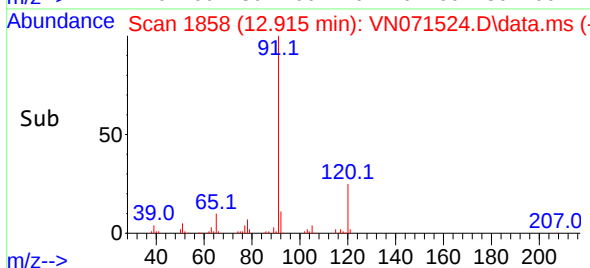
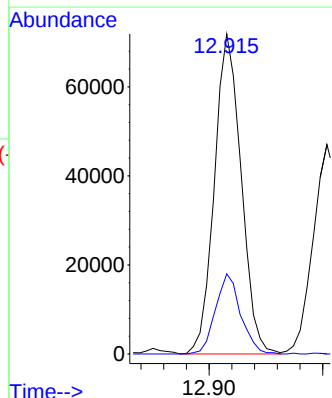
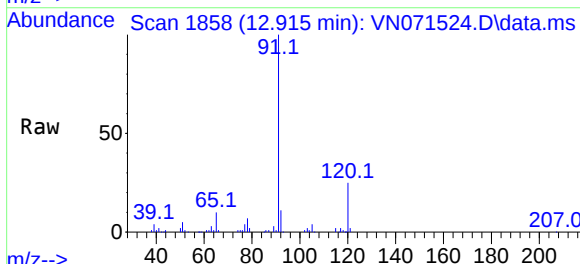
Manual Integrations
APPROVED

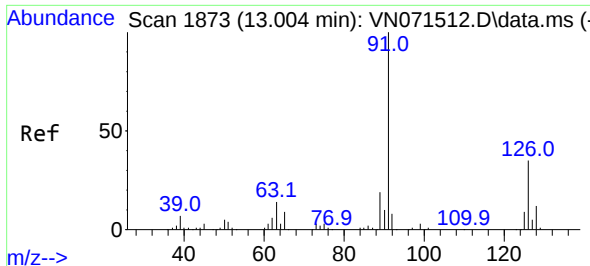
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#74
n-propylbenzene
Concen: 3.348 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36

Tgt Ion: 91 Resp: 117507
Ion Ratio Lower Upper
91 100
120 23.5 0.0 45.0





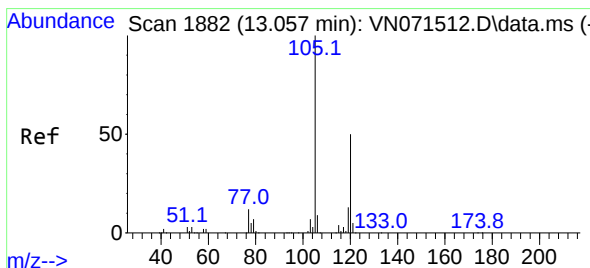
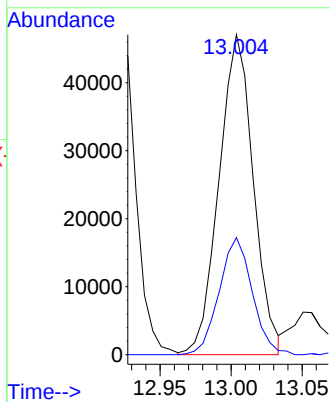
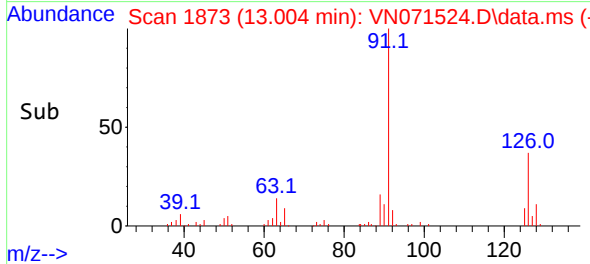
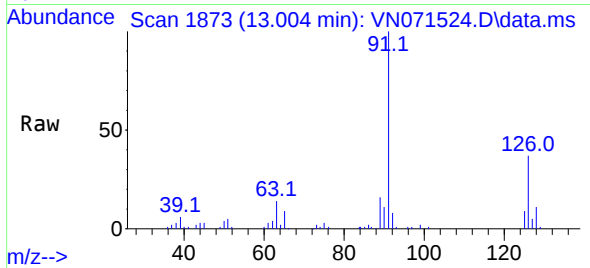
#75
2-Chlorotoluene
Concen: 3.612 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36

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

Tgt Ion: 91 Resp: 79220
Ion Ratio Lower Upper
91 100
126 35.2 0.0 69.8

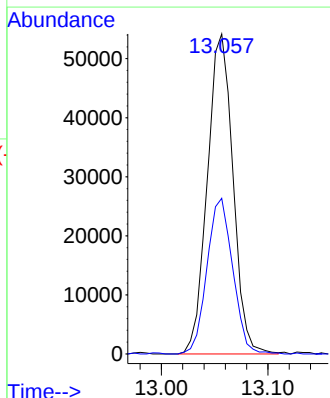
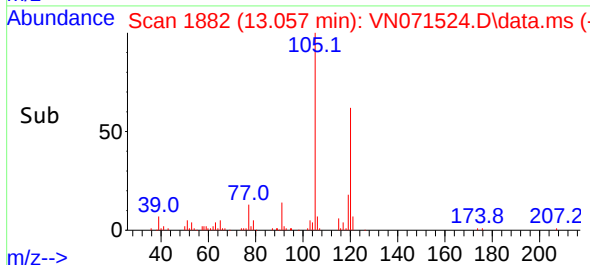
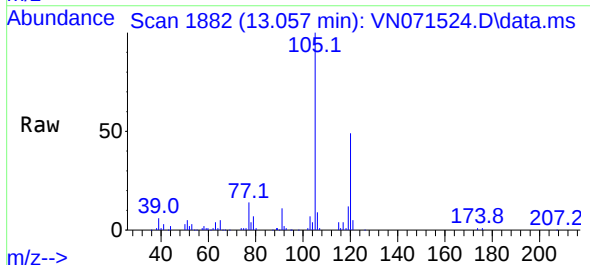
Manual Integrations
APPROVED

