

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032822\
 Data File : VN071614.D
 Acq On : 28 Mar 2022 19:57
 Operator : JC\MD
 Sample : N1645-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Mar 29 10:12:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 29 10:12:32 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/29/2022
 Supervised By : Mahesh Dadoda 03/30/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	678558	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1104599	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	954088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	304979	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	407966	50.143	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.280%			
35) Dibromofluoromethane	8.016	113	318991	47.022	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 94.040%			
50) Toluene-d8	10.439	98	1288483	46.046	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 92.100%			
62) 4-Bromofluorobenzene	12.727	95	349590	38.296	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 76.600%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	1363	0.205	ug/l	95
3) Chloromethane	2.304	50	3956	0.506	ug/l #	79
4) Vinyl Chloride	2.440	62	1648	0.190	ug/l	98
5) Bromomethane	2.863	94	4721	0.925	ug/l	97
6) Chloroethane	3.022	64	1351m	0.215	ug/l	
7) Trichlorofluoromethane	3.387	101	2148	0.207	ug/l #	63
8) Diethyl Ether	3.816	74	359	0.083	ug/l #	48
9) 1,1,2-Trichlorotrifluo...	4.216	101	795	0.126	ug/l #	70
10) Methyl Iodide	4.428	142	3185	0.343	ug/l #	76
11) Tert butyl alcohol	5.351	59	902	0.628	ug/l #	72
12) 1,1-Dichloroethene	4.181	96	990	0.163	ug/l #	61
13) Acrolein	4.045	56	1733	1.446	ug/l #	67
14) Allyl chloride	4.840	41	1646	0.169	ug/l #	91
15) Acrylonitrile	5.557	53	4164	1.038	ug/l #	88
16) Acetone	4.298	43	4771	1.422	ug/l	93
17) Carbon Disulfide	4.534	76	4951	0.326	ug/l #	75
18) Methyl Acetate	4.851	43	7125	0.828	ug/l	99
19) Methyl tert-butyl Ether	5.628	73	4169	0.187	ug/l	92
20) Methylene Chloride	5.098	84	2111	0.285	ug/l #	80
21) trans-1,2-Dichloroethene	5.592	96	1621	0.249	ug/l #	72
22) Diisopropyl ether	6.487	45	4099	0.197	ug/l #	87
23) Vinyl Acetate	6.428	43	14526	0.829	ug/l	96
24) 1,1-Dichloroethane	6.386	63	2499	0.202	ug/l #	82
25) 2-Butanone	7.345	43	6101	1.169	ug/l	91
26) 2,2-Dichloropropane	7.333	77	1770	0.166	ug/l #	59
27) cis-1,2-Dichloroethene	7.310	96	1794	0.224	ug/l	95
28) Bromochloromethane	7.651	49	856	0.171	ug/l #	81
29) Tetrahydrofuran	7.692	42	3951	1.166	ug/l #	89
30) Chloroform	7.816	83	2709	0.214	ug/l	94
31) Cyclohexane	8.081	56	13809	1.215	ug/l #	1
32) 1,1,1-Trichloroethane	8.016	97	2153	0.196	ug/l #	47
36) 1,1-Dichloropropene	8.216	75	2437	0.250	ug/l #	94
37) Ethyl Acetate	7.416	43	2291	0.215	ug/l #	78
38) Carbon Tetrachloride	8.204	117	2020	0.209	ug/l #	80
39) Methylcyclohexane	9.451	83	2271	0.188	ug/l #	78
40) Benzene	8.457	78	6025	0.201	ug/l #	66

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	1256	0.242	ug/l #	53
42) 1,2-Dichloroethane	8.528	62	3055	0.295	ug/l	88
43) Isopropyl Acetate	8.563	43	8014	0.423	ug/l #	62
44) Trichloroethene	9.210	130	1953	0.248	ug/l	78
45) 1,2-Dichloropropane	9.486	63	1392	0.189	ug/l #	44
46) Dibromomethane	9.580	93	1093	0.217	ug/l	92
47) Bromodichloromethane	9.763	83	2083	0.209	ug/l #	97
48) Methyl methacrylate	9.557	41	1462	0.190	ug/l #	76
49) 1,4-Dioxane	9.569	88	884	5.228	ug/l #	56
51) 4-Methyl-2-Pentanone	10.322	43	8829	0.844	ug/l	94
52) Toluene	10.504	92	4292	0.223	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	2199	0.203	ug/l #	81
54) cis-1,3-Dichloropropene	10.180	75	1936	0.165	ug/l #	86
55) 1,1,2-Trichloroethane	10.886	97	1694	0.218	ug/l #	74
56) Ethyl methacrylate	10.751	69	2264	0.195	ug/l #	73
57) 1,3-Dichloropropane	11.039	76	2496	0.193	ug/l	95
58) 2-Chloroethyl Vinyl ether	10.033	63	1873	0.629	ug/l #	88
59) 2-Hexanone	11.086	43	8670	1.159	ug/l	86
60) Dibromochloromethane	11.239	129	1185	0.152	ug/l	80
61) 1,2-Dibromoethane	11.345	107	1443	0.184	ug/l	87
64) Tetrachloroethene	10.974	164	1524	0.231	ug/l #	85
65) Chlorobenzene	11.763	112	4560	0.229	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.845	131	1247	0.175	ug/l #	61
67) Ethyl Benzene	11.839	91	6983	0.203	ug/l	98
68) m/p-Xylenes	11.945	106	4857	0.372	ug/l	91
69) o-Xylene	12.274	106	2304	0.176	ug/l	99
70) Styrene	12.286	104	3464	0.173	ug/l	95
71) Bromoform	12.445	173	1042	0.185	ug/l #	78
73) Isopropylbenzene	12.574	105	5239	0.196	ug/l	97
74) N-amyl acetate	12.380	43	2561	0.316	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.821	83	2376	0.266	ug/l	97
76) 1,2,3-Trichloropropane	12.868	75	1923m	0.263	ug/l	
77) Bromobenzene	12.857	156	2234	0.333	ug/l	96
78) n-propylbenzene	12.915	91	7295	0.254	ug/l	96
79) 2-Chlorotoluene	13.004	91	4926	0.273	ug/l	90
80) 1,3,5-Trimethylbenzene	13.045	105	4917	0.233	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.621	75	236m	0.093	ug/l	
82) 4-Chlorotoluene	13.098	91	4796	0.285	ug/l	98
83) tert-Butylbenzene	13.315	119	3957	0.205	ug/l	85
84) 1,2,4-Trimethylbenzene	13.363	105	4876	0.236	ug/l	99
85) sec-Butylbenzene	13.498	105	5195	0.203	ug/l	95
86) p-Isopropyltoluene	13.610	119	3991	0.197	ug/l	94
87) 1,3-Dichlorobenzene	13.610	146	3670	0.339	ug/l	92
88) 1,4-Dichlorobenzene	13.686	146	4434m	0.412	ug/l	
89) n-Butylbenzene	13.933	91	4786	0.312	ug/l	96
90) Hexachloroethane	14.204	117	904	0.237	ug/l	64
91) 1,2-Dichlorobenzene	13.980	146	3943	0.372	ug/l	88
92) 1,2-Dibromo-3-Chloropr...	14.598	75	515	0.334	ug/l #	62
93) 1,2,4-Trichlorobenzene	15.262	180	2591	0.553	ug/l	94
94) Hexachlorobutadiene	15.368	225	763	0.258	ug/l	88
95) Naphthalene	15.504	128	6414	0.502	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	2517	0.536	ug/l	89

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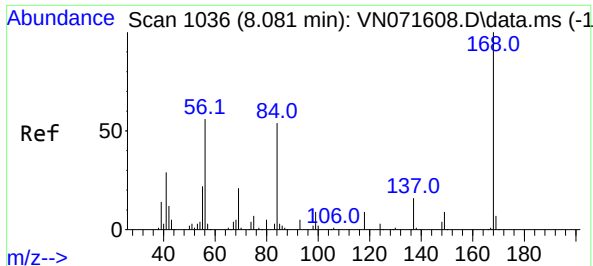
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

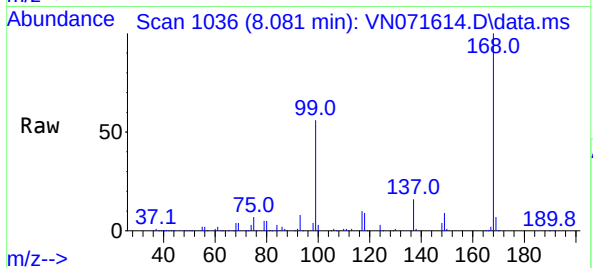
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

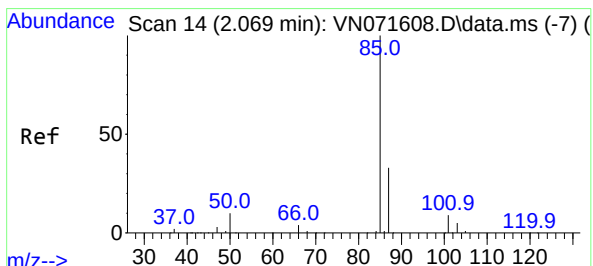
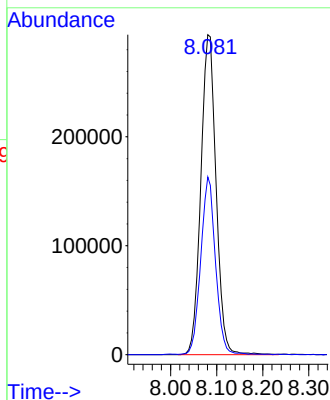
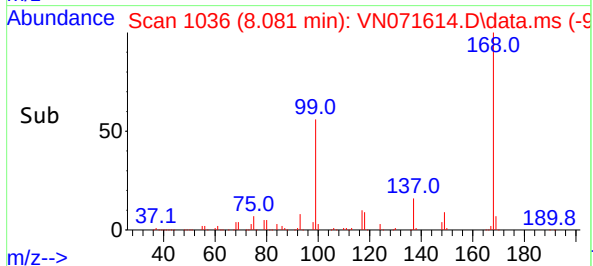
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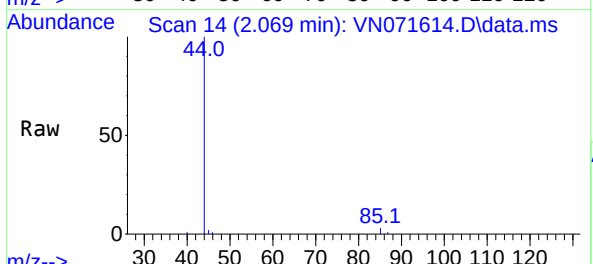
Tgt Ion:168 Resp: 678558
Ion Ratio Lower Upper
168 100
99 55.5 42.3 63.5

Manual Integrations
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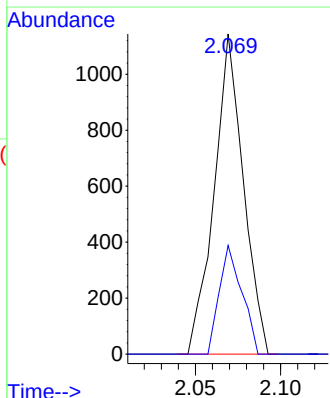
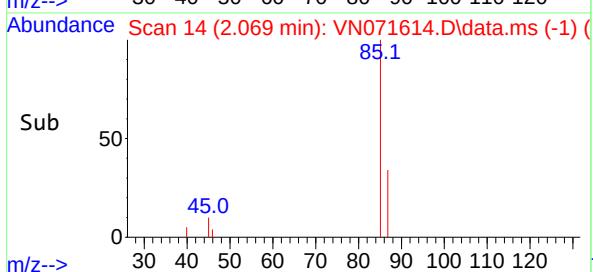
Reviewed By :John Carlone 03/29/2022
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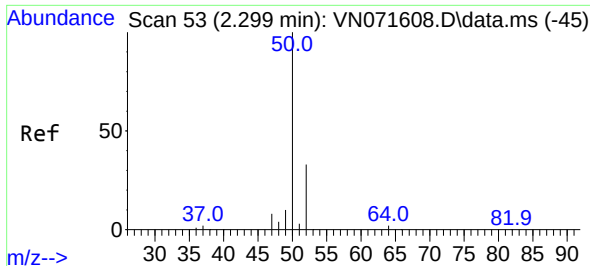


#2
Dichlorodifluoromethane
Concen: 0.205 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57



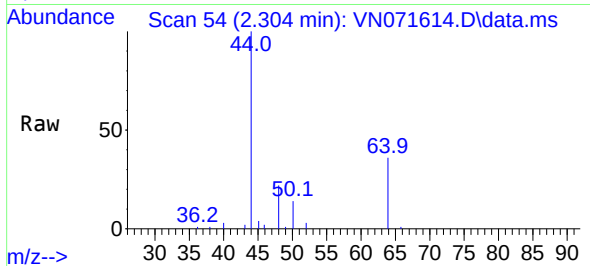
Tgt Ion: 85 Resp: 1363
Ion Ratio Lower Upper
85 100
87 33.9 15.7 47.1





#3
Chloromethane
Concen: 0.506 ug/l
RT: 2.304 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

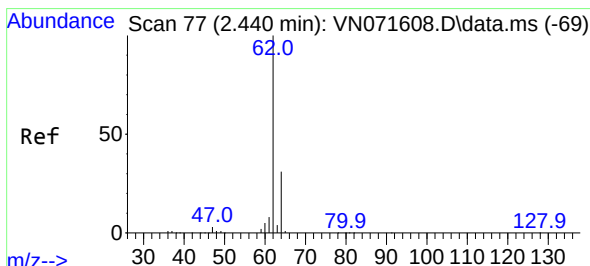
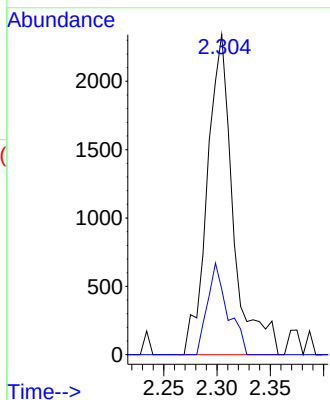
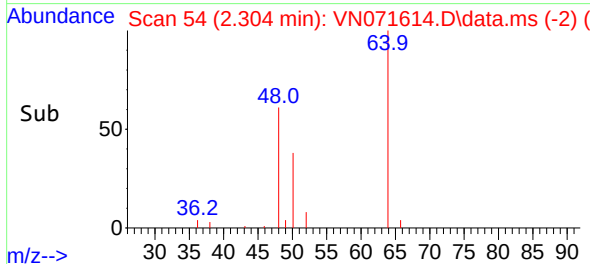
Instrument :
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LOD-MDL-WATER-01-QT1-2022



Tgt Ion: 50 Resp: 3950
Ion Ratio Lower Upper
50 100
52 20.5 25.7 38.5

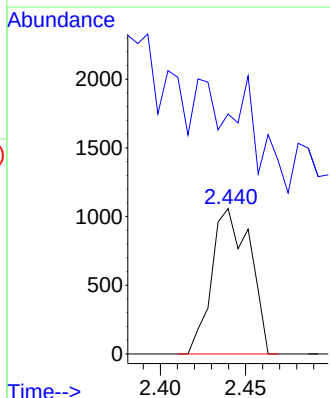
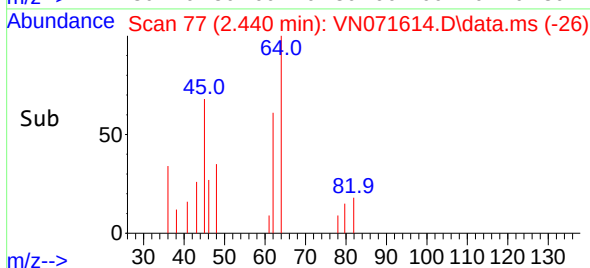
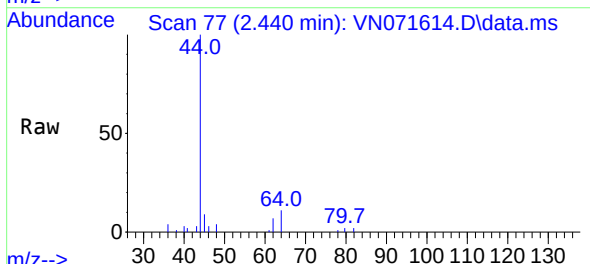
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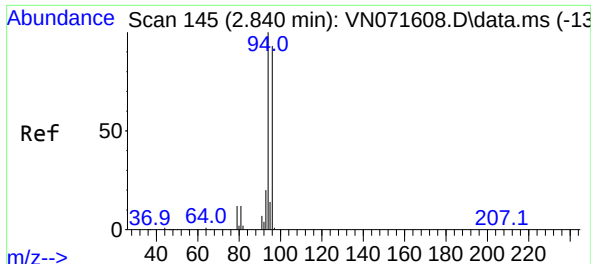
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#4
Vinyl Chloride
Concen: 0.190 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

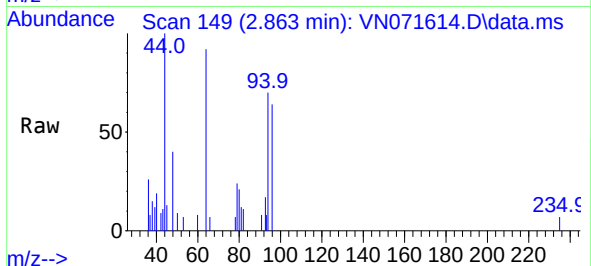
Tgt Ion: 62 Resp: 1648
Ion Ratio Lower Upper
62 100
64 32.1 25.0 37.4





#5
Bromomethane
Concen: 0.925 ug/l
RT: 2.863 min Scan# 145
Delta R.T. 0.023 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

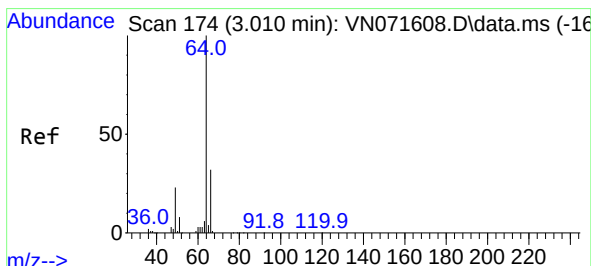
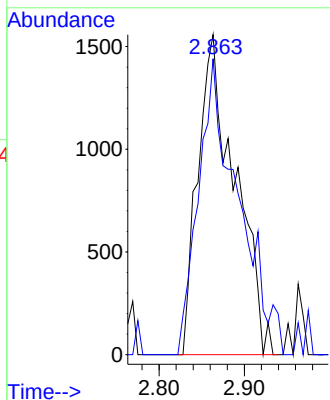
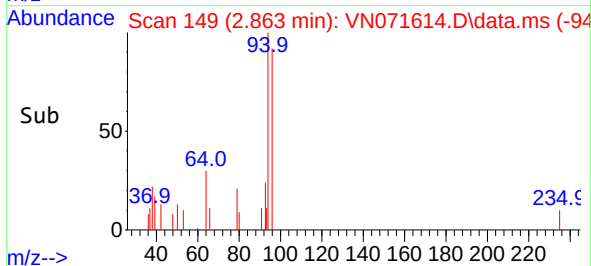
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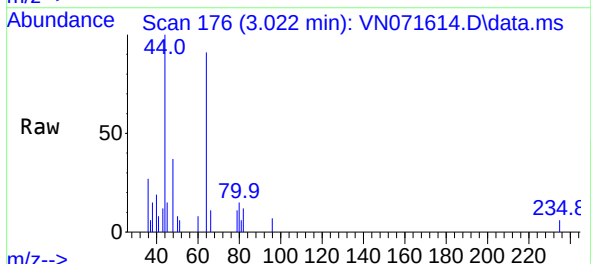
Tgt Ion: 94 Resp: 472
Ion Ratio Lower Upper
94 100
96 92.5 76.0 114.0

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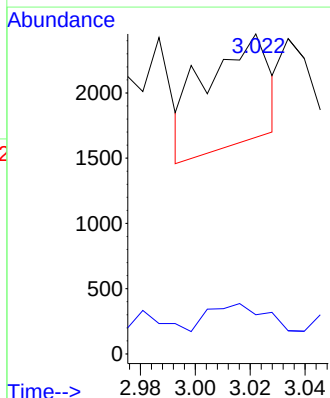
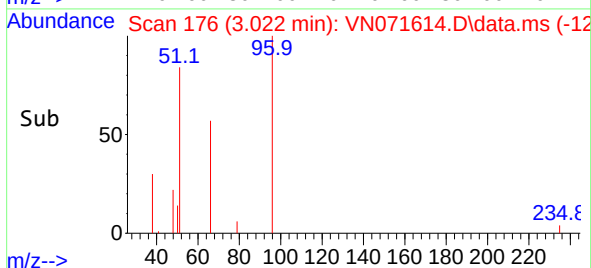
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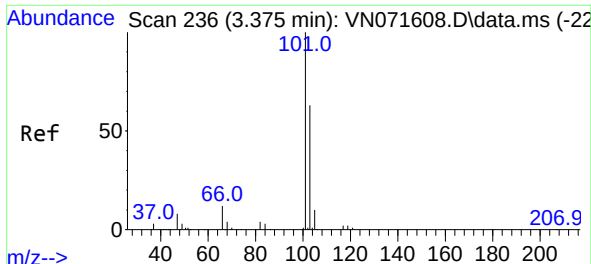


#6
Chloroethane
Concen: 0.215 ug/l m
RT: 3.022 min Scan# 176
Delta R.T. 0.012 min
Lab File: VN071614.D
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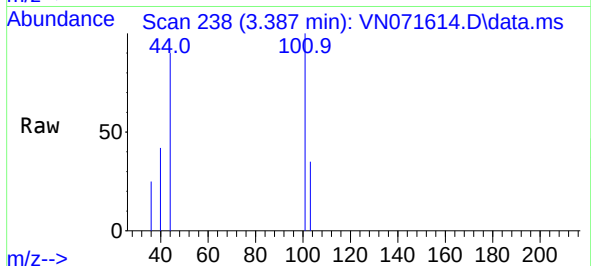
Tgt Ion: 64 Resp: 1351
Ion Ratio Lower Upper
64 100
66 12.2 26.2 39.4#





#7
Trichlorofluoromethane
Concen: 0.207 ug/l
RT: 3.387 min Scan# 214
Delta R.T. 0.012 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

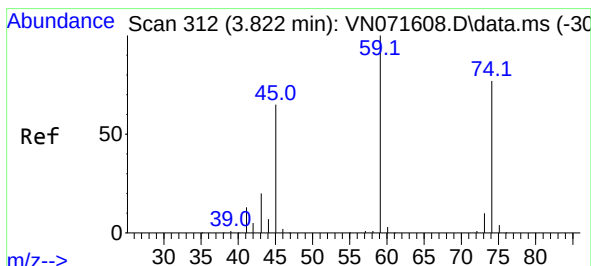
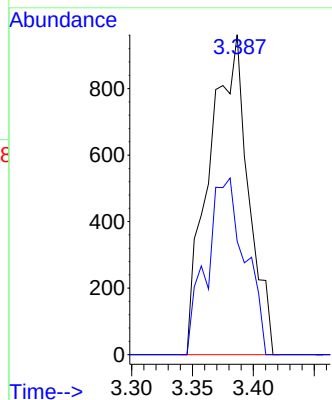
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



