

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060722\
 Data File : VN072691.D
 Acq On : 07 Jun 2022 16:31
 Operator : JC\MD
 Sample : N3214-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2022

Quant Time: Jun 08 09:52:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N060622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 06 14:10:15 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/08/2022
 Supervised By : Mahesh Dadoda 06/08/2022

Supervised By : Mahesh
 Dadoda
 06/08/2022

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

Internal Standards						
1) Bromochloromethane	7.657	128	36760	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	216188	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	184294	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	127823	30.489	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.633%			
60) 4-Bromofluorobenzene	12.727	95	98514	25.990	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 86.633%			
63) Toluene-d8	10.439	98	330016	32.326	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 107.767%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.069	85	7578	2.752	ug/l	88
3) Chloromethane	2.293	50	9408	3.142	ug/l	93
4) Vinyl Chloride	2.434	62	7801	2.889	ug/l	93
5) Bromomethane	2.846	94	4492	3.217	ug/l #	74
6) Chloroethane	3.004	64	6596	3.664	ug/l #	87
7) Trichlorofluoromethane	3.369	101	11595	2.375	ug/l	97
8) Diethyl Ether	3.822	74	4960	2.621	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.204	101	6374m	2.479	ug/l	
10) 1,1-Dichloroethene	4.175	96	6646	2.736	ug/l	91
11) Methyl Iodide	4.422	142	4975m	2.046	ug/l	
12) Methyl Acetate	4.851	43	18684m	3.729	ug/l	
13) Acrolein	4.046	56	3496m	7.970	ug/l	
14) Acrylonitrile	5.563	53	27448m	13.438	ug/l	
15) Acetone	4.287	58	7920m	14.321	ug/l	
16) Carbon Disulfide	4.528	76	16991	2.775	ug/l	95
17) Allyl chloride	4.828	41	13359	2.546	ug/l	80
18) Methylene Chloride	5.093	84	8900	2.918	ug/l #	72
19) trans-1,2-Dichloroethene	5.598	96	6998m	2.663	ug/l	
20) Diisopropyl ether	6.487	45	28326	2.726	ug/l	96
21) 1,1-Dichloroethane	6.387	63	15280	2.647	ug/l	99
22) cis-1,2-Dichloroethene	7.322	96	8720	2.649	ug/l #	66
23) tert-Butyl Alcohol	5.369	59	16718m	17.588	ug/l	
24) Methyl tert-Butyl Ether	5.610	73	27384	2.535	ug/l #	91
25) Chloroform	7.816	83	15926	2.686	ug/l	92
26) Cyclohexane	8.092	56	12702	2.639	ug/l #	95
29) 1,1-Dichloropropene	8.222	75	10428	2.530	ug/l	95
30) 2-Butanone	7.334	43	44106	14.789	ug/l #	91
31) 2,2-Dichloropropane	7.328	77	7094m	1.272	ug/l	
32) 1,1,1-Trichloroethane	8.016	97	13116	2.432	ug/l #	93
33) Carbon Tetrachloride	8.210	117	11050	2.376	ug/l	89
34) Benzene	8.457	78	32987	2.706	ug/l #	59
35) Methacrylonitrile	7.639	41	7734m	2.645	ug/l	
36) 1,2-Dichloroethane	8.528	62	12987	2.521	ug/l #	93
37) Trichloroethene	9.216	130	7372	2.508	ug/l	96
38) Methylcyclohexane	9.457	83	12015	2.442	ug/l	91
39) 1,2-Dichloropropane	9.486	63	8785	2.623	ug/l	100
40) Dibromomethane	9.575	93	6186	2.690	ug/l	88
41) Bromodichloromethane	9.757	83	12004	2.441	ug/l	90
42) Vinyl Acetate	6.428	43	117972	12.150	ug/l	99

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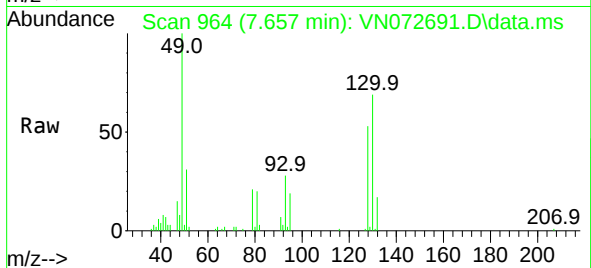
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.404	43	15679m	2.744	ug/l	
44) Isopropyl Acetate	8.557	43	24486	2.583	ug/l #	64
45) 1,4-Dioxane	9.575	88	4092	52.534	ug/l #	81
46) Methyl methacrylate	9.557	41	10300	2.430	ug/l	87
47) n-amyl Acetate	12.386	43	13003	1.792	ug/l	97
48) t-1,3-Dichloropropene	10.722	75	11054	1.969	ug/l #	88
49) cis-1,3-Dichloropropene	10.186	75	12155	2.132	ug/l	94
50) 1,1,2-Trichloroethane	10.892	97	8435	2.595	ug/l	89
51) Ethyl methacrylate	10.757	69	14570	2.474	ug/l	86
52) 1,3-Dichloropropane	11.039	76	14816	2.561	ug/l	99
53) Dibromochloromethane	11.239	129	8285	2.310	ug/l	100
54) 1,2-Dibromoethane	11.345	107	8395	2.456	ug/l	92
55) 2-Chloroethyl vinyl ether	10.039	63	25292	10.967	ug/l	98
56) Bromoform	12.457	173	5213	2.086	ug/l #	99
58) 4-Methyl-2-Pentanone	10.327	43	80891	14.634	ug/l	95
59) 2-Hexanone	11.086	43	55818	13.319	ug/l	95
61) Tetrachloroethene	10.974	164	6901	3.026	ug/l	93
62) Toluene	10.504	91	34144	2.732	ug/l	98
64) Chlorobenzene	11.769	112	19407	2.551	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.833	131	7813	2.605	ug/l	95
66) Ethyl Benzene	11.839	91	36607	2.552	ug/l	94
67) m/p-Xylenes	11.951	106	25097	4.796	ug/l	94
68) o-Xylene	12.274	106	12627	2.365	ug/l	88
69) Styrene	12.292	104	17712	2.090	ug/l	92
70) Isopropylbenzene	12.574	105	32203	2.309	ug/l	95
71) 1,1,2,2-Tetrachloroethane	12.827	83	12226	2.589	ug/l	96
72) 1,2,3-Trichloropropane	12.880	75	10926m	2.651	ug/l	
73) Bromobenzene	12.863	156	6560	2.313	ug/l	75
74) n-propylbenzene	12.916	91	32194	2.017	ug/l	97
75) 2-Chlorotoluene	13.004	91	22157	2.239	ug/l	94
76) 1,3,5-Trimethylbenzene	13.057	105	25152	2.197	ug/l	99
77) t-1,4-Dichloro-2-butene	12.621	75	2794	1.609	ug/l	96
78) 4-Chlorotoluene	13.104	91	18886	2.021	ug/l	93
79) tert-butylbenzene	13.321	119	24135	2.361	ug/l	99
80) 1,2,4-Trimethylbenzene	13.498	105	29188	2.114	ug/l #	100
81) sec-Butylbenzene	13.498	105	29188	2.114	ug/l	98
82) p-Isopropyltoluene	13.616	119	20779	1.886	ug/l	96
83) 1,3-Dichlorobenzene	13.616	146	10019	2.018	ug/l	96
84) 1,4-Dichlorobenzene	13.692	146	9508	1.973	ug/l	95
85) n-Butylbenzene	13.939	91	15458	1.654	ug/l	94
86) Hexachloroethane	14.210	117	5476	2.245	ug/l	79
87) 1,2-Dichlorobenzene	13.986	146	10281	2.093	ug/l	95
88) 1,2-Dibromo-3-Chloropr...	14.604	75	2903	2.452	ug/l #	76
89) 1,2,4-Trichlorobenzene	15.262	180	4237	1.711	ug/l	93
90) Hexachlorobutadiene	15.368	225	2024	1.822	ug/l #	49
91) Naphthalene	15.504	128	14763	1.494	ug/l #	94
92) 1,2,3-Trichlorobenzene	15.704	180	3989	1.584	ug/l	96

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 90
Delta R.T. 0.006 min
Lab File: VN072691.D
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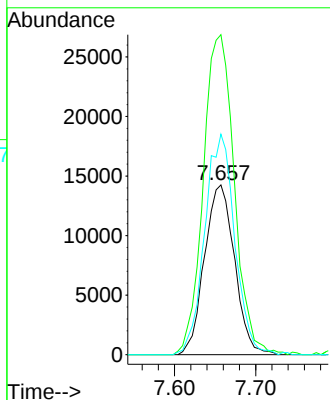
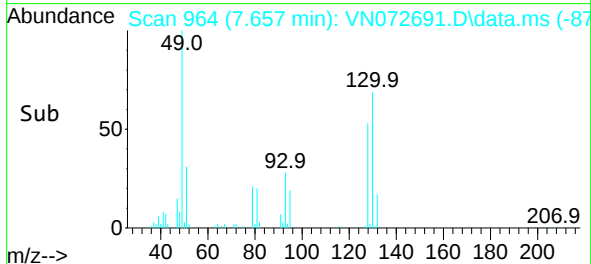
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



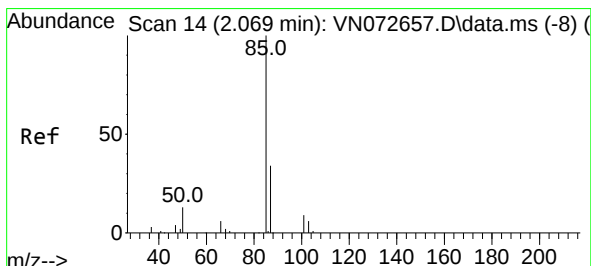
Tgt Ion:128 Resp: 36760
Ion Ratio Lower Upper
128 100
49 193.5 0.0 392.3
130 129.6 0.0 320.2

Manual Integrations
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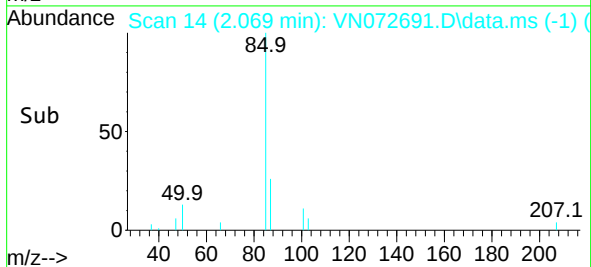
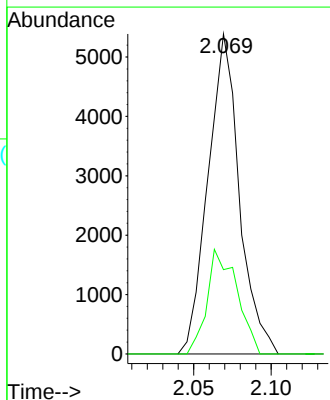
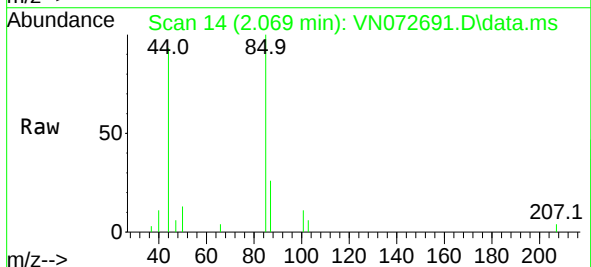


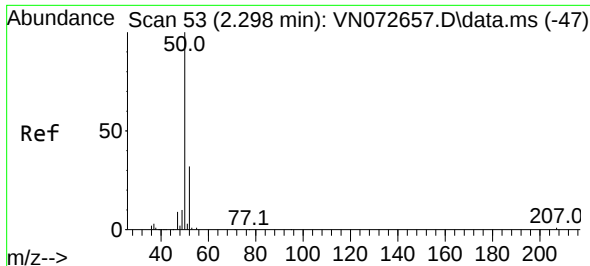
Supervised By :Mahesh
Dadoda
06/08/2022



#2
Dichlorodifluoromethane
Concen: 2.752 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

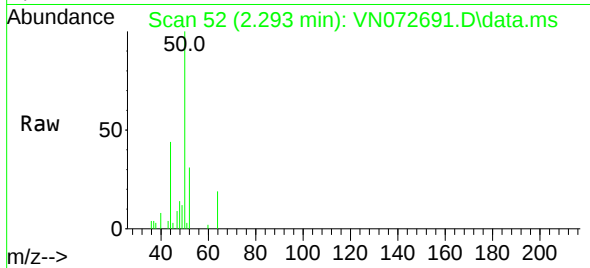
Tgt Ion: 85 Resp: 7578
Ion Ratio Lower Upper
85 100
87 26.4 16.6 49.7





#3
Chloromethane
Concen: 3.142 ug/l
RT: 2.293 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

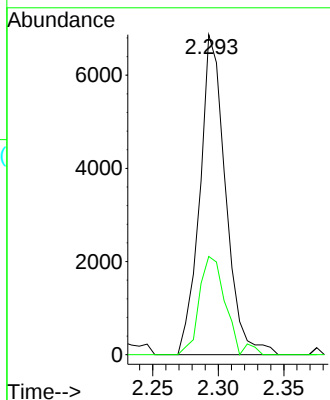
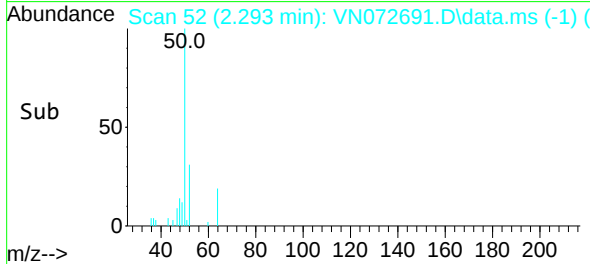
Instrument :
MSVOA_N
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LOD-MDL-WATER-01-QT2-2022



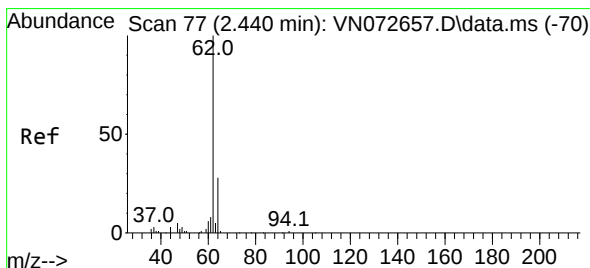
Tgt Ion: 50 Resp: 9408
Ion Ratio Lower Upper
50 100
52 30.7 27.8 41.6

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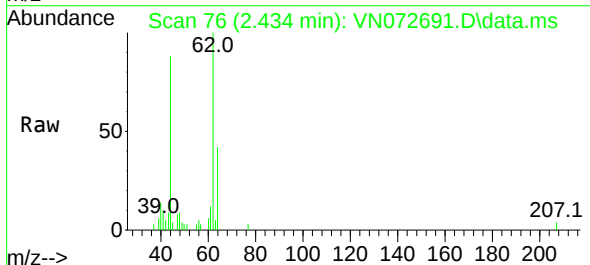
Reviewed By :John Carlone 06/08/2022
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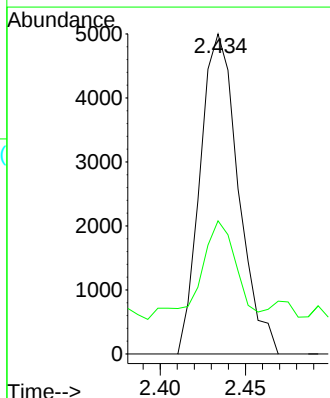
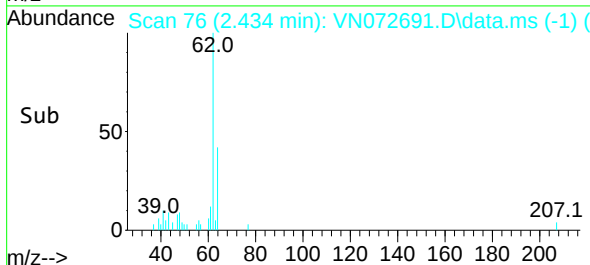
Supervised By :Mahesh
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06/08/2022



#4
Vinyl Chloride
Concen: 2.889 ug/l
RT: 2.434 min Scan# 76
Delta R.T. -0.006 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31



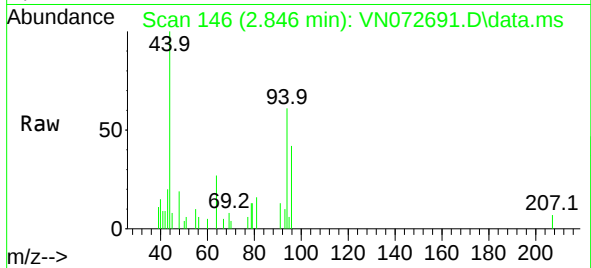
Tgt Ion: 62 Resp: 7801
Ion Ratio Lower Upper
62 100
64 27.4 25.1 37.7





#5
Bromomethane
Concen: 3.217 ug/l
RT: 2.846 min Scan# 147
Delta R.T. -0.006 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2022

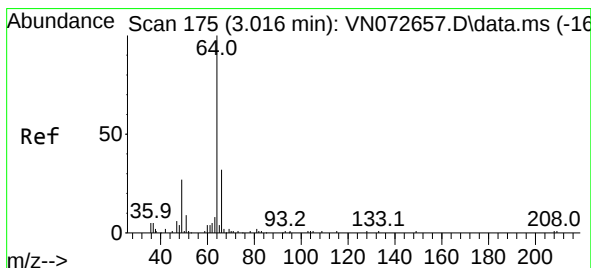
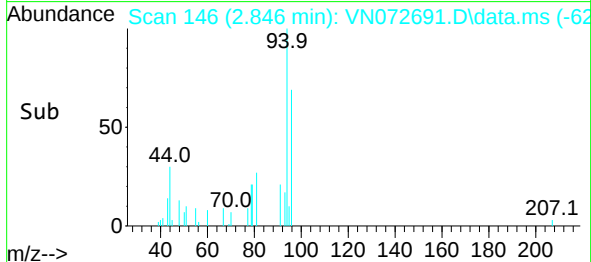
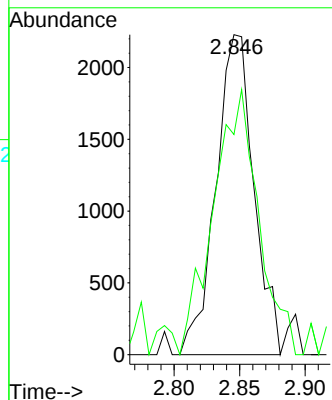


Tgt Ion: 94 Resp: 4492
Ion Ratio Lower Upper
94 100
96 68.8 75.2 112.8

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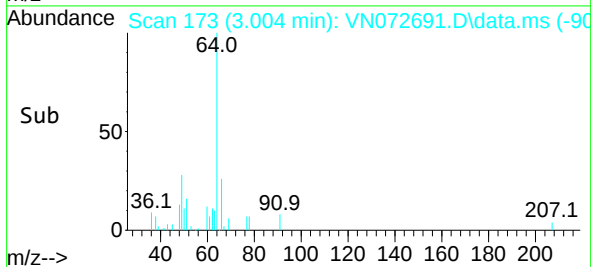
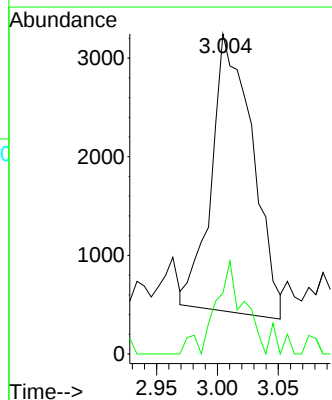
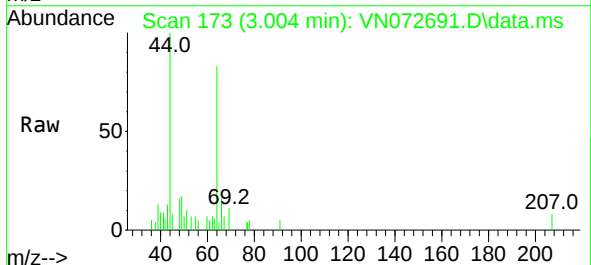
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

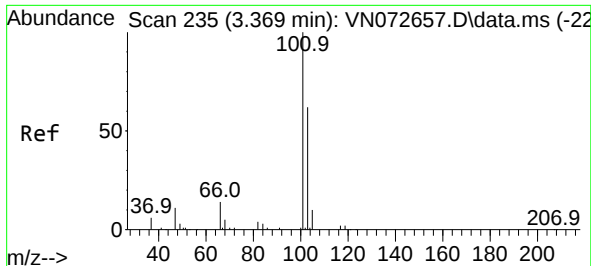
Supervised By :Mahesh
Dadoda
06/08/2022



#6
Chloroethane
Concen: 3.664 ug/l
RT: 3.004 min Scan# 173
Delta R.T. -0.012 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

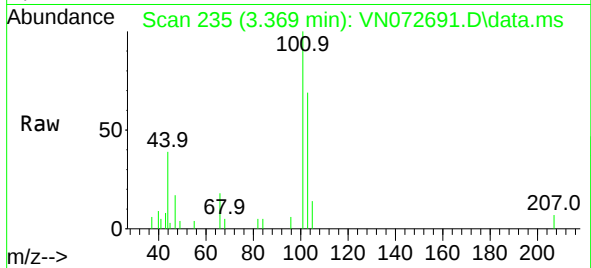
Tgt Ion: 64 Resp: 6596
Ion Ratio Lower Upper
64 100
66 23.3 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 2.375 ug/l
 RT: 3.369 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VN072691.D
 Acq: 07 Jun 2022 16:31

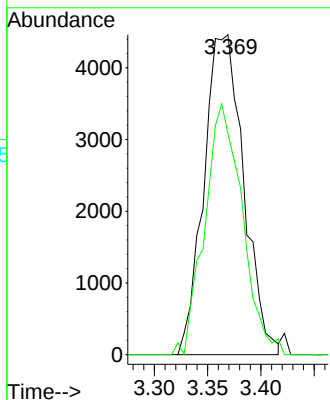
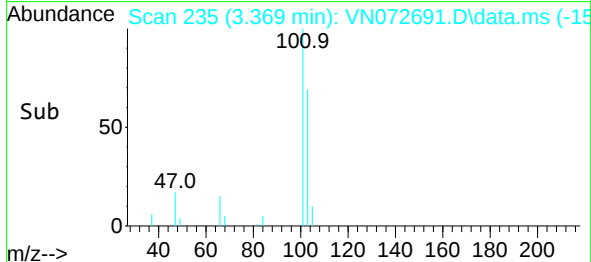
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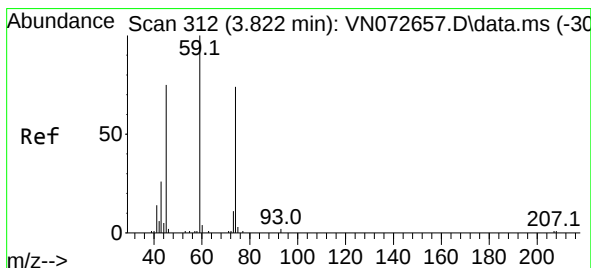
Tgt Ion:101 Resp: 1159
 Ion Ratio Lower Upper
 101 100
 103 65.3 50.1 75.1

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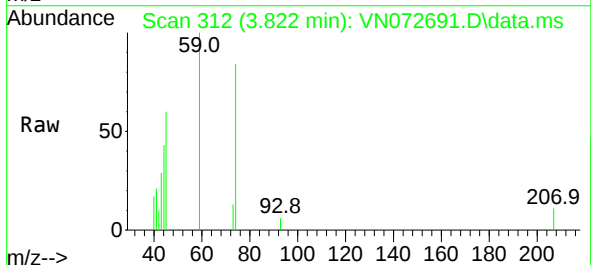
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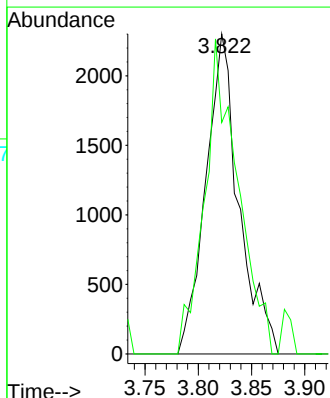
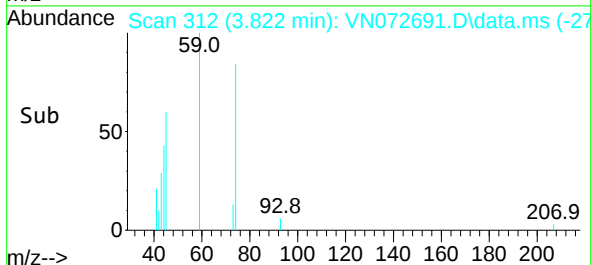
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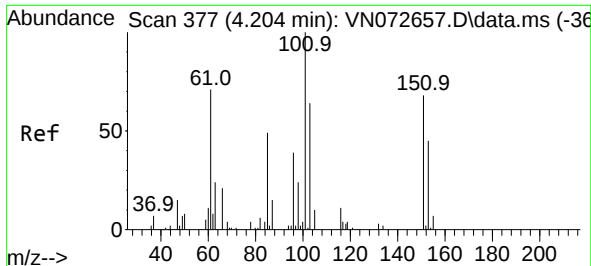


#8
 Diethyl Ether
 Concen: 2.621 ug/l
 RT: 3.822 min Scan# 312
 Delta R.T. 0.000 min
 Lab File: VN072691.D
 Acq: 07 Jun 2022 16:31



Tgt Ion: 74 Resp: 4960
 Ion Ratio Lower Upper
 74 100
 45 99.3 17.6 158.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.479 ug/l m
RT: 4.204 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

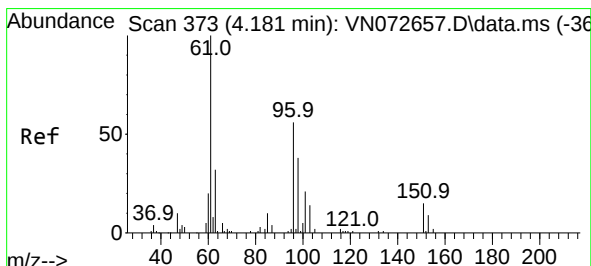
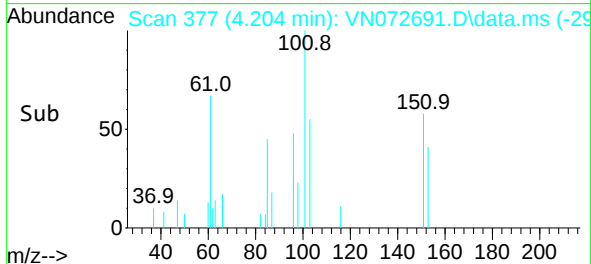
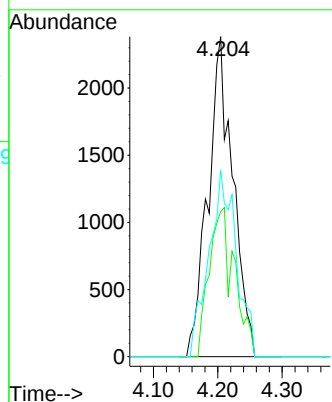
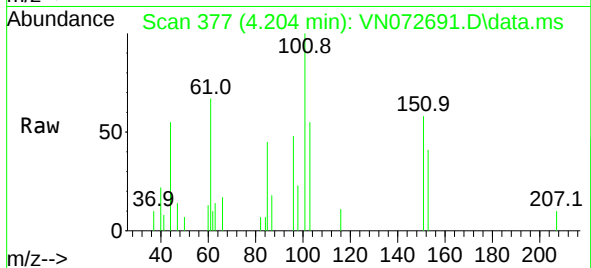
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