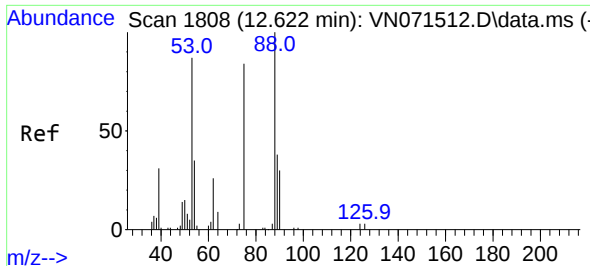
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#76
1,3,5-Trimethylbenzene
Concen: 3.514 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36

Tgt Ion:105 Resp: 90655
Ion Ratio Lower Upper
105 100
120 48.7 0.0 93.8





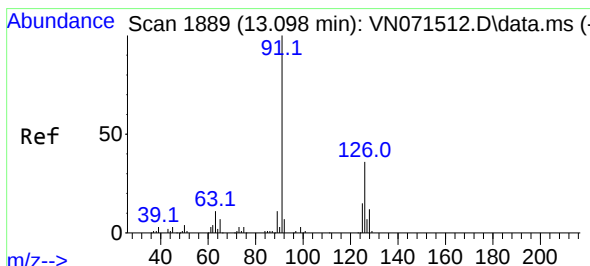
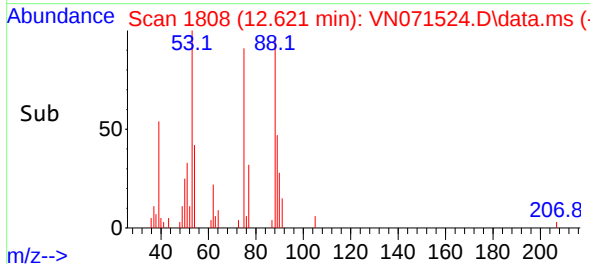
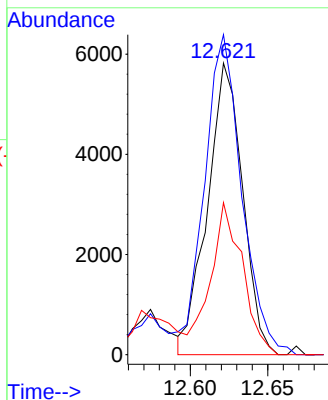
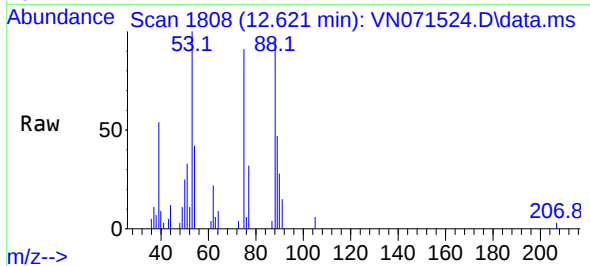
#77
t-1,4-Dichloro-2-butene
Concen: 2.907 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36

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

Tgt Ion: 75 Resp: 9178
Ion Ratio Lower Upper
75 100
53 106.8 51.8 155.5
89 52.1 22.9 68.7

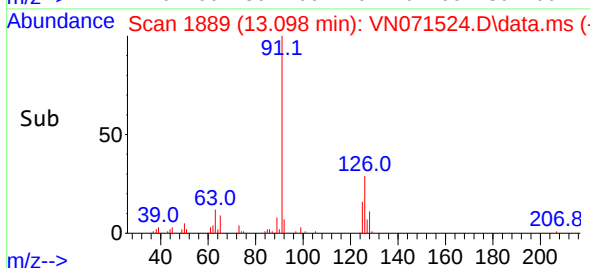
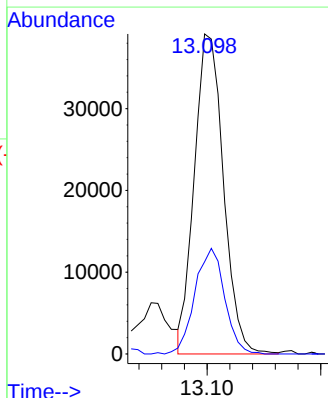
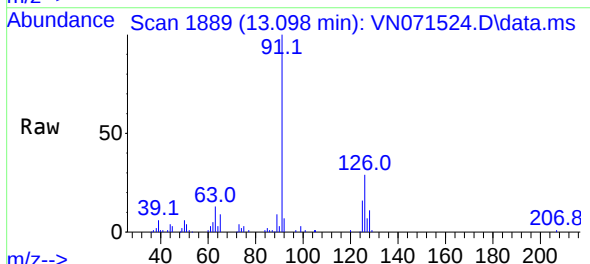
Manual Integrations
APPROVED