Tgt Ion:101 Resp: 214
Ion Ratio Lower Upper
101 100
103 35.4 51.5 77.3

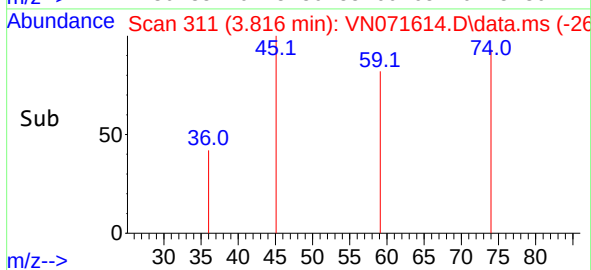
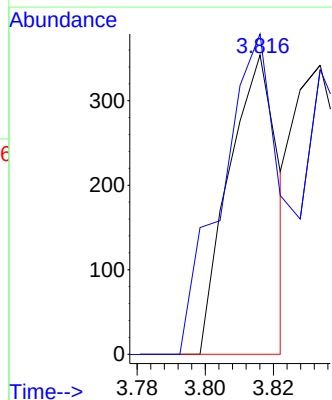
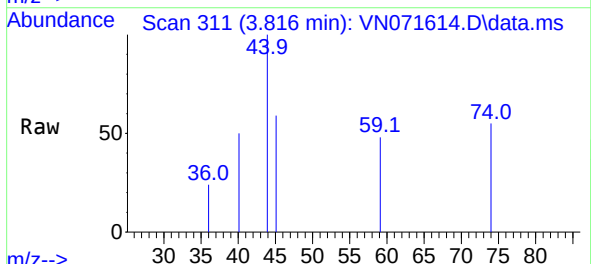
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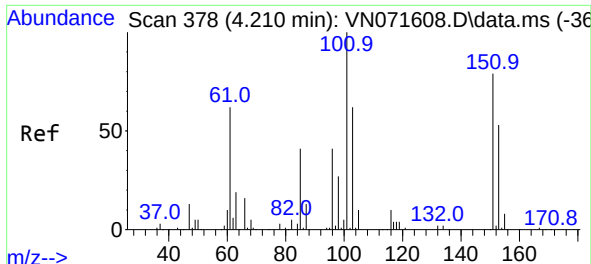
Reviewed By :John Carlone 03/29/2022
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#8
Diethyl Ether
Concen: 0.083 ug/l
RT: 3.816 min Scan# 311
Delta R.T. -0.006 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

Tgt Ion: 74 Resp: 359
Ion Ratio Lower Upper
74 100
45 133.1 42.9 128.5





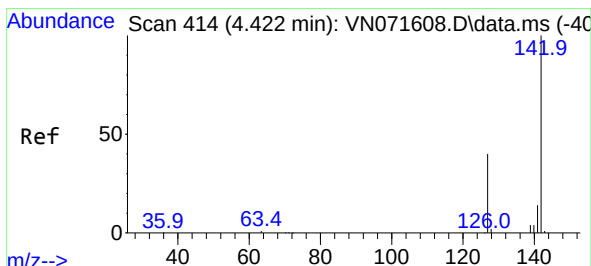
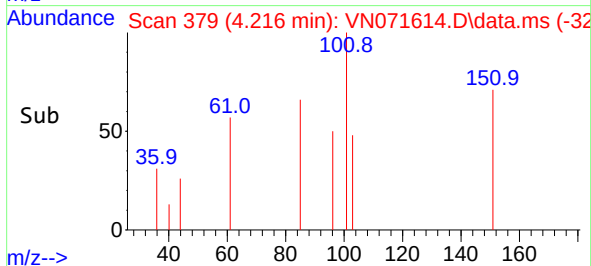
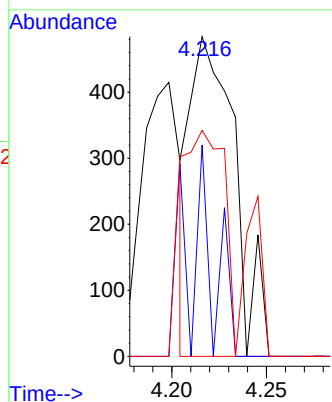
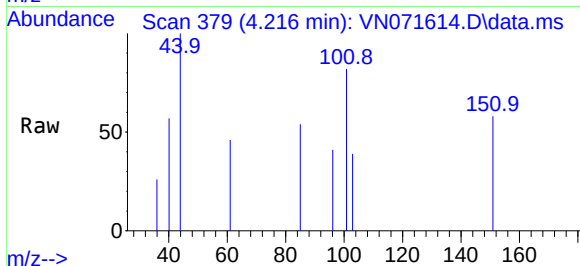
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.126 ug/l
RT: 4.216 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

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

Tgt Ion:101 Resp: 79
Ion Ratio Lower Upper
101 100
85 0.0 34.7 52.1
151 70.2 63.0 94.4

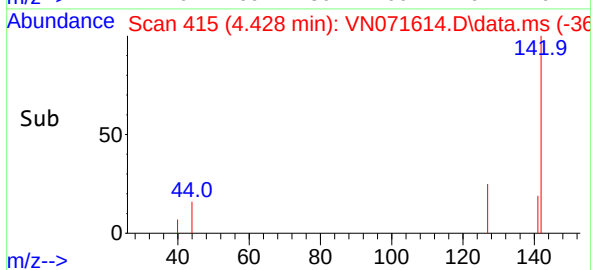
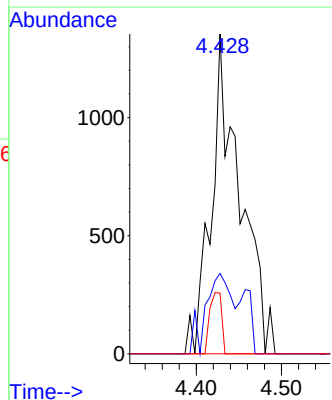
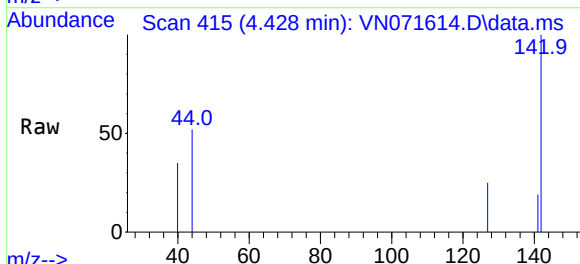
Manual Integrations
APPROVED

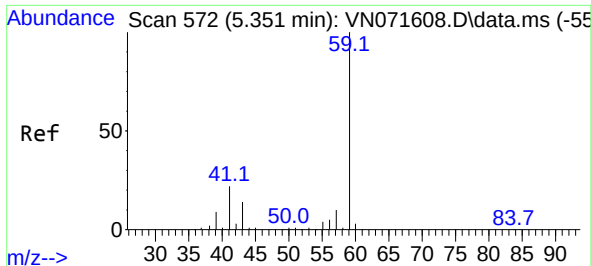
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#10
Methyl Iodide
Concen: 0.343 ug/l
RT: 4.428 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

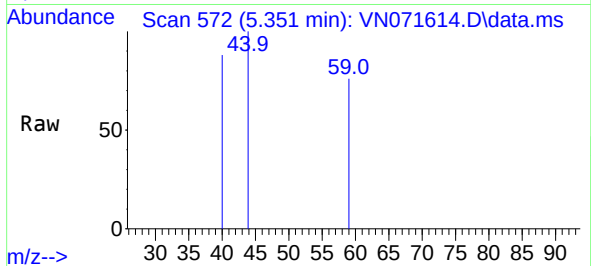
Tgt Ion:142 Resp: 3185
Ion Ratio Lower Upper
142 100
127 22.4 31.3 46.9#
141 7.9 11.2 16.8#





#11
Tert butyl alcohol
Concen: 0.628 ug/l
RT: 5.351 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

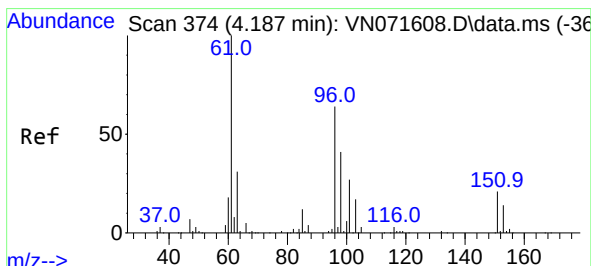
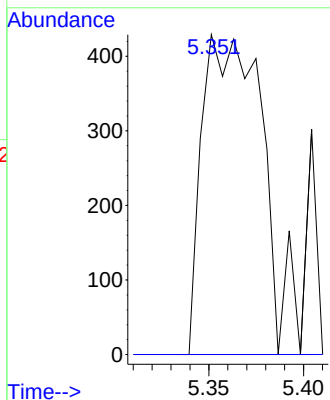
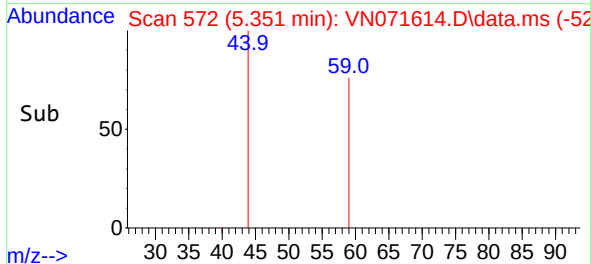
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



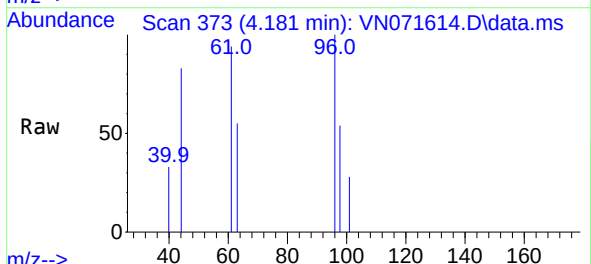
Tgt Ion: 59 Resp: 902
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5

Manual Integrations
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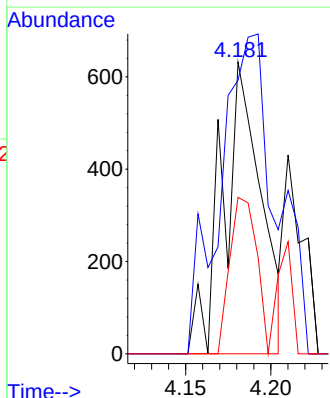
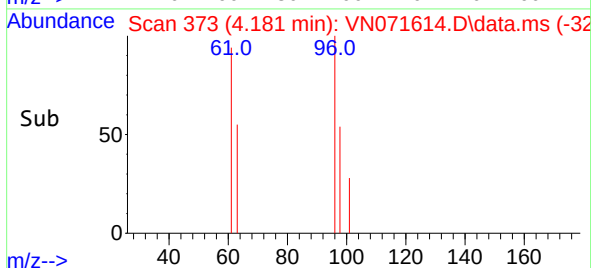
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

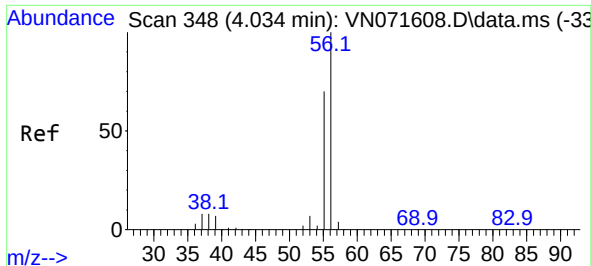


#12
1,1-Dichloroethene
Concen: 0.163 ug/l
RT: 4.181 min Scan# 373
Delta R.T. -0.006 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57



Tgt Ion: 96 Resp: 990
Ion Ratio Lower Upper
96 100
61 93.8 127.6 191.4#
98 53.6 51.2 76.8





#13

Acrolein

Concen: 1.446 ug/l

RT: 4.045 min Scan# 348

Delta R.T. 0.012 min

Lab File: VN071614.D

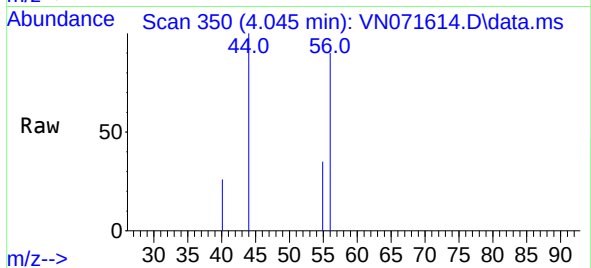
Acq: 28 Mar 2022 19:57

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2022



Tgt Ion: 56 Resp: 173

Ion Ratio Lower Upper

56 100

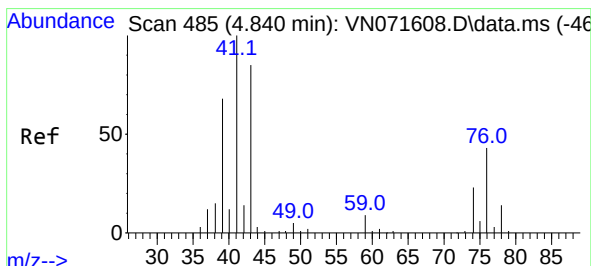
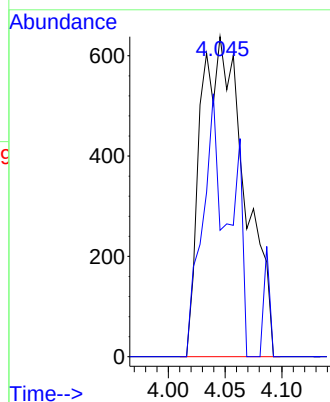
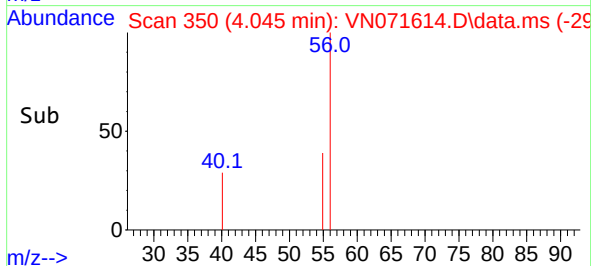
55 41.4 54.8 82.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2022

Supervised By :Mahesh Dadoda 03/30/2022



#14

Allyl chloride

Concen: 0.169 ug/l

RT: 4.840 min Scan# 485

Delta R.T. -0.000 min

Lab File: VN071614.D

Acq: 28 Mar 2022 19:57

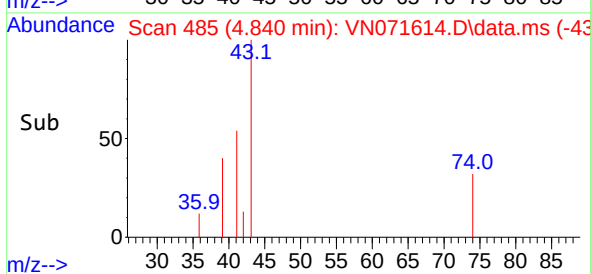
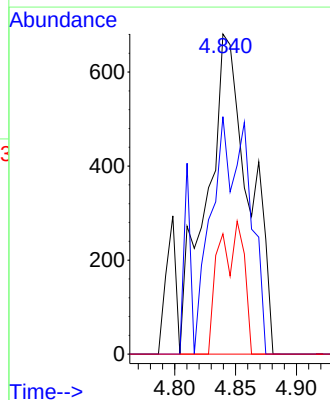
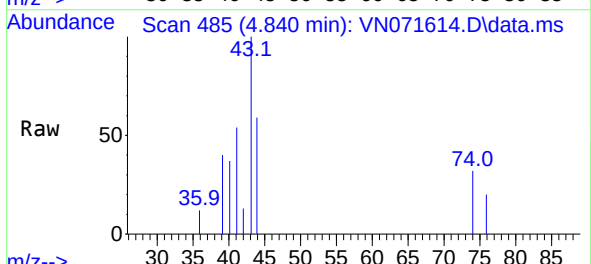
Tgt Ion: 41 Resp: 1646

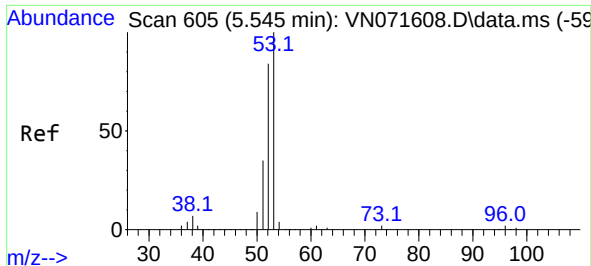
Ion Ratio Lower Upper

41 100

39 65.6 53.2 79.8

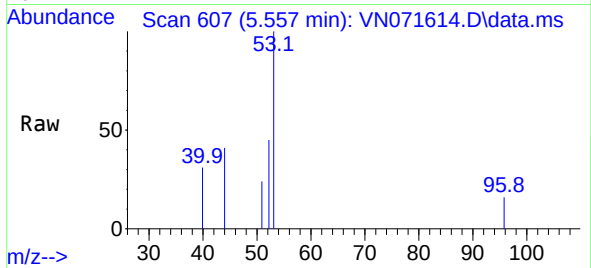
76 24.2 29.9 44.9





#15
Acrylonitrile
Concen: 1.038 ug/l
RT: 5.557 min Scan# 605
Delta R.T. 0.012 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

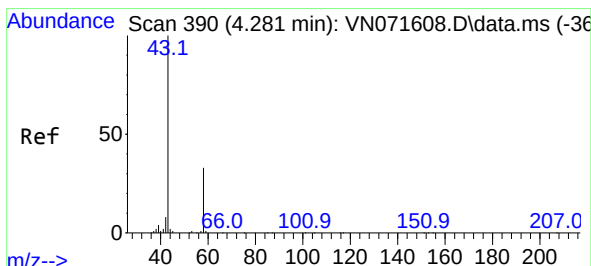
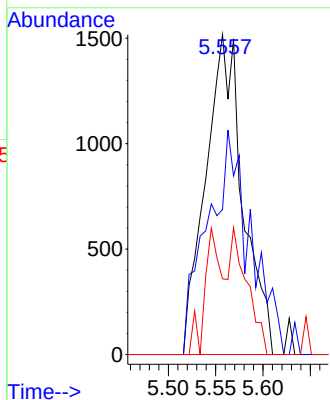
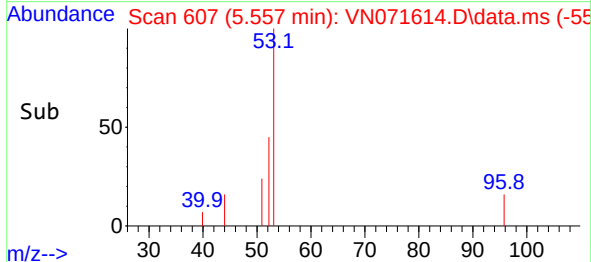
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



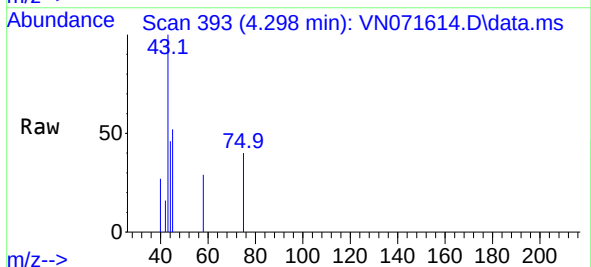
Tgt Ion: 53 Resp: 4164
Ion Ratio Lower Upper
53 100
52 80.1 66.4 99.6
51 17.1 28.5 42.7

Manual Integrations
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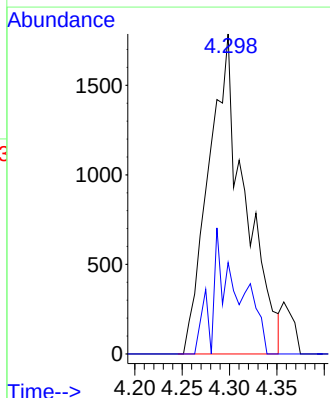
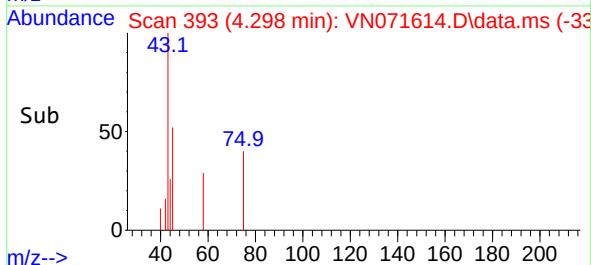
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

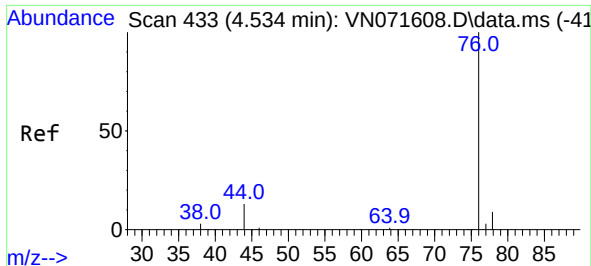


#16
Acetone
Concen: 1.422 ug/l
RT: 4.298 min Scan# 393
Delta R.T. 0.018 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57



Tgt Ion: 43 Resp: 4771
Ion Ratio Lower Upper
43 100
58 28.5 26.0 39.0





#17

Carbon Disulfide

Concen: 0.326 ug/l

RT: 4.534 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN071614.D

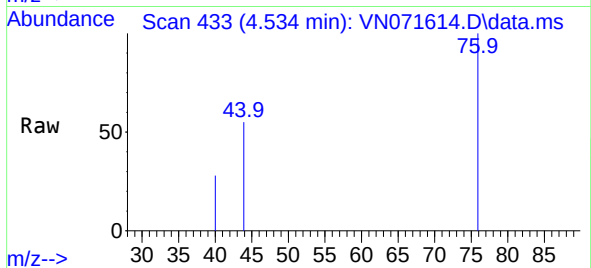
Acq: 28 Mar 2022 19:57

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2022



Tgt Ion: 76 Resp: 495

Ion Ratio Lower Upper

76 100

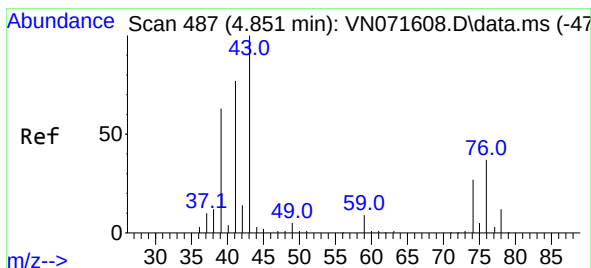
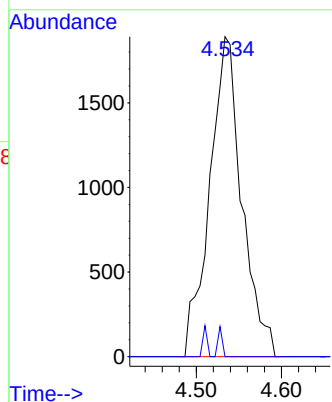
78 0.0 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2022