Tgt Ion:101 Resp: 6374
Ion Ratio Lower Upper
101 100
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151 44.4 0.0 74.6

Manual Integrations
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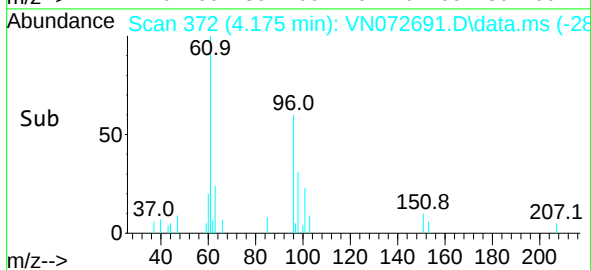
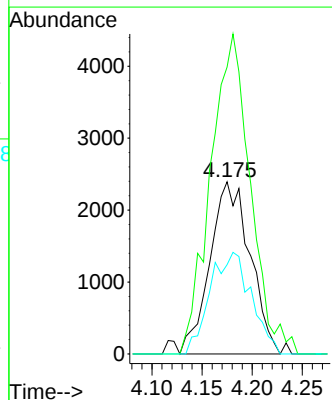
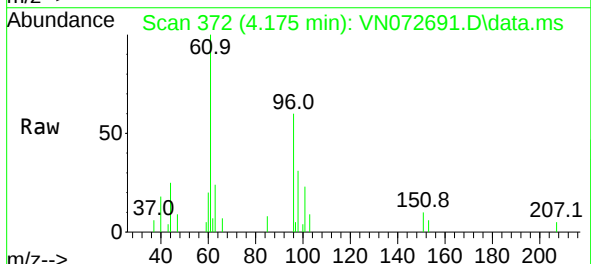
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

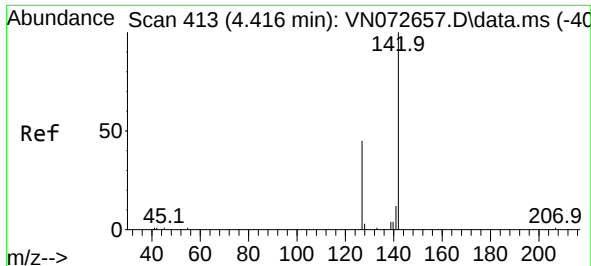
Supervised By :Mahesh
Dadoda
06/08/2022



#10
1,1-Dichloroethene
Concen: 2.736 ug/l
RT: 4.175 min Scan# 372
Delta R.T. -0.006 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

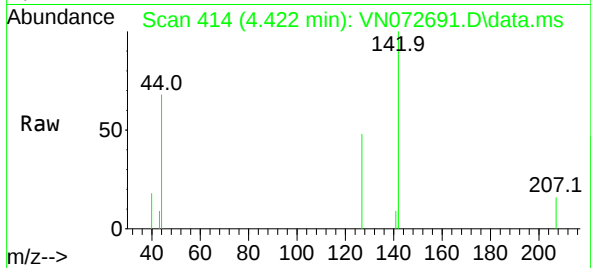
Tgt Ion: 96 Resp: 6646
Ion Ratio Lower Upper
96 100
61 166.7 126.2 189.4
98 51.9 50.9 76.3





#11
Methyl Iodide
Concen: 2.046 ug/l m
RT: 4.422 min Scan# 413
Delta R.T. 0.006 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

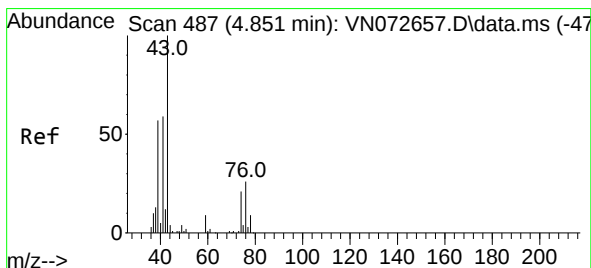
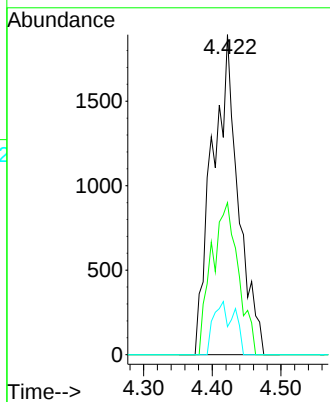
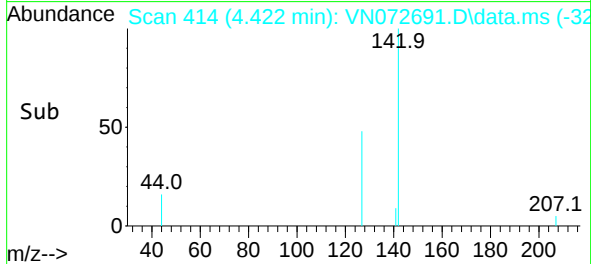


Tgt Ion:142 Resp: 4975
Ion Ratio Lower Upper
142 100
127 47.5 24.0 72.0
141 8.8 8.4 25.2

Manual Integrations
APPROVED

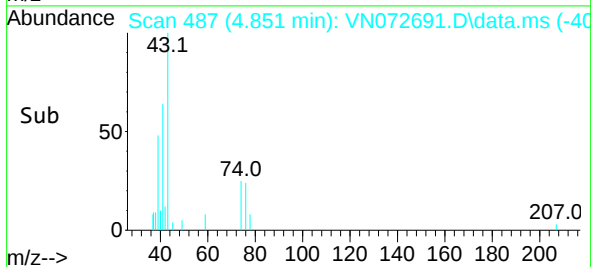
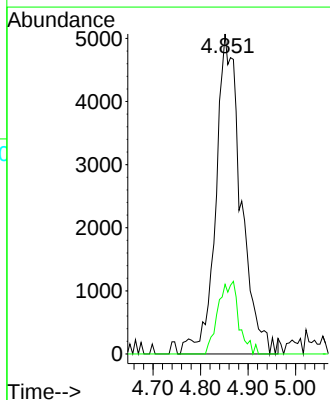
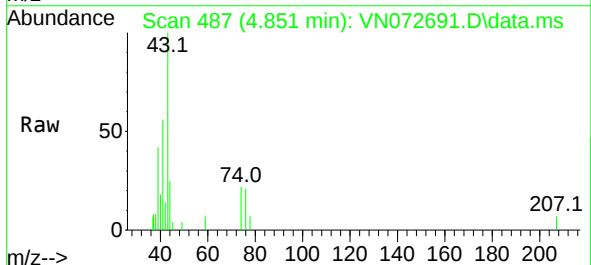
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

Supervised By :Mahesh
Dadoda
06/08/2022



#12
Methyl Acetate
Concen: 3.729 ug/l m
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

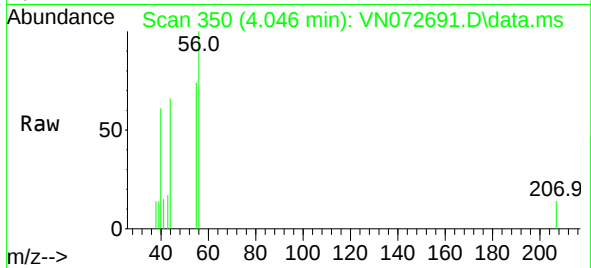
Tgt Ion: 43 Resp: 18684
Ion Ratio Lower Upper
43 100
74 21.8 20.8 31.2





#13
Acrolein
Concen: 7.970 ug/l m
RT: 4.046 min Scan# 348
Delta R.T. 0.012 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

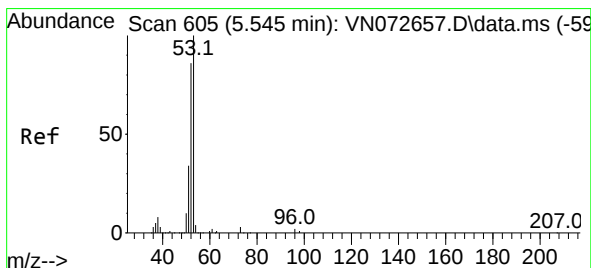
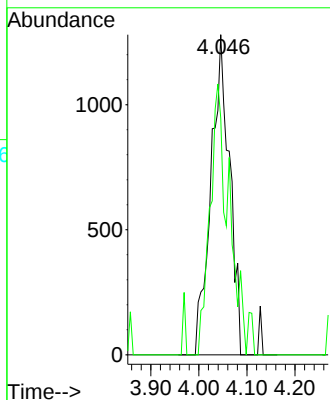


Tgt Ion: 56 Resp: 3490
Ion Ratio Lower Upper
56 100
55 61.5 57.6 86.4

Manual Integrations
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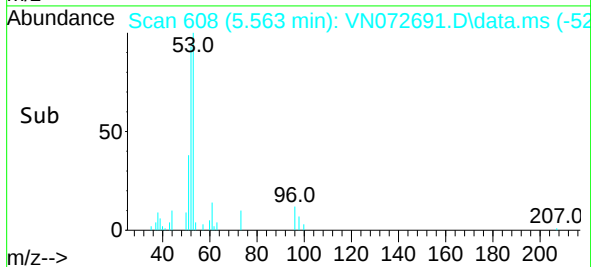
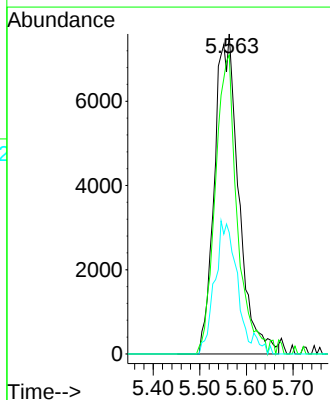
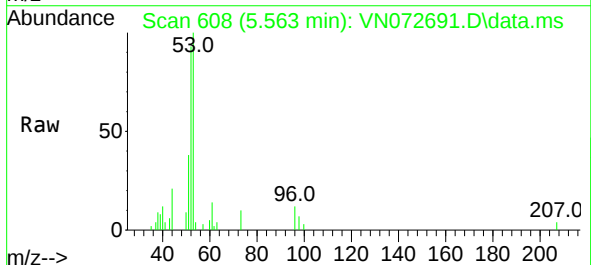
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

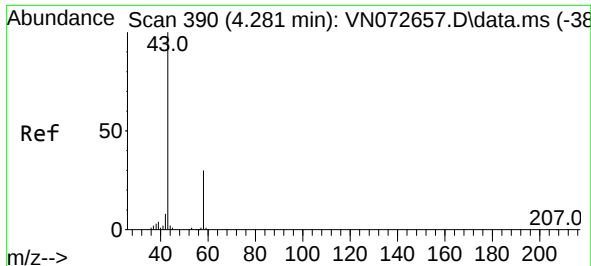
Supervised By :Mahesh
Dadoda
06/08/2022



#14
Acrylonitrile
Concen: 13.438 ug/l m
RT: 5.563 min Scan# 608
Delta R.T. 0.018 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

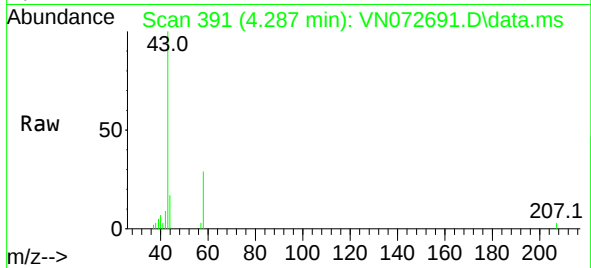
Tgt Ion: 53 Resp: 27448
Ion Ratio Lower Upper
53 100
52 83.9 41.8 125.4
51 17.4 19.0 57.0#





#15
Acetone
Concen: 14.321 ug/l m
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

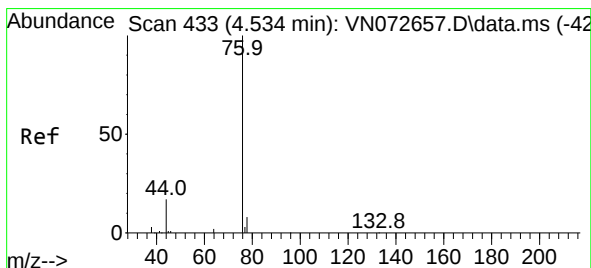
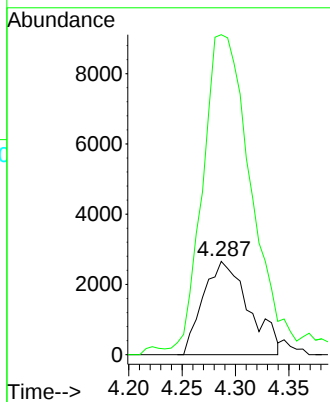
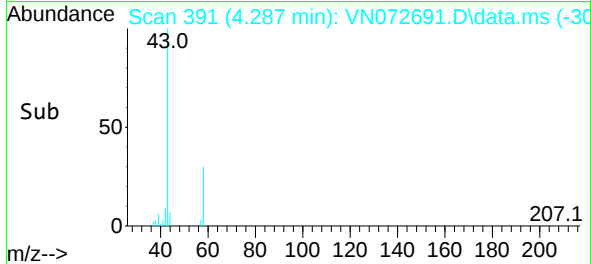


Tgt Ion: 58 Resp: 7920
Ion Ratio Lower Upper
58 100
43 343.0 256.6 384.8

Manual Integrations
APPROVED

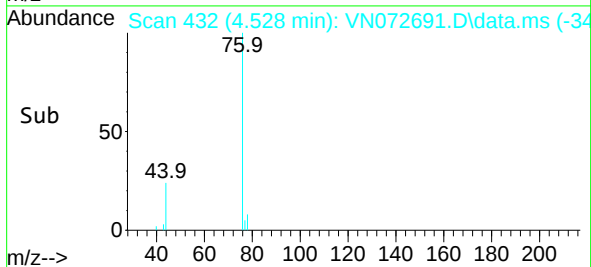
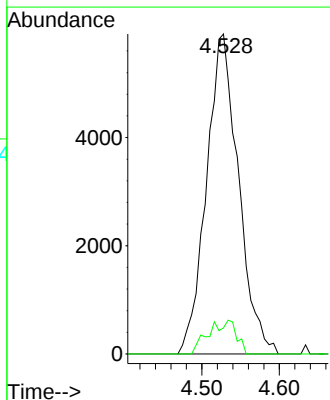
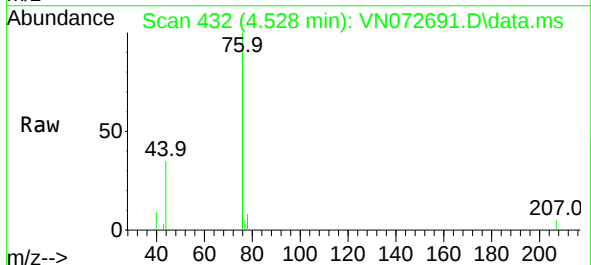
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

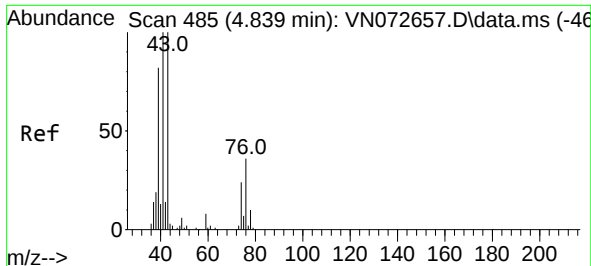
Supervised By :Mahesh
Dadoda
06/08/2022



#16
Carbon Disulfide
Concen: 2.775 ug/l
RT: 4.528 min Scan# 432
Delta R.T. -0.006 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

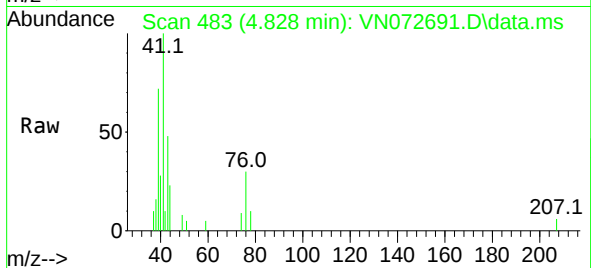
Tgt Ion: 76 Resp: 16991
Ion Ratio Lower Upper
76 100
78 8.1 7.8 11.8





#17
 Allyl chloride
 Concen: 2.546 ug/l
 RT: 4.828 min Scan# 41
 Delta R.T. -0.012 min
 Lab File: VN072691.D
 Acq: 07 Jun 2022 16:31

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2022

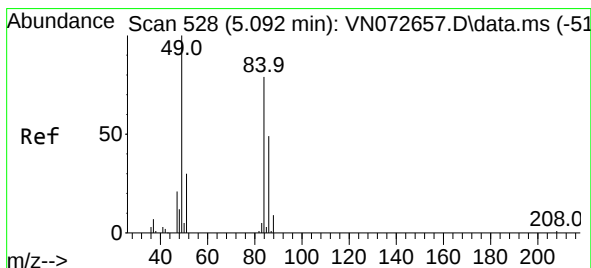
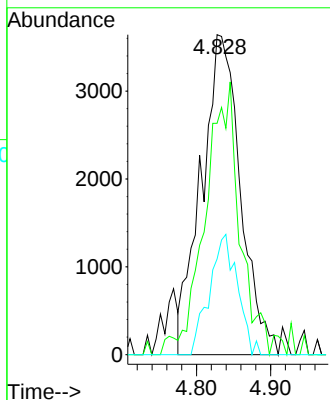
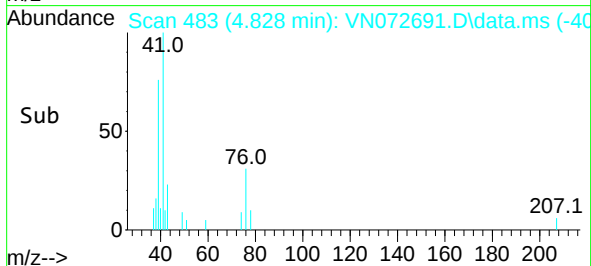


Tgt Ion: 41 Resp: 1335
 Ion Ratio Lower Upper
 41 100
 39 67.8 44.6 134.0
 76 29.9 19.6 58.7

Manual Integrations
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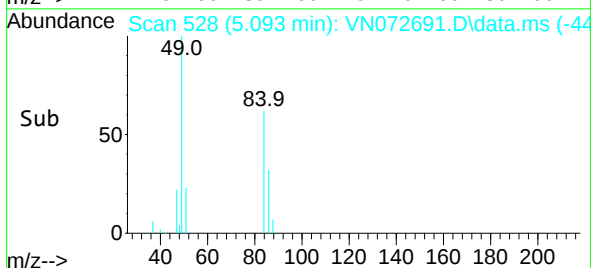
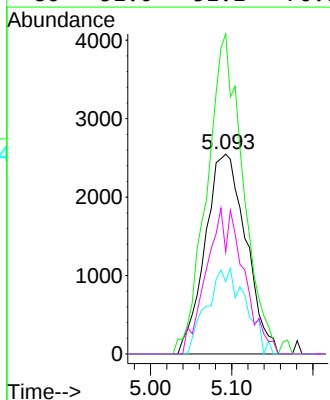
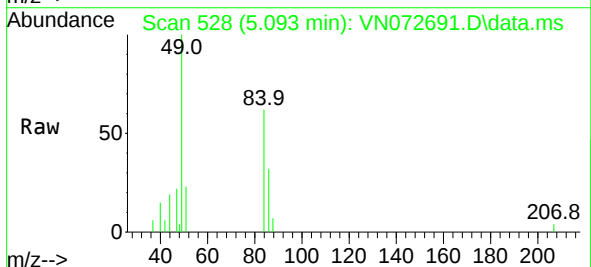
Reviewed By :John Carlone 06/08/2022
 Supervised By :Mahesh Dadoda 06/08/2022

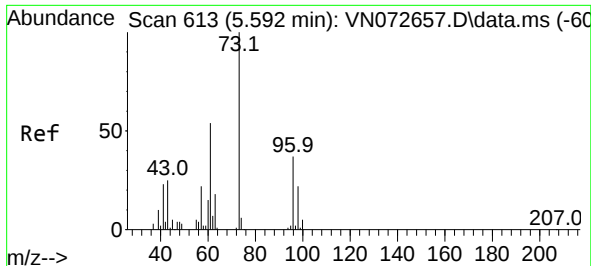
Supervised By :Mahesh
 Dadoda
 06/08/2022



#18
 Methylene Chloride
 Concen: 2.918 ug/l
 RT: 5.093 min Scan# 528
 Delta R.T. 0.000 min
 Lab File: VN072691.D
 Acq: 07 Jun 2022 16:31

Tgt Ion: 84 Resp: 8900
 Ion Ratio Lower Upper
 84 100
 49 160.1 91.4 137.0#
 51 36.3 29.4 44.0
 86 51.0 51.1 76.7#





#19

trans-1,2-Dichloroethene

Concen: 2.663 ug/l m

RT: 5.598 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN072691.D

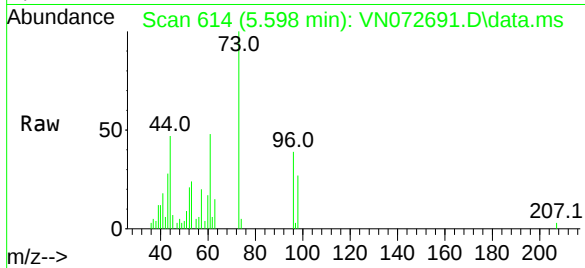
Acq: 07 Jun 2022 16:31

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 96 Resp: 6998

Ion	Ratio	Lower	Upper
96	100		
61	123.1	102.8	154.2
98	68.6	49.3	73.9

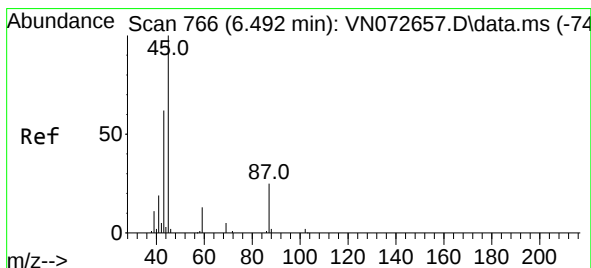
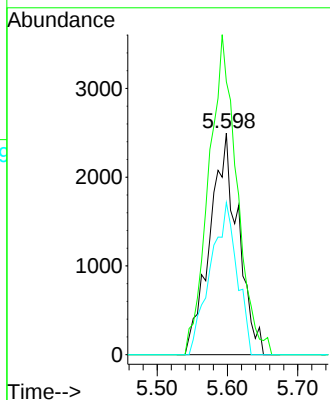
Manual Integrations

APPROVED

Reviewed By :John Carlone 06/08/2022

Supervised By :Mahesh Dadoda 06/08/2022

Supervised By :Mahesh
Dadoda
06/08/2022



#20

Diisopropyl ether

Concen: 2.726 ug/l

RT: 6.487 min Scan# 765

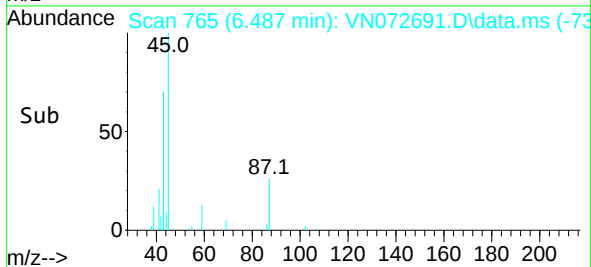
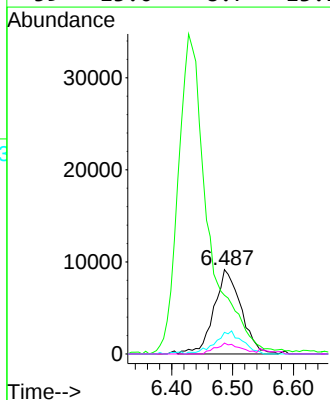
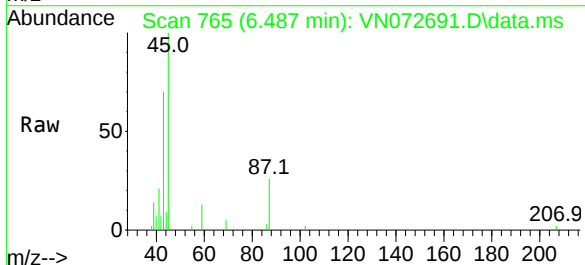
Delta R.T. -0.006 min

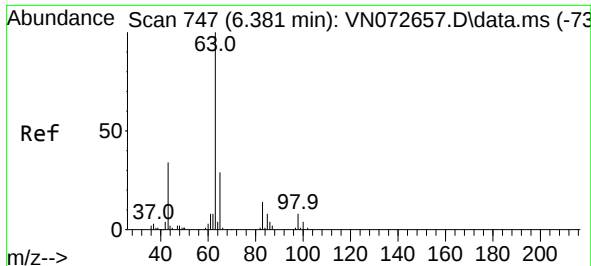
Lab File: VN072691.D

Acq: 07 Jun 2022 16:31

Tgt Ion: 45 Resp: 28326

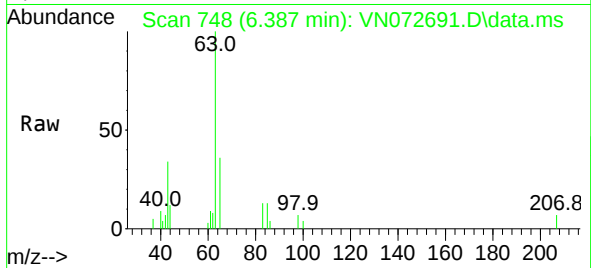
Ion	Ratio	Lower	Upper
45	100		
43	64.7	51.0	76.4
87	25.5	25.0	37.4
59	13.0	8.7	13.1





#21
1,1-Dichloroethane
Concen: 2.647 ug/l
RT: 6.387 min Scan# 747
Delta R.T. 0.006 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2022