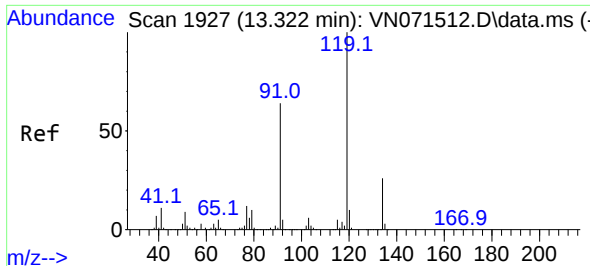
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#78
4-Chlorotoluene
Concen: 3.400 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36

Tgt Ion: 91 Resp: 69644
Ion Ratio Lower Upper
91 100
126 33.7 0.0 70.6





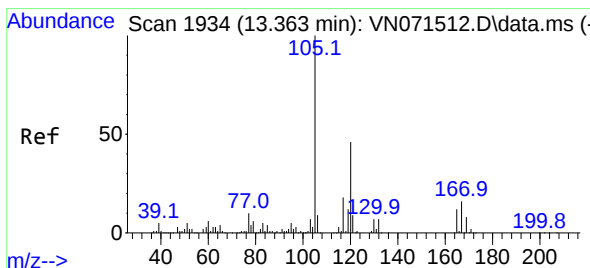
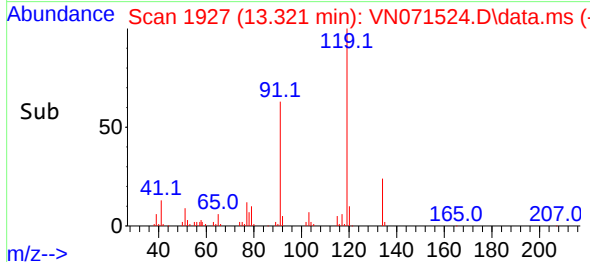
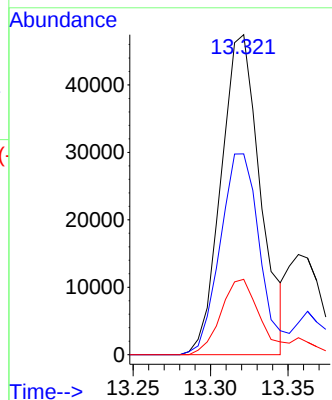
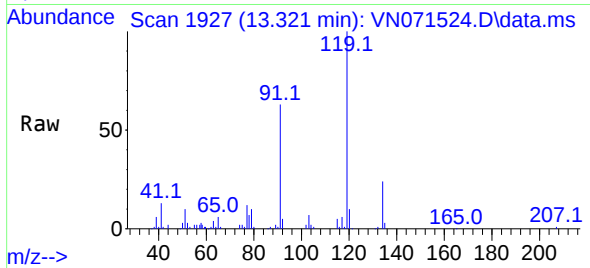
#79
tert-butylbenzene
Concen: 3.590 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36

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

Tgt Ion:119 Resp: 83570
Ion Ratio Lower Upper
119 100
91 63.8 0.0 137.0
134 23.7 0.0 47.6

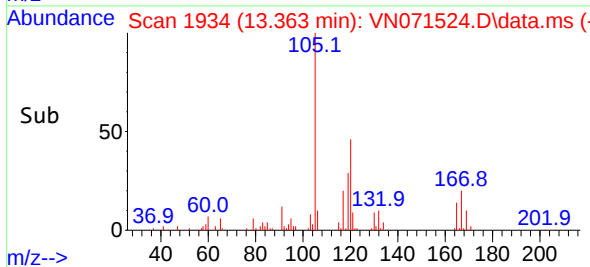
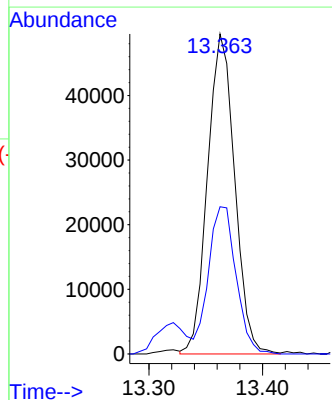
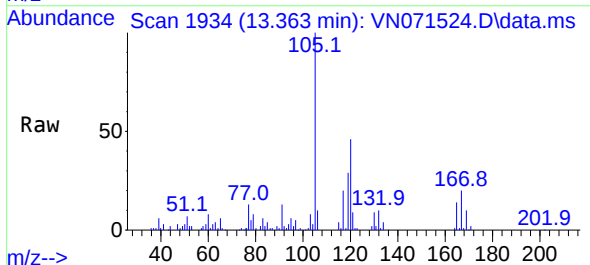
Manual Integrations
APPROVED

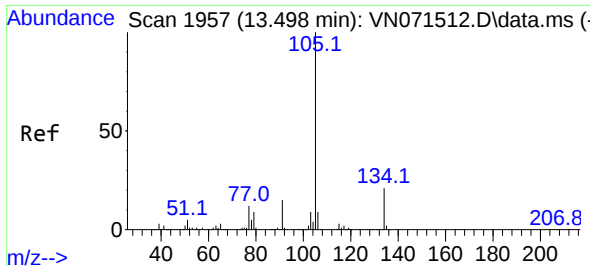
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#80
1,2,4-Trimethylbenzene
Concen: 3.287 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36