Supervised By :Mahesh Dadoda 03/30/2022



#18

Methyl Acetate

Concen: 0.828 ug/l

RT: 4.851 min Scan# 487

Delta R.T. 0.000 min

Lab File: VN071614.D

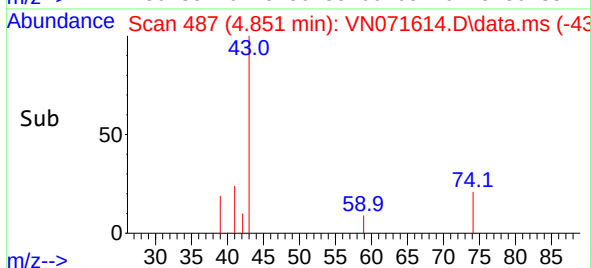
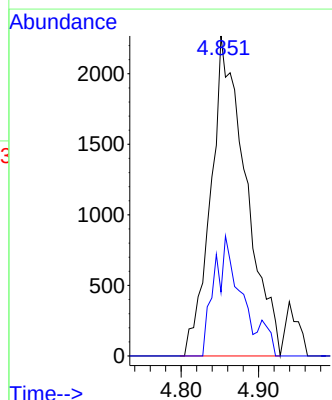
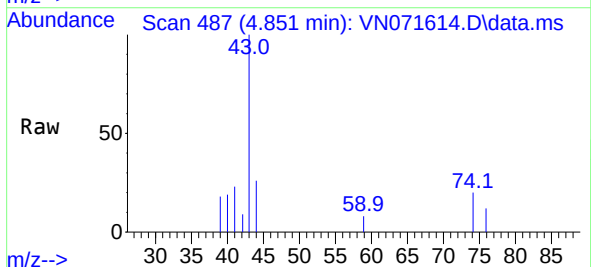
Acq: 28 Mar 2022 19:57

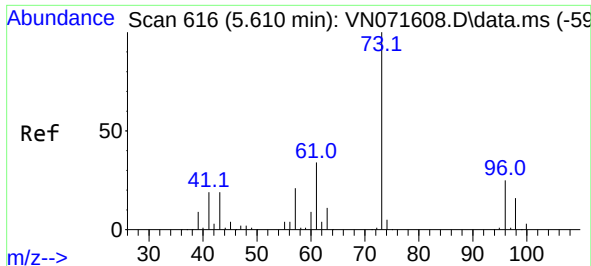
Tgt Ion: 43 Resp: 7125

Ion Ratio Lower Upper

43 100

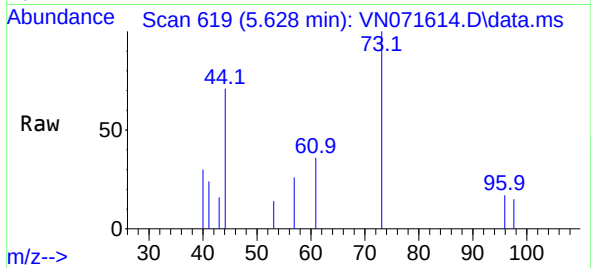
74 27.3 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 0.187 ug/l
RT: 5.628 min Scan# 616
Delta R.T. 0.018 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

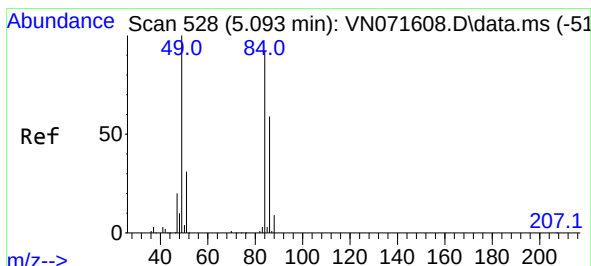
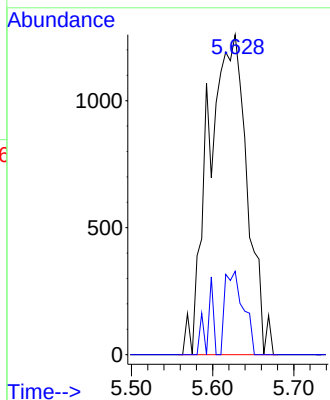
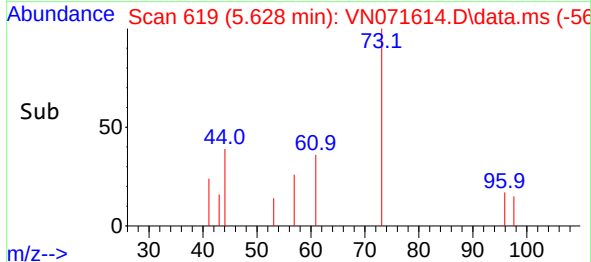
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



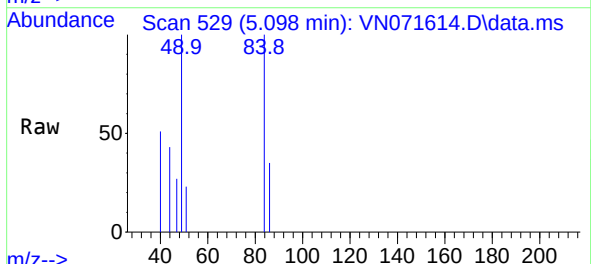
Tgt Ion: 73 Resp: 4169
Ion Ratio Lower Upper
73 100
57 26.0 17.6 26.4

Manual Integrations
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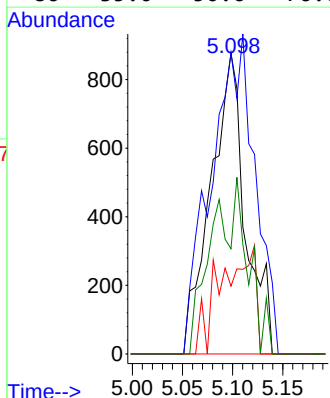
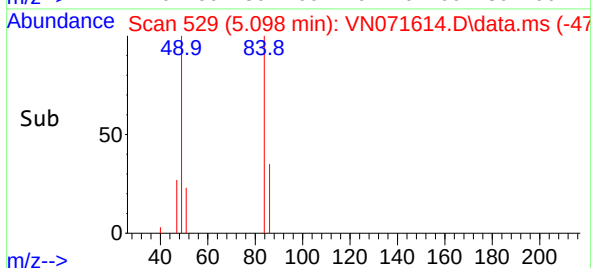
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

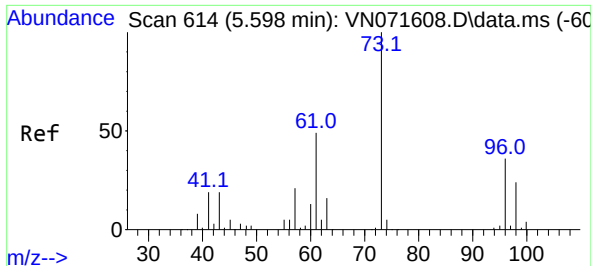


#20
Methylene Chloride
Concen: 0.285 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.005 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57



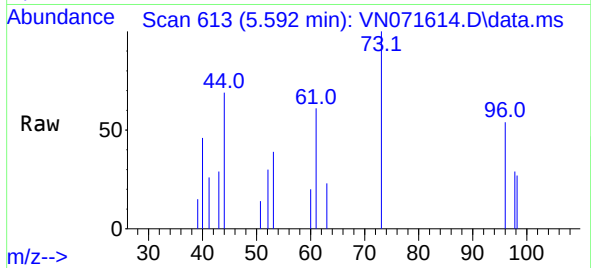
Tgt Ion: 84 Resp: 2111
Ion Ratio Lower Upper
84 100
49 100.2 88.3 132.5
51 22.6 28.2 42.2#
86 35.0 50.6 76.0#





#21
trans-1,2-Dichloroethene
Concen: 0.249 ug/l
RT: 5.592 min Scan# 614
Delta R.T. -0.006 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

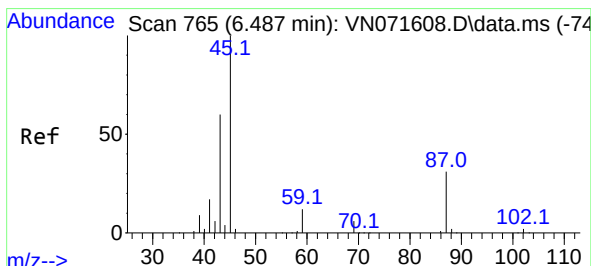
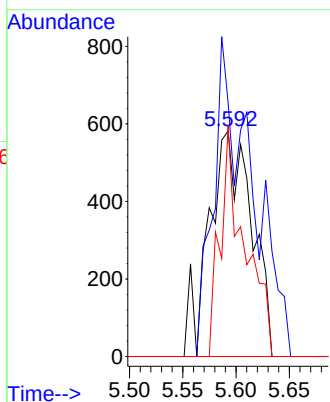
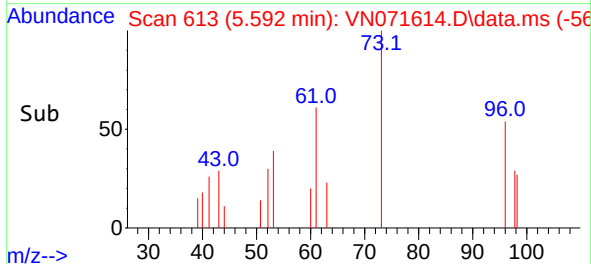
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



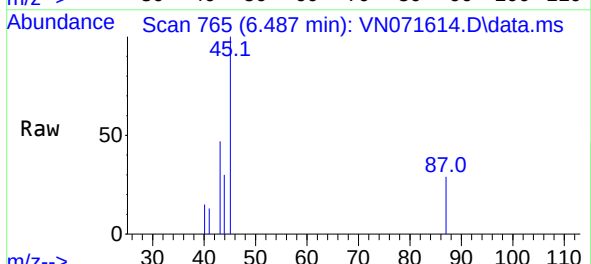
Tgt Ion: 96 Resp: 162
Ion Ratio Lower Upper
96 100
61 112.5 105.8 158.8
98 102.4 50.3 75.5

Manual Integrations
APPROVED

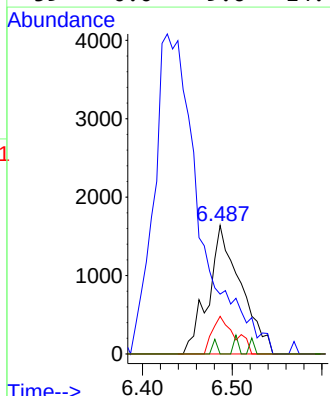
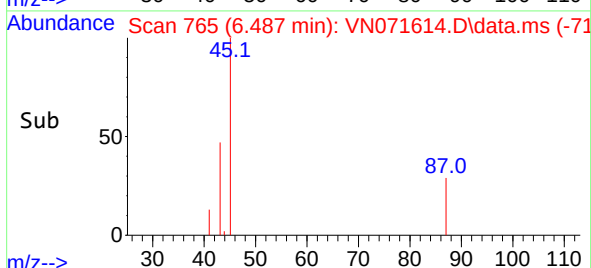
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

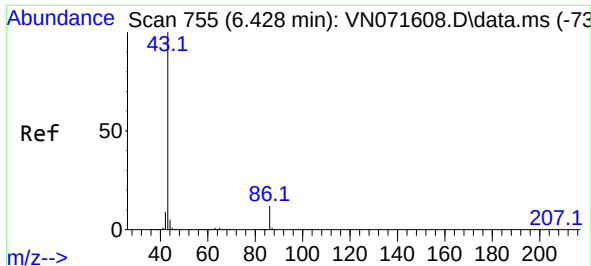


#22
Diisopropyl ether
Concen: 0.197 ug/l
RT: 6.487 min Scan# 765
Delta R.T. -0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57



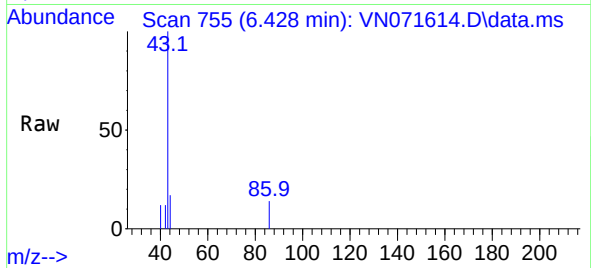
Tgt Ion: 45 Resp: 4099
Ion Ratio Lower Upper
45 100
43 46.6 46.6 70.0#
87 29.2 24.3 36.5
59 0.0 9.6 14.4#





#23
 Vinyl Acetate
 Concen: 0.829 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.000 min
 Lab File: VN071614.D
 Acq: 28 Mar 2022 19:57

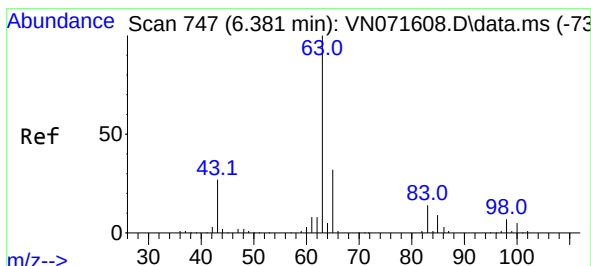
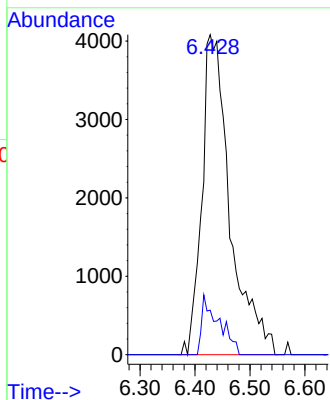
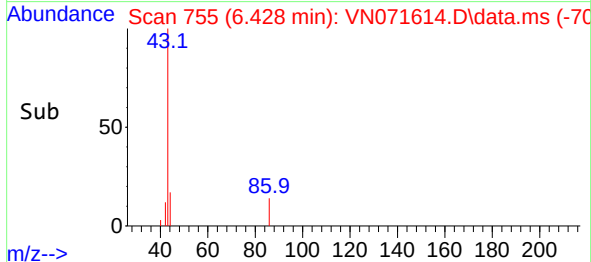
Instrument : MSVOA_N
 ClientSampleId : LOD-MDL-WATER-01-QT1-2022



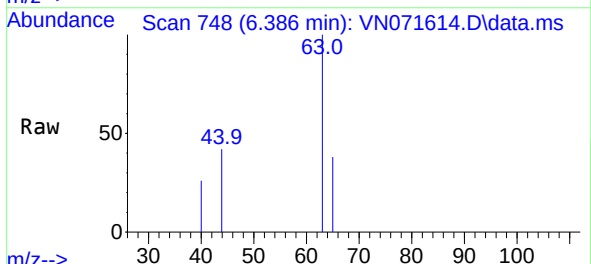
Tgt Ion: 43 Resp: 14520
 Ion Ratio Lower Upper
 43 100
 86 13.9 10.0 15.0

Manual Integrations
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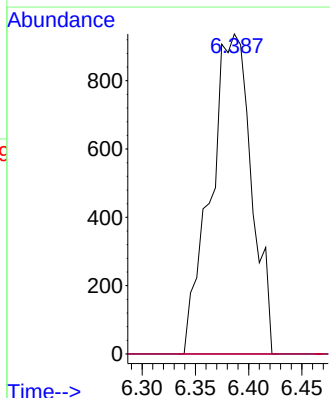
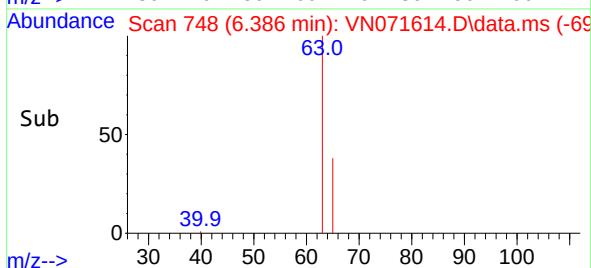
Reviewed By :John Carlone 03/29/2022
 Supervised By :Mahesh Dadoda 03/30/2022

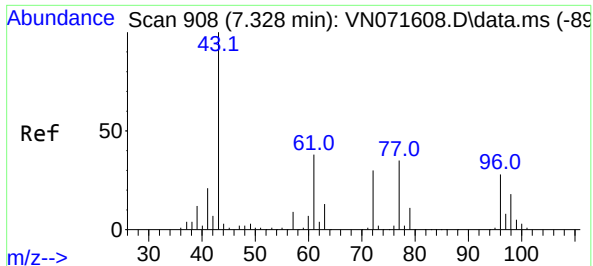


#24
 1,1-Dichloroethane
 Concen: 0.202 ug/l
 RT: 6.386 min Scan# 748
 Delta R.T. 0.006 min
 Lab File: VN071614.D
 Acq: 28 Mar 2022 19:57



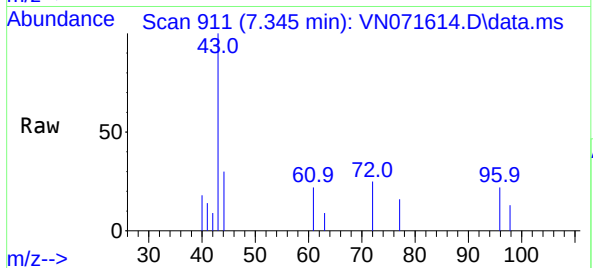
Tgt Ion: 63 Resp: 2499
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.5 10.4#
 100 0.0 2.3 6.8#





#25
2-Butanone
Concen: 1.169 ug/l
RT: 7.345 min Scan# 911
Delta R.T. 0.018 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

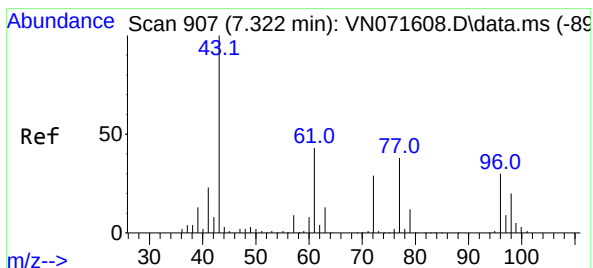
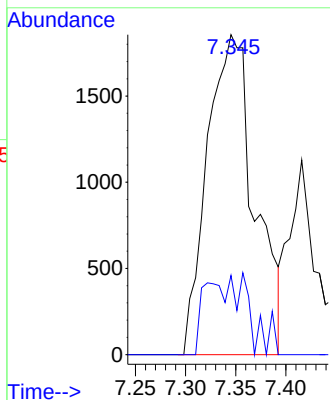
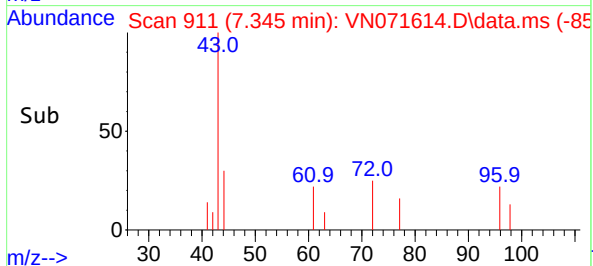
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



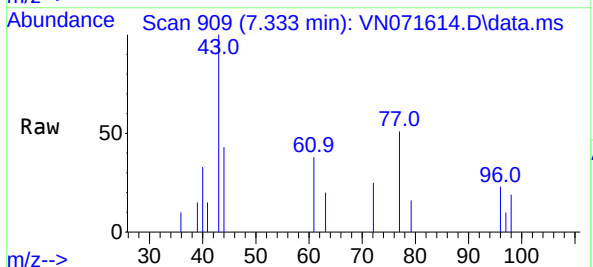
Tgt Ion: 43 Resp: 610
Ion Ratio Lower Upper
43 100
72 24.7 23.7 35.5

Manual Integrations
APPROVED

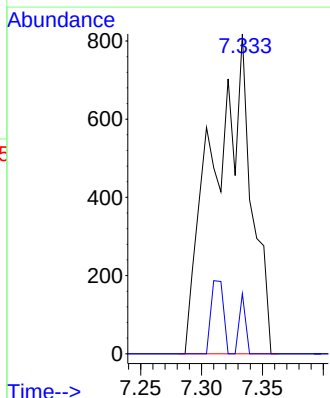
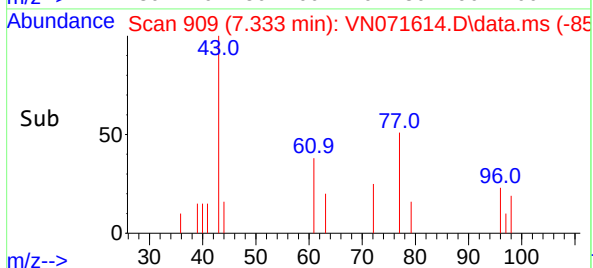
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

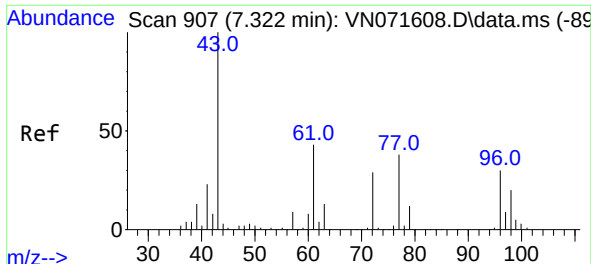


#26
2,2-Dichloropropane
Concen: 0.166 ug/l
RT: 7.333 min Scan# 909
Delta R.T. 0.012 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57



Tgt Ion: 77 Resp: 1770
Ion Ratio Lower Upper
77 100
97 3.1 11.4 34.2#





#27

cis-1,2-Dichloroethene

Concen: 0.224 ug/l

RT: 7.310 min Scan# 907

Delta R.T. -0.012 min

Lab File: VN071614.D

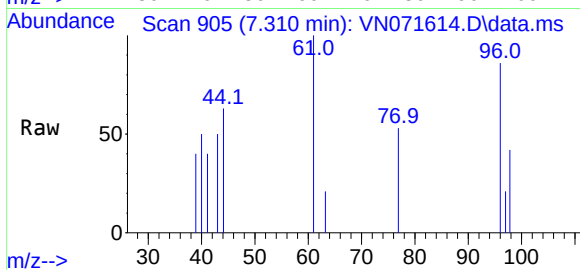
Acq: 28 Mar 2022 19:57

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2022



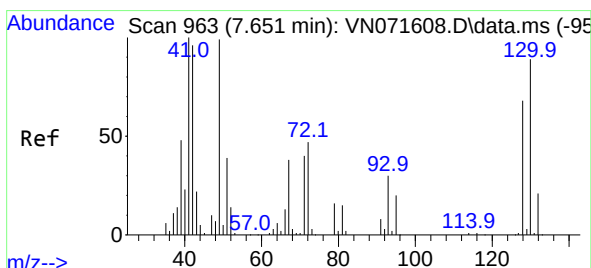
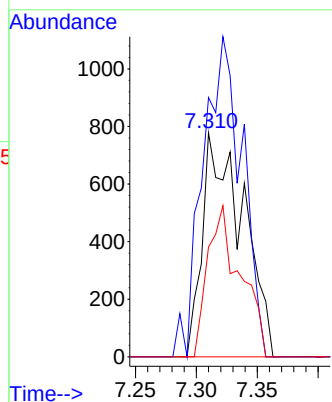
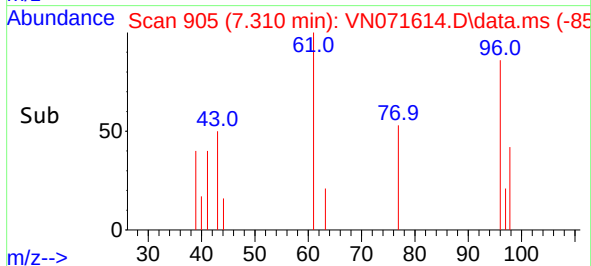
Tgt Ion: 96	Resp: 1794
Ion Ratio	Lower Upper
96 100	
61 139.0	0.0 280.6
98 54.5	0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2022