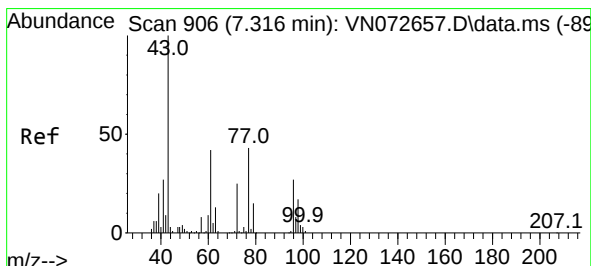
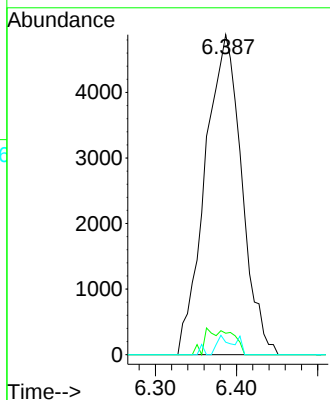
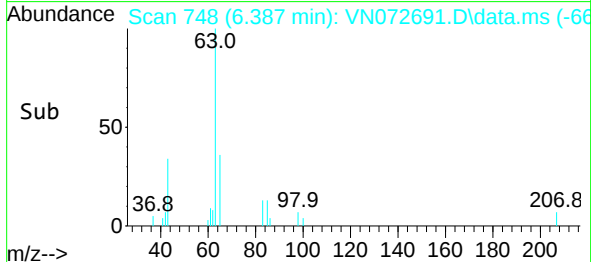


Tgt Ion: 63 Resp: 15280
Ion Ratio Lower Upper
63 100
98 6.7 3.2 9.6
100 3.9 2.1 6.2

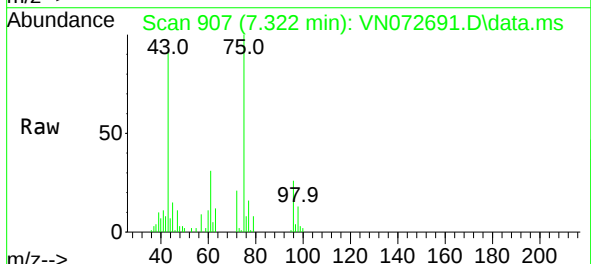
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

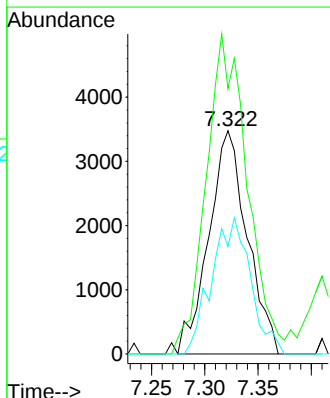
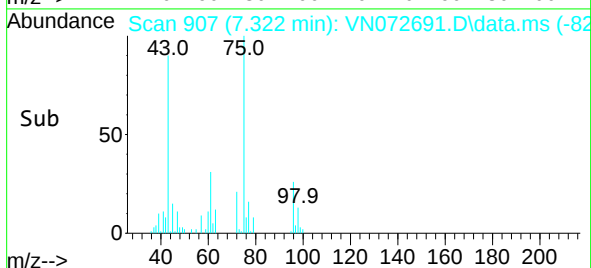
Supervised By :Mahesh
Dadoda
06/08/2022

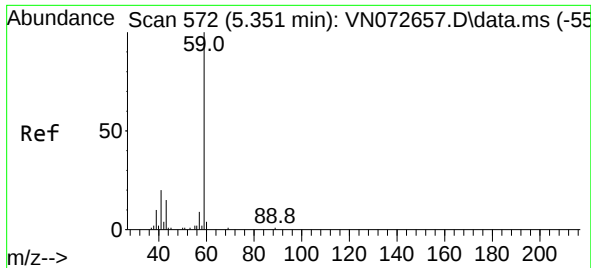


#22
cis-1,2-Dichloroethene
Concen: 2.649 ug/l
RT: 7.322 min Scan# 907
Delta R.T. 0.006 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31



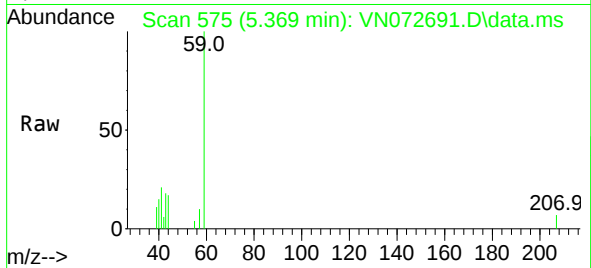
Tgt Ion: 96 Resp: 8720
Ion Ratio Lower Upper
96 100
61 86.6 115.7 173.5#
98 59.6 51.6 77.4





#23
tert-Butyl Alcohol
Concen: 17.588 ug/l m
RT: 5.369 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

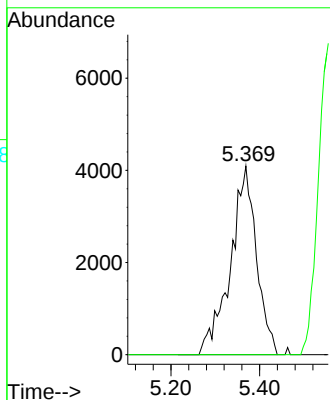
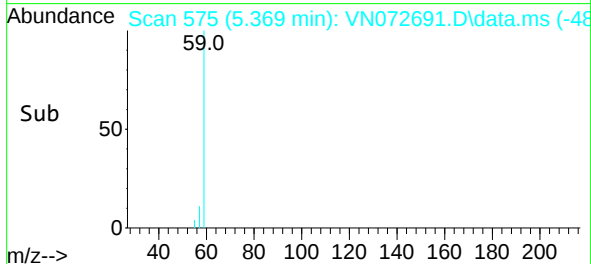
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



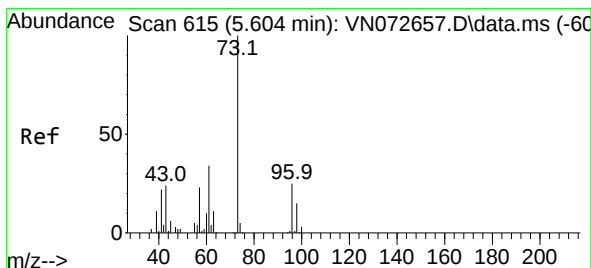
Tgt Ion: 59 Resp: 16718
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
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Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

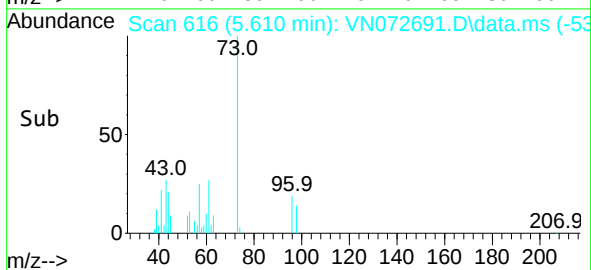
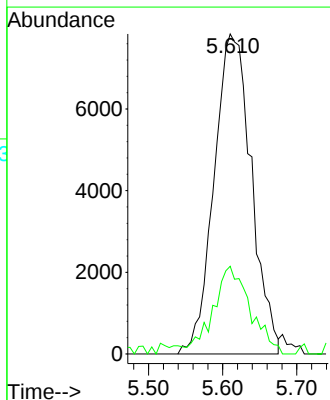
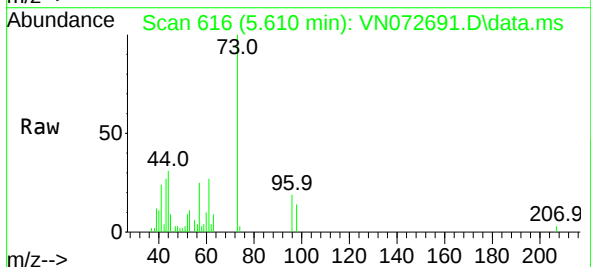


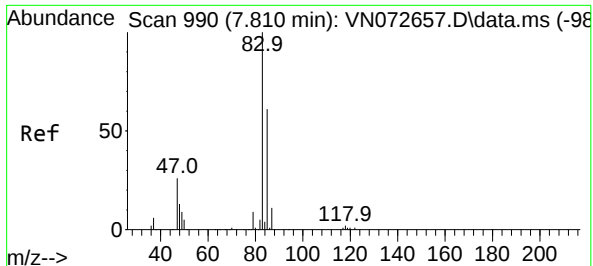
Supervised By :Mahesh
Dadoda
06/08/2022



#24
Methyl tert-Butyl Ether
Concen: 2.535 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

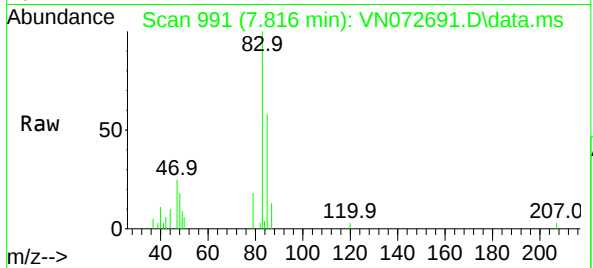
Tgt Ion: 73 Resp: 27384
Ion Ratio Lower Upper
73 100
43 27.1 18.1 27.1#





#25
Chloroform
Concen: 2.686 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

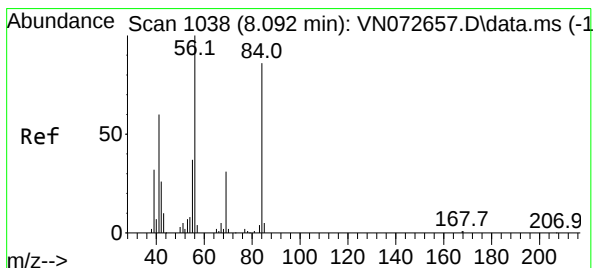
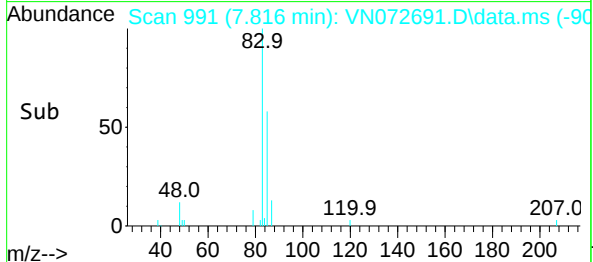
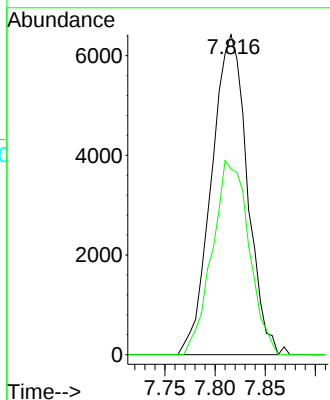


Tgt Ion: 83 Resp: 15920
Ion Ratio Lower Upper
83 100
85 58.0 51.3 76.9

Manual Integrations
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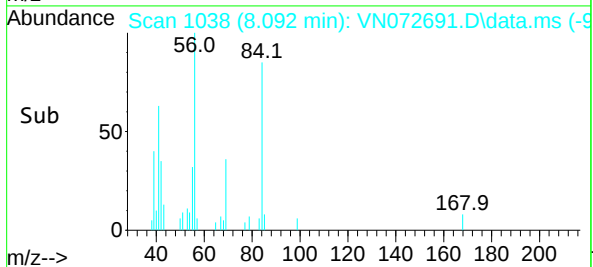
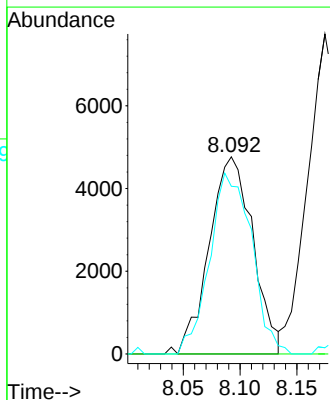
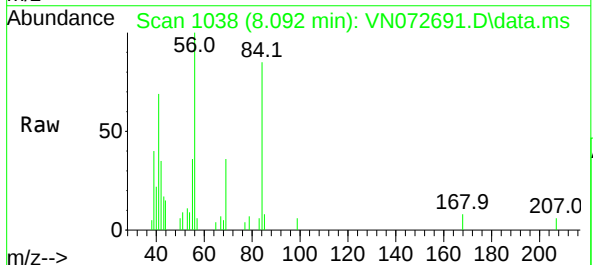
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

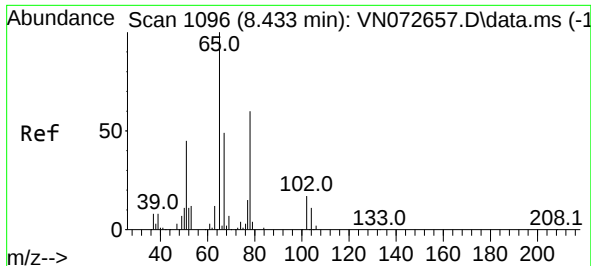
Supervised By :Mahesh
Dadoda
06/08/2022



#26
Cyclohexane
Concen: 2.639 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

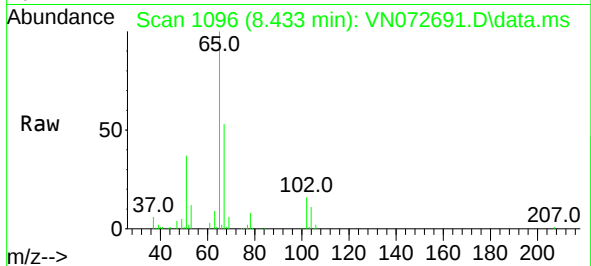
Tgt Ion: 56 Resp: 12702
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 88.6 74.6 111.8





#27
 1,2-Dichloroethane-d4
 Concen: 30.489 ug/l
 RT: 8.433 min Scan# 1096
 Delta R.T. 0.000 min
 Lab File: VN072691.D
 Acq: 07 Jun 2022 16:31

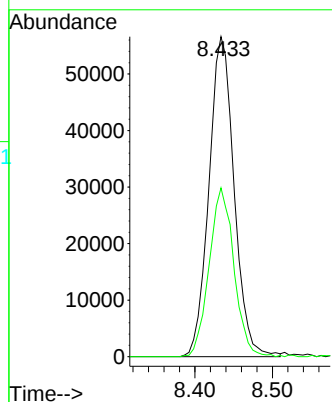
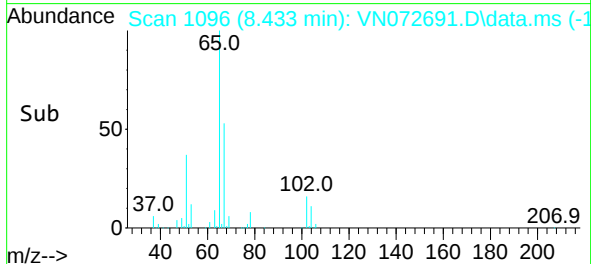
Instrument : MSVOA_N
 ClientSampleId : LOD-MDL-WATER-01-QT2-2022



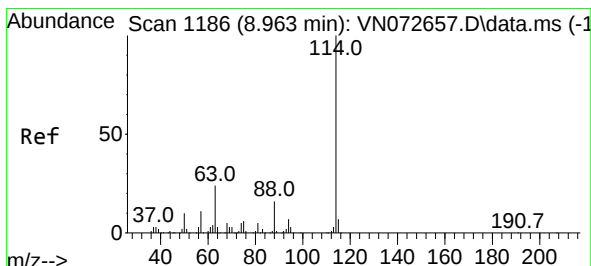
Tgt Ion: 65 Resp: 12782
 Ion Ratio Lower Upper
 65 100
 67 51.7 40.2 60.2

Manual Integrations APPROVED

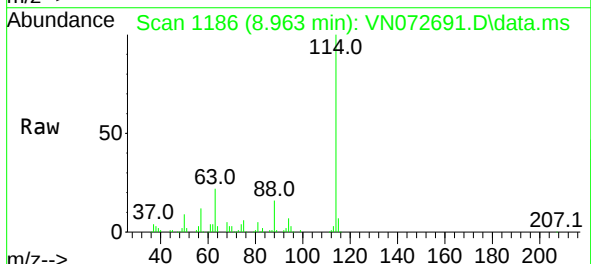
Reviewed By :John Carlone 06/08/2022
 Supervised By :Mahesh Dadoda 06/08/2022



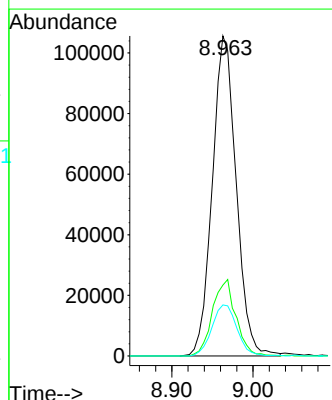
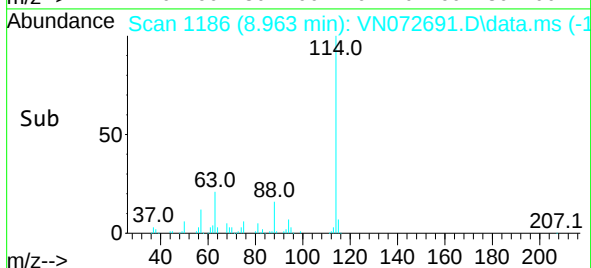
Supervised By :Mahesh
 Dadoda
 06/08/2022

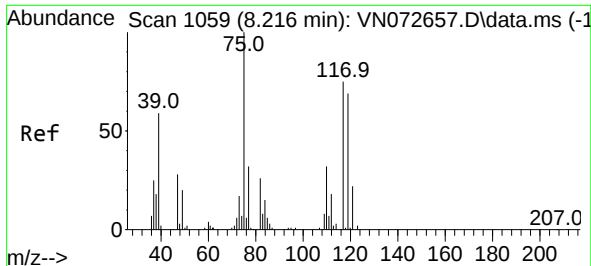


#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.963 min Scan# 1186
 Delta R.T. 0.000 min
 Lab File: VN072691.D
 Acq: 07 Jun 2022 16:31



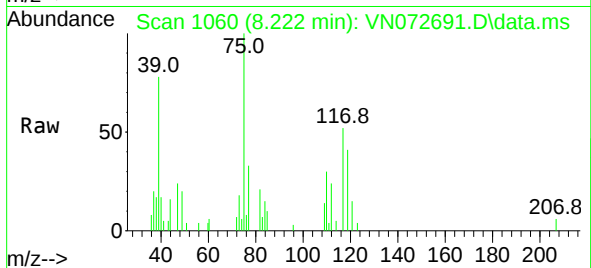
Tgt Ion:114 Resp: 216188
 Ion Ratio Lower Upper
 114 100
 63 23.4 15.8 23.6
 88 16.7 11.6 17.4





#29
1,1-Dichloropropene
Concen: 2.530 ug/l
RT: 8.222 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

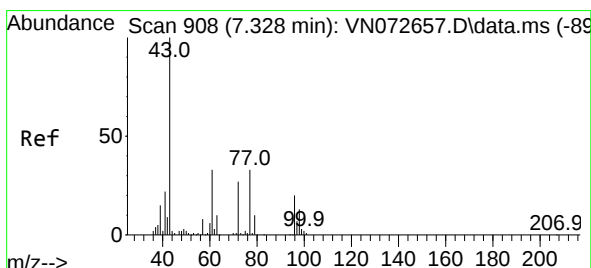
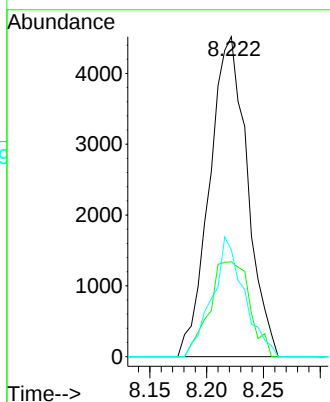
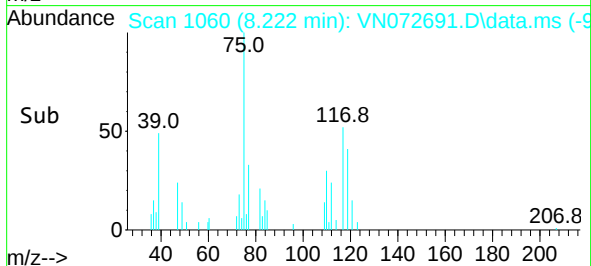


Tgt Ion: 75 Resp: 1042
Ion Ratio Lower Upper
75 100
110 31.5 0.0 74.2
77 31.8 0.0 63.2

Manual Integrations
APPROVED

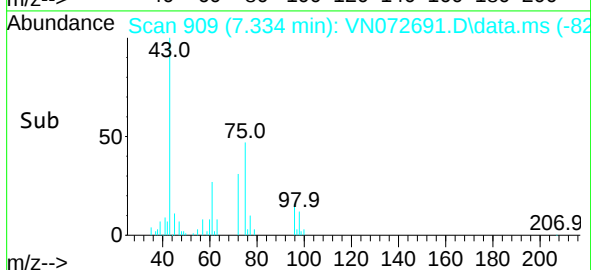
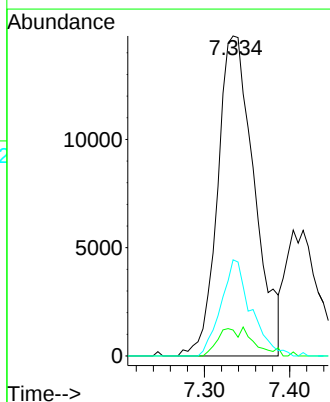
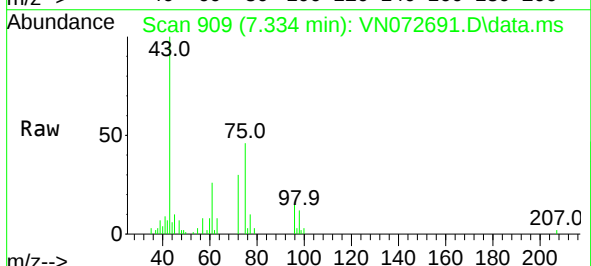
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

Supervised By :Mahesh
Dadoda
06/08/2022



#30
2-Butanone
Concen: 14.789 ug/l
RT: 7.334 min Scan# 909
Delta R.T. 0.006 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

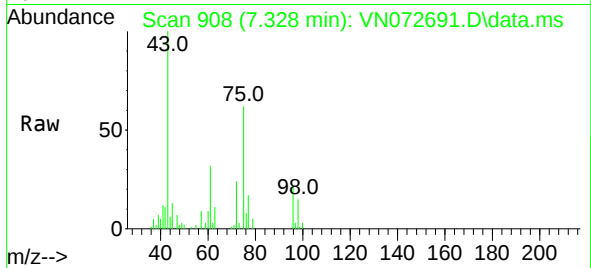
Tgt Ion: 43 Resp: 44106
Ion Ratio Lower Upper
43 100
57 4.7 6.7 10.1#
72 24.7 23.2 34.8





#31
2,2-Dichloropropane
Concen: 1.272 ug/l m
RT: 7.328 min Scan# 906
Delta R.T. 0.012 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

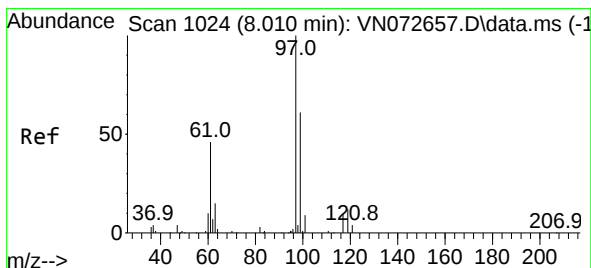
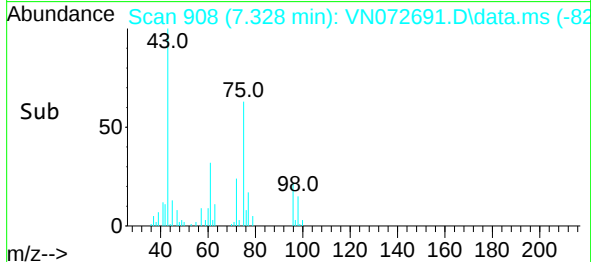
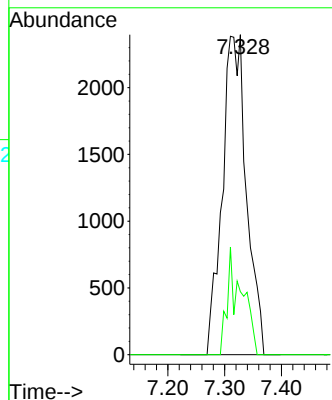


Tgt Ion: 77 Resp: 7094
Ion Ratio Lower Upper
77 100
97 8.5 18.3 27.5

Manual Integrations
APPROVED

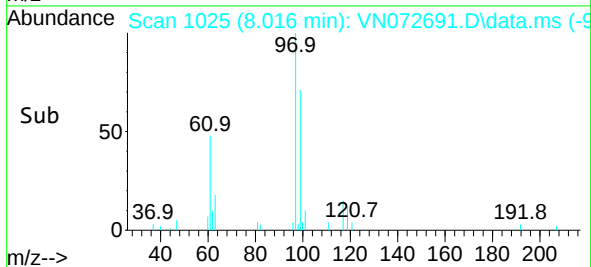
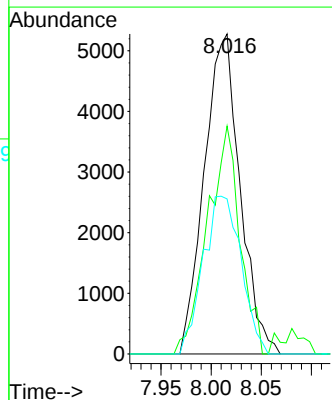
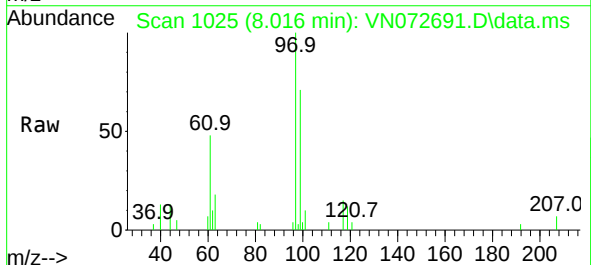
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

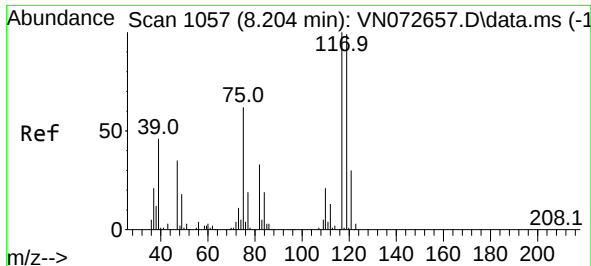
Supervised By :Mahesh
Dadoda
06/08/2022



#32
1,1,1-Trichloroethane
Concen: 2.432 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.006 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

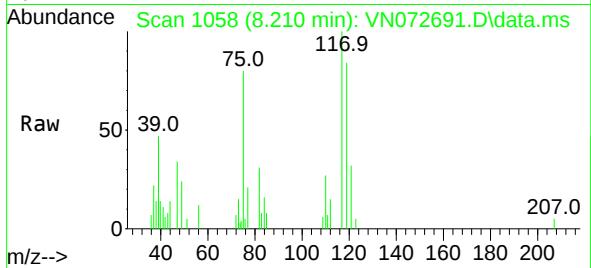
Tgt Ion: 97 Resp: 13116
Ion Ratio Lower Upper
97 100
99 64.6 50.4 75.6
61 52.4 34.6 51.8





#33
Carbon Tetrachloride
Concen: 2.376 ug/l
RT: 8.210 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