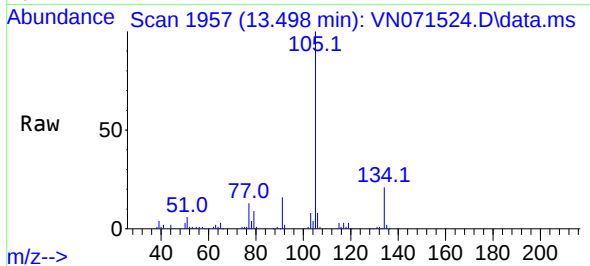
Tgt Ion:105 Resp: 82278
Ion Ratio Lower Upper
105 100
120 46.6 0.0 0.2#





#81
 sec-Butylbenzene
 Concen: 3.297 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN071524.D
 Acq: 24 Mar 2022 16:36

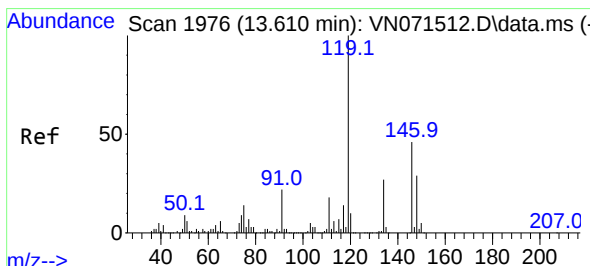
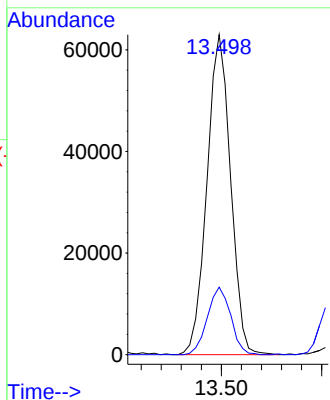
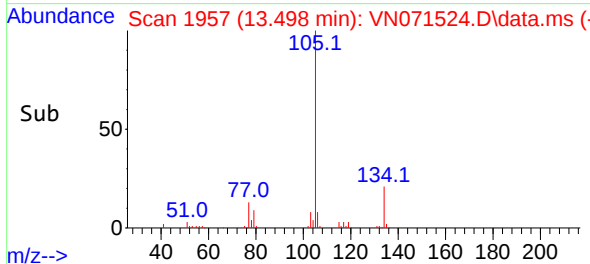
Instrument : MSVOA_N
 ClientSampleId : LOD-MDL-WATER-01-QT1-2022



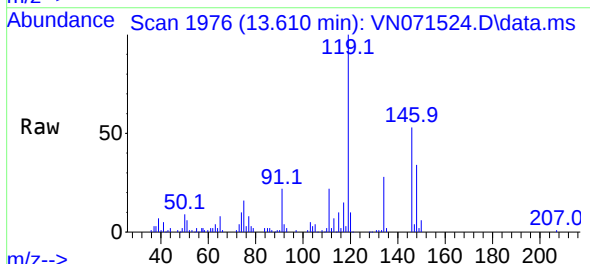
Tgt Ion:105 Resp: 103152
 Ion Ratio Lower Upper
 105 100
 134 20.8 0.0 39.4

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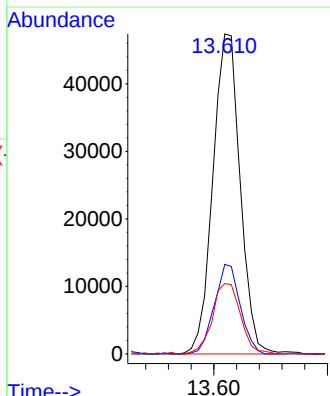
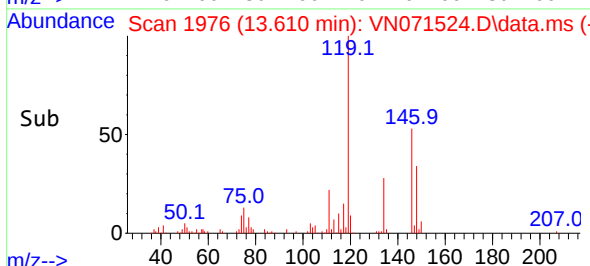
Reviewed By :John Carlone 03/25/2022
 Supervised By :Mahesh Dadoda 03/25/2022

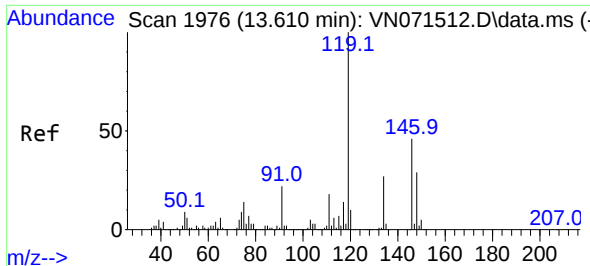


#82
 p-Isopropyltoluene
 Concen: 3.100 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071524.D
 Acq: 24 Mar 2022 16:36



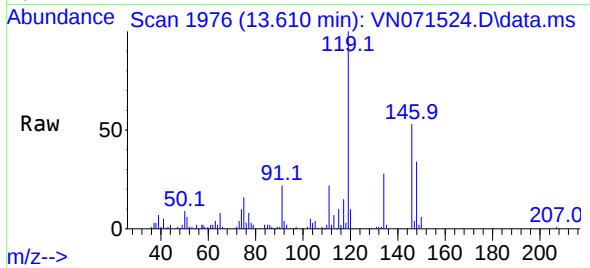
Tgt Ion:119 Resp: 78799
 Ion Ratio Lower Upper
 119 100
 134 26.6 0.0 51.8
 91 22.8 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 3.400 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36