Supervised By :Mahesh Dadoda 03/30/2022



#28

Bromochloromethane

Concen: 0.171 ug/l

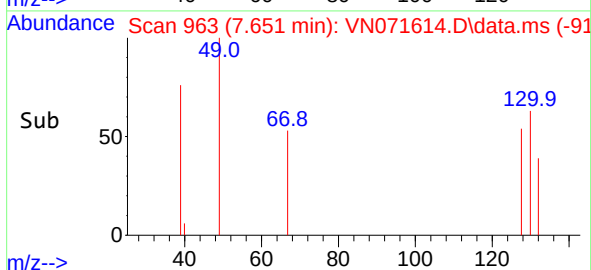
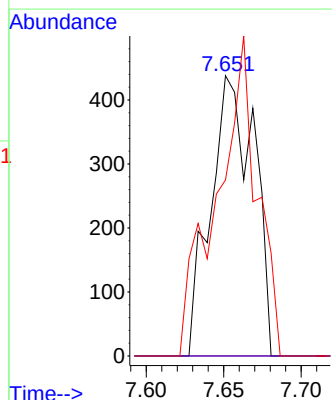
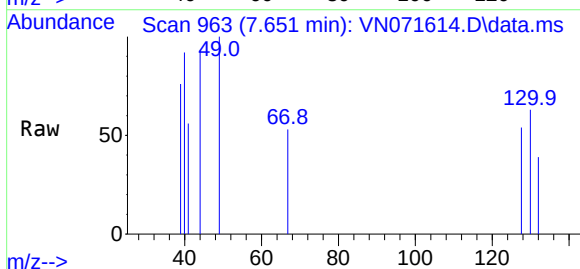
RT: 7.651 min Scan# 963

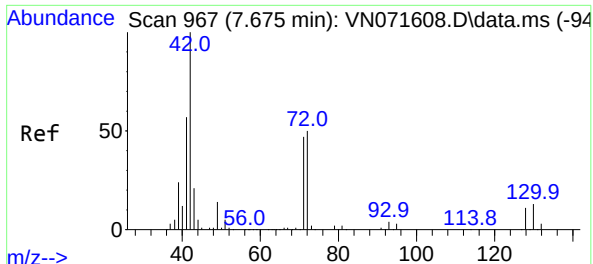
Delta R.T. -0.000 min

Lab File: VN071614.D

Acq: 28 Mar 2022 19:57

Tgt Ion: 49	Resp: 856
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 4.6
130 105.3	69.7 104.5#





#29

Tetrahydrofuran

Concen: 1.166 ug/l

RT: 7.692 min Scan# 91

Delta R.T. 0.018 min

Lab File: VN071614.D

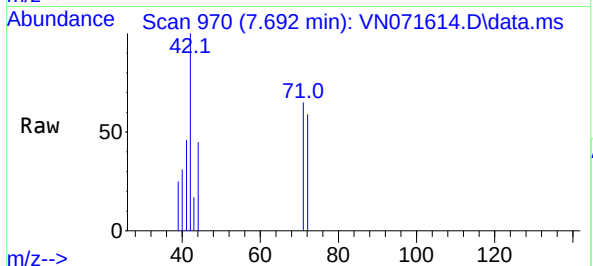
Acq: 28 Mar 2022 19:57

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2022



Tgt Ion: 42 Resp: 395

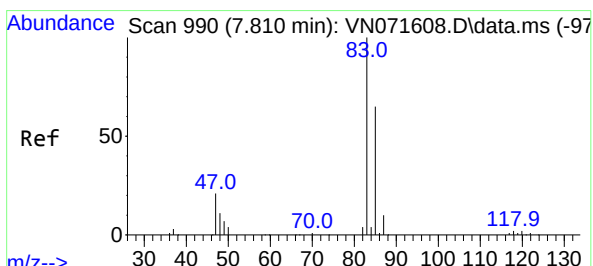
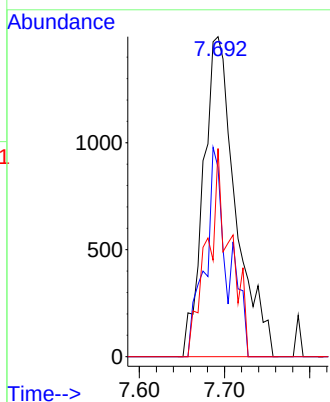
Ion	Ratio	Lower	Upper
42	100		
72	35.6	39.7	59.5
71	46.2	36.6	55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2022

Supervised By :Mahesh Dadoda 03/30/2022



#30

Chloroform

Concen: 0.214 ug/l

RT: 7.816 min Scan# 991

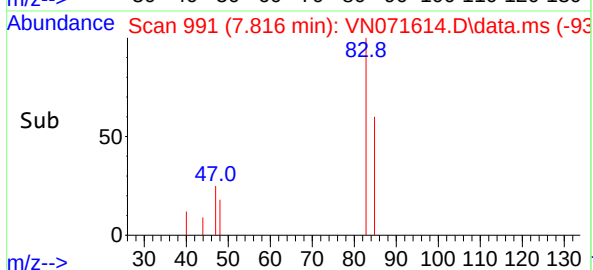
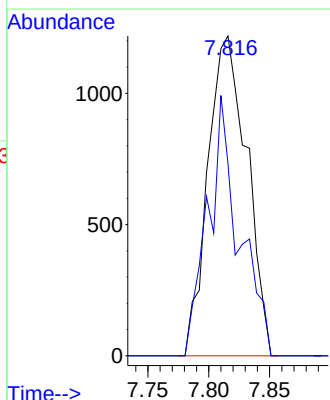
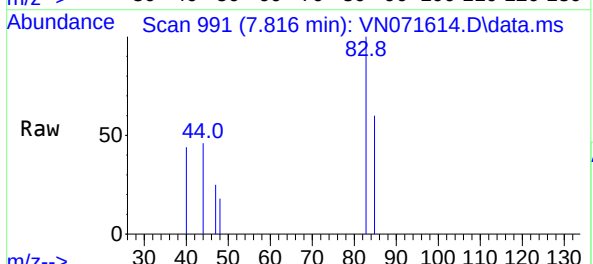
Delta R.T. 0.006 min

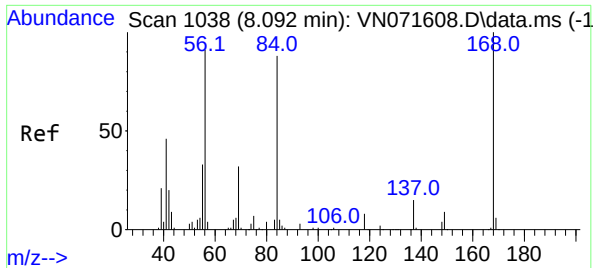
Lab File: VN071614.D

Acq: 28 Mar 2022 19:57

Tgt Ion: 83 Resp: 2709

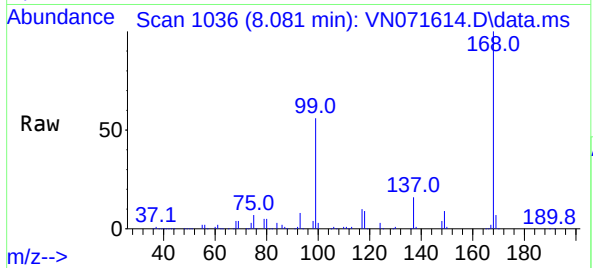
Ion	Ratio	Lower	Upper
83	100		
85	60.1	51.8	77.8





#31
Cyclohexane
Concen: 1.215 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

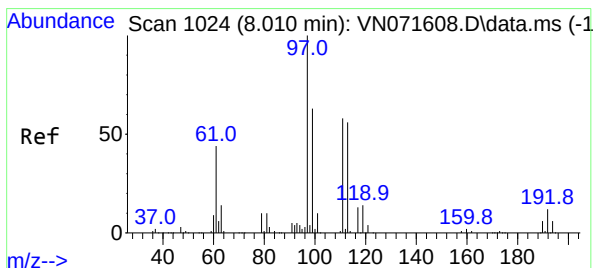
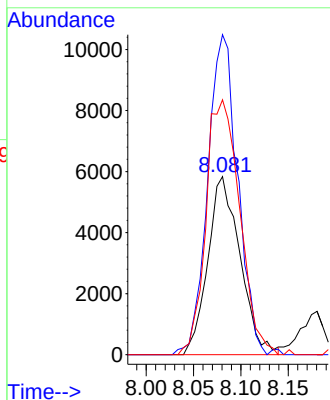
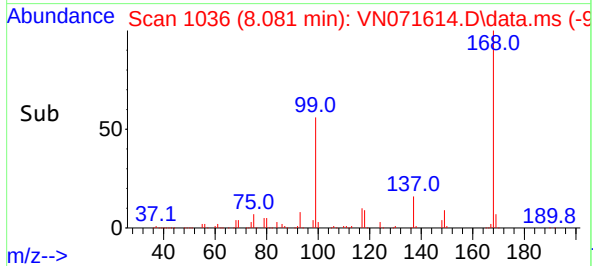
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



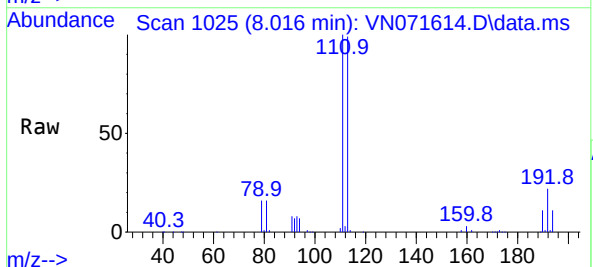
Tgt Ion: 56 Resp: 13809
Ion Ratio Lower Upper
56 100
69 176.8 27.8 41.8
84 143.1 76.9 115.3

Manual Integrations
APPROVED

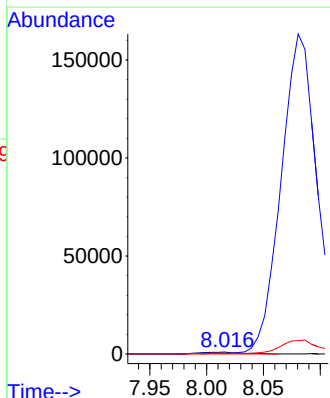
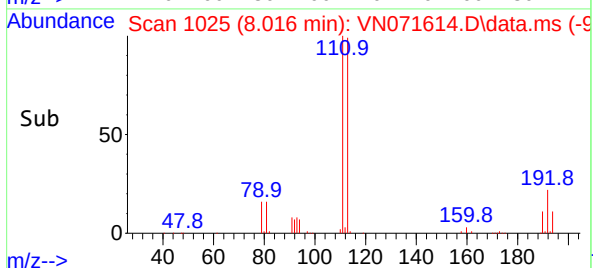
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

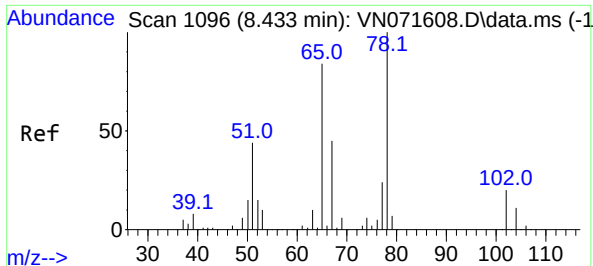


#32
1,1,1-Trichloroethane
Concen: 0.196 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.006 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57



Tgt Ion: 97 Resp: 2153
Ion Ratio Lower Upper
97 100
99 0.0 50.6 76.0#
61 36.2 36.0 54.0





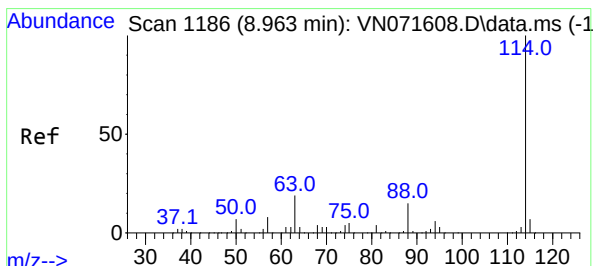
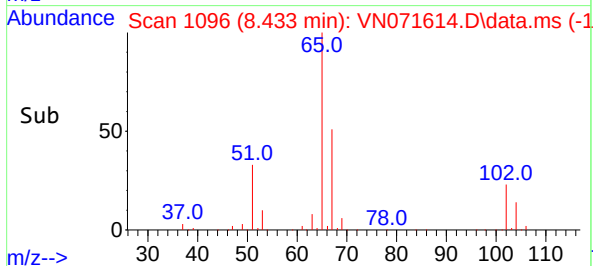
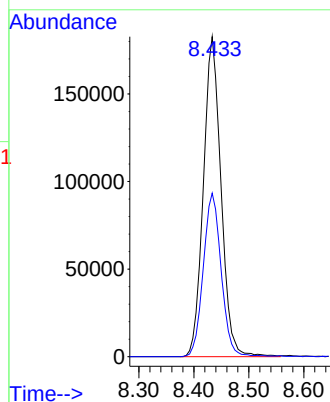
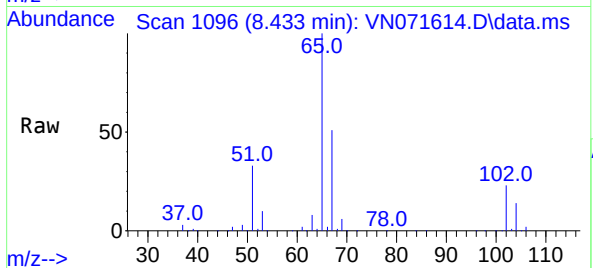
#33
1,2-Dichloroethane-d4
Concen: 50.143 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

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

Tgt Ion: 65 Resp: 407960
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.8

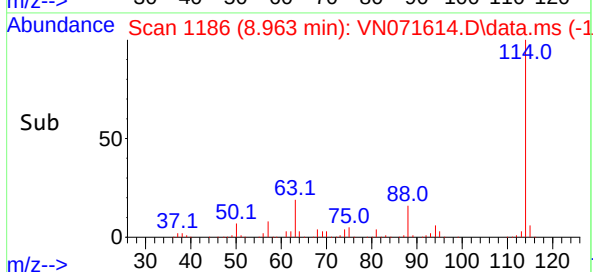
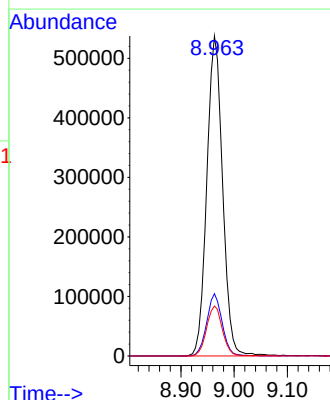
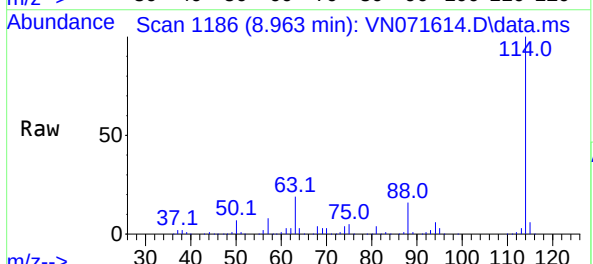
Manual Integrations
APPROVED

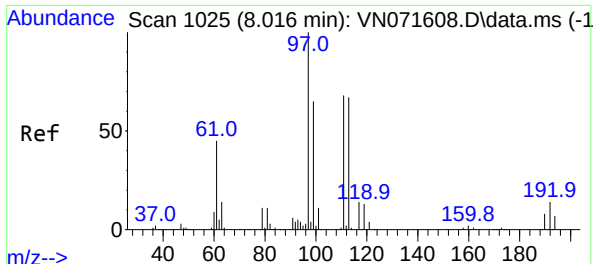
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

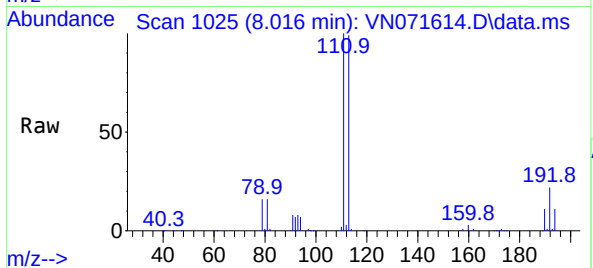
Tgt Ion:114 Resp: 1104599
Ion Ratio Lower Upper
114 100
63 19.4 0.0 40.0
88 15.6 0.0 32.6





#35
Dibromofluoromethane
Concen: 47.022 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

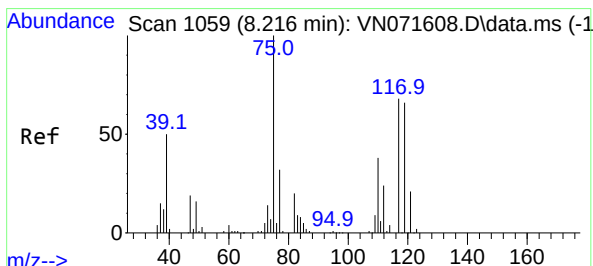
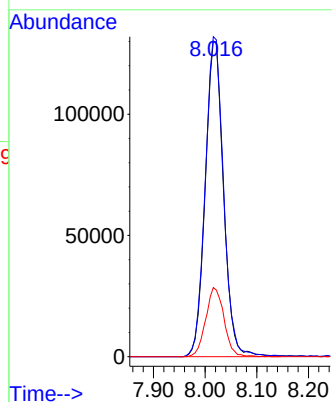
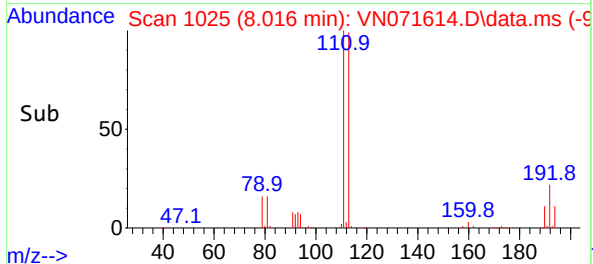
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2022



Tgt Ion: 113 Resp: 31899
Ion Ratio Lower Upper
113 100
111 101.8 81.4 122.0
192 21.9 17.0 25.6

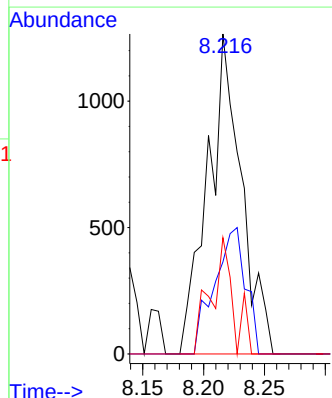
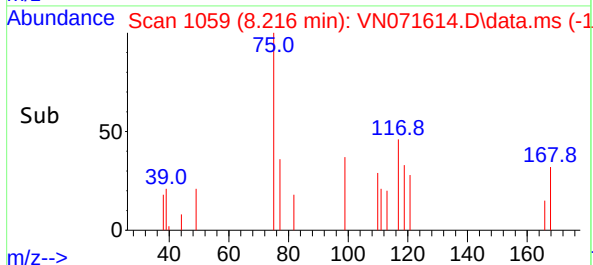
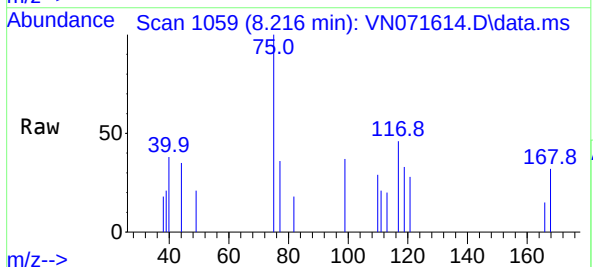
Manual Integrations
APPROVED

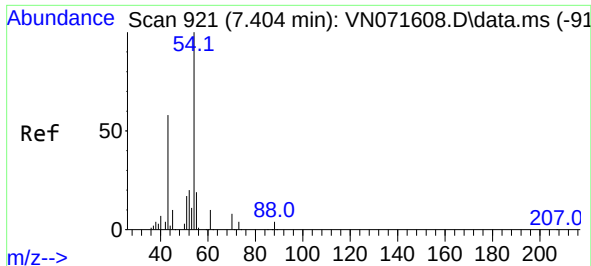
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#36
1,1-Dichloropropene
Concen: 0.250 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

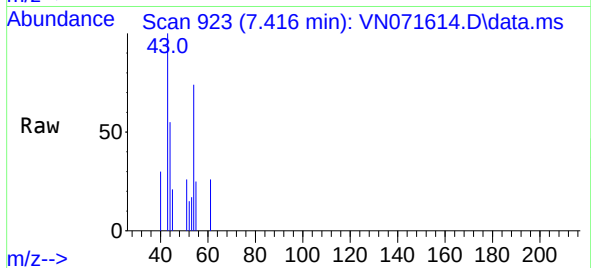
Tgt Ion: 75 Resp: 2437
Ion Ratio Lower Upper
75 100
110 36.6 18.3 54.8
77 24.1 25.1 37.7#





#37
Ethyl Acetate
Concen: 0.215 ug/l
RT: 7.416 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

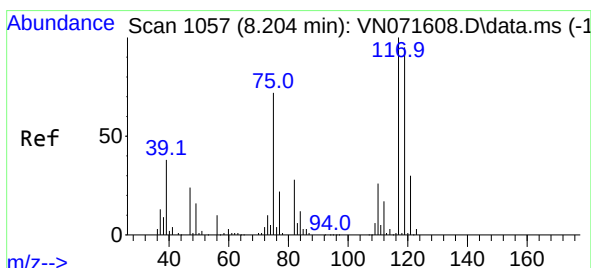
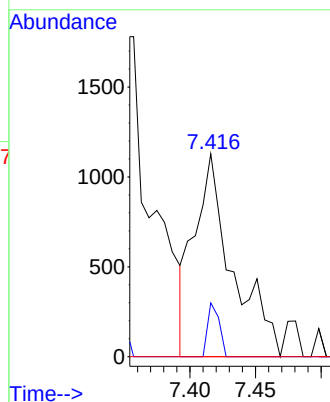
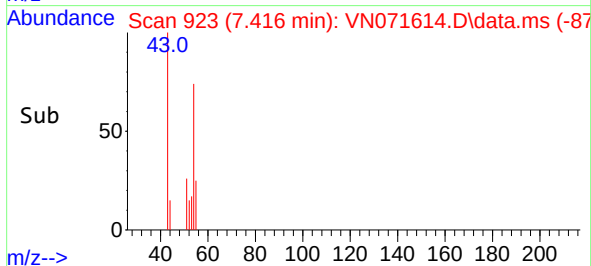
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



Tgt Ion: 43 Resp: 229
Ion Ratio Lower Upper
43 100
61 8.0 11.8 17.6
70 0.0 9.3 13.9

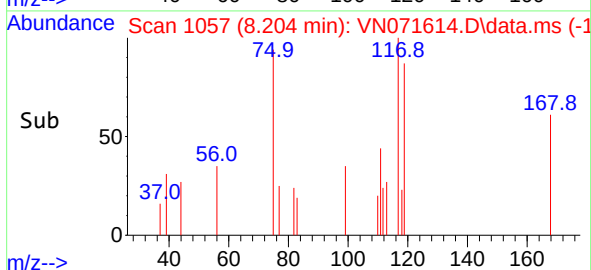
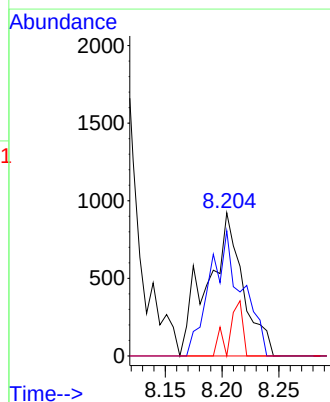
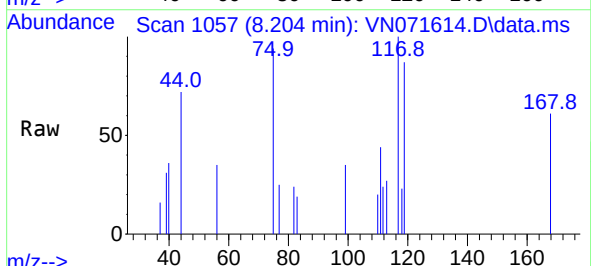
Manual Integrations
APPROVED