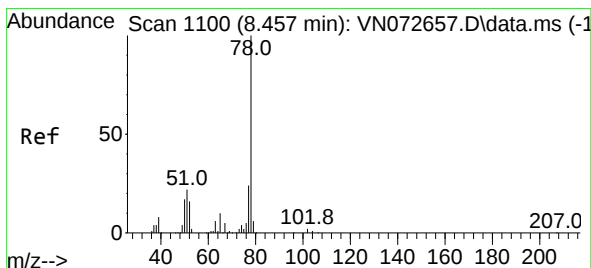
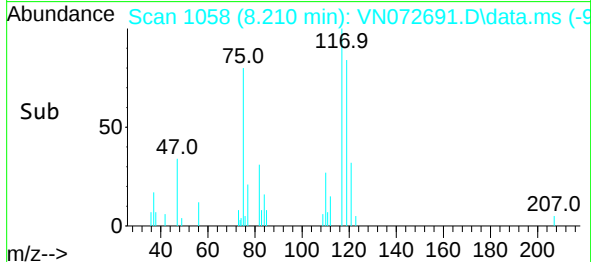
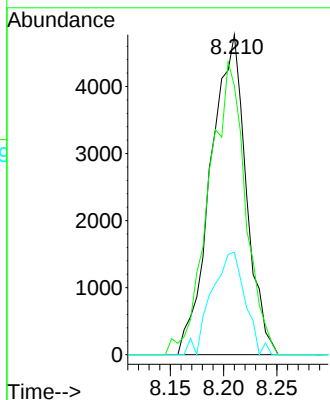


Tgt Ion: 117 Resp: 1105
Ion Ratio Lower Upper
117 100
119 84.0 77.5 116.3
121 32.1 23.5 35.3

Manual Integrations
APPROVED

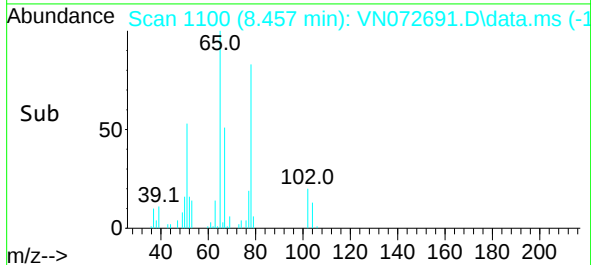
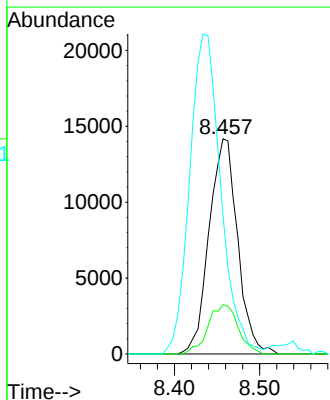
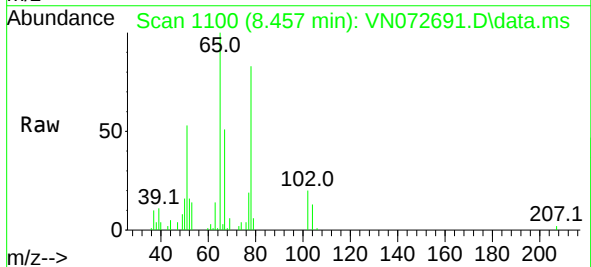
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

Supervised By :Mahesh
Dadoda
06/08/2022



#34
Benzene
Concen: 2.706 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

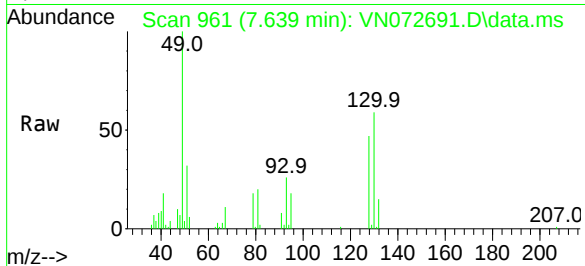
Tgt Ion: 78 Resp: 32987
Ion Ratio Lower Upper
78 100
77 22.9 19.1 28.7
51 60.6 16.0 24.0#





#35
Methacrylonitrile
Concen: 2.645 ug/l m
RT: 7.639 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

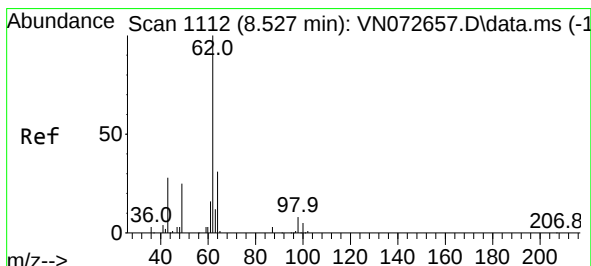
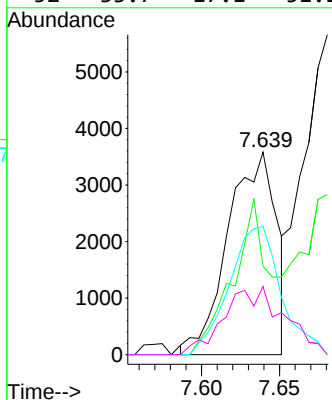
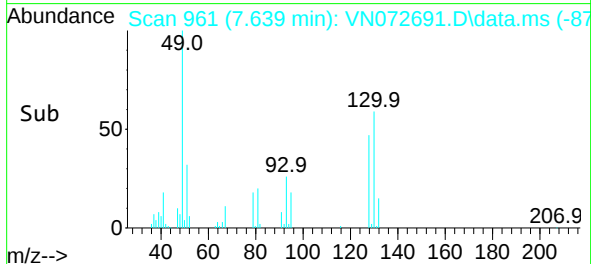


Tgt Ion: 41 Resp: 7734
Ion Ratio Lower Upper
41 100
39 43.6 28.0 83.9
67 63.4 37.7 113.1
52 33.7 17.1 51.2

Manual Integrations
APPROVED

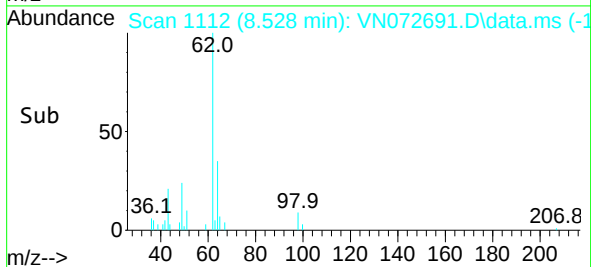
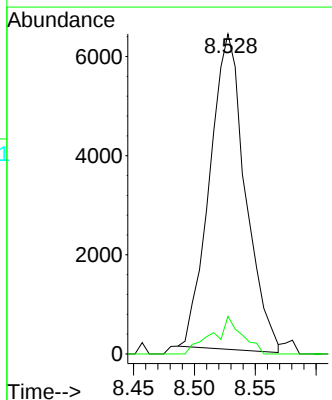
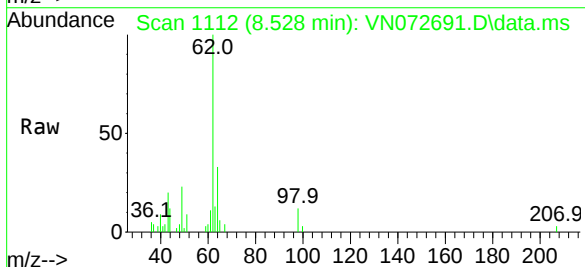
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

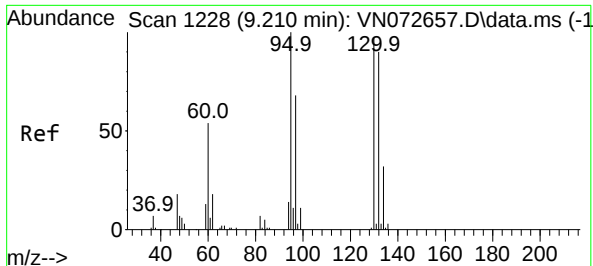
Supervised By :Mahesh
Dadoda
06/08/2022



#36
1,2-Dichloroethane
Concen: 2.521 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

Tgt Ion: 62 Resp: 12987
Ion Ratio Lower Upper
62 100
98 5.7 6.6 10.0#





#37

Trichloroethene

Concen: 2.508 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN072691.D

Acq: 07 Jun 2022 16:31

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

Tgt Ion:130 Resp: 737

Ion Ratio Lower Upper

130 100

95 99.7 76.6 115.0

Manual Integrations

APPROVED

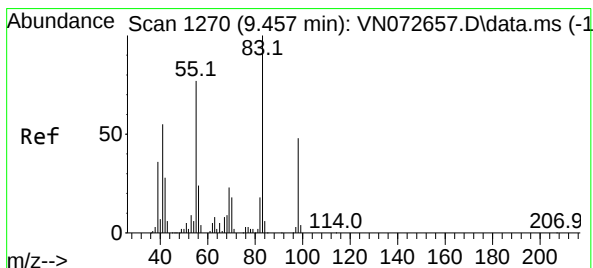
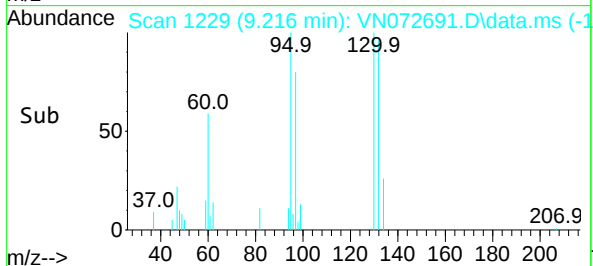
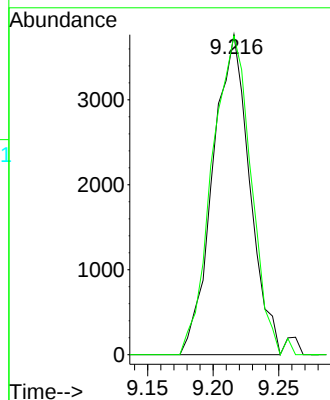
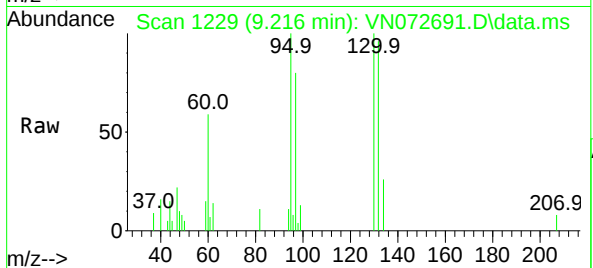
Reviewed By :John Carlone 06/08/2022

Supervised By :Mahesh Dadoda 06/08/2022

Supervised By :Mahesh

Dadoda

06/08/2022



#38

Methylcyclohexane

Concen: 2.442 ug/l

RT: 9.457 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VN072691.D

Acq: 07 Jun 2022 16:31

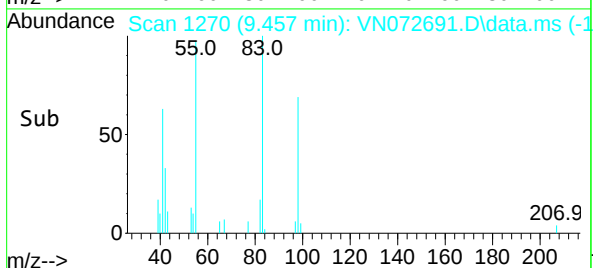
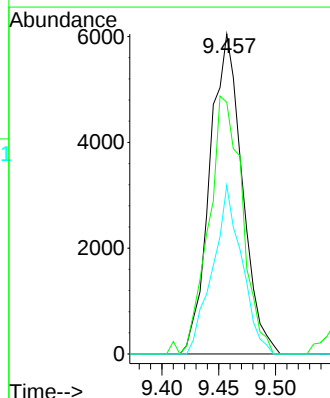
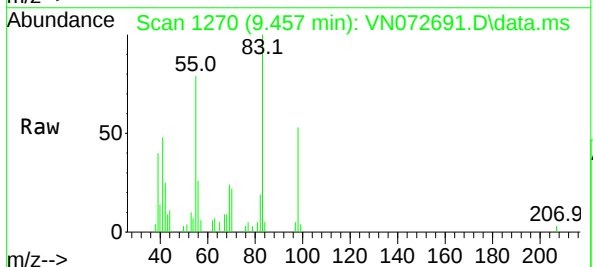
Tgt Ion: 83 Resp: 12015

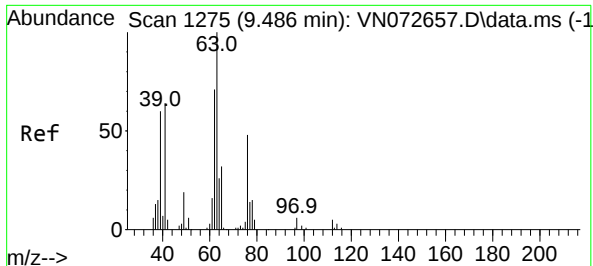
Ion Ratio Lower Upper

83 100

55 82.7 35.1 105.3

98 47.3 23.4 70.2





#39

1,2-Dichloropropane

Concen: 2.623 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN072691.D

Acq: 07 Jun 2022 16:31

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

Tgt Ion: 63 Resp: 878

Ion Ratio Lower Upper

63 100

65 30.1 24.2 36.4

Manual Integrations

APPROVED

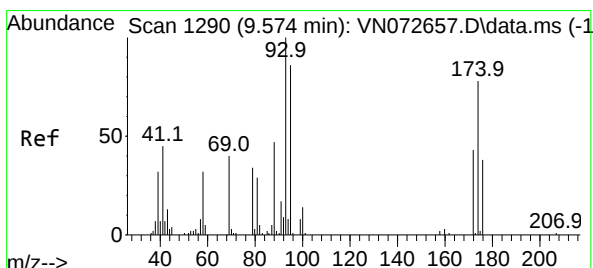
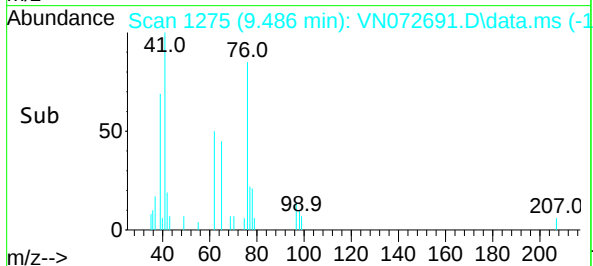
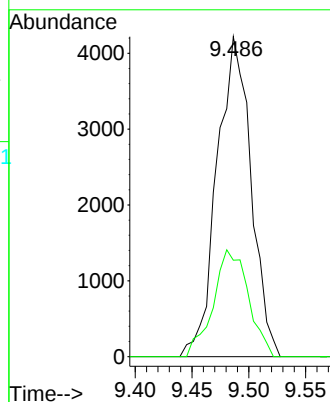
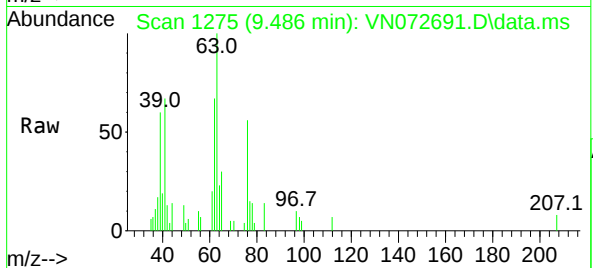
Reviewed By :John Carlone 06/08/2022

Supervised By :Mahesh Dadoda 06/08/2022

Supervised By :Mahesh

Dadoda

06/08/2022



#40

Dibromomethane

Concen: 2.690 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. 0.000 min

Lab File: VN072691.D

Acq: 07 Jun 2022 16:31

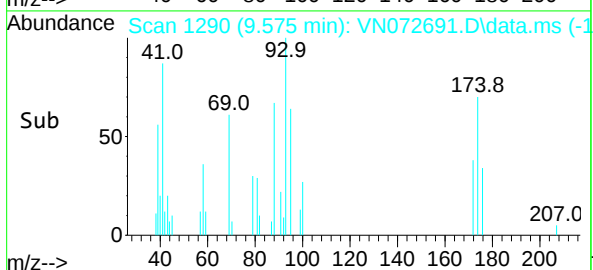
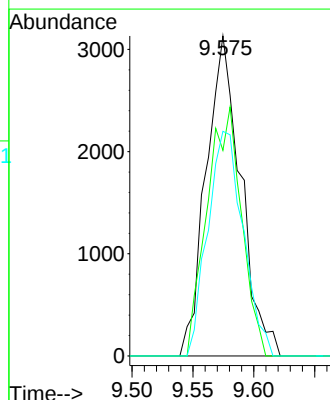
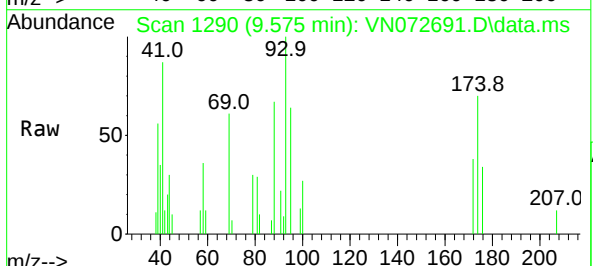
Tgt Ion: 93 Resp: 6186

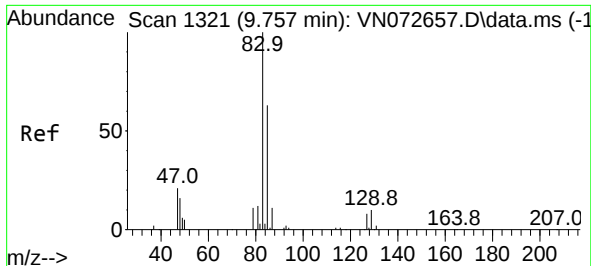
Ion Ratio Lower Upper

93 100

95 77.3 0.0 168.8

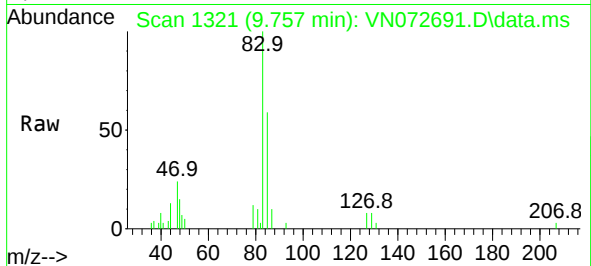
174 71.9 0.0 173.6





#41
Bromodichloromethane
Concen: 2.441 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

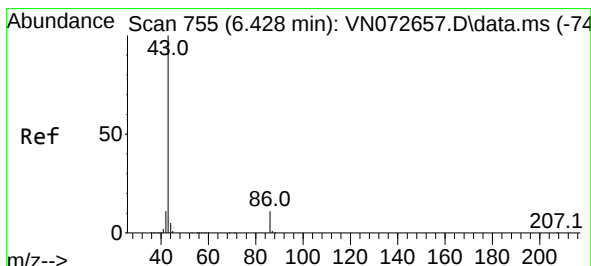
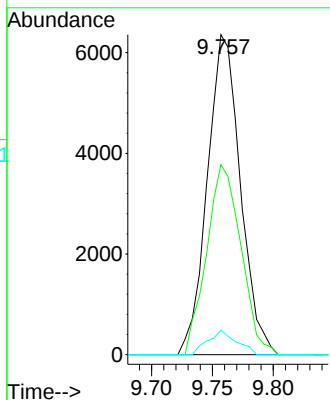
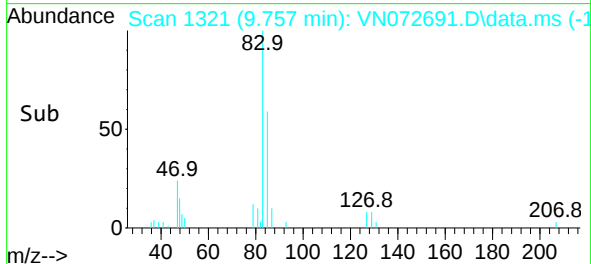


Tgt Ion: 83 Resp: 12004
Ion Ratio Lower Upper
83 100
85 59.4 54.1 81.1
127 7.6 7.6 11.4

Manual Integrations
APPROVED

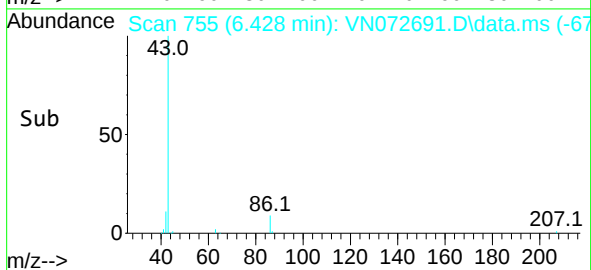
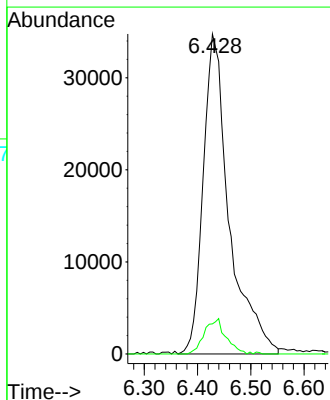
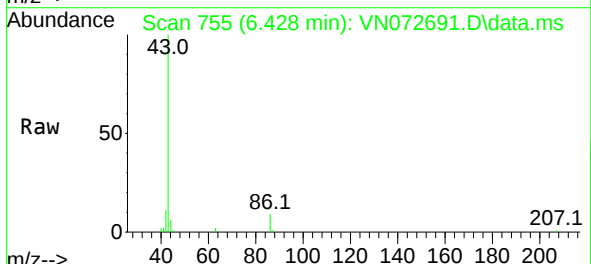
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

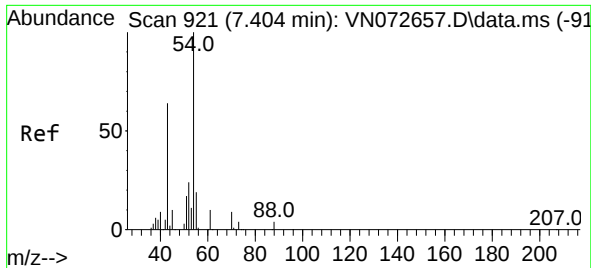
Supervised By :Mahesh
Dadoda
06/08/2022



#42
Vinyl Acetate
Concen: 12.150 ug/l
RT: 6.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

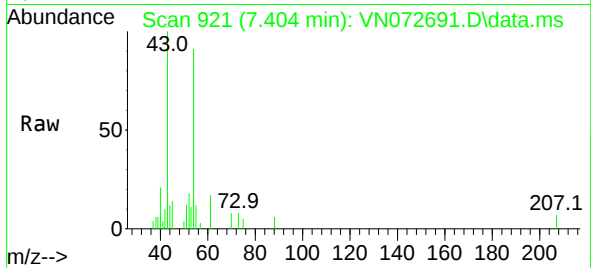
Tgt Ion: 43 Resp: 117972
Ion Ratio Lower Upper
43 100
86 9.1 7.5 11.3





#43
Ethyl Acetate
Concen: 2.744 ug/l m
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

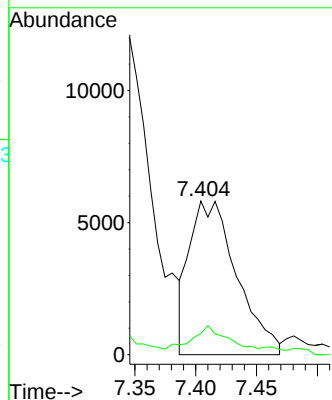
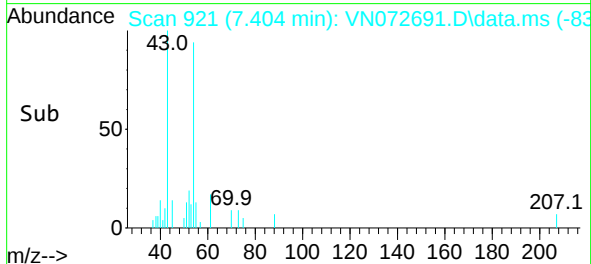
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



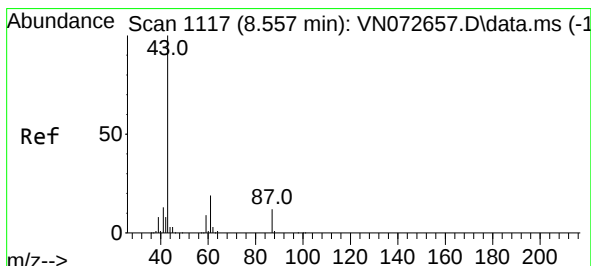
Tgt Ion: 43 Resp: 15679
Ion Ratio Lower Upper
43 100
45 14.4 10.6 16.0

Manual Integrations
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Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

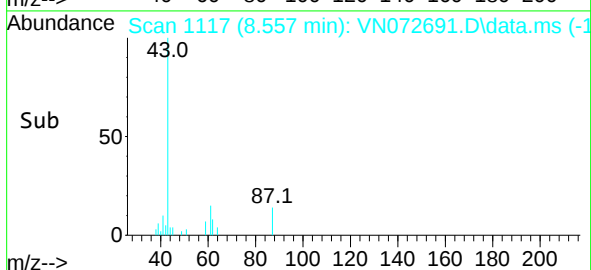
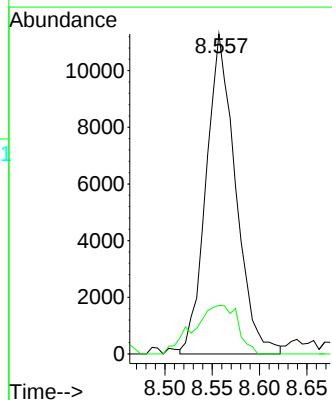
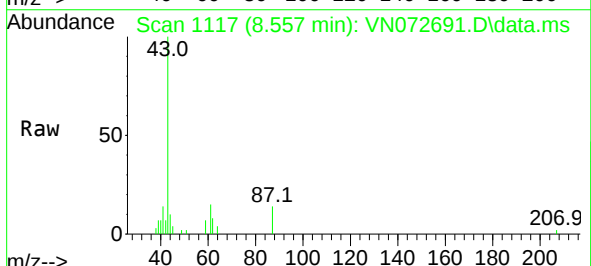


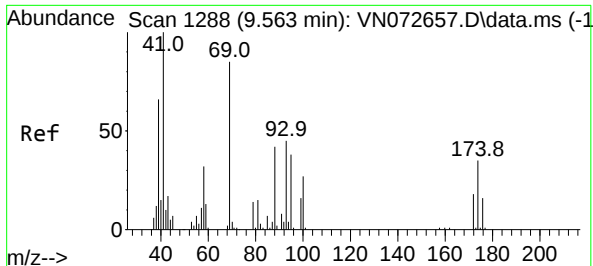
Supervised By :Mahesh
Dadoda
06/08/2022



#44
Isopropyl Acetate
Concen: 2.583 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