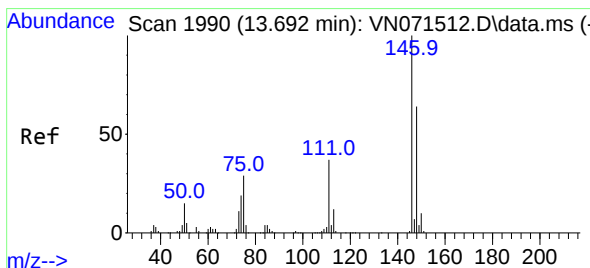
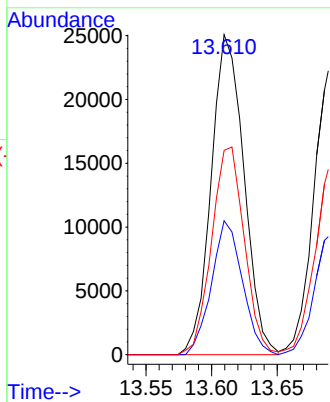
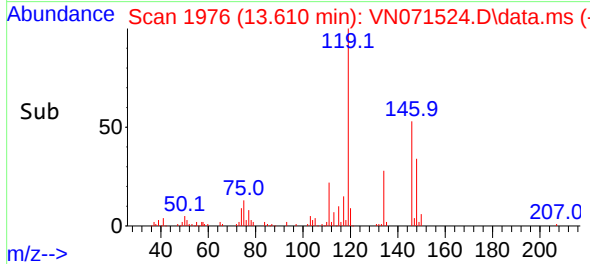
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2022



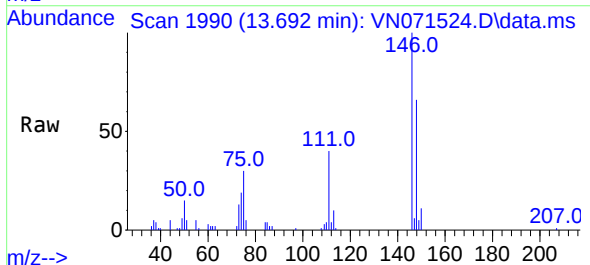
Tgt Ion:146 Resp: 4365
Ion Ratio Lower Upper
146 100
111 39.5 20.8 62.2
148 64.7 31.4 94.3

Manual Integrations
APPROVED

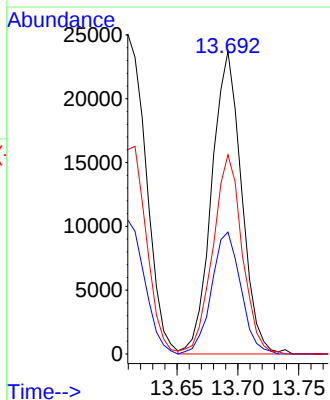
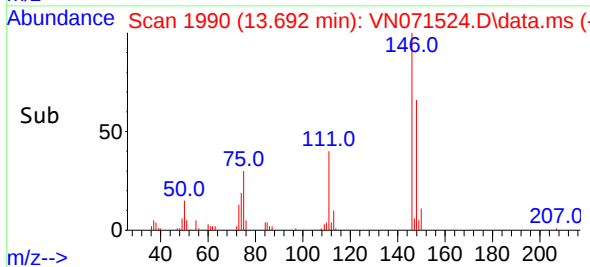
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

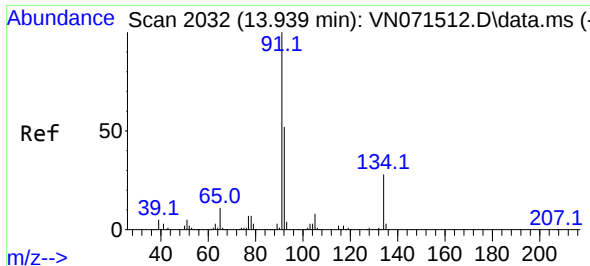


#84
1,4-Dichlorobenzene
Concen: 3.285 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36



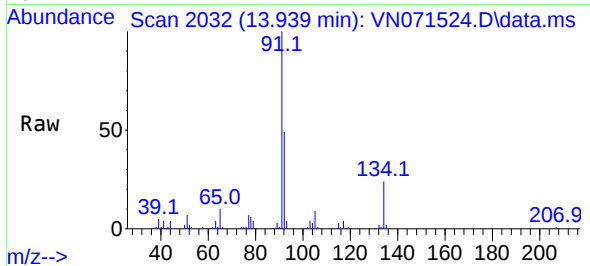
Tgt Ion:146 Resp: 40248
Ion Ratio Lower Upper
146 100
111 39.6 19.5 58.5
148 65.1 31.1 93.5





#85
n-Butylbenzene
Concen: 2.791 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36