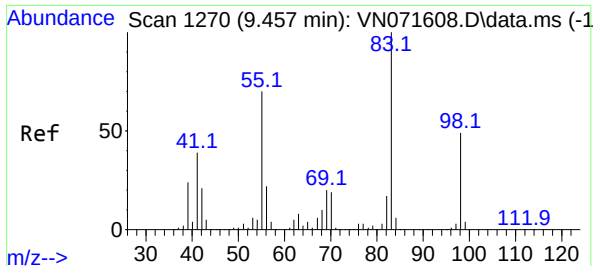
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#38
Carbon Tetrachloride
Concen: 0.209 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

Tgt Ion:117 Resp: 2020
Ion Ratio Lower Upper
117 100
119 87.3 75.8 113.8
121 0.0 24.6 37.0





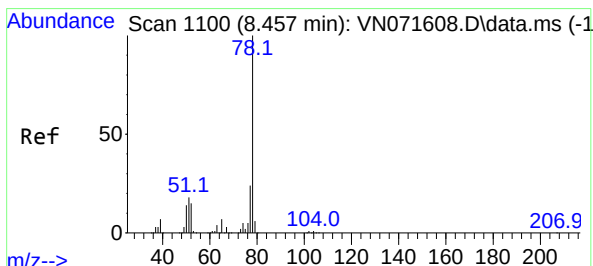
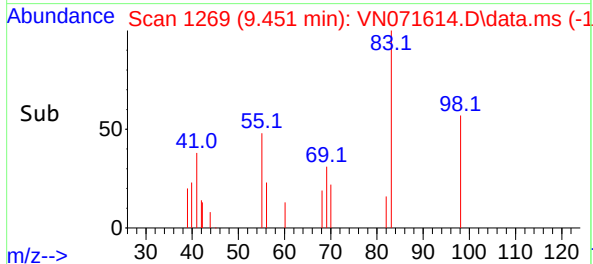
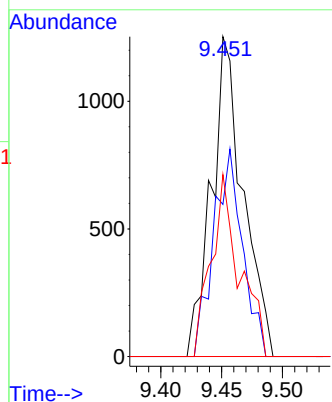
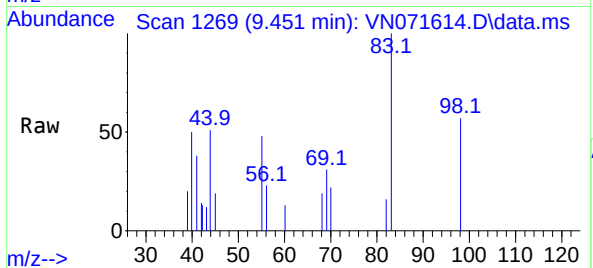
#39
Methylcyclohexane
Concen: 0.188 ug/l
RT: 9.451 min Scan# 1100
Delta R.T. -0.006 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

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

Tgt Ion: 83 Resp: 227
Ion Ratio Lower Upper
83 100
55 47.6 57.8 86.8
98 56.9 39.4 59.2

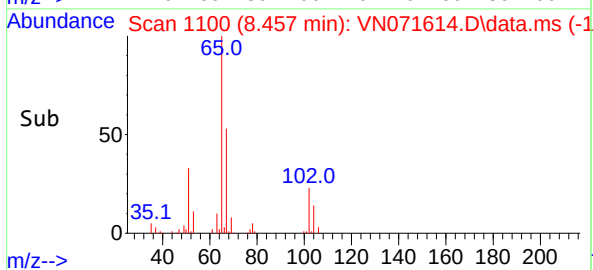
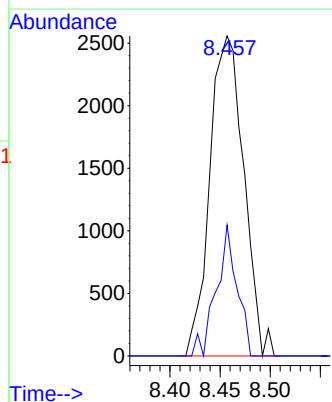
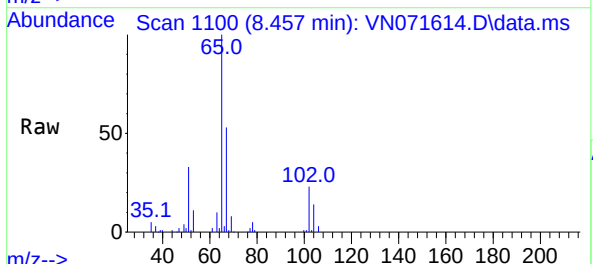
Manual Integrations
APPROVED

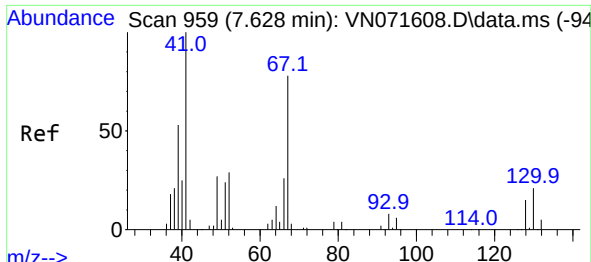
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#40
Benzene
Concen: 0.201 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

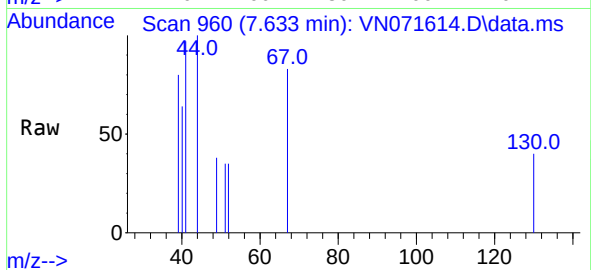
Tgt Ion: 78 Resp: 6025
Ion Ratio Lower Upper
78 100
77 40.9 19.4 29.0#





#41
Methacrylonitrile
Concen: 0.242 ug/l
RT: 7.633 min Scan# 910
Delta R.T. 0.006 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

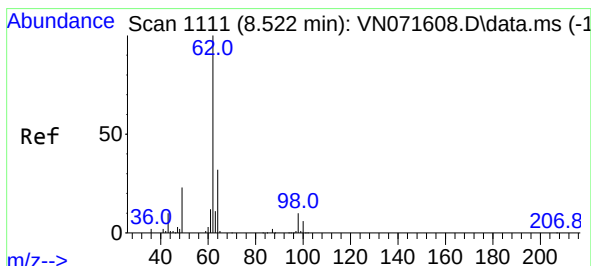
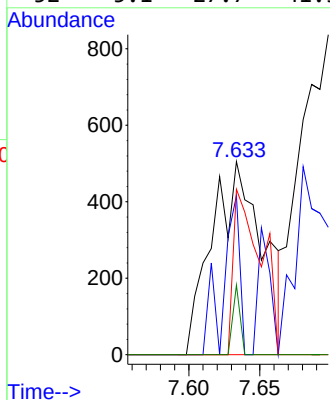
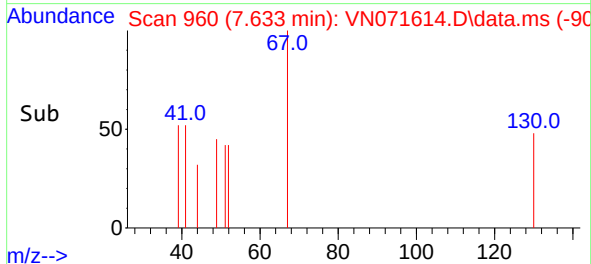
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



Tgt Ion: 41 Resp: 1250
Ion Ratio Lower Upper
41 100
39 27.1 48.6 73.0
67 46.1 73.4 110.2
52 5.1 27.7 41.5

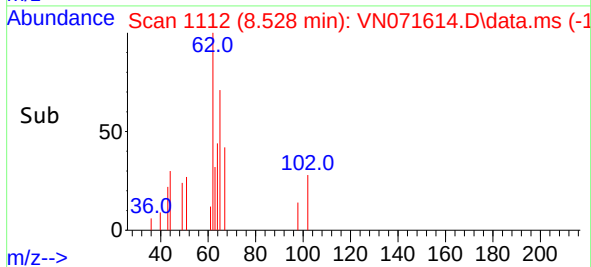
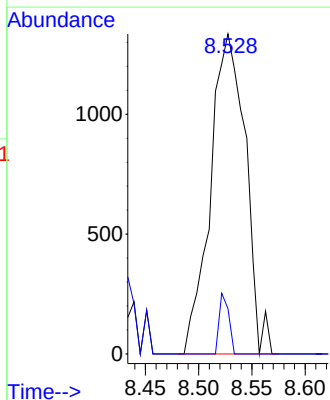
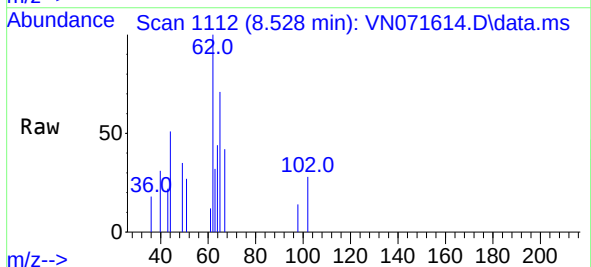
Manual Integrations
APPROVED

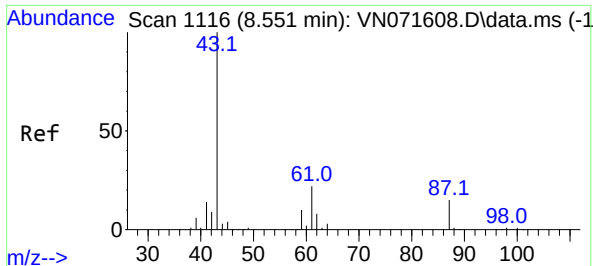
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#42
1,2-Dichloroethane
Concen: 0.295 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

Tgt Ion: 62 Resp: 3055
Ion Ratio Lower Upper
62 100
98 5.1 0.0 19.4





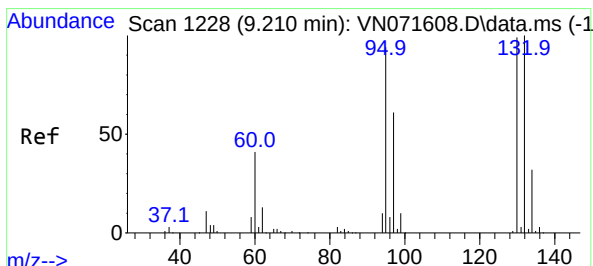
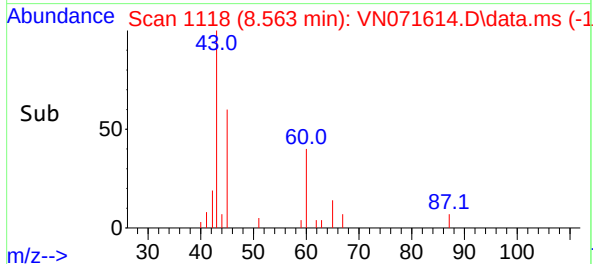
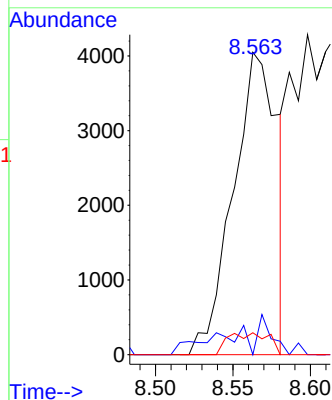
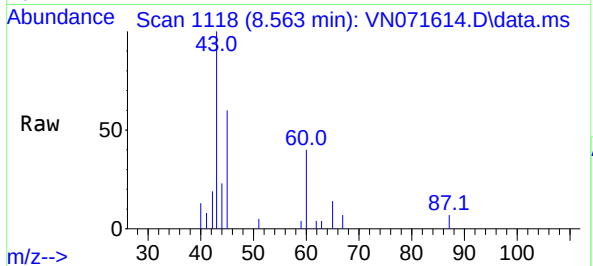
#43
Isopropyl Acetate
Concen: 0.423 ug/l
RT: 8.563 min Scan# 1116
Delta R.T. 0.012 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

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

Tgt Ion: 43 Resp: 8014
Ion Ratio Lower Upper
43 100
61 4.8 21.9 32.9
87 3.2 12.0 18.0

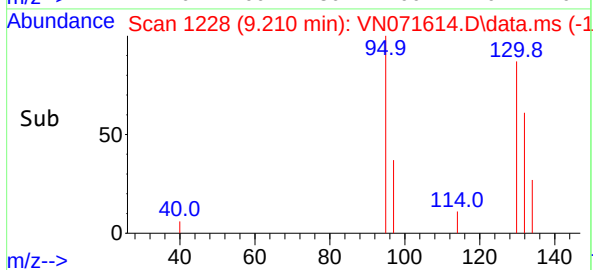
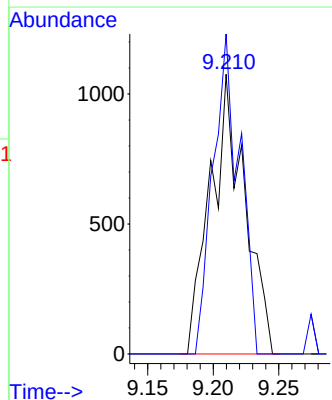
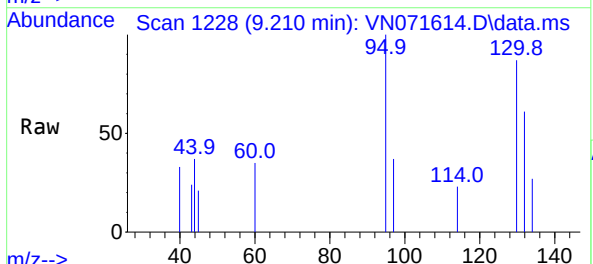
Manual Integrations
APPROVED

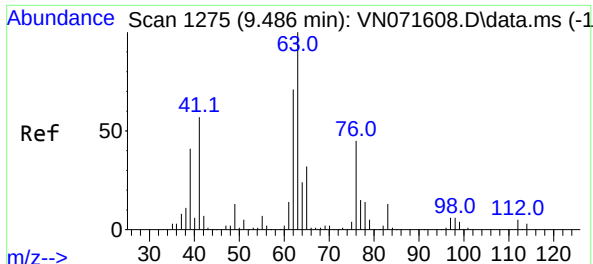
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#44
Trichloroethene
Concen: 0.248 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

Tgt Ion:130 Resp: 1953
Ion Ratio Lower Upper
130 100
95 114.4 0.0 186.8





#45

1,2-Dichloropropane

Concen: 0.189 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. -0.000 min

Lab File: VN071614.D

Acq: 28 Mar 2022 19:57

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2022

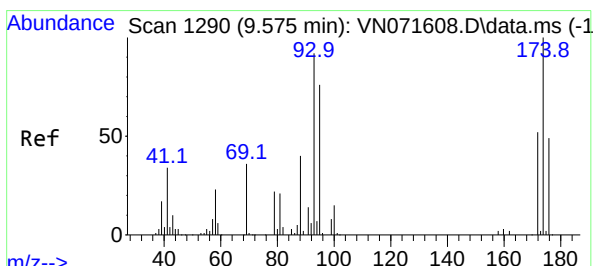
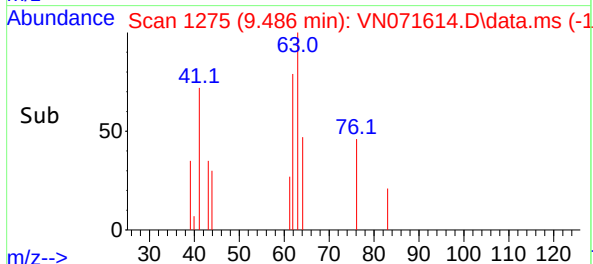
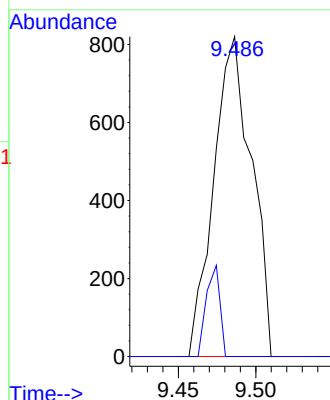
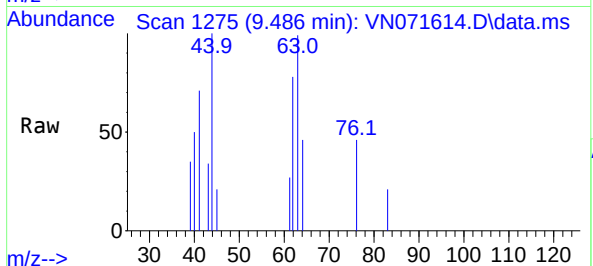
Tgt Ion: 63 Resp: 1392
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.9 37.3

Manual Integrations

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Reviewed By :John Carlone 03/29/2022

Supervised By :Mahesh Dadoda 03/30/2022



#46

Dibromomethane

Concen: 0.217 ug/l

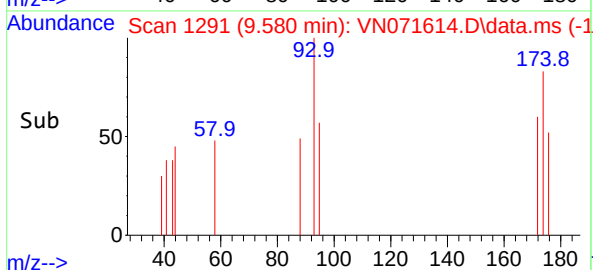
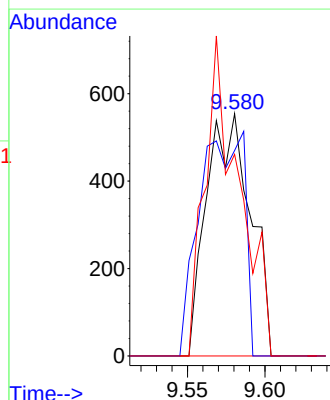
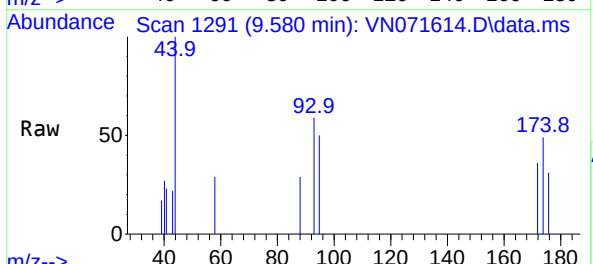
RT: 9.580 min Scan# 1291

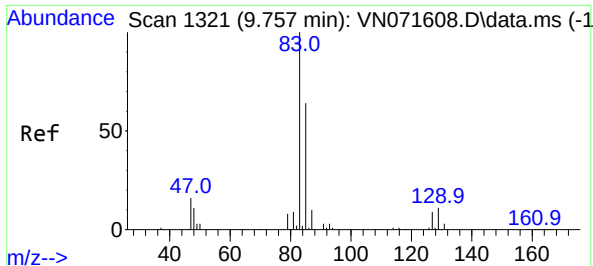
Delta R.T. 0.006 min

Lab File: VN071614.D

Acq: 28 Mar 2022 19:57

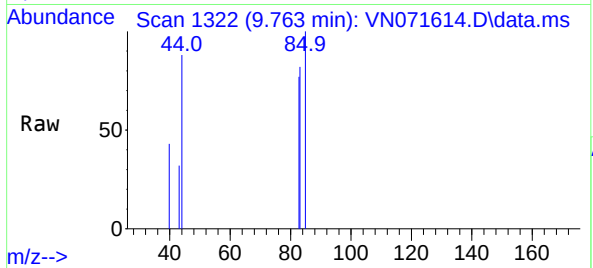
Tgt Ion: 93 Resp: 1093
 Ion Ratio Lower Upper
 93 100
 95 93.8 66.9 100.3
 174 102.3 86.6 130.0





#47
Bromodichloromethane
Concen: 0.209 ug/l
RT: 9.763 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

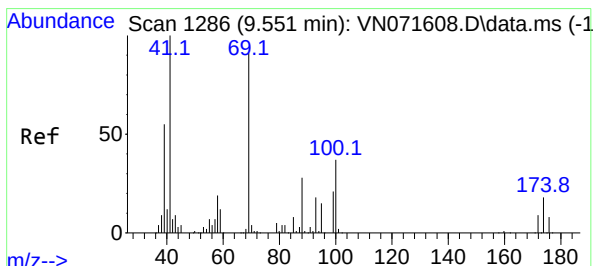
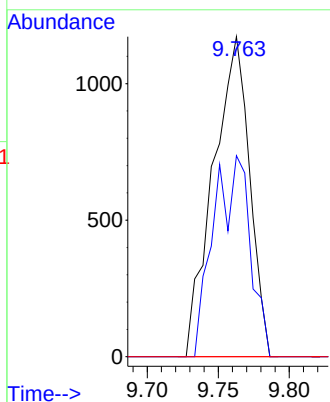
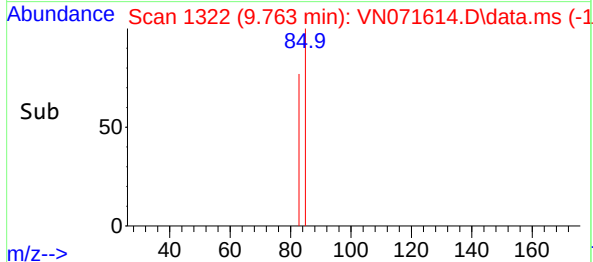
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



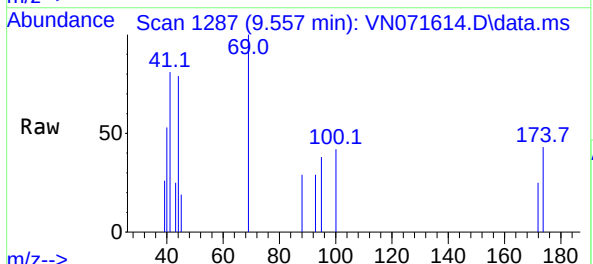
Tgt Ion: 83 Resp: 208
Ion Ratio Lower Upper
83 100
85 62.8 50.5 75.7
127 0.0 6.8 10.2

Manual Integrations
APPROVED

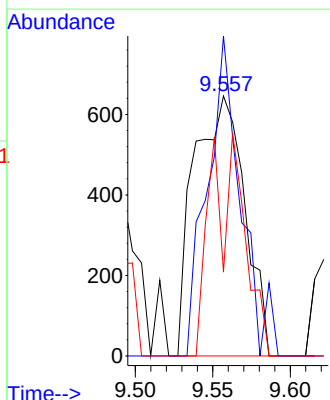
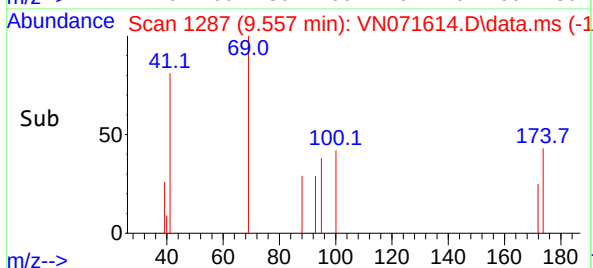
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