Tgt Ion: 43 Resp: 24486
Ion Ratio Lower Upper
43 100
61 7.2 20.1 30.1#





#45

1,4-Dioxane

Concen: 52.534 ug/l

RT: 9.575 min Scan# 1288

Delta R.T. 0.012 min

Lab File: VN072691.D

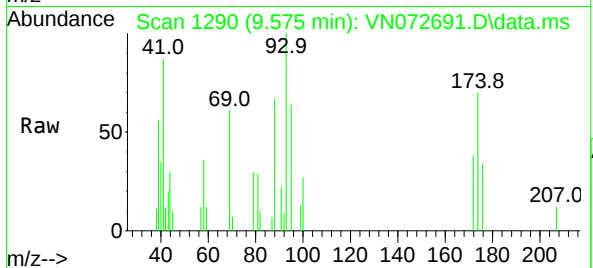
Acq: 07 Jun 2022 16:31

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 88	Resp: 4092
Ion Ratio	Lower Upper
88	100
43	39.1 25.0 37.6
58	78.8 49.4 74.2

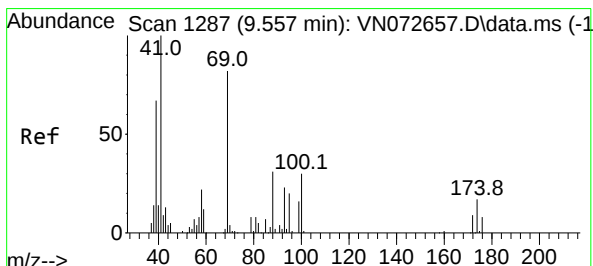
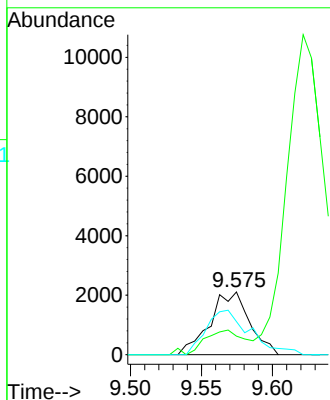
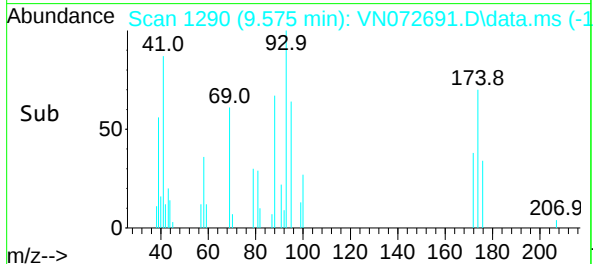
Manual Integrations

APPROVED

Reviewed By :John Carlone 06/08/2022

Supervised By :Mahesh Dadoda 06/08/2022

Supervised By :Mahesh
Dadoda
06/08/2022



#46

Methyl methacrylate

Concen: 2.430 ug/l

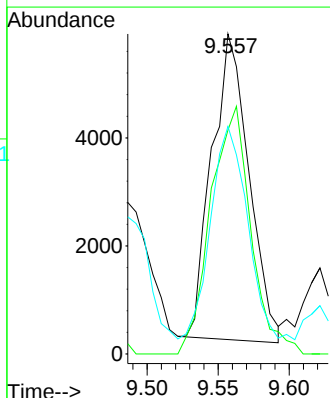
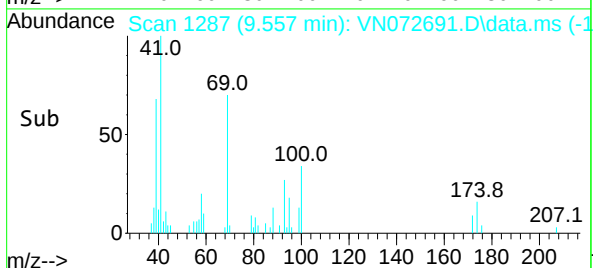
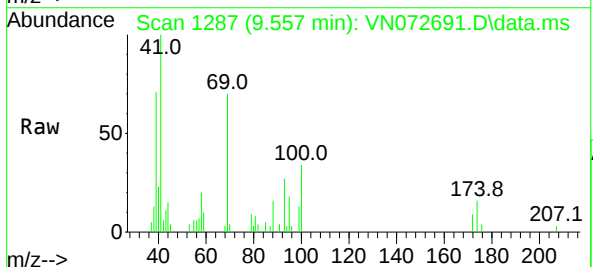
RT: 9.557 min Scan# 1287

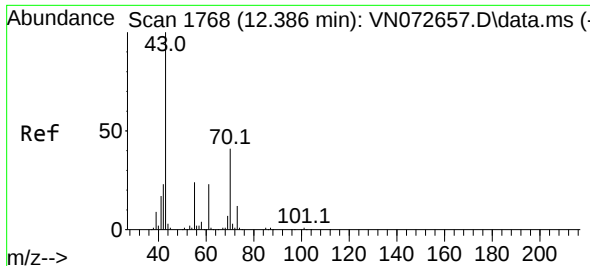
Delta R.T. 0.000 min

Lab File: VN072691.D

Acq: 07 Jun 2022 16:31

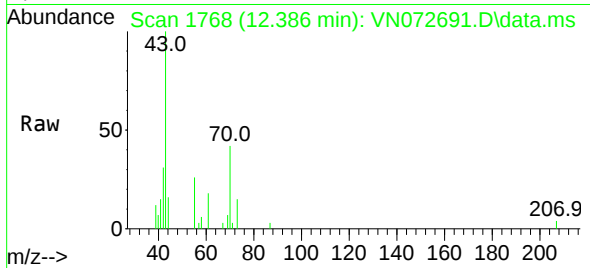
Tgt Ion: 41	Resp: 10300
Ion Ratio	Lower Upper
41	100
69	74.0 44.4 133.2
39	70.3 39.9 119.6





#47
n-amy1 Acetate
Concen: 1.792 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

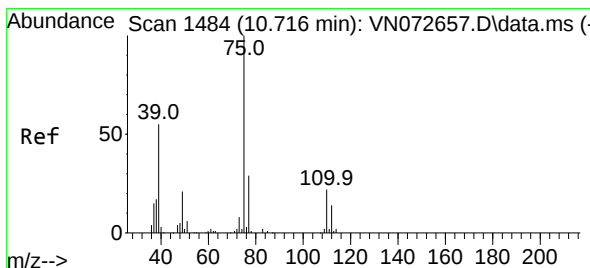
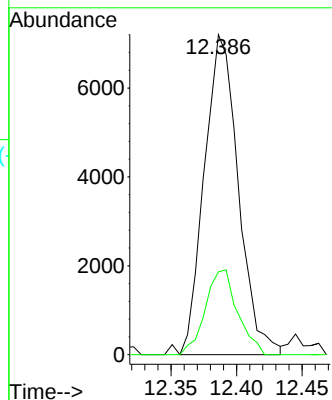


Tgt Ion: 43 Resp: 1300
Ion Ratio Lower Upper
43 100
55 25.1 19.0 28.6

Manual Integrations
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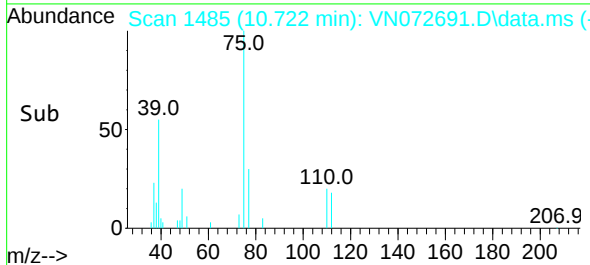
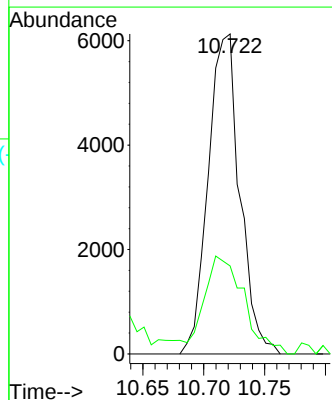
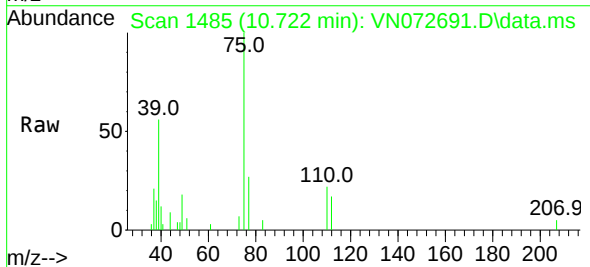
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

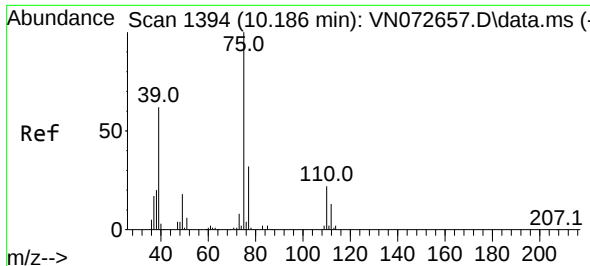
Supervised By :Mahesh
Dadoda
06/08/2022



#48
t-1,3-Dichloropropene
Concen: 1.969 ug/l
RT: 10.722 min Scan# 1485
Delta R.T. 0.006 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

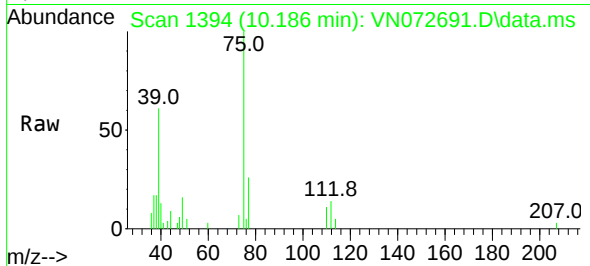
Tgt Ion: 75 Resp: 11054
Ion Ratio Lower Upper
75 100
77 24.8 25.3 37.9#





#49
 cis-1,3-Dichloropropene
 Concen: 2.132 ug/l
 RT: 10.186 min Scan# 1394
 Delta R.T. 0.000 min
 Lab File: VN072691.D
 Acq: 07 Jun 2022 16:31

Instrument : MSVOA_N
 ClientSampleId : LOD-MDL-WATER-01-QT2-2022



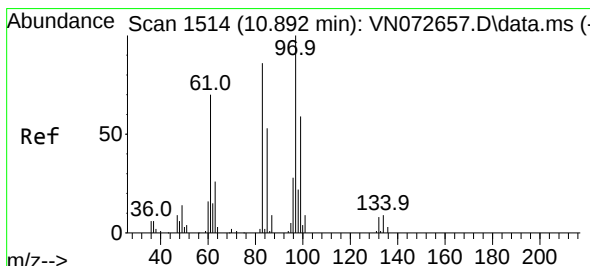
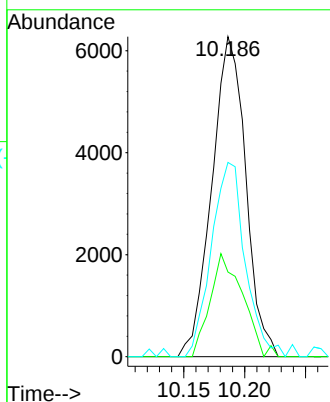
Tgt Ion: 75 Resp: 1215

Ion	Ratio	Lower	Upper
75	100		
77	26.4	25.3	37.9
39	60.7	46.2	69.4

Manual Integrations
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Reviewed By :John Carlone 06/08/2022
 Supervised By :Mahesh Dadoda 06/08/2022

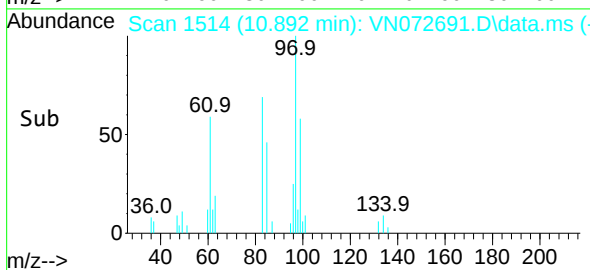
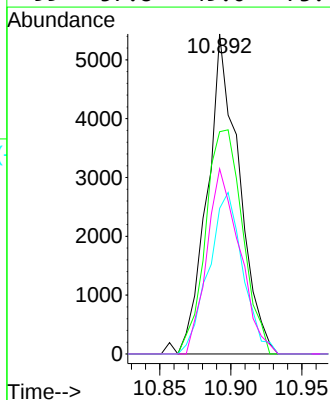
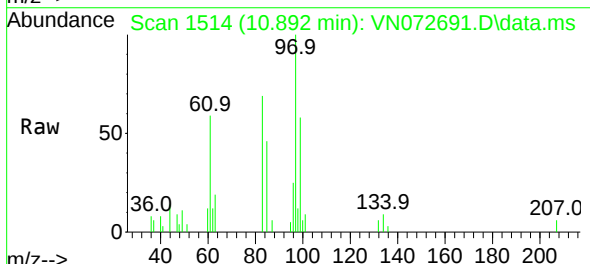
Supervised By :Mahesh
 Dadoda
 06/08/2022

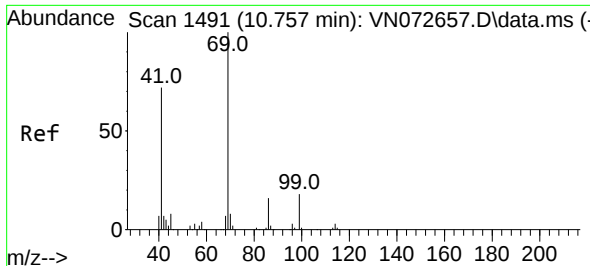


#50
 1,1,2-Trichloroethane
 Concen: 2.595 ug/l
 RT: 10.892 min Scan# 1514
 Delta R.T. 0.000 min
 Lab File: VN072691.D
 Acq: 07 Jun 2022 16:31

Tgt Ion: 97 Resp: 8435

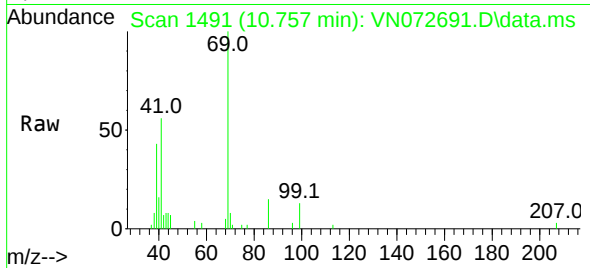
Ion	Ratio	Lower	Upper
97	100		
83	69.4	67.2	100.8
85	45.5	43.0	64.4
99	57.8	49.0	73.4





#51
Ethyl methacrylate
Concen: 2.474 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2022

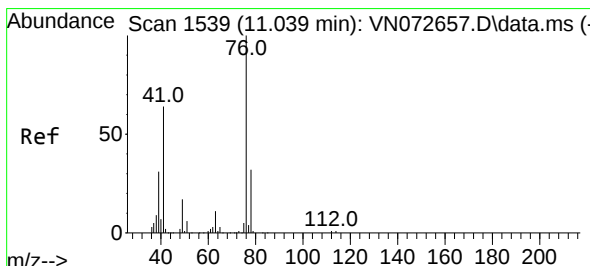
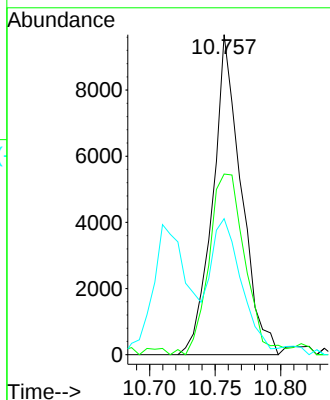
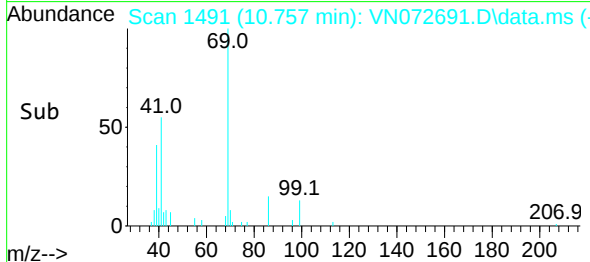


Tgt Ion: 69 Resp: 14570
Ion Ratio Lower Upper
69 100
41 54.8 33.0 98.9
39 40.5 25.4 76.4

Manual Integrations
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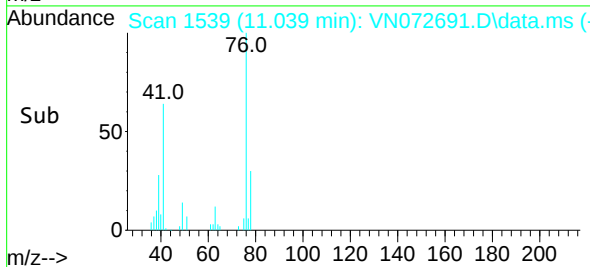
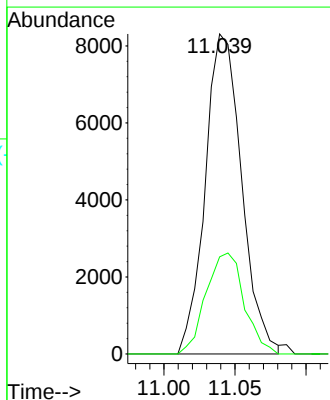
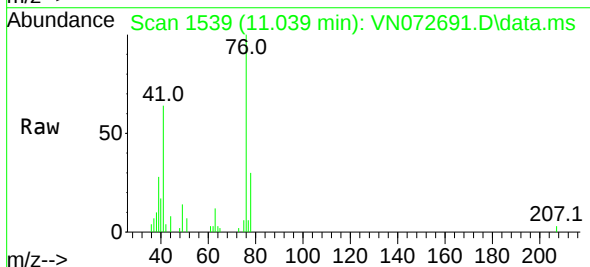
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

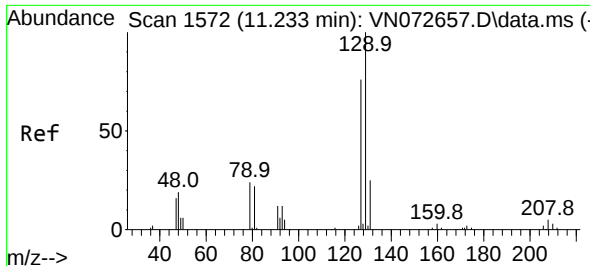
Supervised By :Mahesh
Dadoda
06/08/2022



#52
1,3-Dichloropropane
Concen: 2.561 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

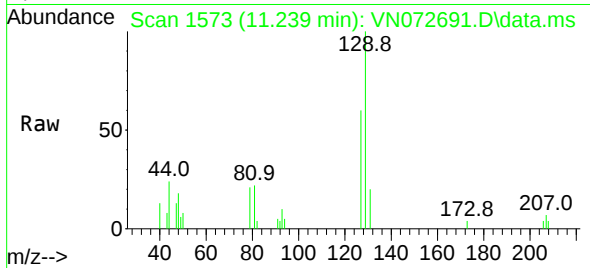
Tgt Ion: 76 Resp: 14816
Ion Ratio Lower Upper
76 100
78 33.1 0.0 65.4





#53
Dibromochloromethane
Concen: 2.310 ug/l
RT: 11.239 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

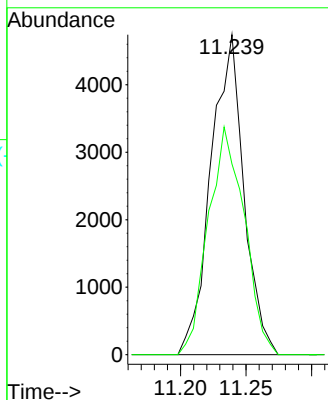
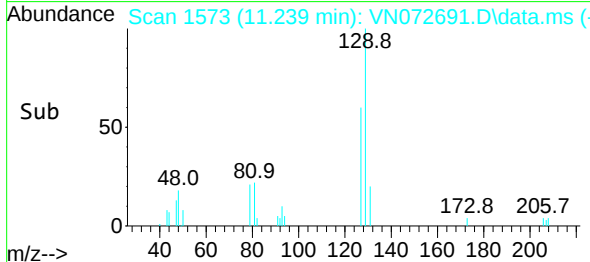
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



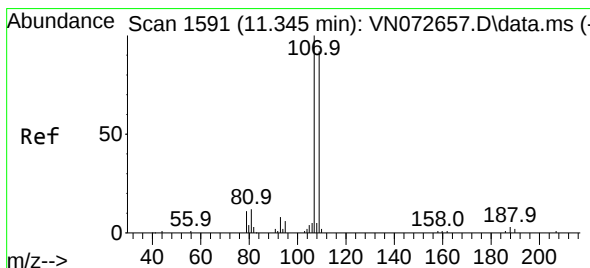
Tgt Ion:129 Resp: 828
Ion Ratio Lower Upper
129 100
127 78.0 39.0 117.0

Manual Integrations
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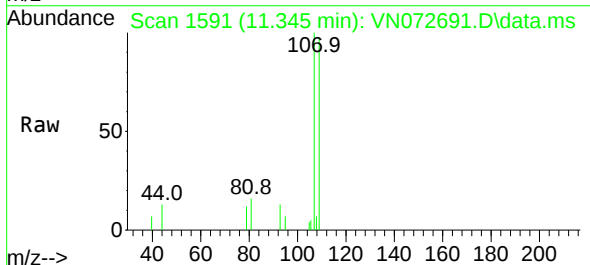
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



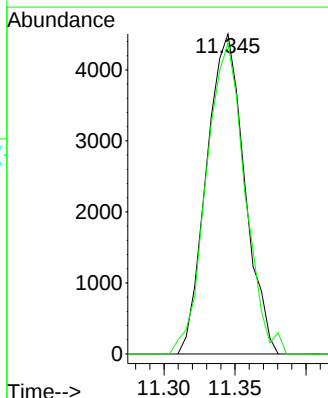
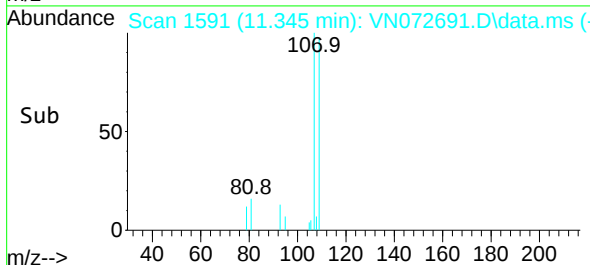
Supervised By :Mahesh
Dadoda
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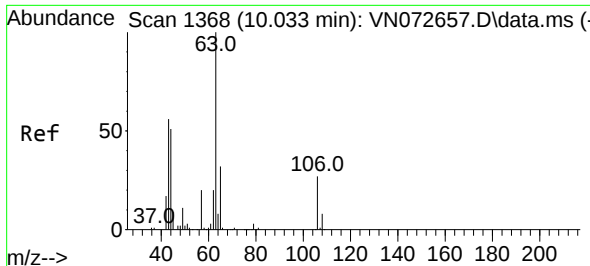


#54
1,2-Dibromoethane
Concen: 2.456 ug/l
RT: 11.345 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31



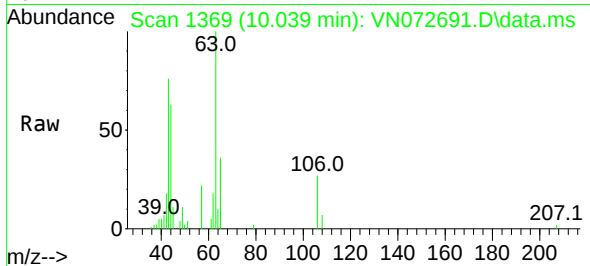
Tgt Ion:107 Resp: 8395
Ion Ratio Lower Upper
107 100
109 98.7 72.8 109.2





#55
2-Chloroethyl vinyl ether
Concen: 10.967 ug/l
RT: 10.039 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

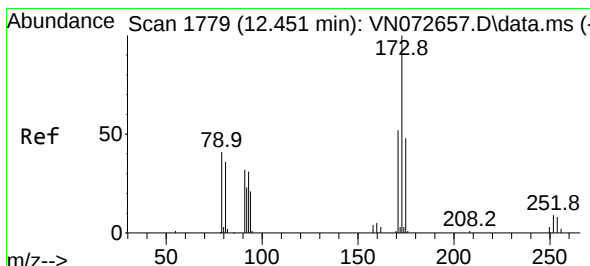
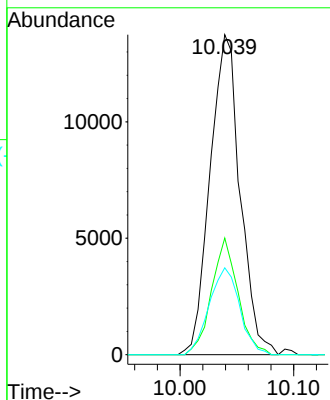
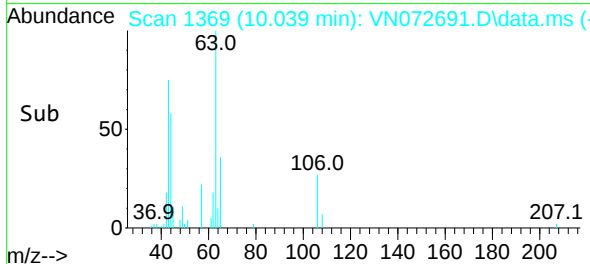


Tgt Ion: 63 Resp: 2529
Ion Ratio Lower Upper
63 100
65 32.0 25.4 38.0
106 27.5 23.2 34.8

Manual Integrations
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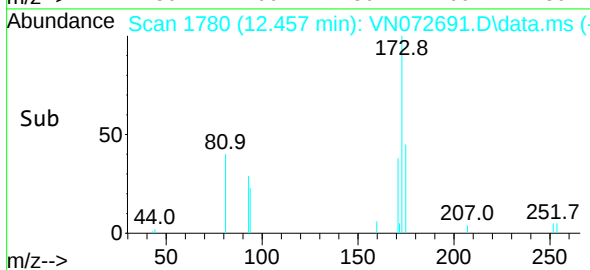
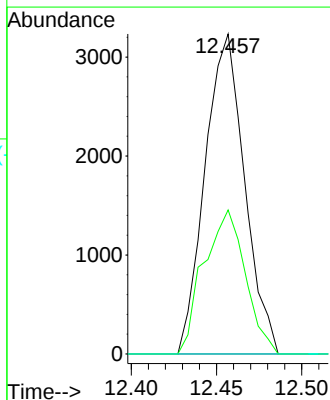
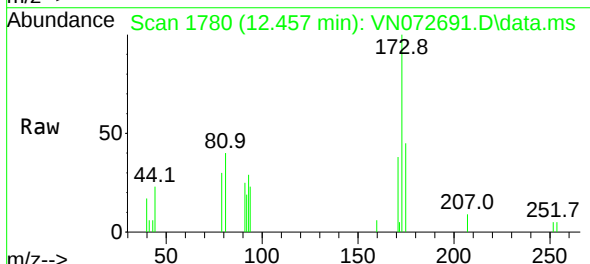
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