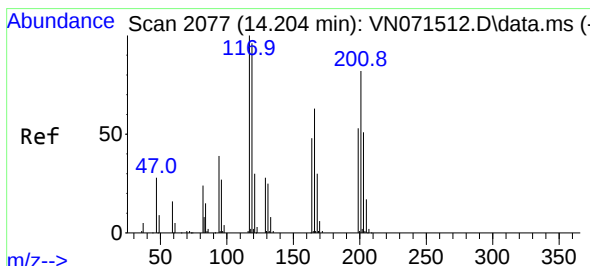
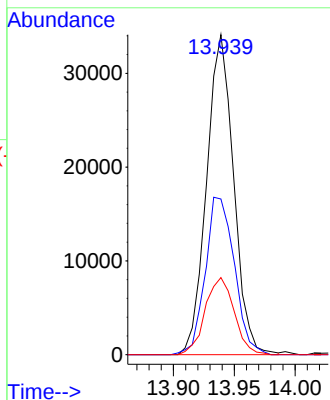
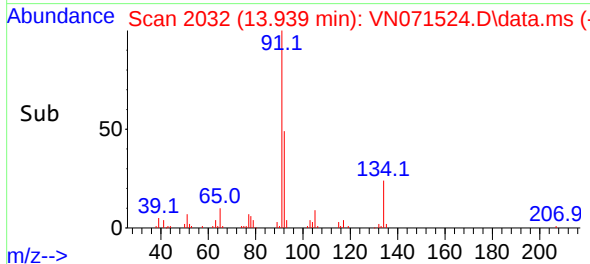
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2022



Tgt Ion: 91 Resp: 5270
Ion Ratio Lower Upper
91 100
92 52.8 0.0 100.6
134 25.9 0.0 50.2

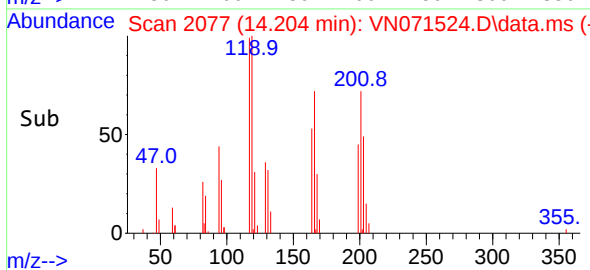
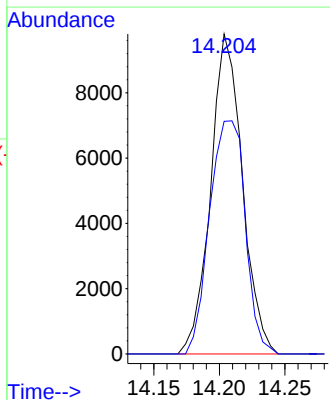
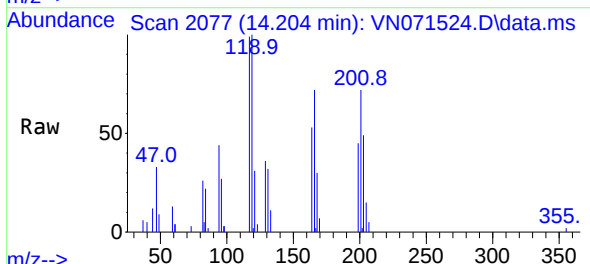
Manual Integrations
APPROVED

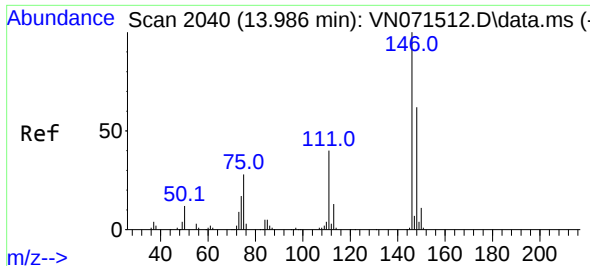
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#86
Hexachloroethane
Concen: 3.474 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36

Tgt Ion:117 Resp: 16491
Ion Ratio Lower Upper
117 100
201 81.9 33.3 99.8





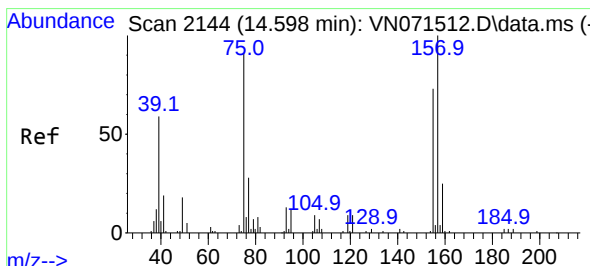
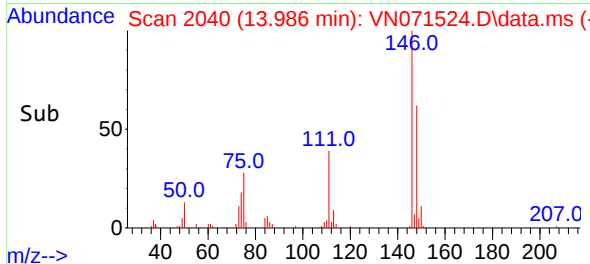
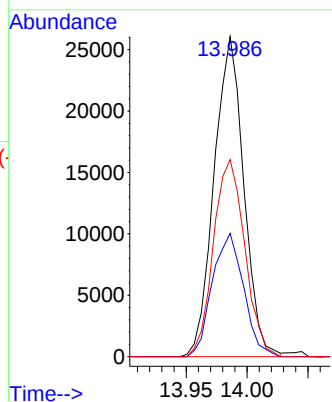
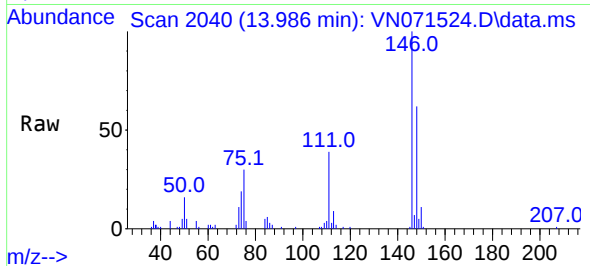
#87
1,2-Dichlorobenzene
Concen: 3.553 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36