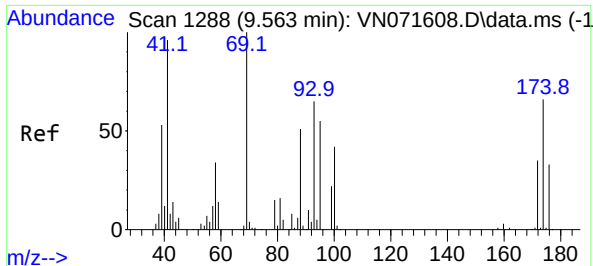


#48
Methyl methacrylate
Concen: 0.190 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57



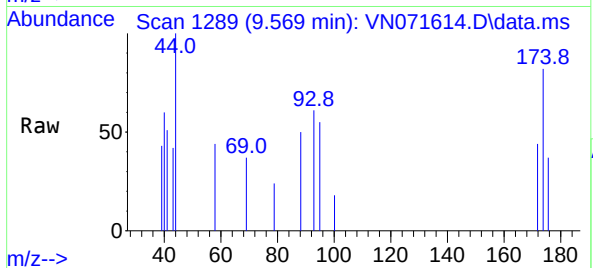
Tgt Ion: 41 Resp: 1462
Ion Ratio Lower Upper
41 100
69 81.4 74.7 112.1
39 25.9 45.6 68.4





#49
1,4-Dioxane
Concen: 5.228 ug/l
RT: 9.569 min Scan# 1288
Delta R.T. 0.006 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

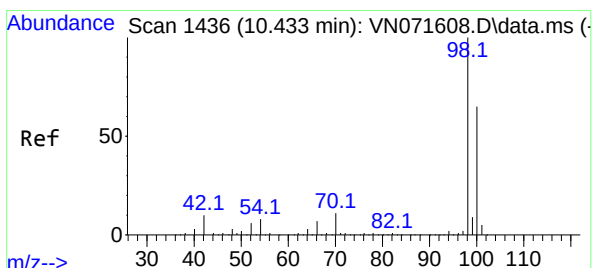
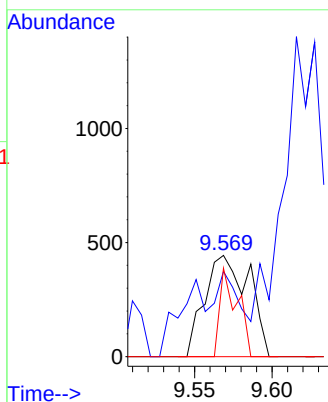
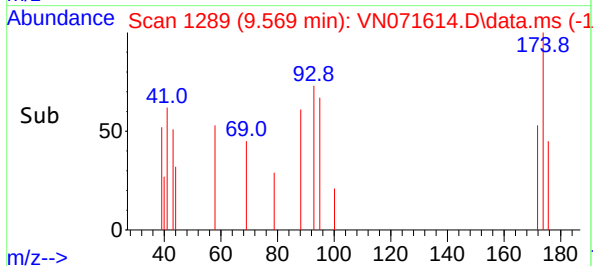
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



Tgt Ion: 88 Resp: 884
Ion Ratio Lower Upper
88 100
43 50.9 20.2 30.4
58 34.3 54.2 81.4

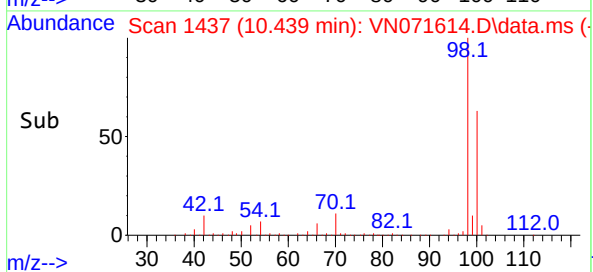
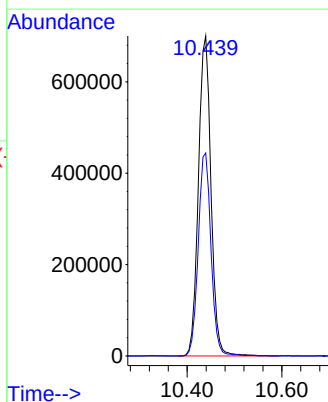
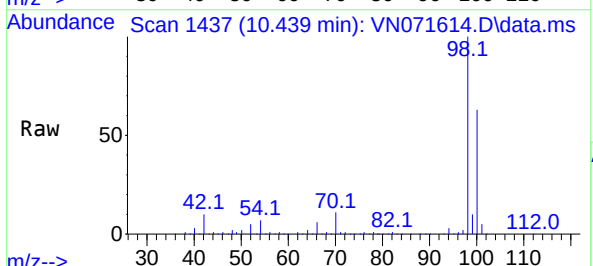
Manual Integrations
APPROVED

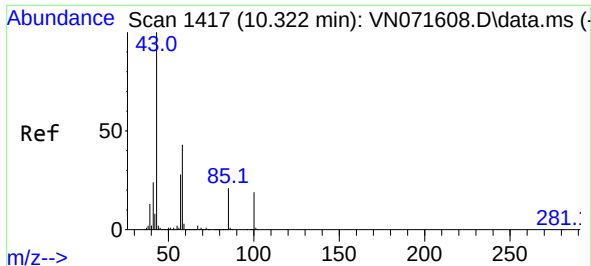
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#50
Toluene-d8
Concen: 46.046 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

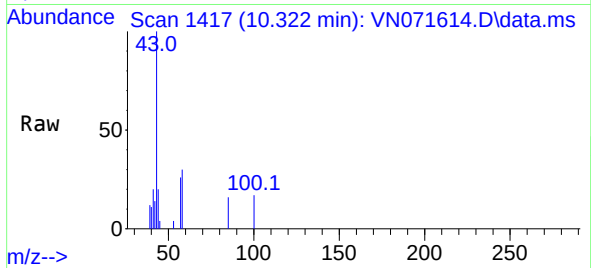
Tgt Ion: 98 Resp: 1288483
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 0.844 ug/l
RT: 10.322 min Scan# 1417
Delta R.T. -0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

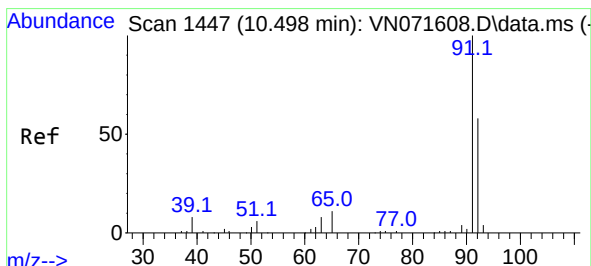
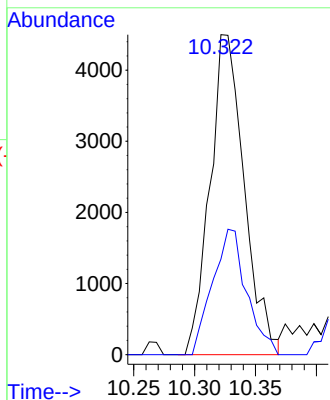
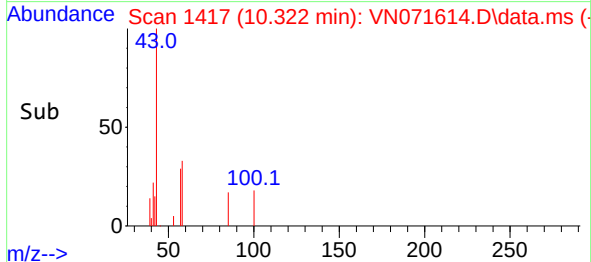
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



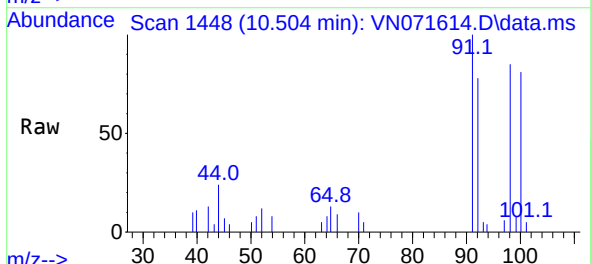
Tgt Ion: 43 Resp: 8829
Ion Ratio Lower Upper
43 100
58 38.9 34.1 51.1

Manual Integrations
APPROVED

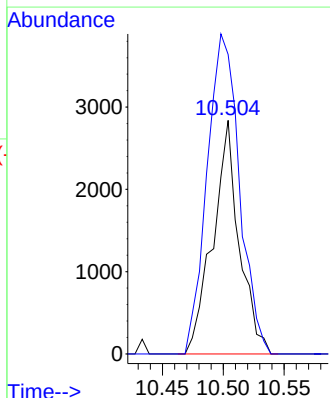
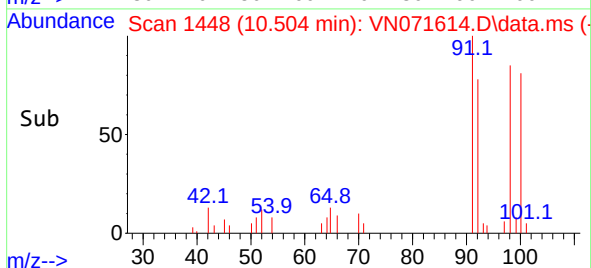
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

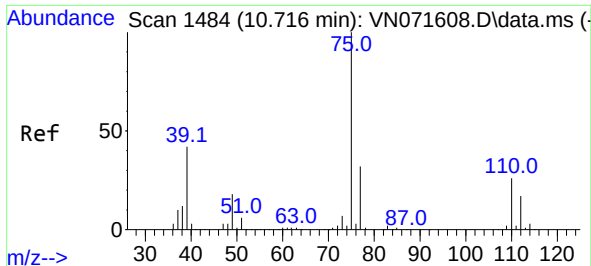


#52
Toluene
Concen: 0.223 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57



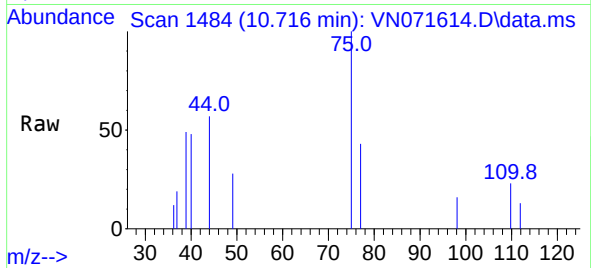
Tgt Ion: 92 Resp: 4292
Ion Ratio Lower Upper
92 100
91 167.7 138.6 207.8





#53
 t-1,3-Dichloropropene
 Concen: 0.203 ug/l
 RT: 10.716 min Scan# 1484
 Delta R.T. -0.000 min
 Lab File: VN071614.D
 Acq: 28 Mar 2022 19:57

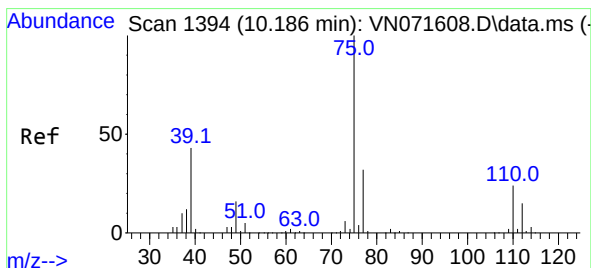
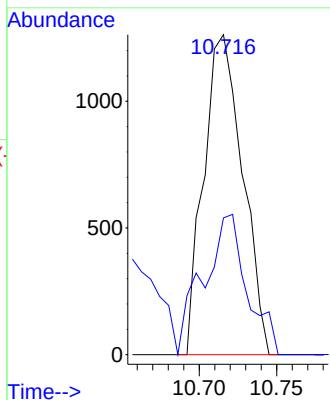
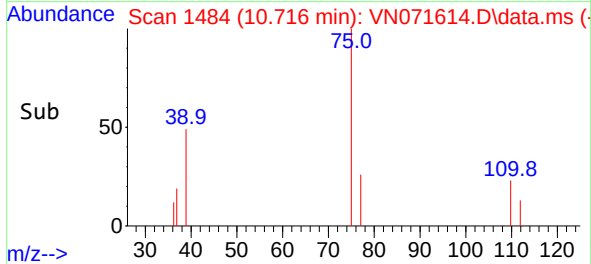
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2022



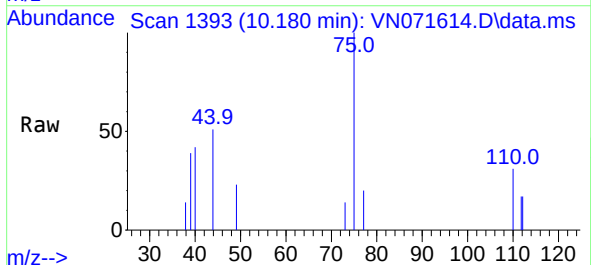
Tgt Ion: 75 Resp: 2199
 Ion Ratio Lower Upper
 75 100
 77 42.8 25.6 38.4

Manual Integrations
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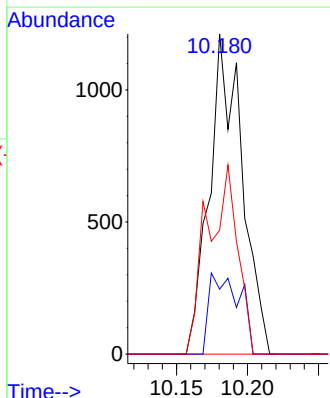
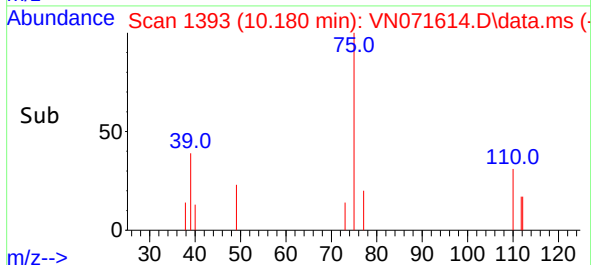
Reviewed By :John Carlone 03/29/2022
 Supervised By :Mahesh Dadoda 03/30/2022

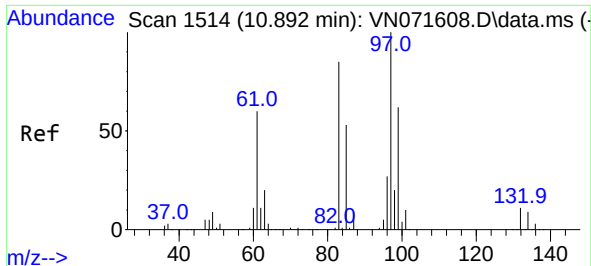


#54
 cis-1,3-Dichloropropene
 Concen: 0.165 ug/l
 RT: 10.180 min Scan# 1393
 Delta R.T. -0.006 min
 Lab File: VN071614.D
 Acq: 28 Mar 2022 19:57



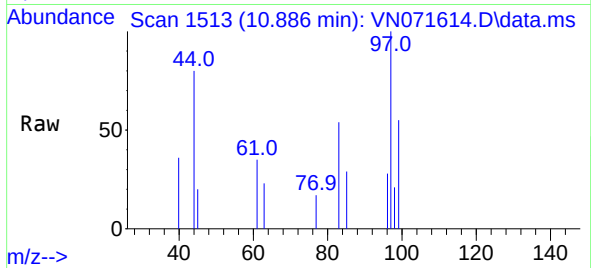
Tgt Ion: 75 Resp: 1936
 Ion Ratio Lower Upper
 75 100
 77 20.3 25.2 37.8#
 39 38.7 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 0.218 ug/l
RT: 10.886 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

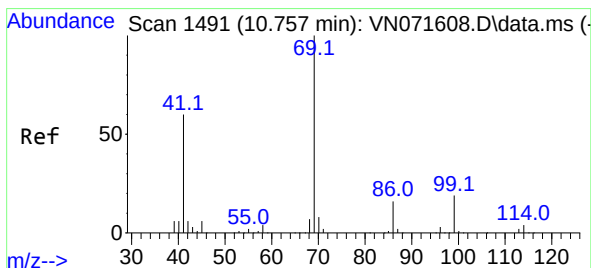
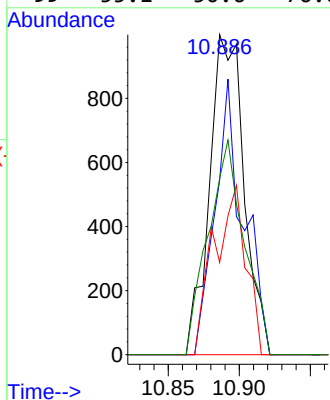
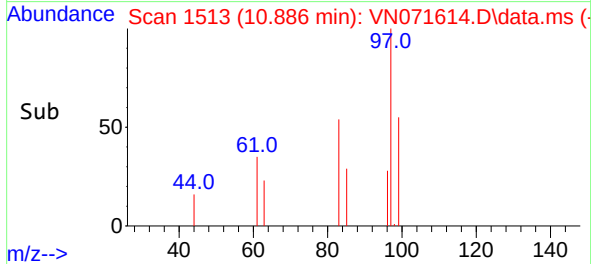
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2022



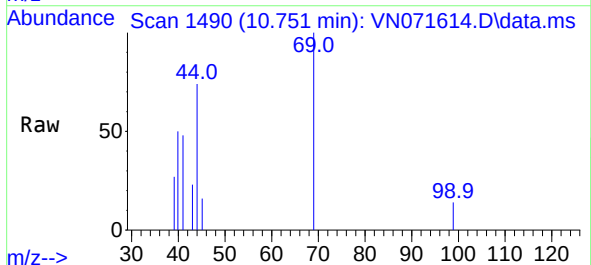
Tgt Ion: 97 Resp: 1694
Ion Ratio Lower Upper
97 100
83 54.5 66.2 99.4#
85 28.8 43.9 65.9#
99 55.1 50.6 76.0#

Manual Integrations
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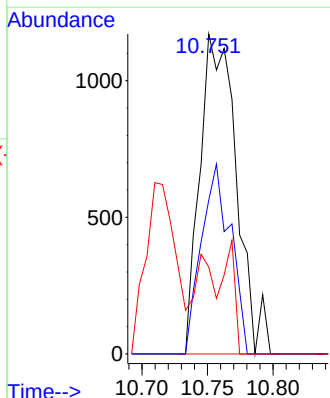
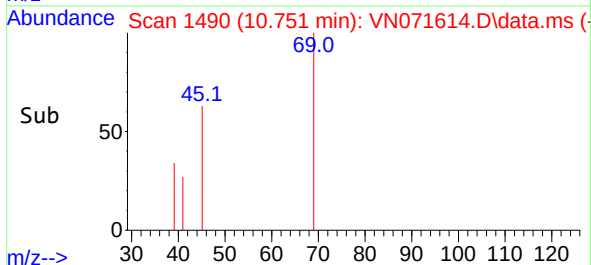
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

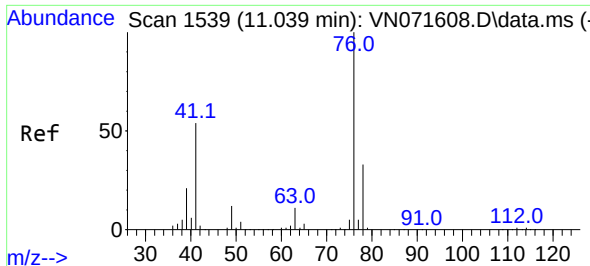


#56
Ethyl methacrylate
Concen: 0.195 ug/l
RT: 10.751 min Scan# 1490
Delta R.T. -0.006 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57



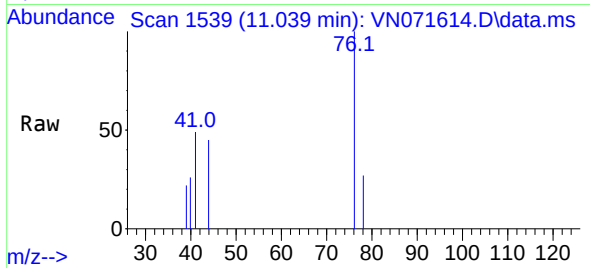
Tgt Ion: 69 Resp: 2264
Ion Ratio Lower Upper
69 100
41 47.6 47.8 71.6#
39 7.8 27.3 40.9#





#57
1,3-Dichloropropane
Concen: 0.193 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

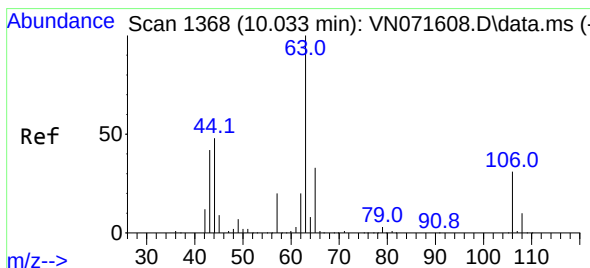
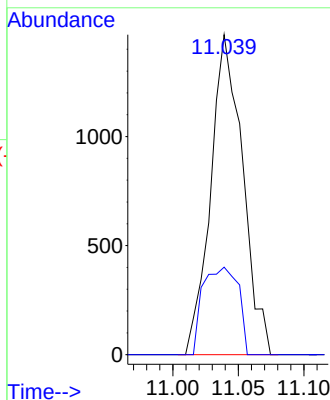
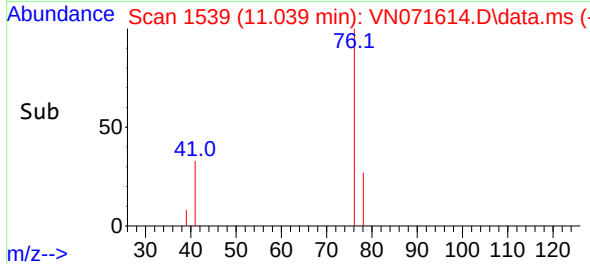
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



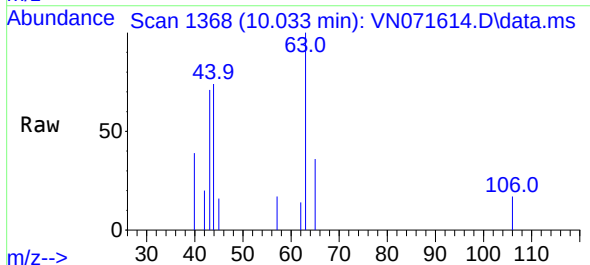
Tgt Ion: 76 Resp: 2490
Ion Ratio Lower Upper
76 100
78 30.0 26.2 39.2

Manual Integrations
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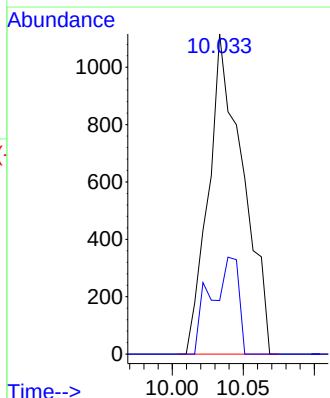
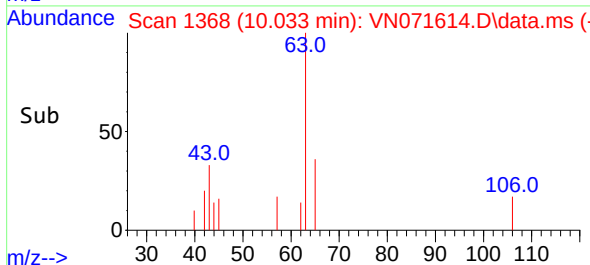
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