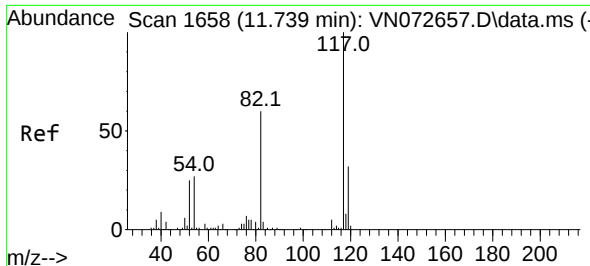
Supervised By :Mahesh
Dadoda
06/08/2022



#56
Bromoform
Concen: 2.086 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

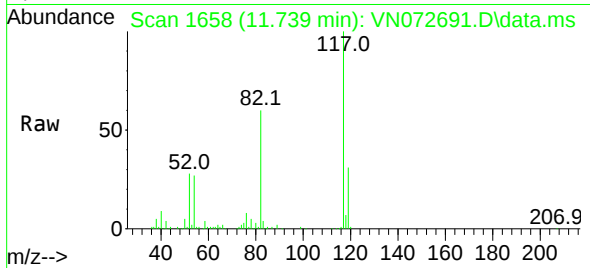
Tgt Ion:173 Resp: 5213
Ion Ratio Lower Upper
173 100
175 47.3 38.6 58.0
254 0.0 0.0 0.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

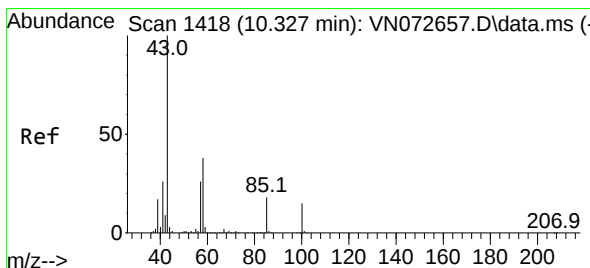
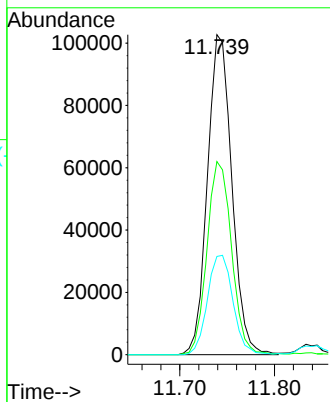
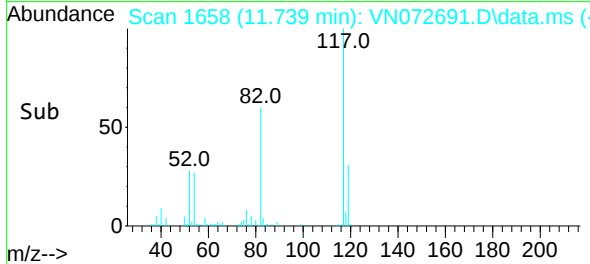


Tgt Ion: 117 Resp: 184294
Ion Ratio Lower Upper
117 100
82 60.7 43.6 65.4
119 32.4 25.8 38.6

Manual Integrations
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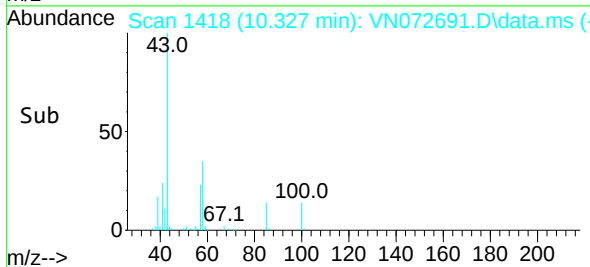
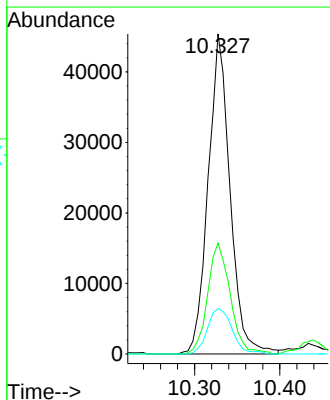
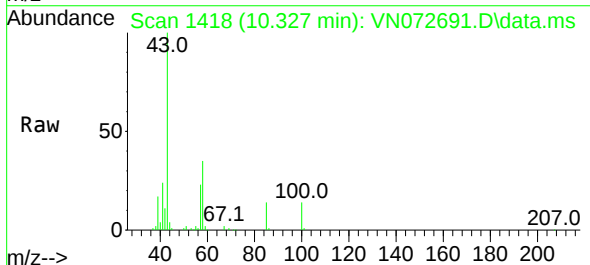
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

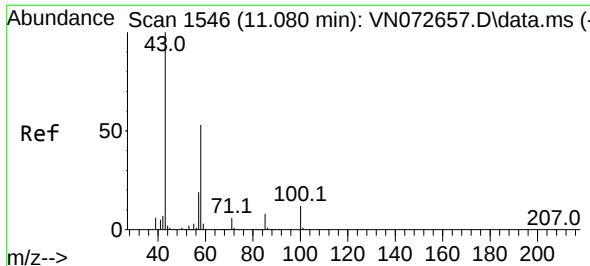
Supervised By :Mahesh
Dadoda
06/08/2022



#58
4-Methyl-2-Pentanone
Concen: 14.634 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

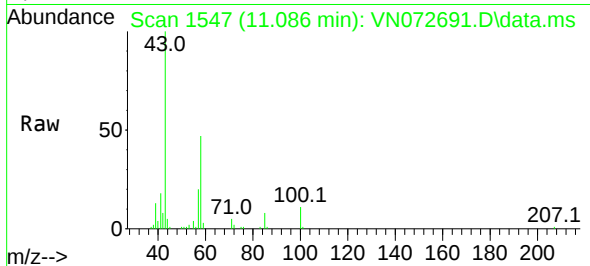
Tgt Ion: 43 Resp: 80891
Ion Ratio Lower Upper
43 100
58 35.2 30.0 45.0
85 15.7 15.0 22.6





#59
2-Hexanone
Concen: 13.319 ug/l
RT: 11.086 min Scan# 1546
Delta R.T. 0.006 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

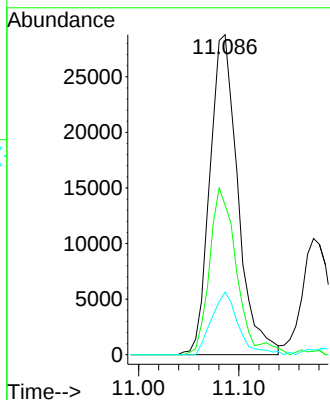
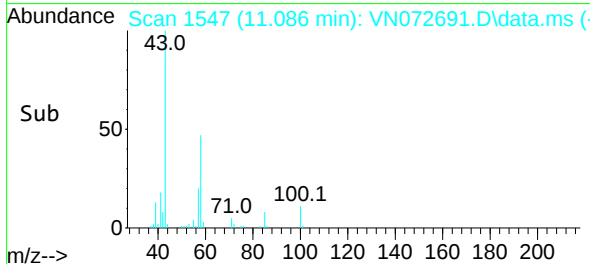
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



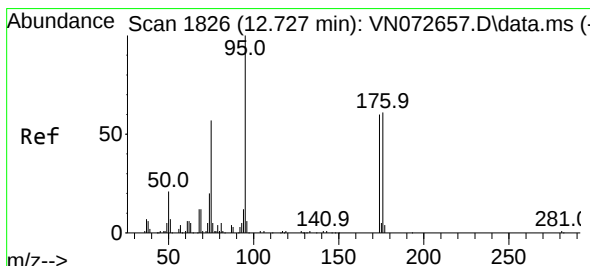
Tgt Ion: 43 Resp: 55818
Ion Ratio Lower Upper
43 100
58 48.1 42.2 63.2
57 18.6 15.0 22.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

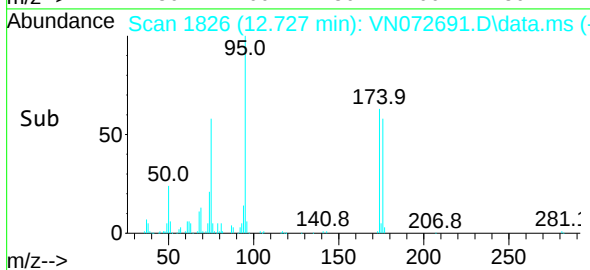
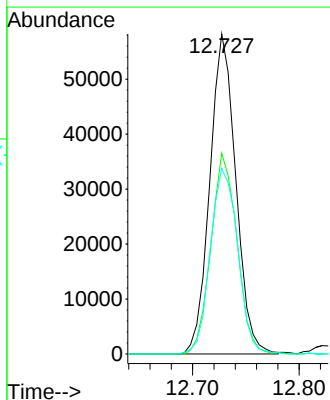
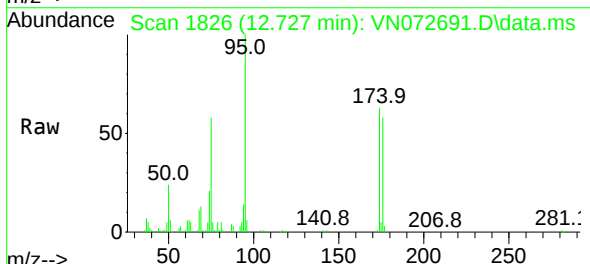


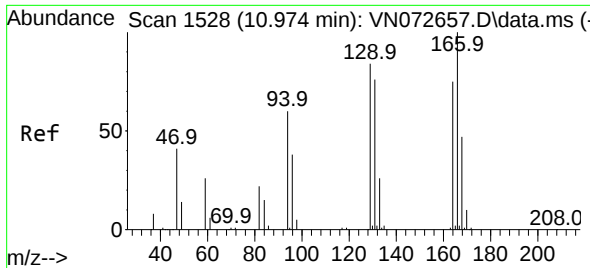
Supervised By :Mahesh
Dadoda
06/08/2022



#60
4-Bromofluorobenzene
Concen: 25.990 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

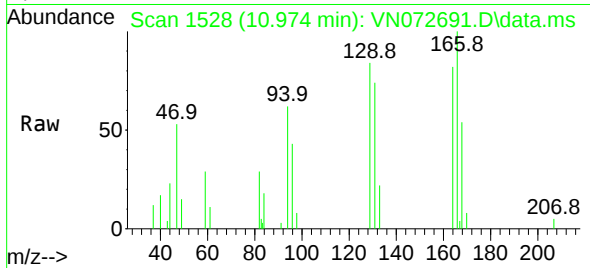
Tgt Ion: 95 Resp: 98514
Ion Ratio Lower Upper
95 100
174 62.7 62.9 94.3#
176 61.2 61.0 91.4





#61
Tetrachloroethene
Concen: 3.026 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

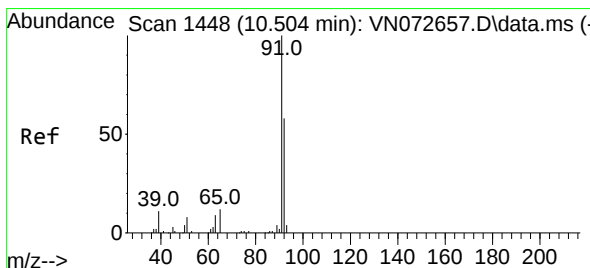
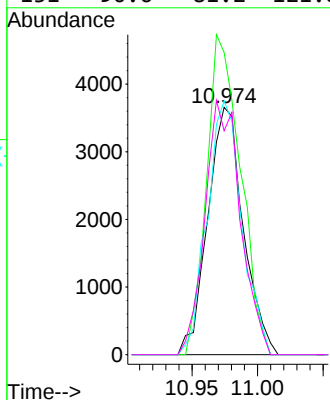
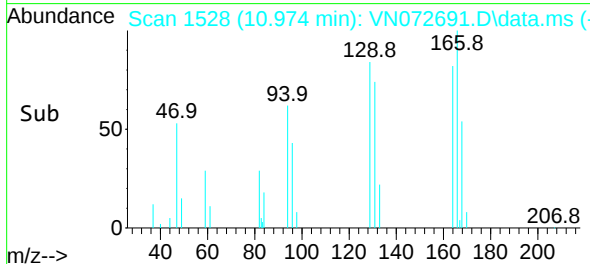


Tgt Ion:164 Resp: 690
Ion Ratio Lower Upper
164 100
166 122.2 105.8 158.8
129 102.6 82.5 123.7
131 90.6 81.2 121.8

Manual Integrations
APPROVED

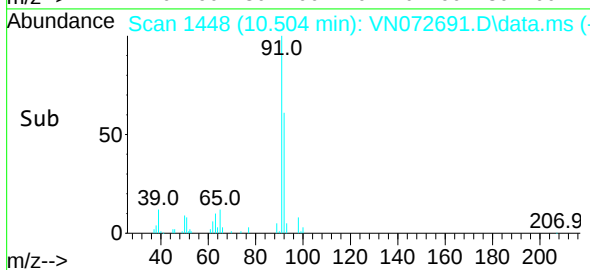
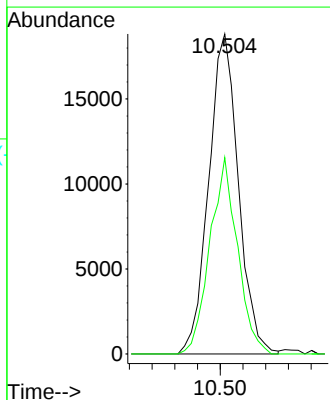
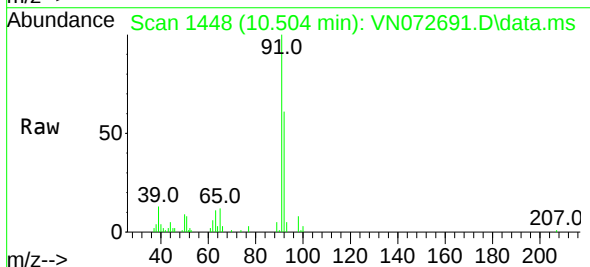
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

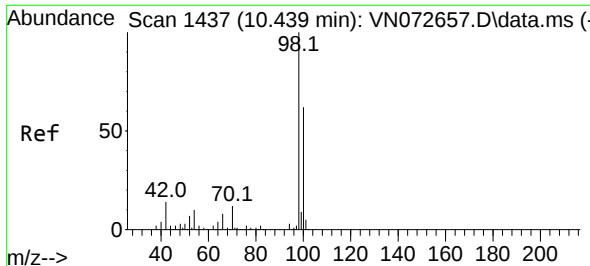
Supervised By :Mahesh
Dadoda
06/08/2022



#62
Toluene
Concen: 2.732 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

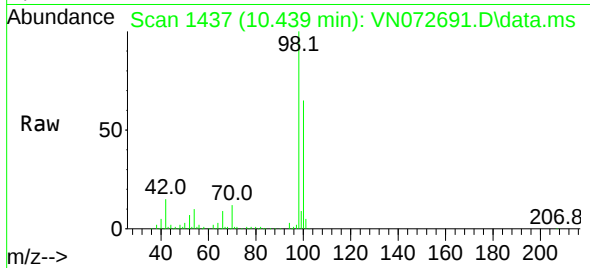
Tgt Ion: 91 Resp: 34144
Ion Ratio Lower Upper
91 100
92 57.1 44.6 67.0





#63
Toluene-d8
Concen: 32.326 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

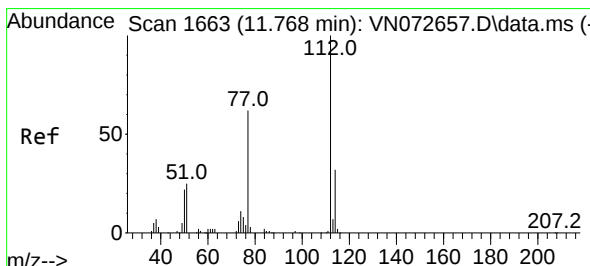
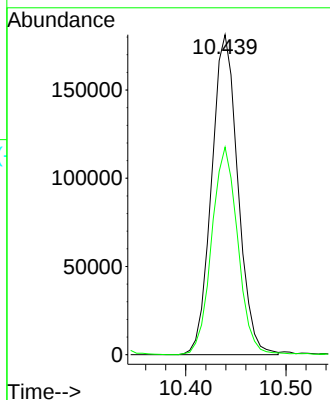
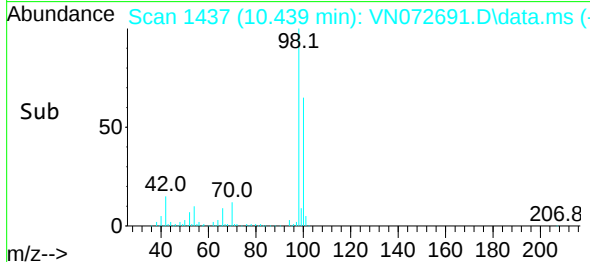


Tgt Ion: 98 Resp: 330010
Ion Ratio Lower Upper
98 100
100 64.6 50.6 76.0

Manual Integrations
APPROVED

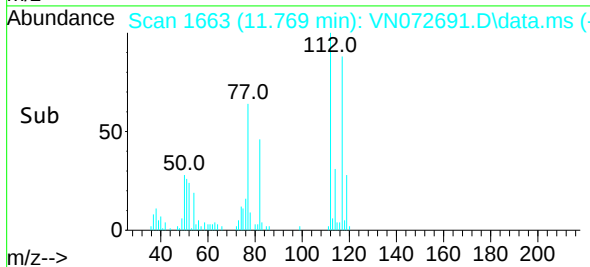
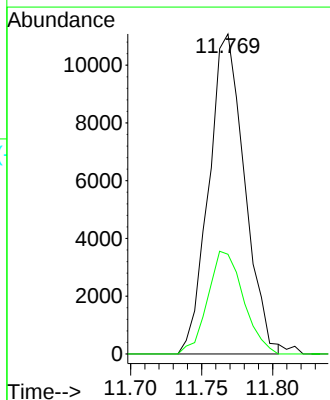
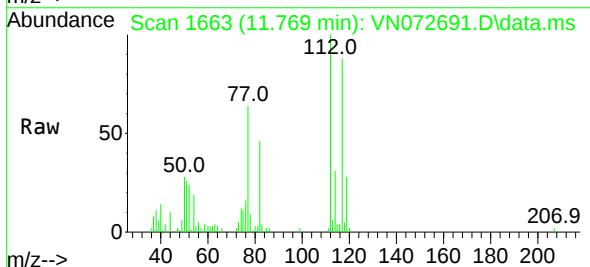
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

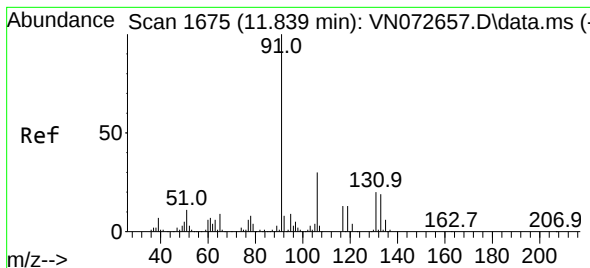
Supervised By :Mahesh
Dadoda
06/08/2022



#64
Chlorobenzene
Concen: 2.551 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.000 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

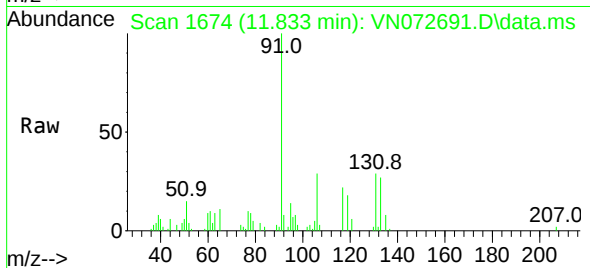
Tgt Ion:112 Resp: 19407
Ion Ratio Lower Upper
112 100
114 31.1 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 2.605 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2022

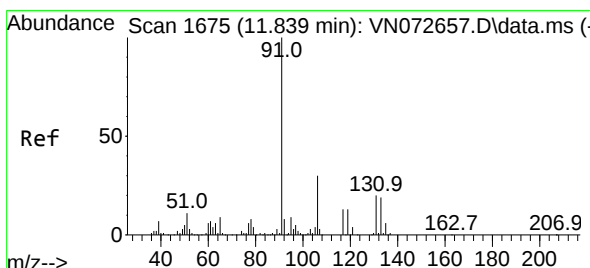
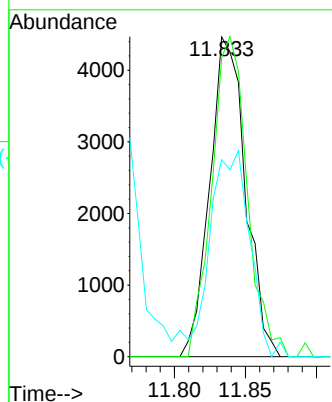


Tgt Ion:131 Resp: 781
Ion Ratio Lower Upper
131 100
133 99.4 0.0 191.2
119 69.3 0.0 128.8

Manual Integrations
APPROVED

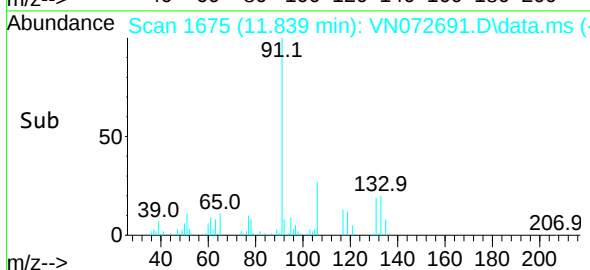
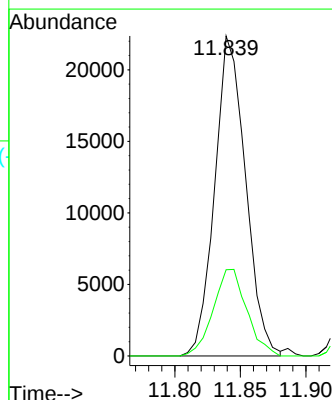
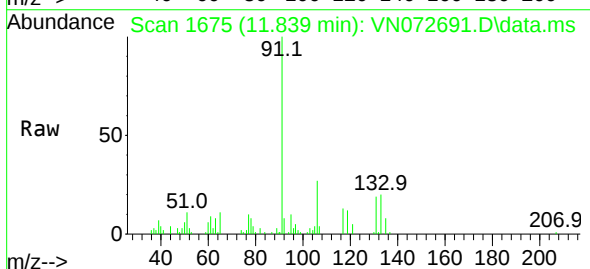
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

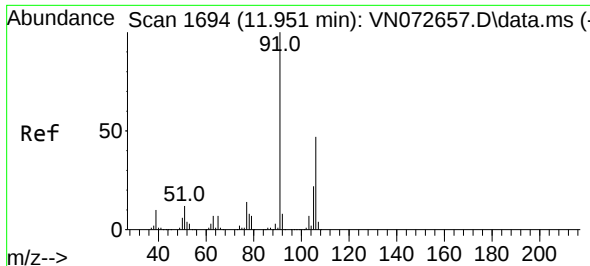
Supervised By :Mahesh
Dadoda
06/08/2022



#66
Ethyl Benzene
Concen: 2.552 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

Tgt Ion: 91 Resp: 36607
Ion Ratio Lower Upper
91 100
106 26.9 24.0 36.0





#67
m/p-Xylenes
Concen: 4.796 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

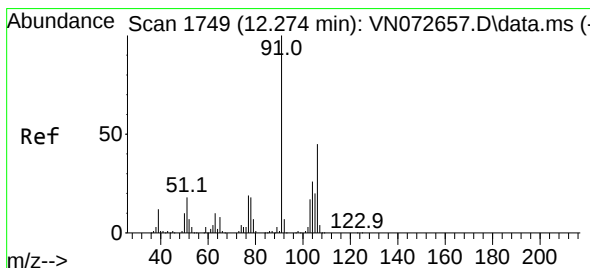
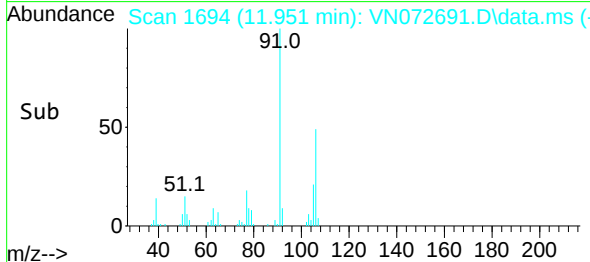
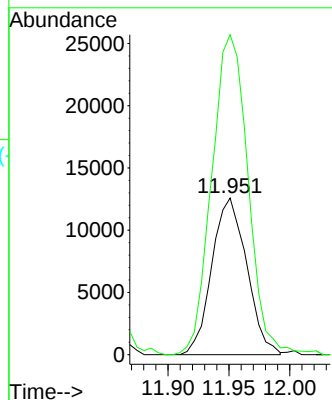
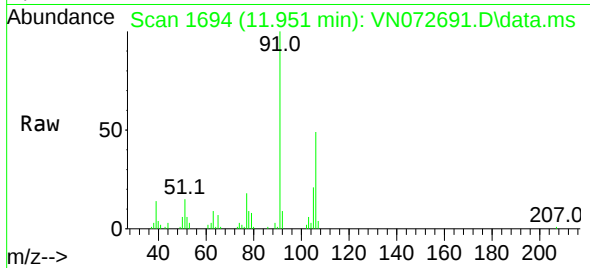
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

Tgt Ion:106 Resp: 2509
Ion Ratio Lower Upper
106 100
91 212.1 162.9 244.3

Manual Integrations
APPROVED

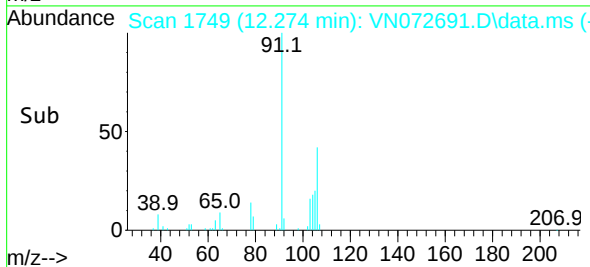
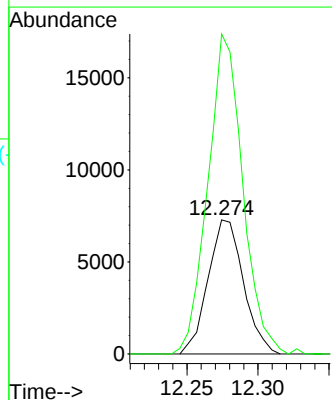
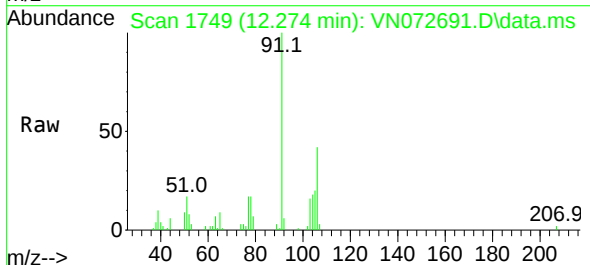
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