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

Tgt Ion:146 Resp: 44104
Ion Ratio Lower Upper
146 100
111 40.6 21.4 64.2
148 65.1 32.5 97.4

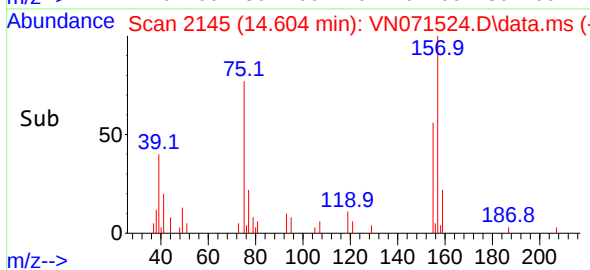
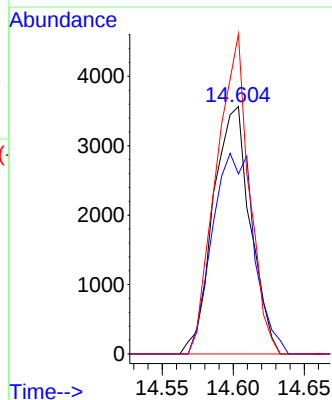
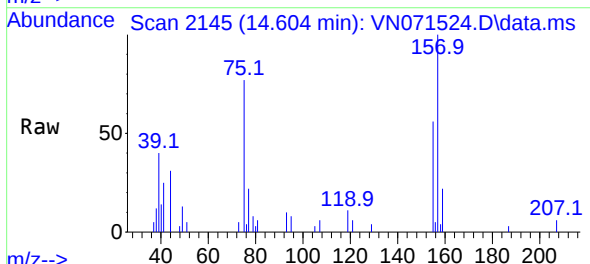
Manual Integrations
APPROVED

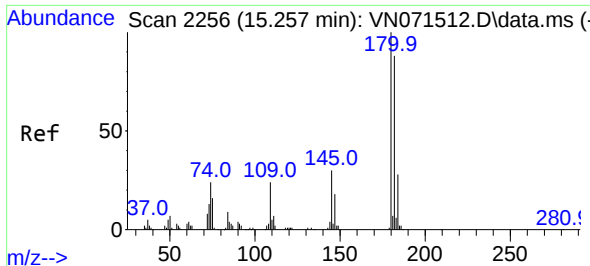
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#88
1,2-Dibromo-3-Chloropropane
Concen: 3.476 ug/l
RT: 14.604 min Scan# 2145
Delta R.T. 0.006 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36

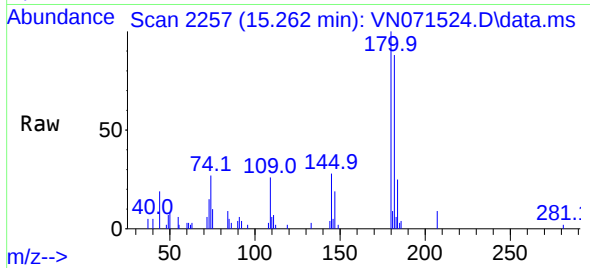
Tgt Ion: 75 Resp: 6474
Ion Ratio Lower Upper
75 100
155 61.9 63.8 95.8#
157 114.3 77.9 116.9





#89
1,2,4-Trichlorobenzene
Concen: 2.492 ug/l
RT: 15.262 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36

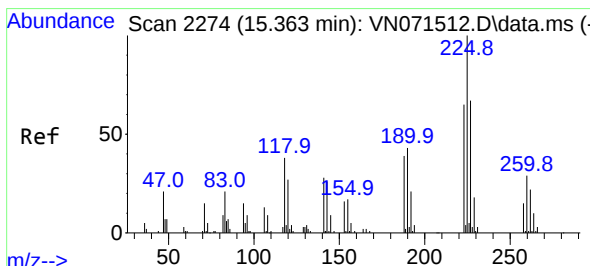
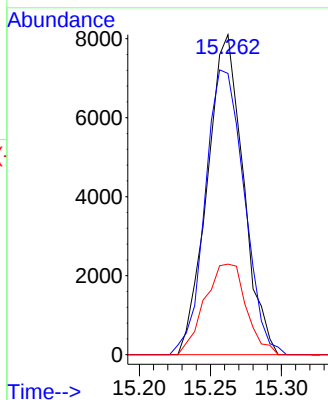
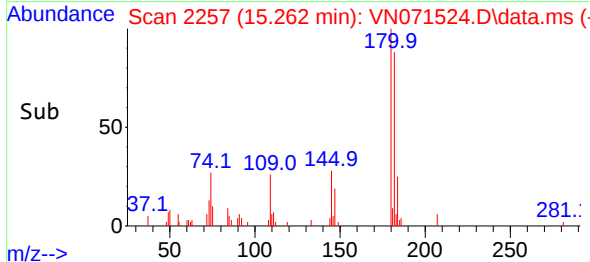
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