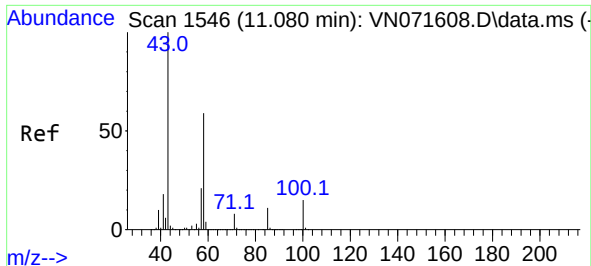


#58
2-Chloroethyl Vinyl ether
Concen: 0.629 ug/l
RT: 10.033 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57



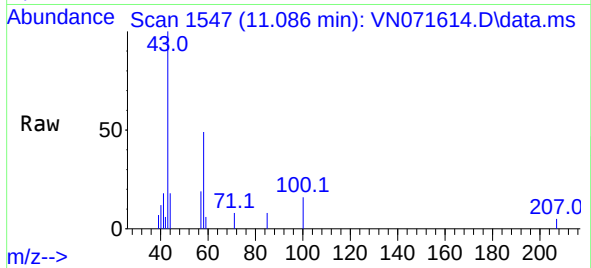
Tgt Ion: 63 Resp: 1873
Ion Ratio Lower Upper
63 100
106 24.3 24.6 36.8#





#59
2-Hexanone
Concen: 1.159 ug/l
RT: 11.086 min Scan# 1546
Delta R.T. 0.006 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

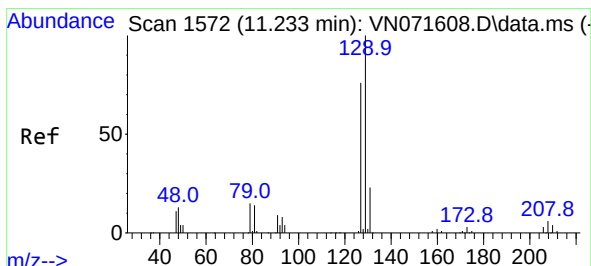
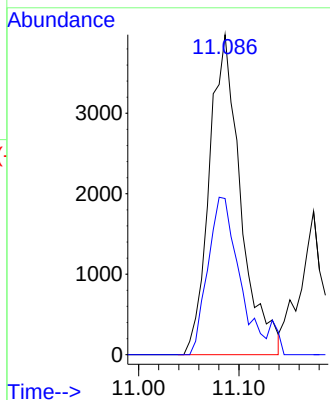
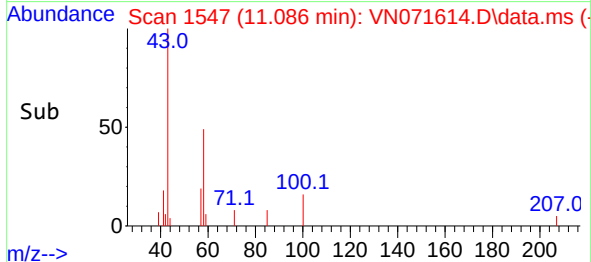
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



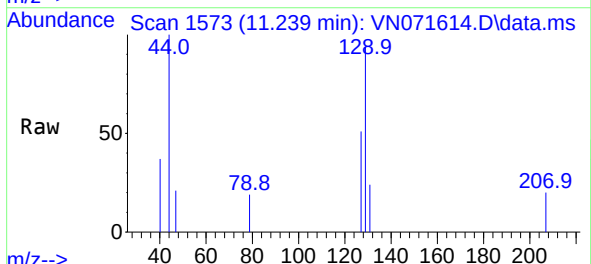
Tgt Ion: 43 Resp: 8670
Ion Ratio Lower Upper
43 100
58 49.0 29.7 89.1

Manual Integrations
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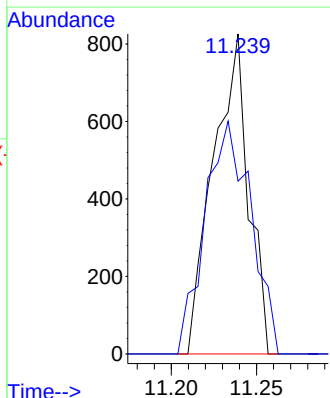
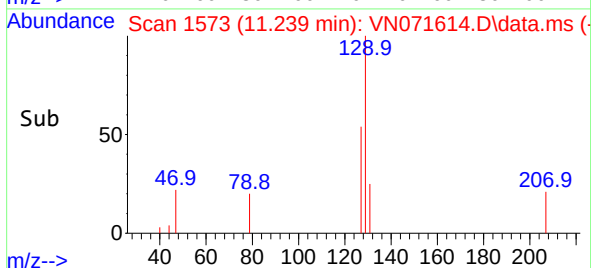
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

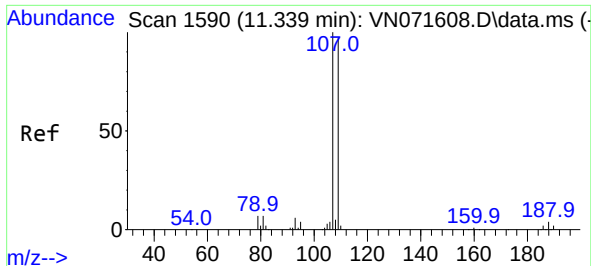


#60
Dibromochloromethane
Concen: 0.152 ug/l
RT: 11.239 min Scan# 1573
Delta R.T. 0.006 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57



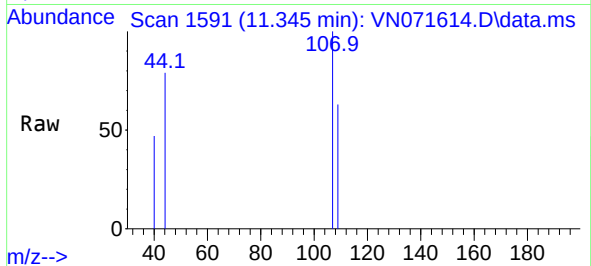
Tgt Ion:129 Resp: 1185
Ion Ratio Lower Upper
129 100
127 94.9 38.8 116.4





#61
1,2-Dibromoethane
Concen: 0.184 ug/l
RT: 11.345 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

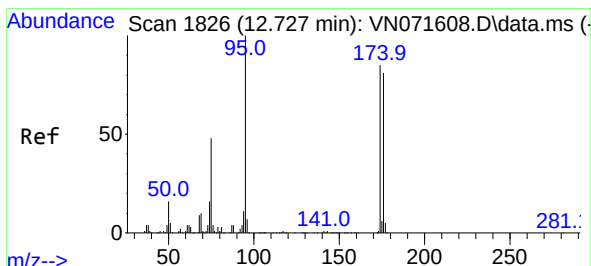
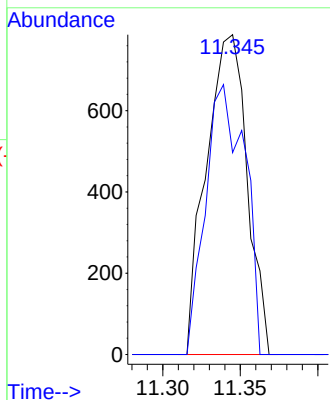
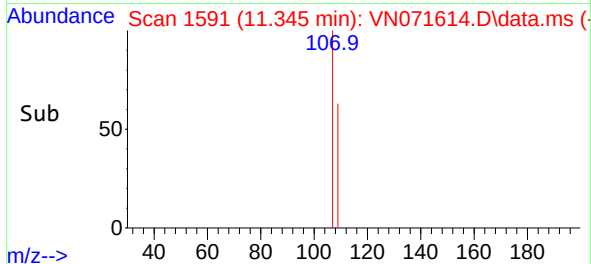
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



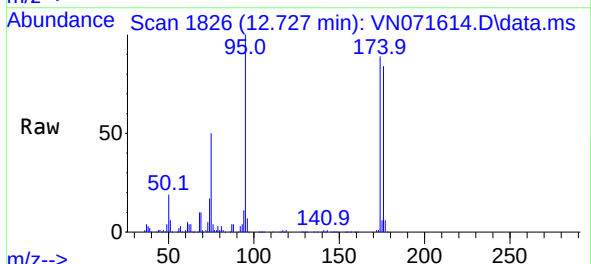
Tgt Ion:107 Resp: 144
Ion Ratio Lower Upper
107 100
109 81.1 75.0 112.6

Manual Integrations
APPROVED

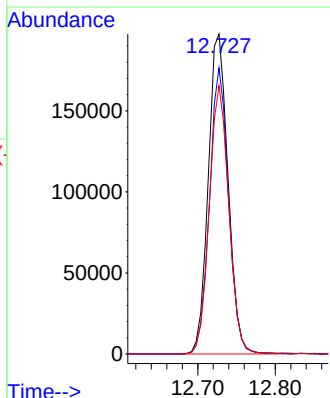
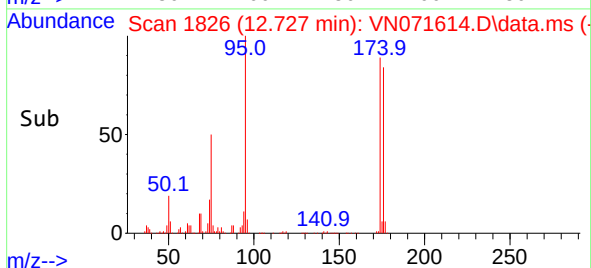
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

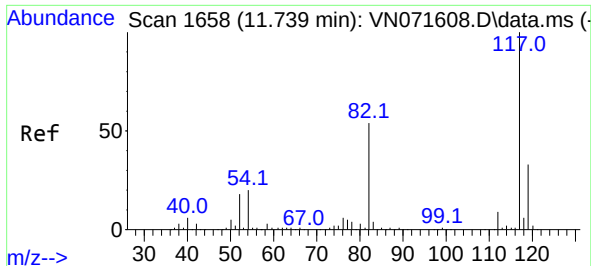


#62
4-Bromofluorobenzene
Concen: 38.296 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57



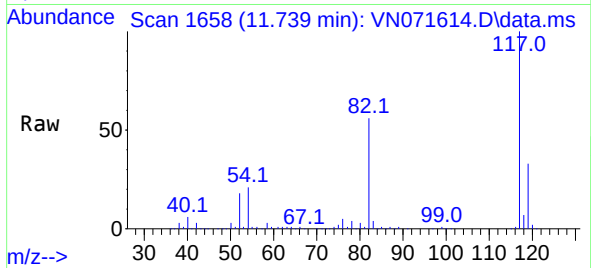
Tgt Ion: 95 Resp: 349590
Ion Ratio Lower Upper
95 100
174 86.3 0.0 167.6
176 82.6 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

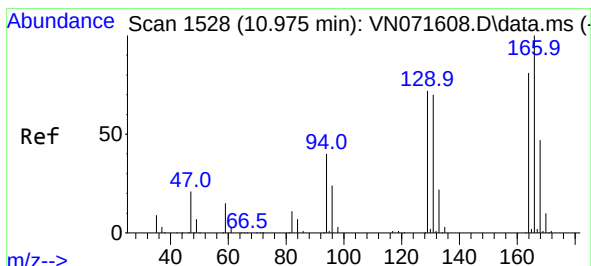
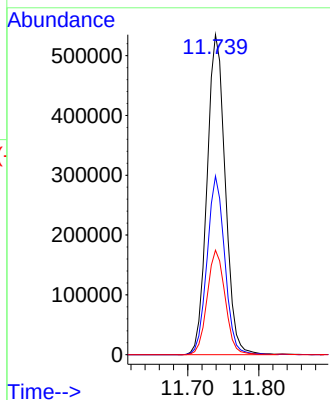
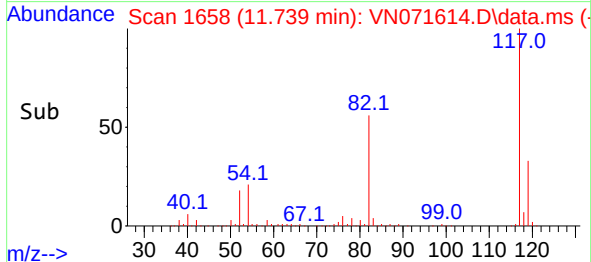
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



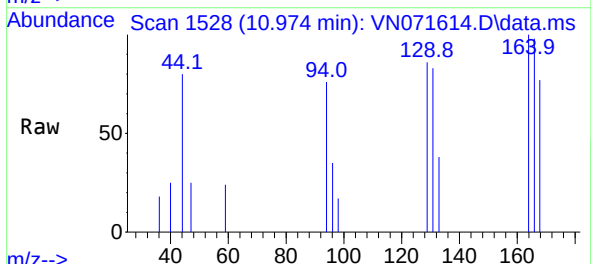
Tgt Ion:117 Resp: 954088
Ion Ratio Lower Upper
117 100
82 55.8 44.2 66.2
119 32.7 25.4 38.0

Manual Integrations
APPROVED

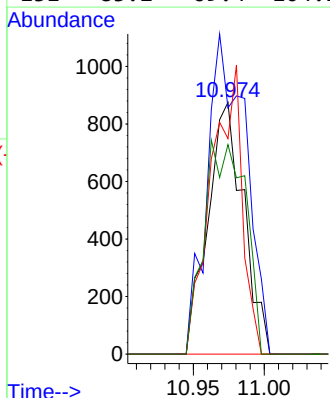
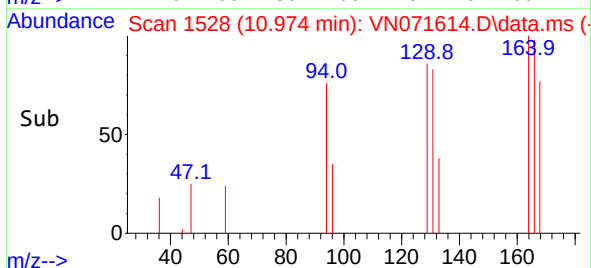
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

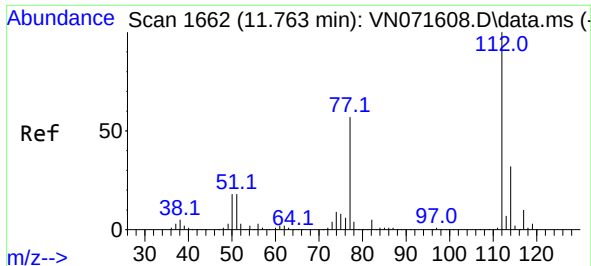


#64
Tetrachloroethene
Concen: 0.231 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57



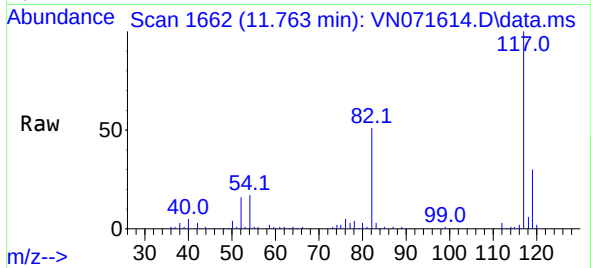
Tgt Ion:164 Resp: 1524
Ion Ratio Lower Upper
164 100
166 97.8 104.2 156.2#
129 85.6 73.9 110.9
131 83.2 69.4 104.2





#65
Chlorobenzene
Concen: 0.229 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

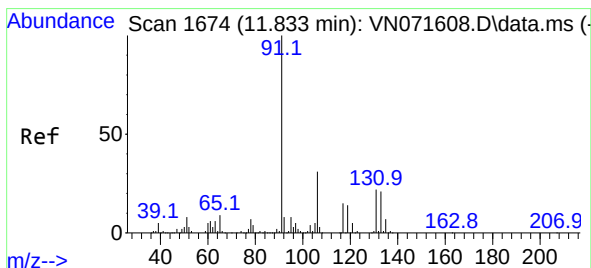
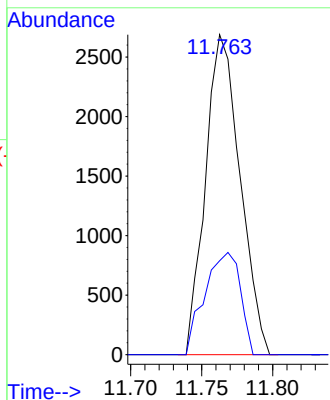
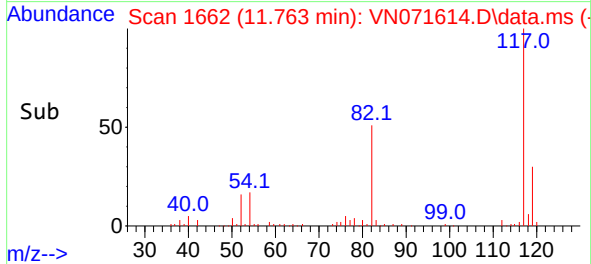
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2022



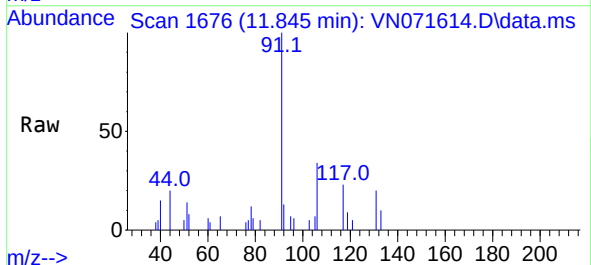
Tgt Ion:112 Resp: 4560
Ion Ratio Lower Upper
112 100
114 29.4 25.4 38.2

Manual Integrations
APPROVED

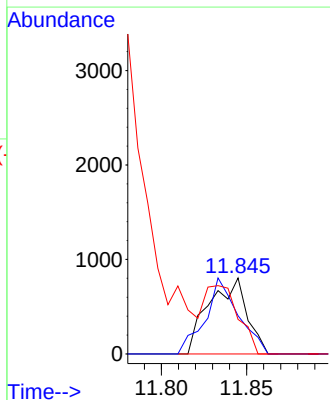
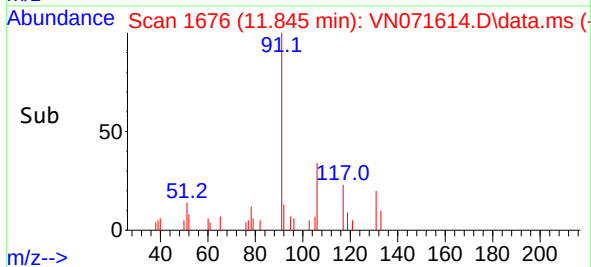
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

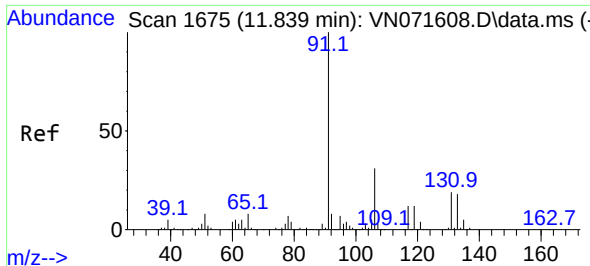


#66
1,1,1,2-Tetrachloroethane
Concen: 0.175 ug/l
RT: 11.845 min Scan# 1676
Delta R.T. 0.012 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57



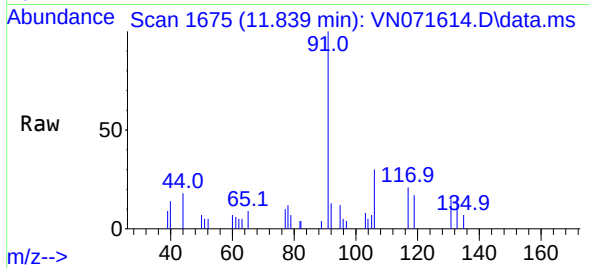
Tgt Ion:131 Resp: 1247
Ion Ratio Lower Upper
131 100
133 87.4 47.8 143.4
119 0.0 33.4 100.2#





#67
Ethyl Benzene
Concen: 0.203 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

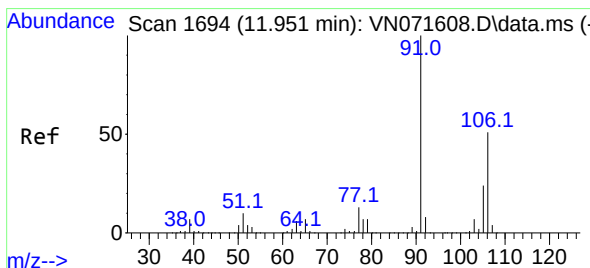
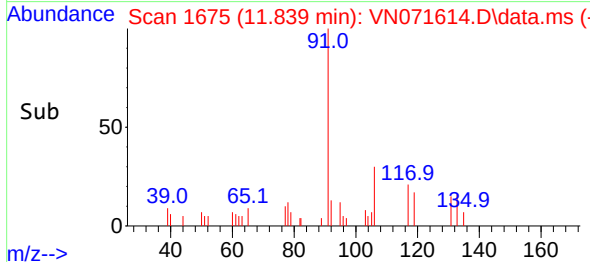
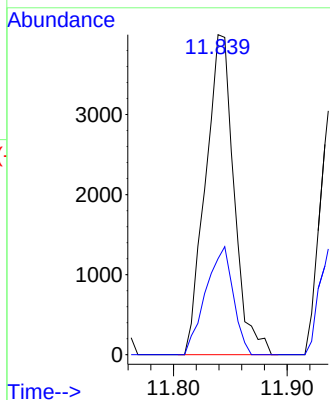
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



Tgt Ion: 91 Resp: 6983
Ion Ratio Lower Upper
91 100
106 30.0 24.9 37.3

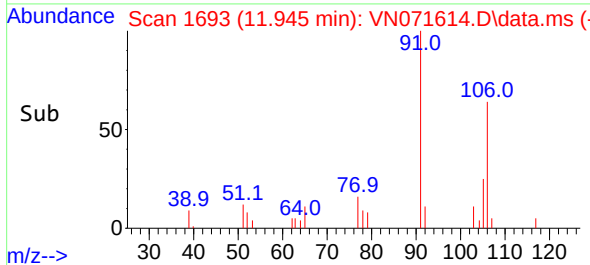
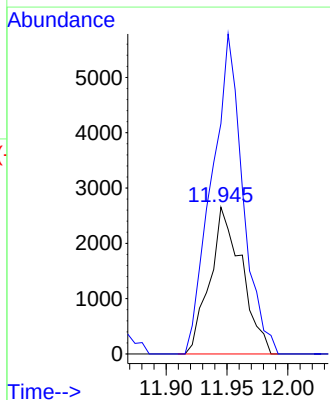
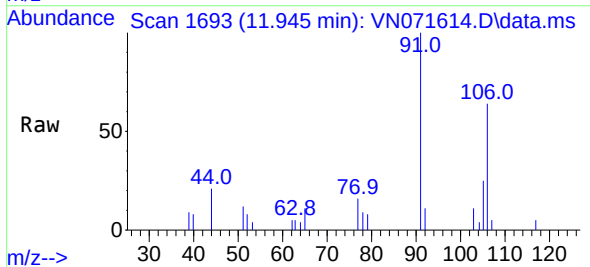
Manual Integrations
APPROVED