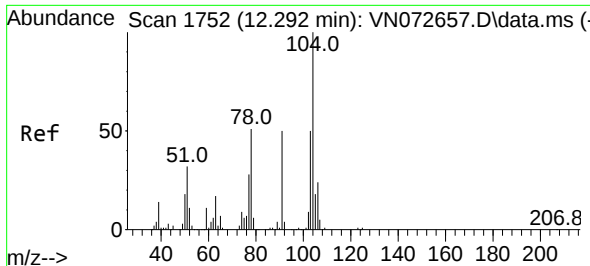
Supervised By :Mahesh
Dadoda
06/08/2022



#68
o-Xylene
Concen: 2.365 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

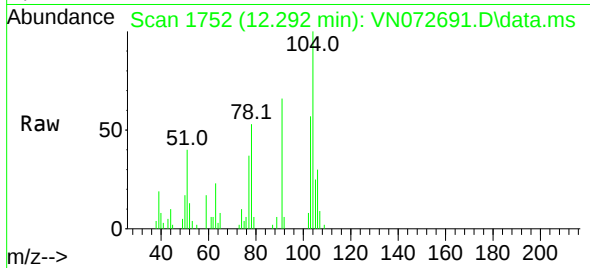
Tgt Ion:106 Resp: 12627
Ion Ratio Lower Upper
106 100
91 234.9 107.7 323.1





#69
Styrene
Concen: 2.090 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

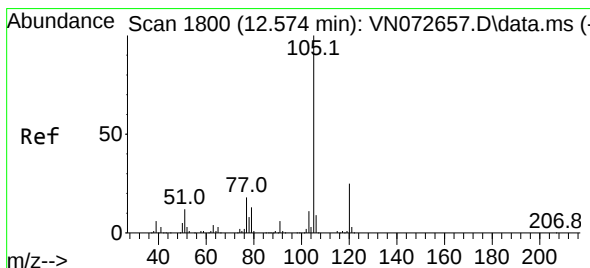
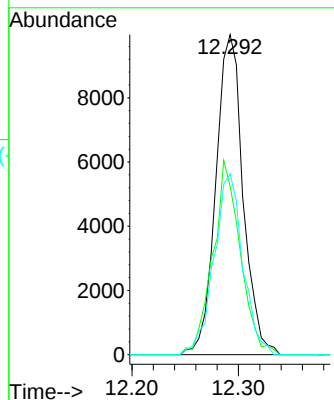


Tgt Ion:104 Resp: 1771
Ion Ratio Lower Upper
104 100
78 60.1 40.7 61.1
103 60.0 45.8 68.8

Manual Integrations
APPROVED

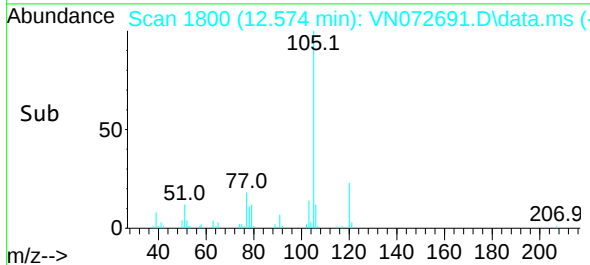
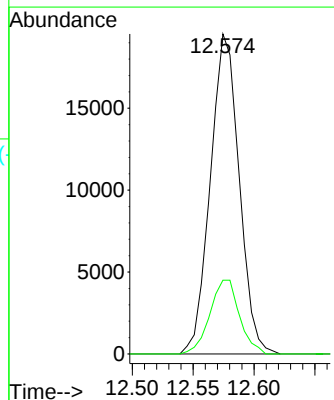
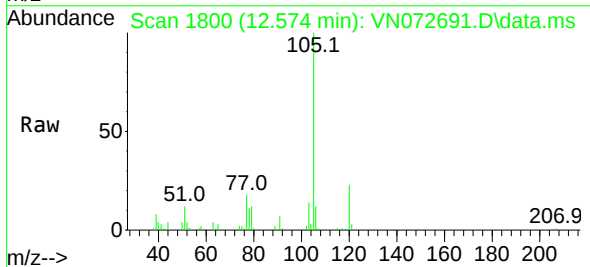
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

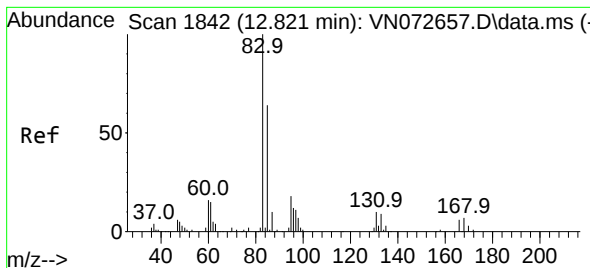
Supervised By :Mahesh
Dadoda
06/08/2022



#70
Isopropylbenzene
Concen: 2.309 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

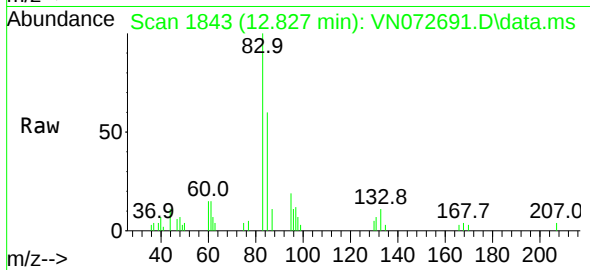
Tgt Ion:105 Resp: 32203
Ion Ratio Lower Upper
105 100
120 23.7 18.3 34.1





#71
 1,1,2,2-Tetrachloroethane
 Concen: 2.589 ug/l
 RT: 12.827 min Scan# 1843
 Delta R.T. 0.006 min
 Lab File: VN072691.D
 Acq: 07 Jun 2022 16:31

Instrument : MSVOA_N
 ClientSampleId : LOD-MDL-WATER-01-QT2-2022

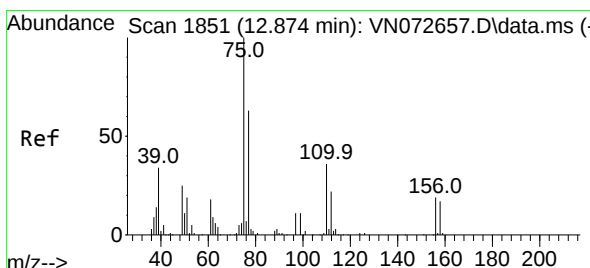
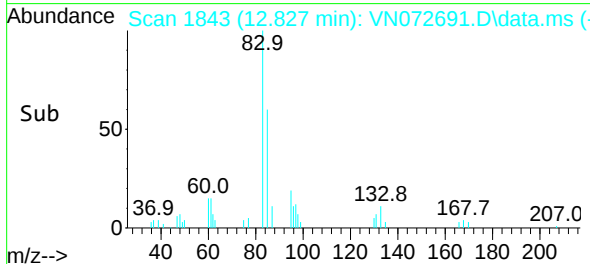
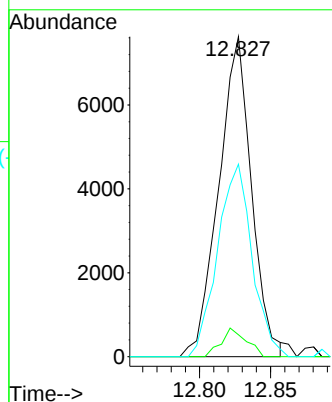


Tgt Ion: 83 Resp: 12220
 Ion Ratio Lower Upper
 83 100
 131 6.8 5.1 15.3
 85 63.4 33.1 99.2

Manual Integrations
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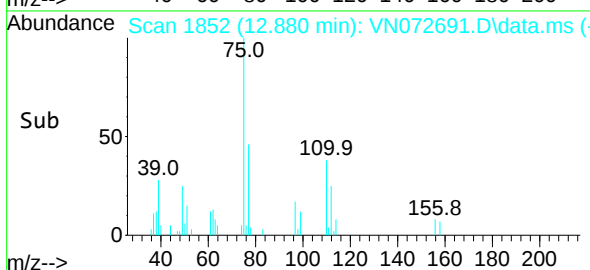
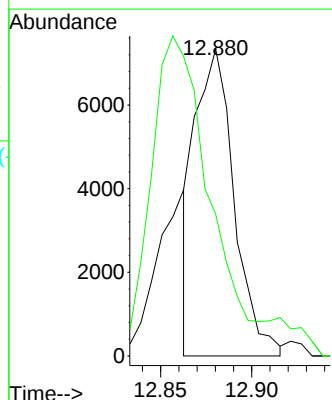
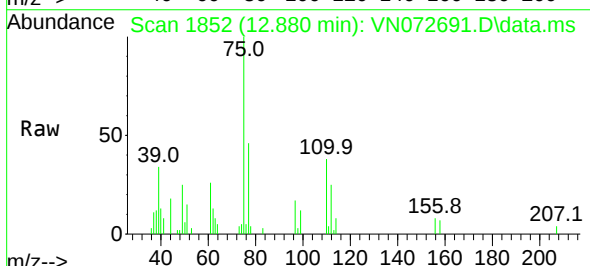
Reviewed By :John Carlone 06/08/2022
 Supervised By :Mahesh Dadoda 06/08/2022

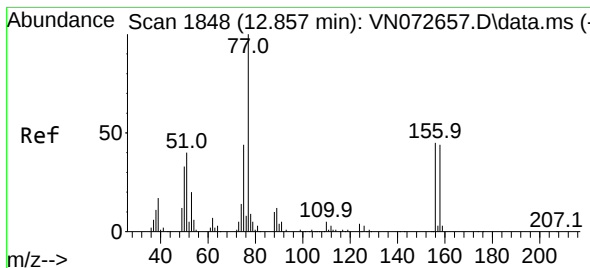
Supervised By :Mahesh
 Dadoda
 06/08/2022



#72
 1,2,3-Trichloropropane
 Concen: 2.651 ug/l m
 RT: 12.880 min Scan# 1852
 Delta R.T. 0.006 min
 Lab File: VN072691.D
 Acq: 07 Jun 2022 16:31

Tgt Ion: 75 Resp: 10926
 Ion Ratio Lower Upper
 75 100
 77 156.2 0.0 378.0





#73

Bromobenzene

Concen: 2.313 ug/l

RT: 12.863 min Scan# 1849

Delta R.T. 0.006 min

Lab File: VN072691.D

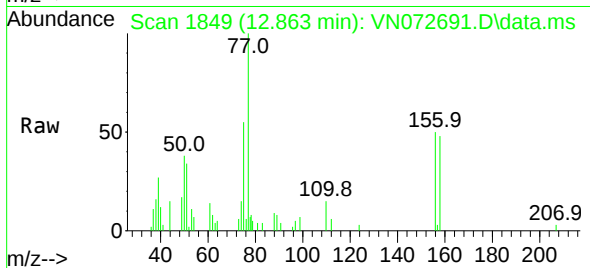
Acq: 07 Jun 2022 16:31

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022



Tgt Ion:	156	Resp:	6560
Ion Ratio	100	Lower	Upper
156	100		
77	260.2	0.0	416.0
158	91.3	0.0	195.4

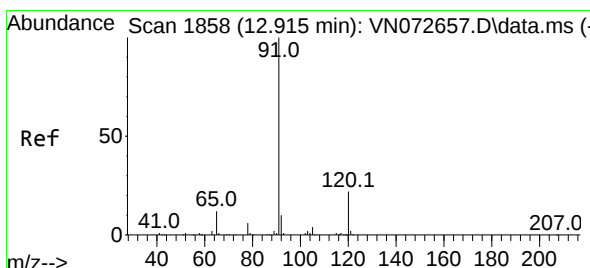
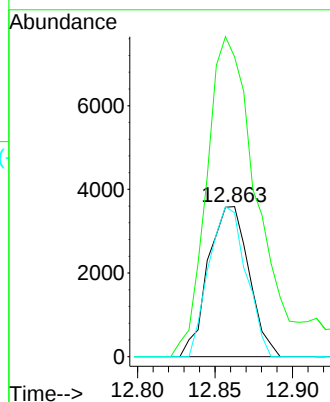
Manual Integrations

APPROVED

Reviewed By :John Carlone 06/08/2022

Supervised By :Mahesh Dadoda 06/08/2022

Supervised By :Mahesh
Dadoda
06/08/2022



#74

n-propylbenzene

Concen: 2.017 ug/l

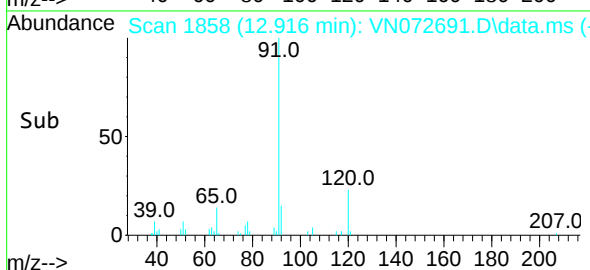
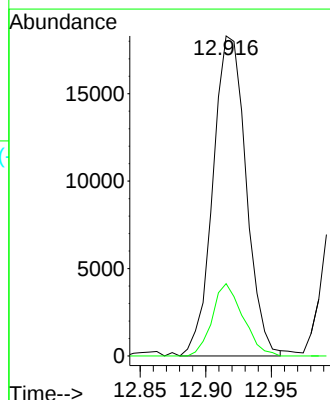
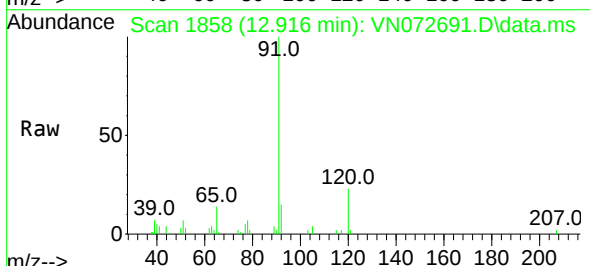
RT: 12.916 min Scan# 1858

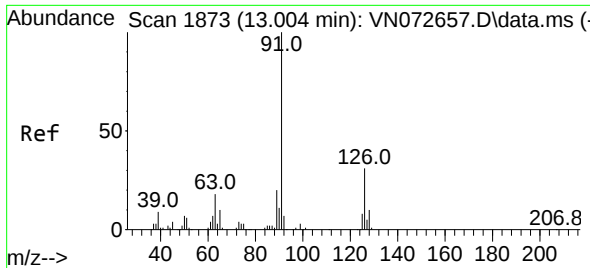
Delta R.T. 0.000 min

Lab File: VN072691.D

Acq: 07 Jun 2022 16:31

Tgt Ion:	91	Resp:	32194
Ion Ratio	100	Lower	Upper
91	100		
120	20.9	0.0	45.0





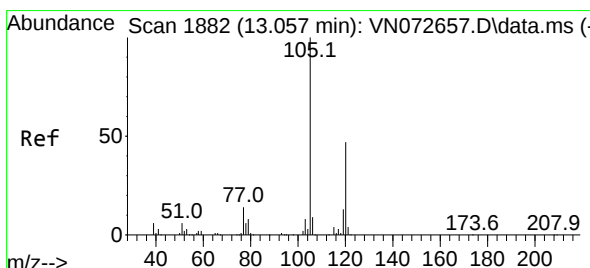
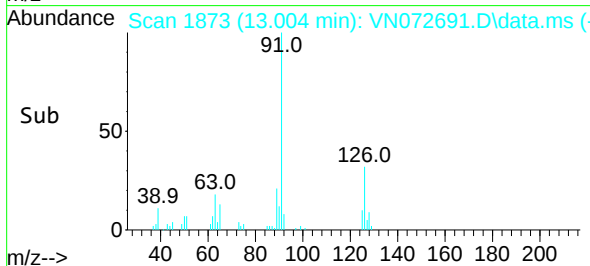
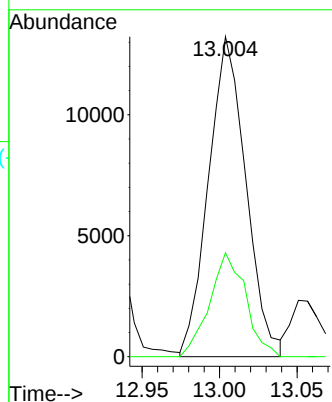
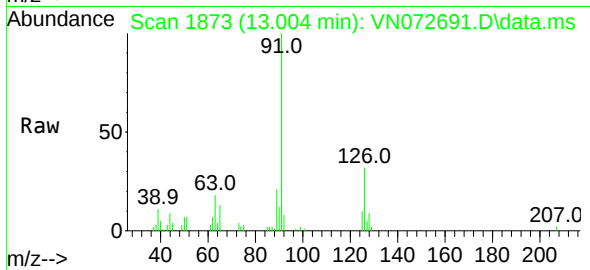
#75
2-Chlorotoluene
Concen: 2.239 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

Tgt Ion: 91 Resp: 2215
Ion Ratio Lower Upper
91 100
126 31.3 0.0 69.8

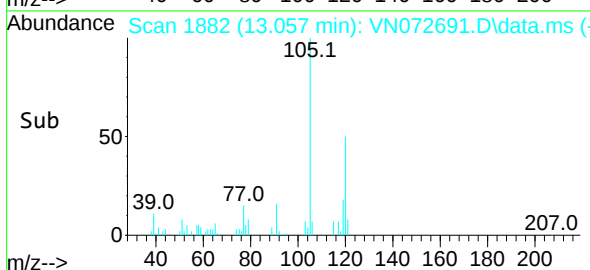
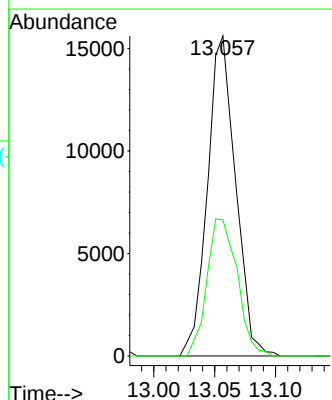
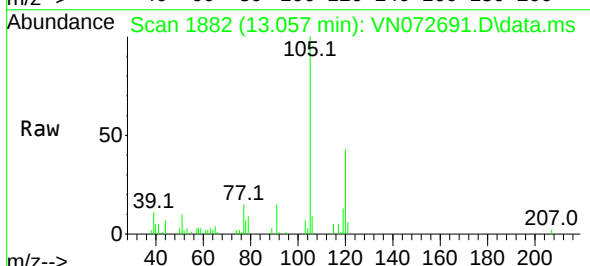
Manual Integrations
APPROVED

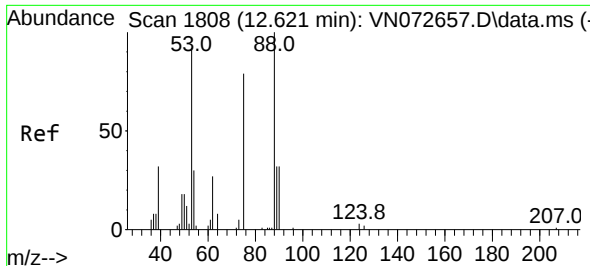
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#76
1,3,5-Trimethylbenzene
Concen: 2.197 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

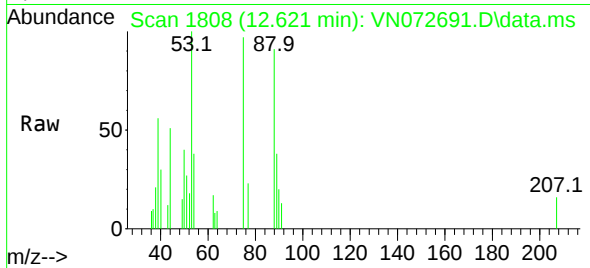
Tgt Ion:105 Resp: 25152
Ion Ratio Lower Upper
105 100
120 46.0 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 1.609 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2022

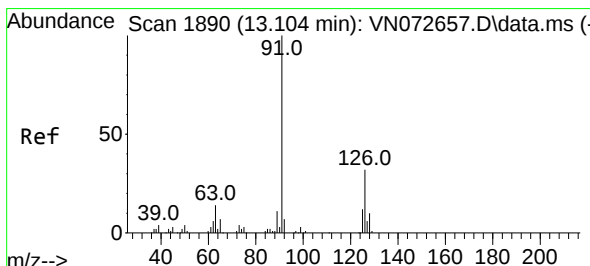
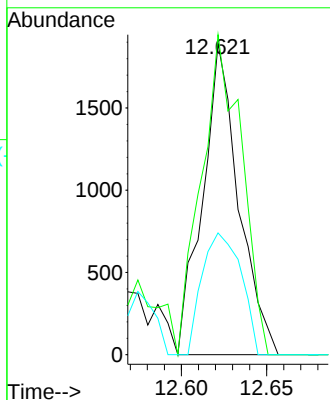
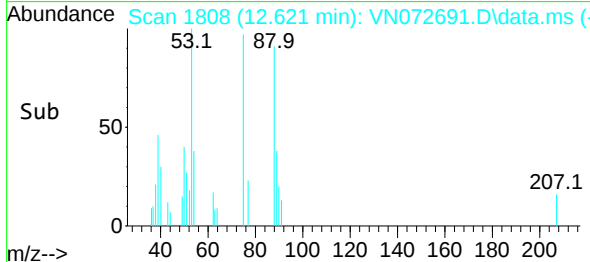


Tgt Ion: 75 Resp: 2794
Ion Ratio Lower Upper
75 100
53 102.8 51.8 155.5
89 39.1 22.9 68.7

Manual Integrations
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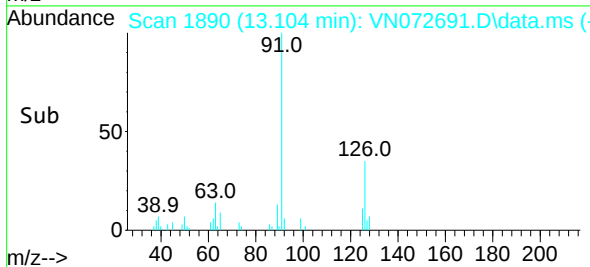
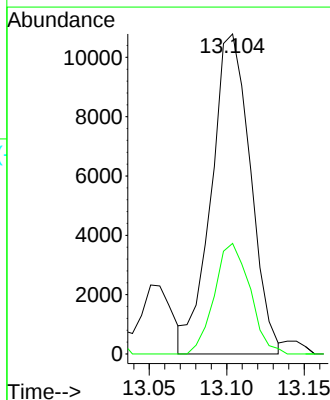
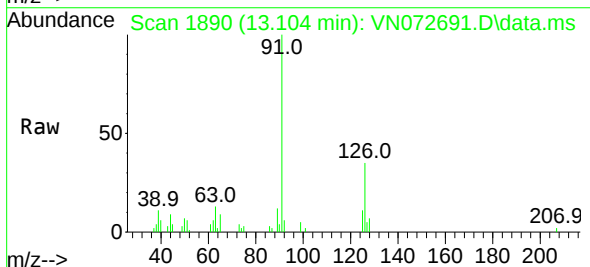
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

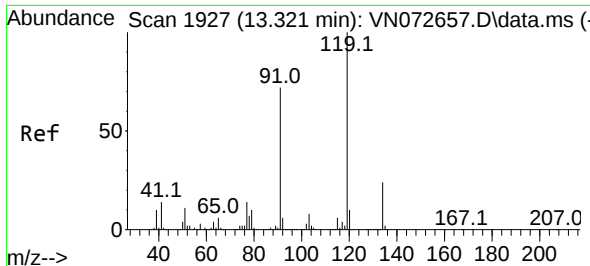
Supervised By :Mahesh
Dadoda
06/08/2022



#78
4-Chlorotoluene
Concen: 2.021 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

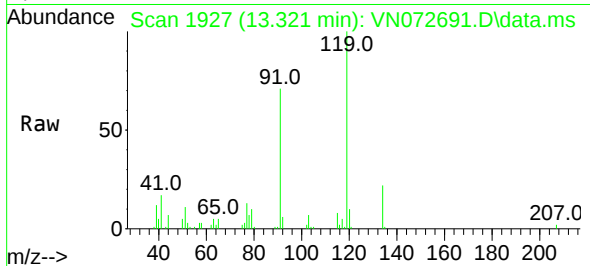
Tgt Ion: 91 Resp: 18886
Ion Ratio Lower Upper
91 100
126 31.5 0.0 70.6





#79
tert-butylbenzene
Concen: 2.361 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

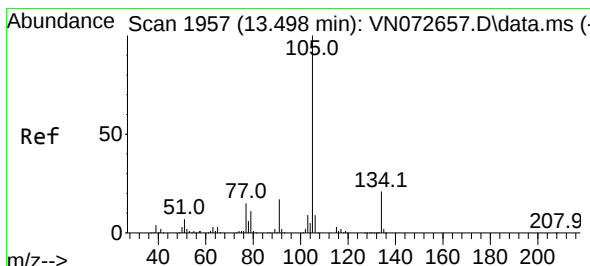
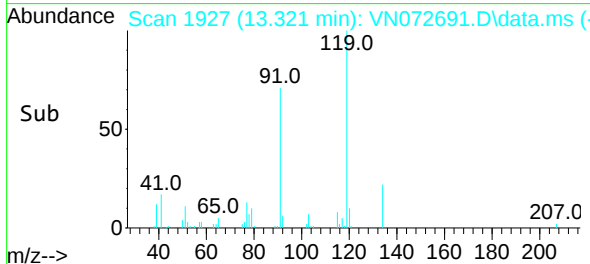
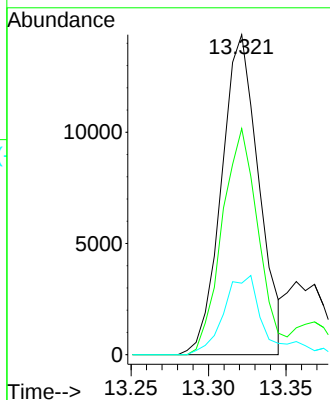


Tgt Ion:119 Resp: 2413
Ion Ratio Lower Upper
119 100
91 69.1 0.0 137.0
134 24.4 0.0 47.6

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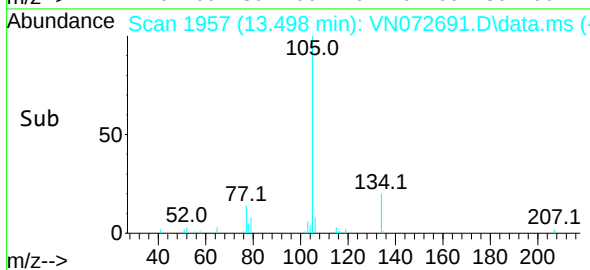
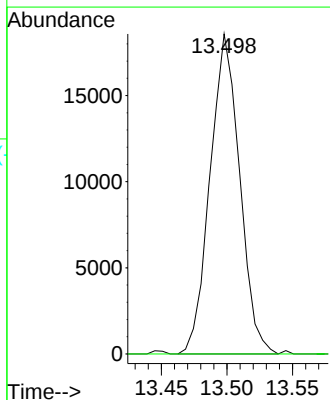
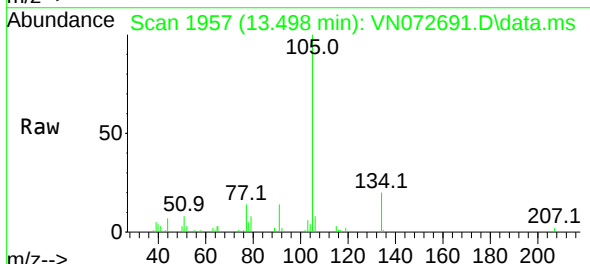
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