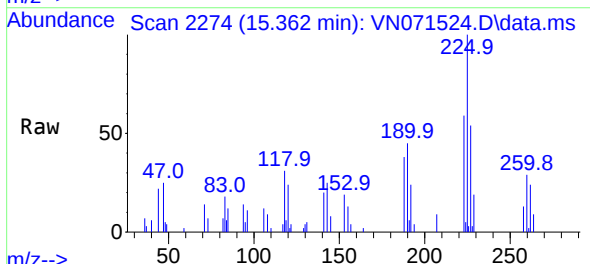
Tgt Ion:180 Resp: 1429
Ion Ratio Lower Upper
180 100
182 96.4 77.7 116.5
145 32.5 26.6 39.8

Manual Integrations
APPROVED

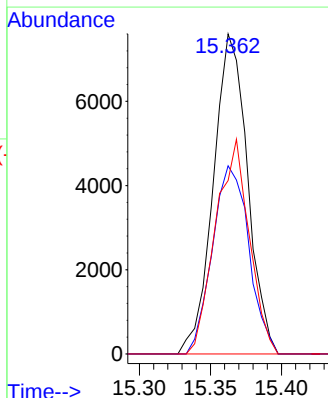
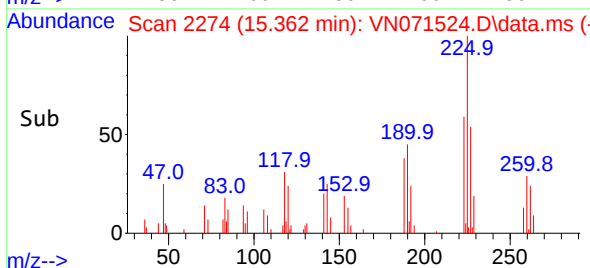
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

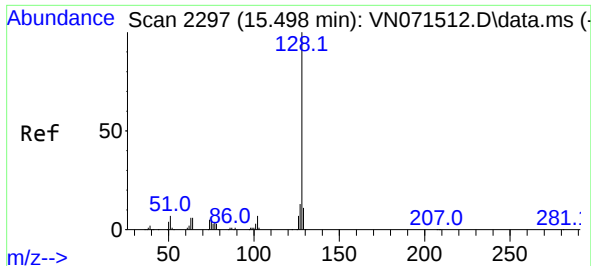


#90
Hexachlorobutadiene
Concen: 3.741 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. -0.000 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36



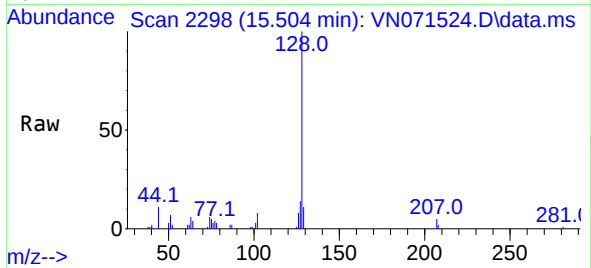
Tgt Ion:225 Resp: 12718
Ion Ratio Lower Upper
225 100
223 62.8 0.0 126.8
227 66.1 0.0 123.0





#91
Naphthalene
Concen: 2.015 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36

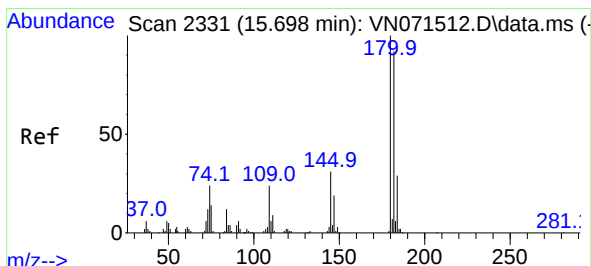
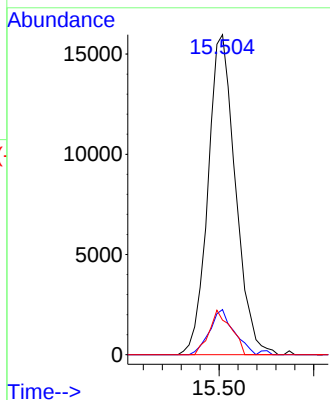
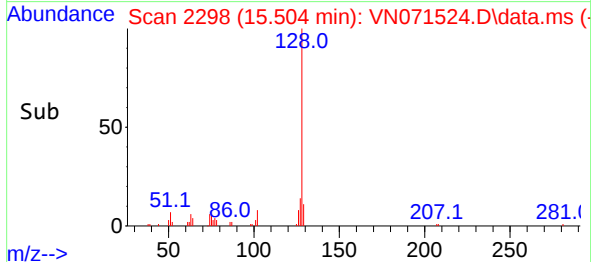
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



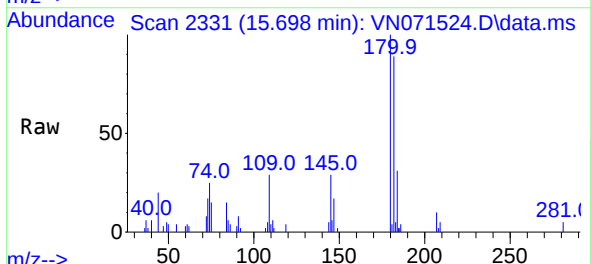
Tgt Ion:128 Resp: 32134
Ion Ratio Lower Upper
128 100
127 12.5 10.7 16.1
129 11.0 9.0 13.6

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 2.590 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VN071524.D
Acq: 24 Mar 2022 16:36



Tgt Ion:180 Resp: 14575
Ion Ratio Lower Upper
180 100
182 91.1 0.0 190.0
145 32.3 0.0 67.8