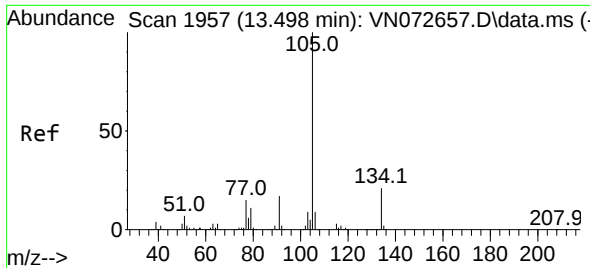
Supervised By :Mahesh
Dadoda
06/08/2022



#80
1,2,4-Trimethylbenzene
Concen: 2.114 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

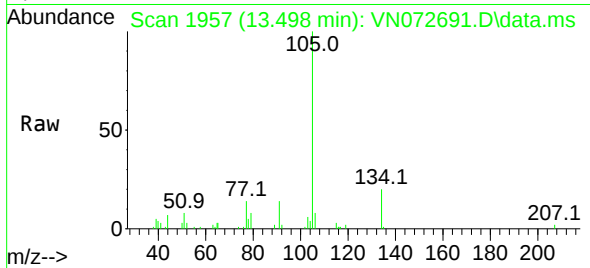
Tgt Ion:105 Resp: 29188
Ion Ratio Lower Upper
105 100
120 0.0 0.0 0.2





#81
 sec-Butylbenzene
 Concen: 2.114 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN072691.D
 Acq: 07 Jun 2022 16:31

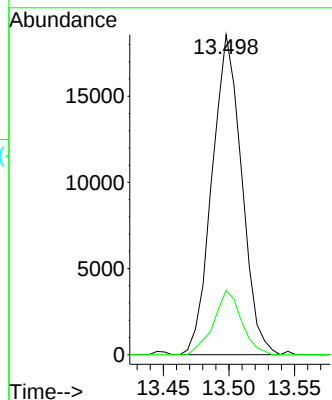
Instrument : MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2022



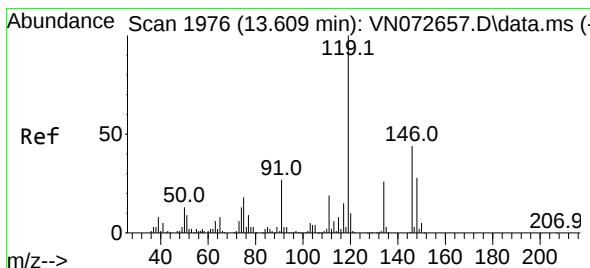
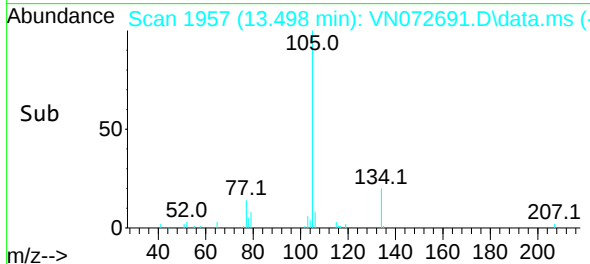
Tgt Ion:105 Resp: 2918
 Ion Ratio Lower Upper
 105 100
 134 18.9 0.0 39.4

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Reviewed By :John Carlone 06/08/2022
 Supervised By :Mahesh Dadoda 06/08/2022

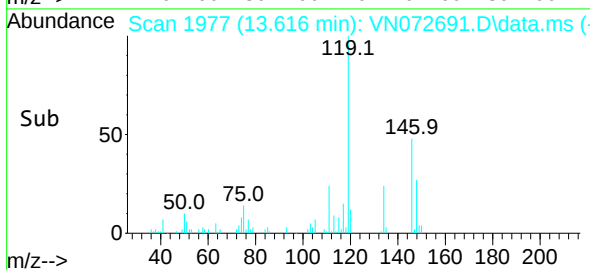
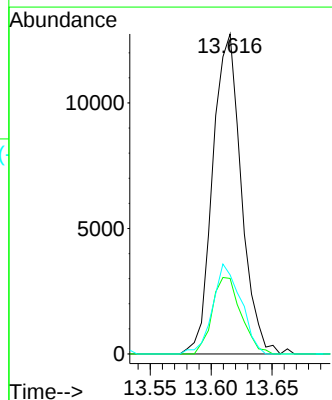
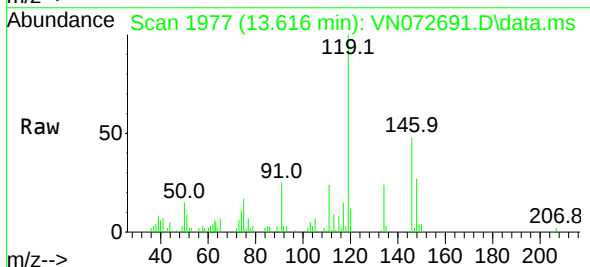


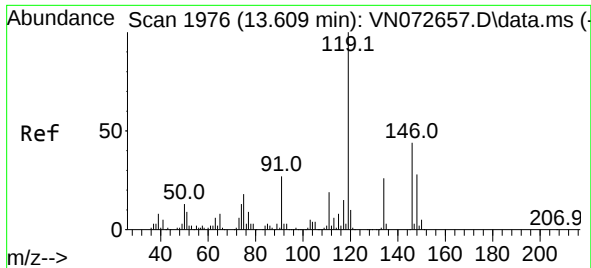
Supervised By :Mahesh
 Dadoda
 06/08/2022



#82
 p-Isopropyltoluene
 Concen: 1.886 ug/l
 RT: 13.616 min Scan# 1977
 Delta R.T. 0.006 min
 Lab File: VN072691.D
 Acq: 07 Jun 2022 16:31

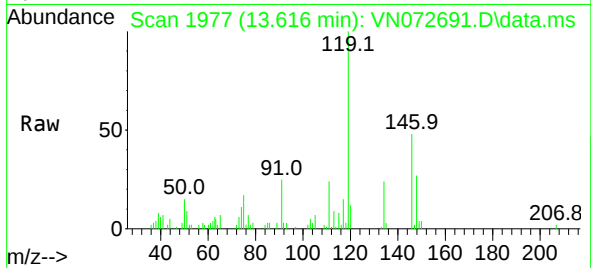
Tgt Ion:119 Resp: 20779
 Ion Ratio Lower Upper
 119 100
 134 24.1 0.0 51.8
 91 27.8 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 2.018 ug/l
RT: 13.616 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

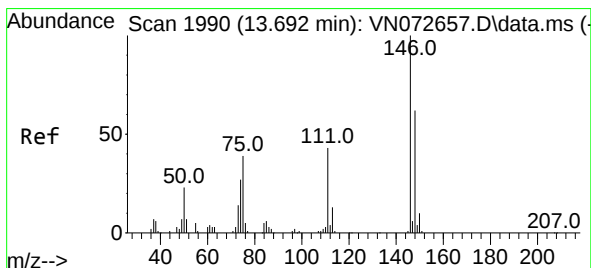
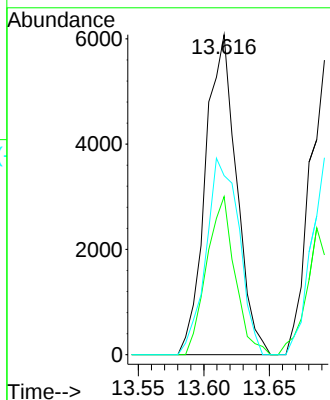
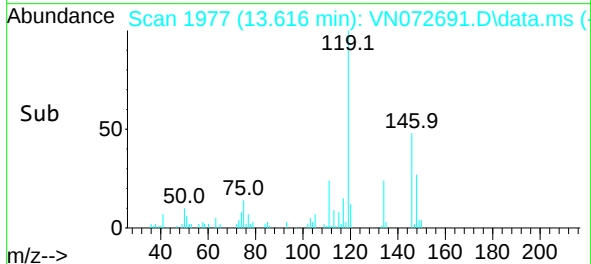


Tgt Ion:146 Resp: 10019
Ion Ratio Lower Upper
146 100
111 44.8 20.8 62.2
148 65.2 31.4 94.3

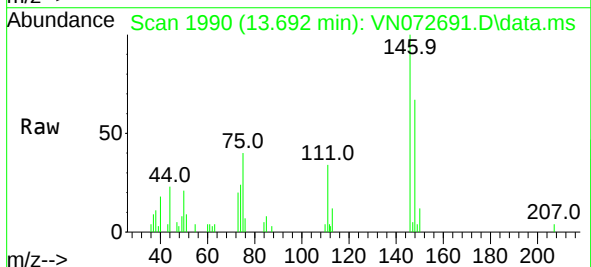
Manual Integrations
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Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

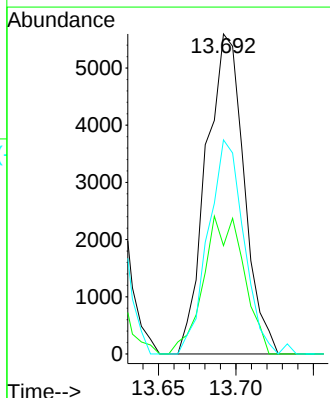
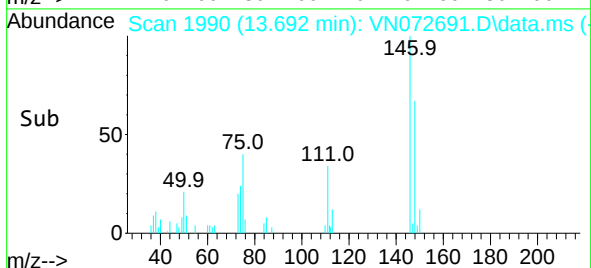
Supervised By :Mahesh
Dadoda
06/08/2022

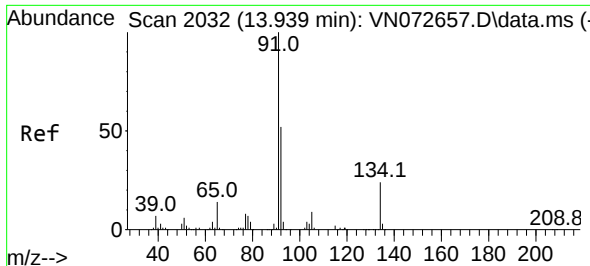


#84
1,4-Dichlorobenzene
Concen: 1.973 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31



Tgt Ion:146 Resp: 9508
Ion Ratio Lower Upper
146 100
111 45.7 19.5 58.5
148 62.7 31.1 93.5





#85
n-Butylbenzene
Concen: 1.654 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

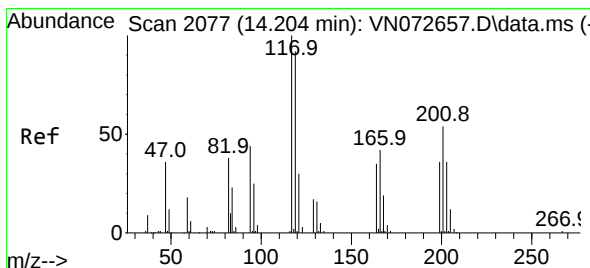
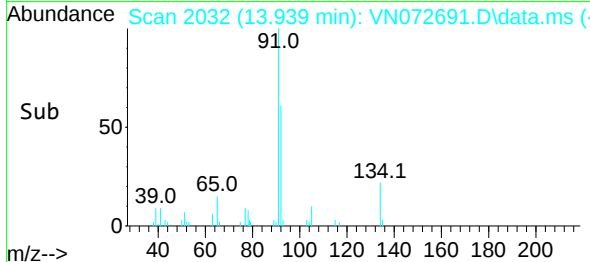
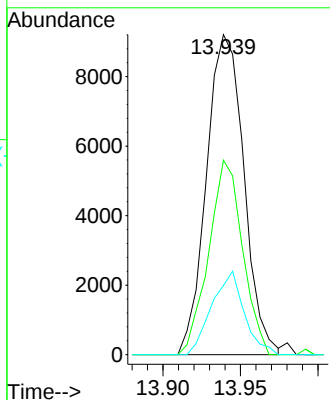
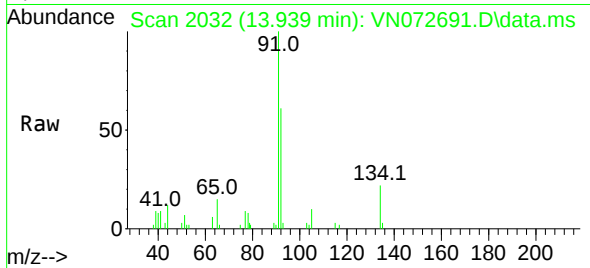
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

Tgt Ion: 91 Resp: 15458
Ion Ratio Lower Upper
91 100
92 54.9 0.0 100.6
134 22.6 0.0 50.2

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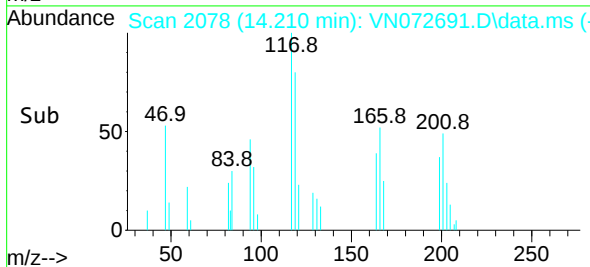
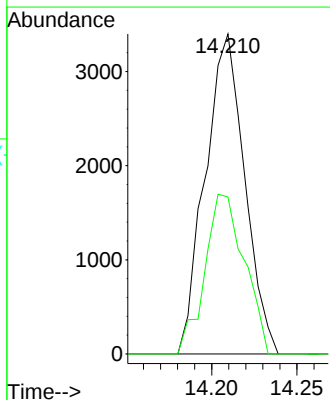
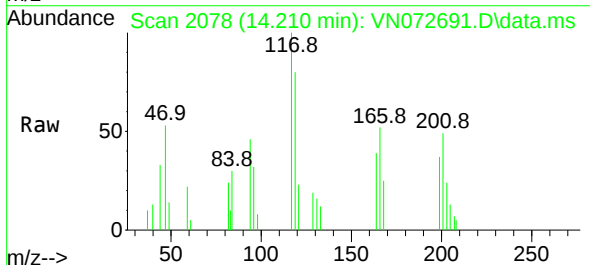
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

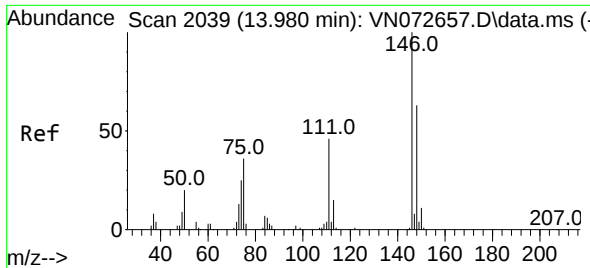
Supervised By :Mahesh
Dadoda
06/08/2022



#86
Hexachloroethane
Concen: 2.245 ug/l
RT: 14.210 min Scan# 2078
Delta R.T. 0.006 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

Tgt Ion:117 Resp: 5476
Ion Ratio Lower Upper
117 100
201 50.0 33.3 99.8





#87
1,2-Dichlorobenzene
Concen: 2.093 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

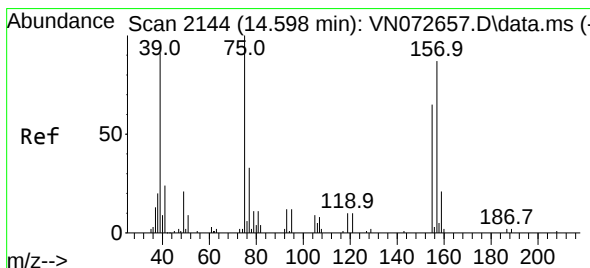
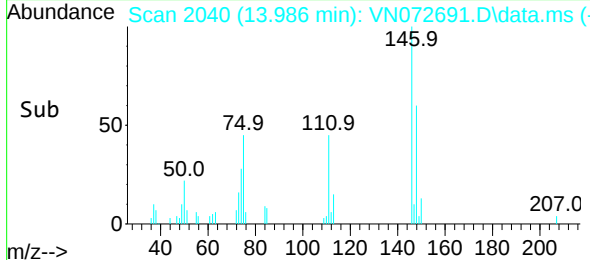
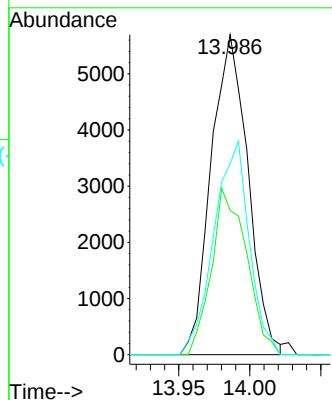
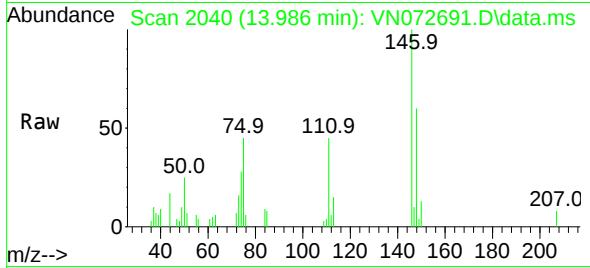
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2022

Tgt Ion:146 Resp: 1028
Ion Ratio Lower Upper
146 100
111 49.5 21.4 64.2
148 64.0 32.5 97.4

Manual Integrations
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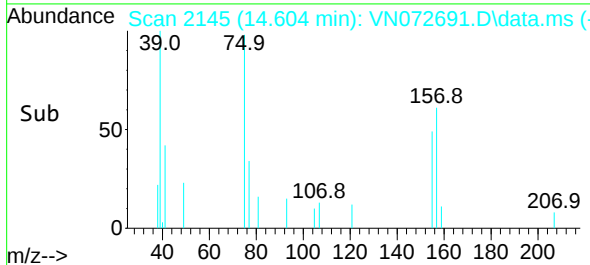
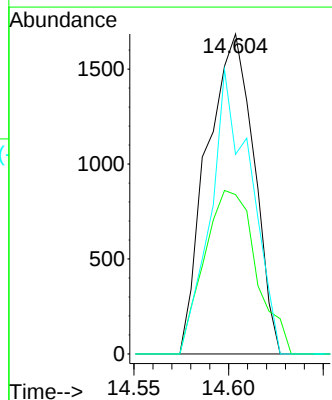
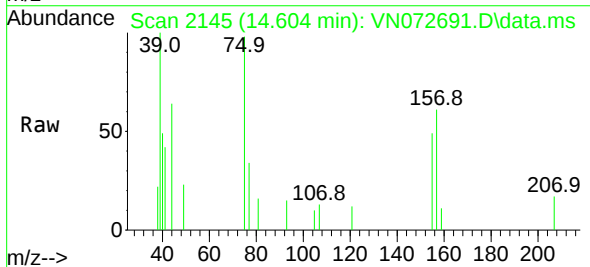
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

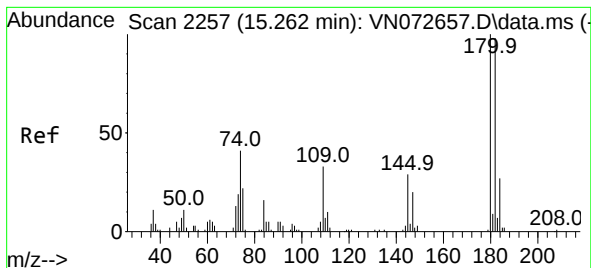
Supervised By :Mahesh
Dadoda
06/08/2022



#88
1,2-Dibromo-3-Chloropropane
Concen: 2.452 ug/l
RT: 14.604 min Scan# 2145
Delta R.T. 0.006 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

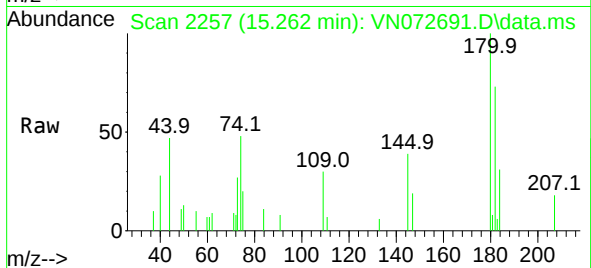
Tgt Ion: 75 Resp: 2903
Ion Ratio Lower Upper
75 100
155 56.4 63.8 95.8#
157 76.1 77.9 116.9#





#89
1,2,4-Trichlorobenzene
Concen: 1.711 ug/l
RT: 15.262 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

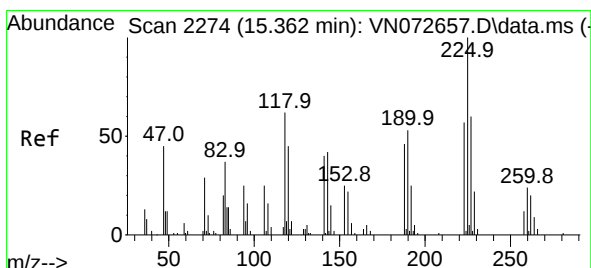
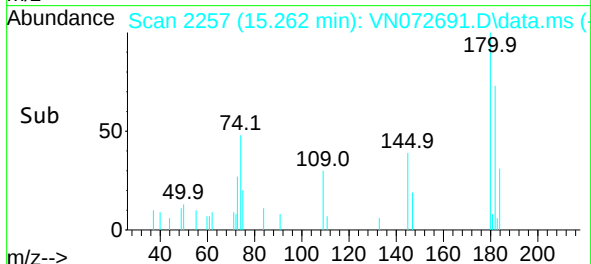
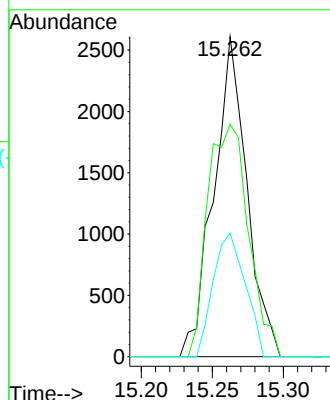


Tgt Ion:180 Resp: 423
Ion Ratio Lower Upper
180 100
182 89.8 77.7 116.5
145 37.3 26.6 39.8

Manual Integrations APPROVED

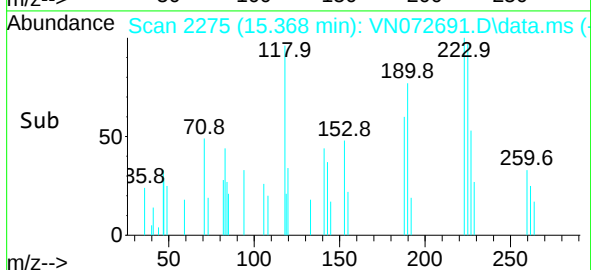
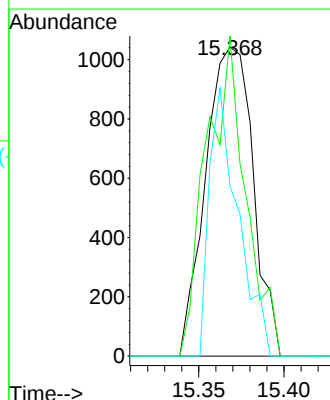
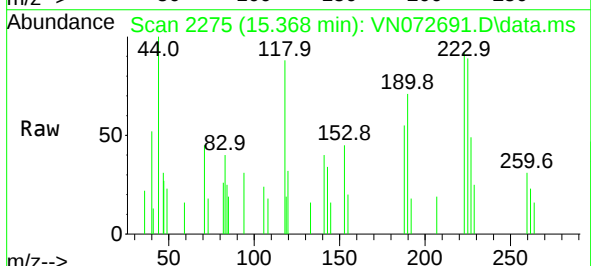
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

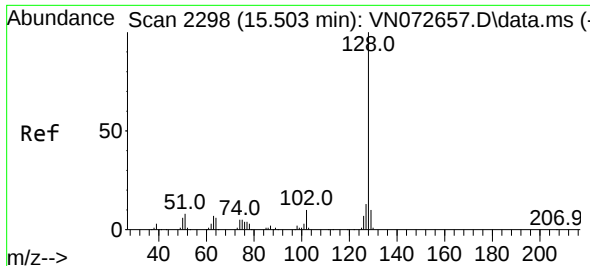
Supervised By :Mahesh
Dadoda
06/08/2022



#90
Hexachlorobutadiene
Concen: 1.822 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.006 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

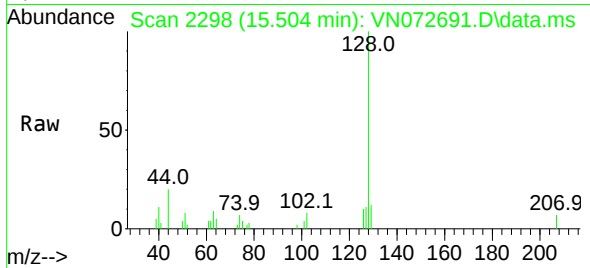
Tgt Ion:225 Resp: 2024
Ion Ratio Lower Upper
225 100
223 45.6 0.0 126.8
227 0.0 0.0 123.0





#91
Naphthalene
Concen: 1.494 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

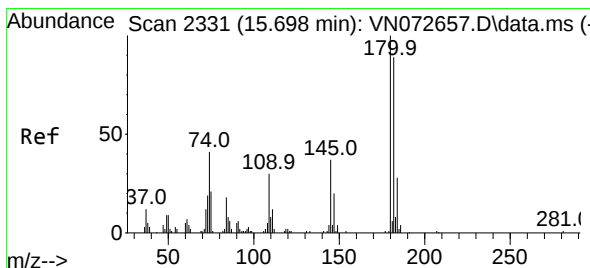
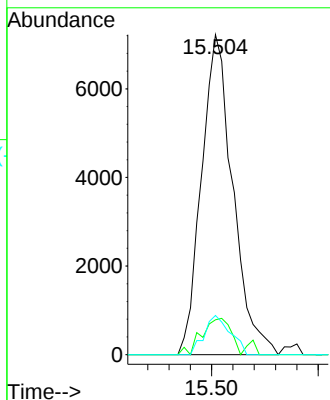
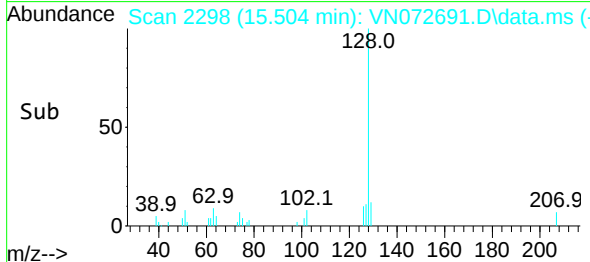


Tgt Ion:128 Resp: 1476
Ion Ratio Lower Upper
128 100
127 10.1 10.7 16.1
129 10.2 9.0 13.6

Manual Integrations
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Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

Supervised By :Mahesh
Dadoda
06/08/2022



#92
1,2,3-Trichlorobenzene
Concen: 1.584 ug/l
RT: 15.704 min Scan# 2332
Delta R.T. 0.006 min
Lab File: VN072691.D
Acq: 07 Jun 2022 16:31

Tgt Ion:180 Resp: 3989
Ion Ratio Lower Upper
180 100
182 98.8 0.0 190.0
145 32.1 0.0 67.8