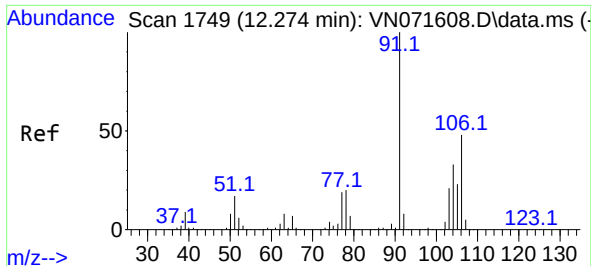
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#68
m/p-Xylenes
Concen: 0.372 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

Tgt Ion:106 Resp: 4857
Ion Ratio Lower Upper
106 100
91 212.6 158.9 238.3





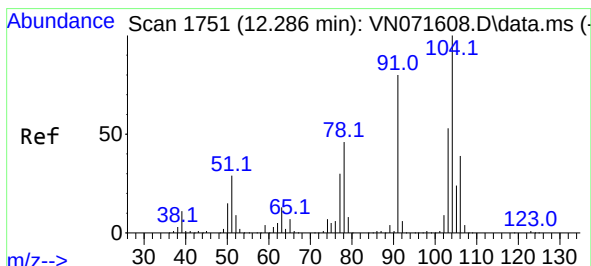
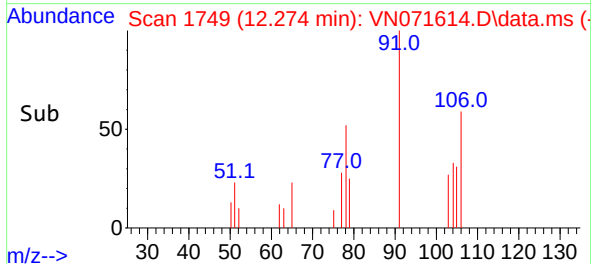
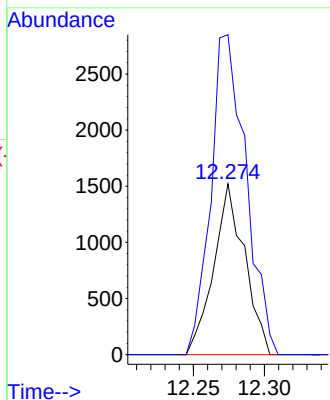
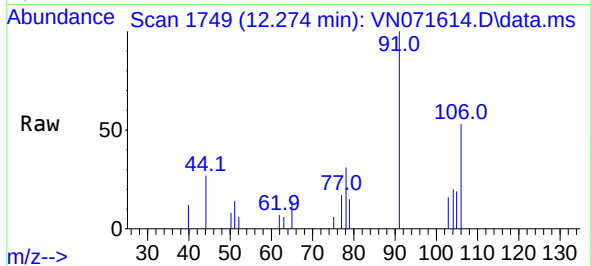
#69
o-Xylene
Concen: 0.176 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

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

Tgt Ion:106 Resp: 2304
Ion Ratio Lower Upper
106 100
91 212.8 106.0 318.0

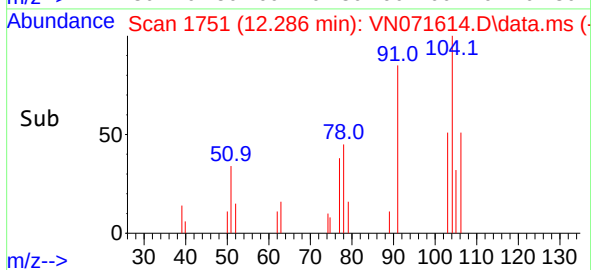
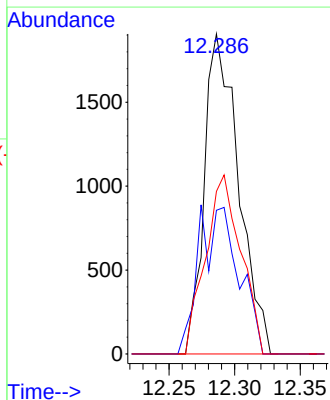
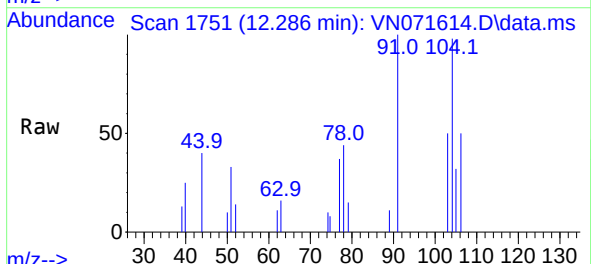
Manual Integrations
APPROVED

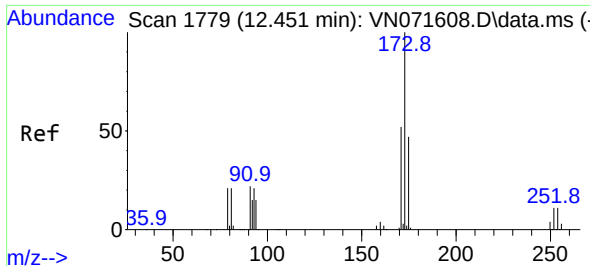
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#70
Styrene
Concen: 0.173 ug/l
RT: 12.286 min Scan# 1751
Delta R.T. -0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

Tgt Ion:104 Resp: 3464
Ion Ratio Lower Upper
104 100
78 53.7 39.5 59.3
103 57.7 44.0 66.0





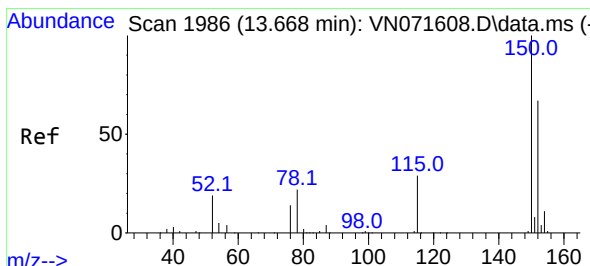
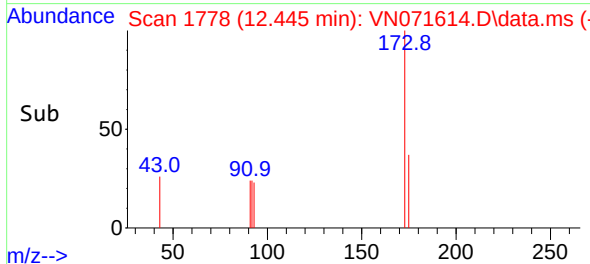
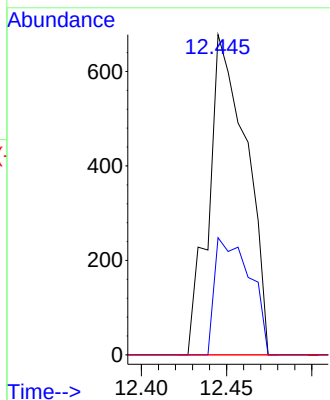
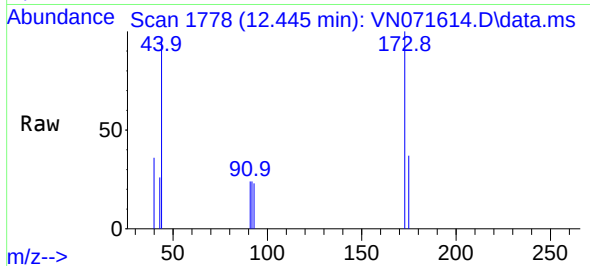
#71
Bromoform
Concen: 0.185 ug/l
RT: 12.445 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

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

Tgt Ion:173 Resp: 1042
Ion Ratio Lower Upper
173 100
175 34.3 24.6 73.6
254 0.0 0.1 0.1

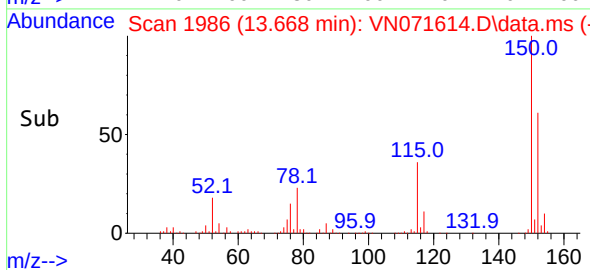
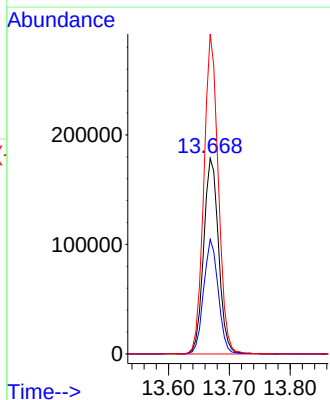
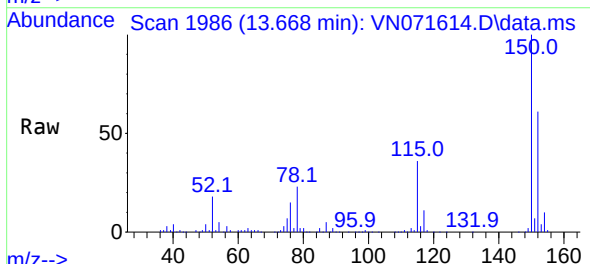
Manual Integrations
APPROVED

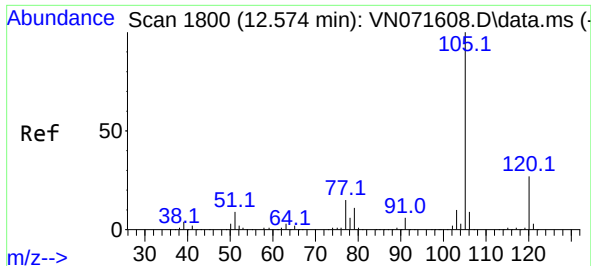
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

Tgt Ion:152 Resp: 304979
Ion Ratio Lower Upper
152 100
115 57.5 28.9 86.7
150 157.7 0.0 356.2





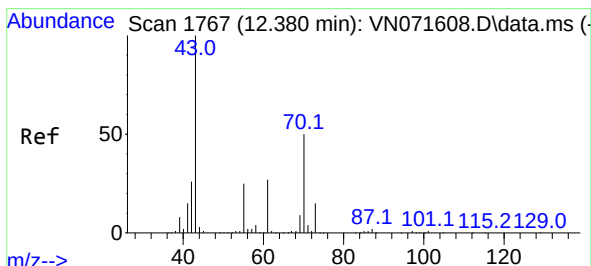
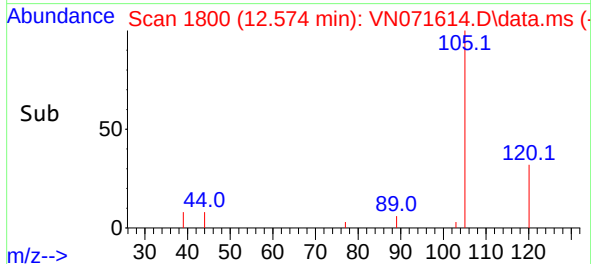
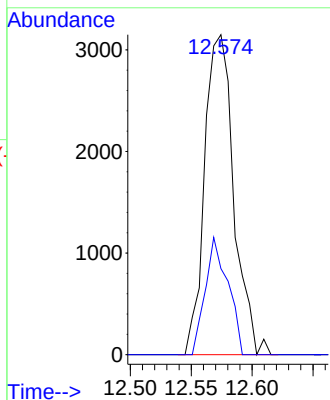
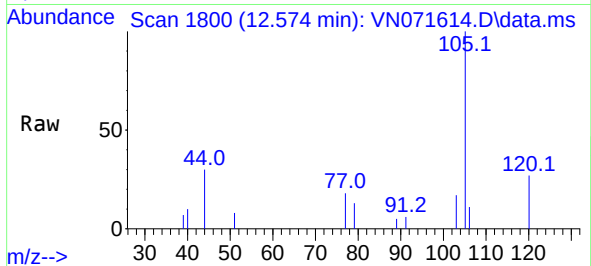
#73
Isopropylbenzene
Concen: 0.196 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

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

Tgt Ion:105 Resp: 5239
Ion Ratio Lower Upper
105 100
120 28.5 13.5 40.4

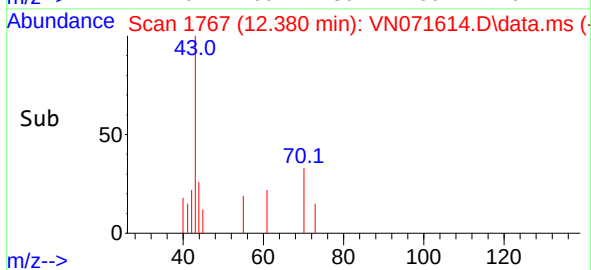
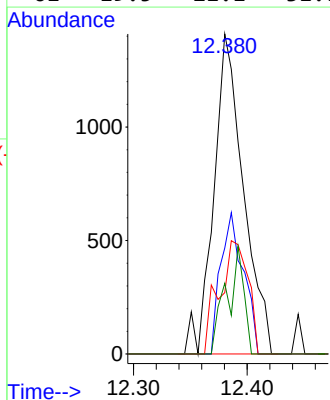
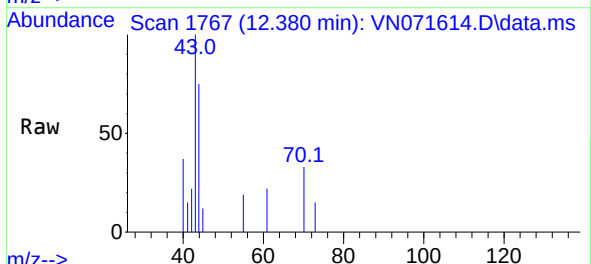
Manual Integrations
APPROVED

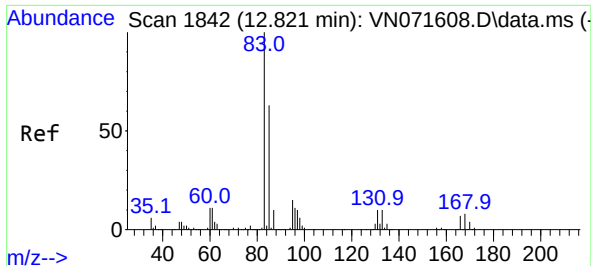
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#74
N-ethyl acetate
Concen: 0.316 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. -0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

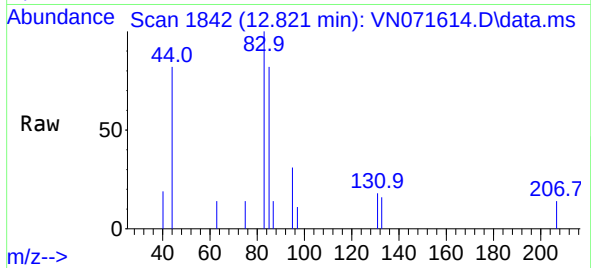
Tgt Ion: 43 Resp: 2561
Ion Ratio Lower Upper
43 100
70 33.9 39.0 58.4#
55 34.0 21.1 31.7#
61 19.5 21.1 31.7#





#75
1,1,2,2-Tetrachloroethane
Concen: 0.266 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

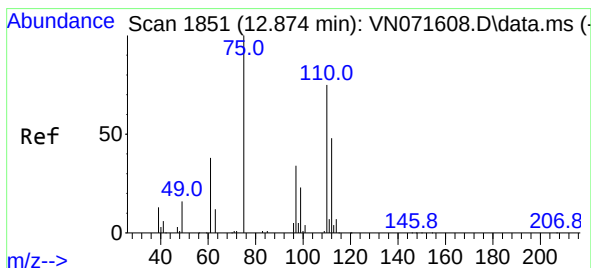
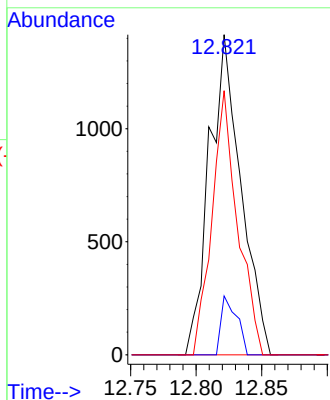
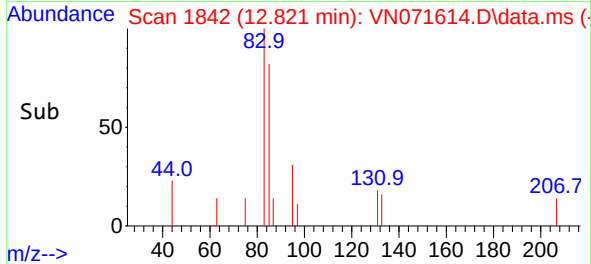
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2022



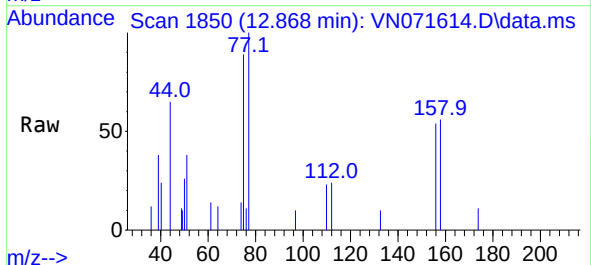
Tgt Ion: 83 Resp: 2370
Ion Ratio Lower Upper
83 100
131 9.0 5.3 15.9
85 66.7 32.3 96.9

Manual Integrations
APPROVED

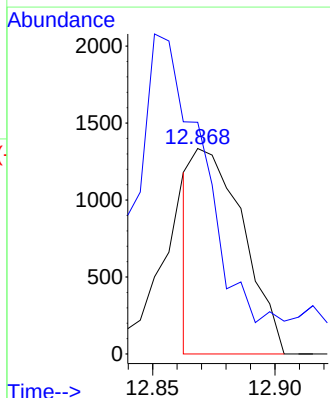
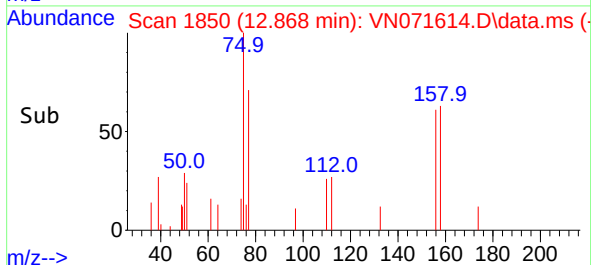
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

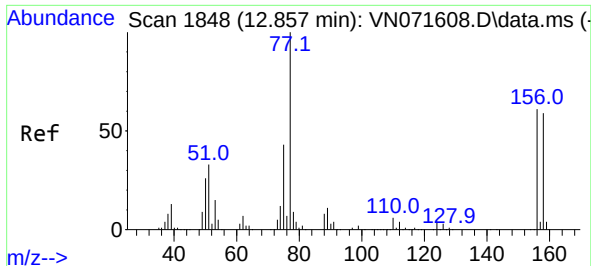


#76
1,2,3-Trichloropropane
Concen: 0.263 ug/l m
RT: 12.868 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57



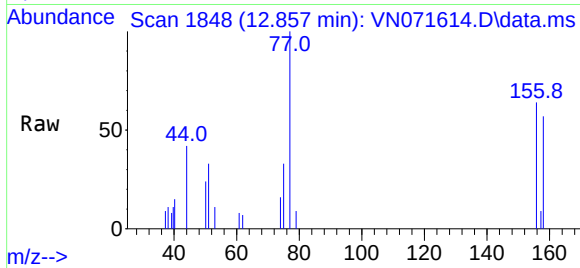
Tgt Ion: 75 Resp: 1923
Ion Ratio Lower Upper
75 100
77 109.2 98.5 295.5





#77
Bromobenzene
Concen: 0.333 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

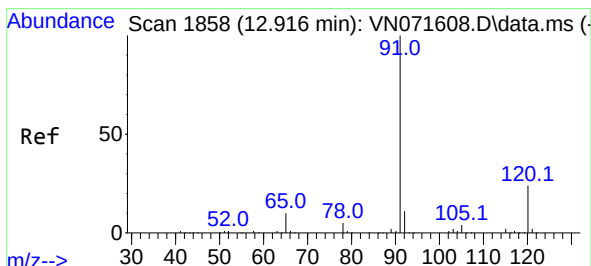
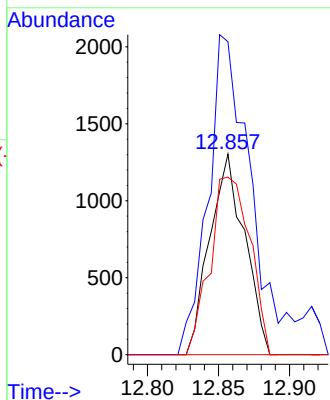
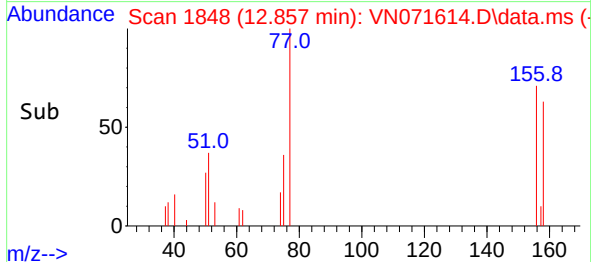
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2022



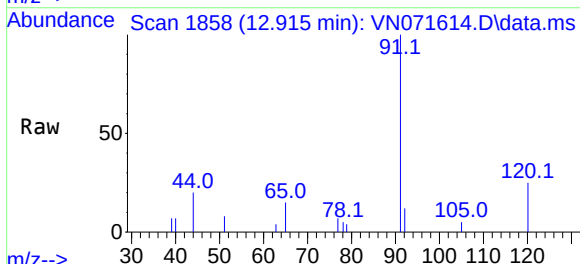
Tgt Ion:156 Resp: 2234
Ion Ratio Lower Upper
156 100
77 194.1 100.5 301.5
158 101.6 48.9 146.6

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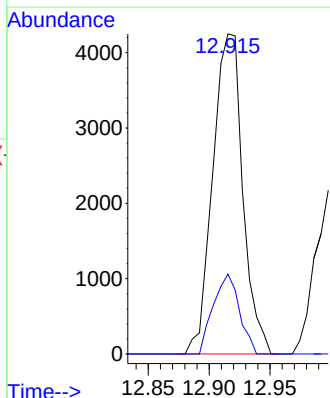
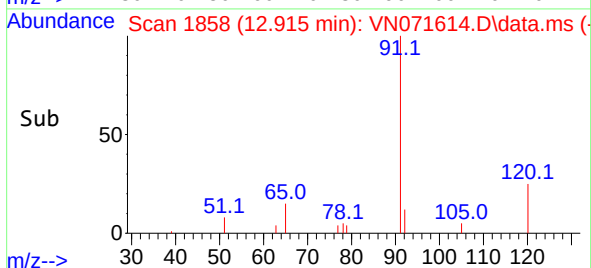
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

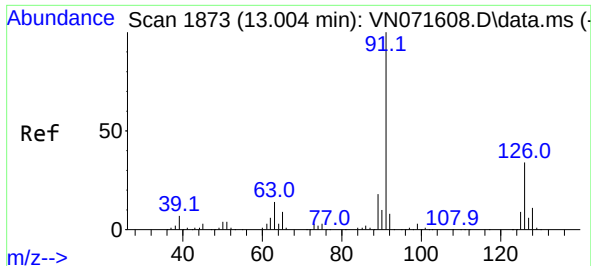


#78
n-propylbenzene
Concen: 0.254 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57



Tgt Ion: 91 Resp: 7295
Ion Ratio Lower Upper
91 100
120 21.6 11.9 35.5





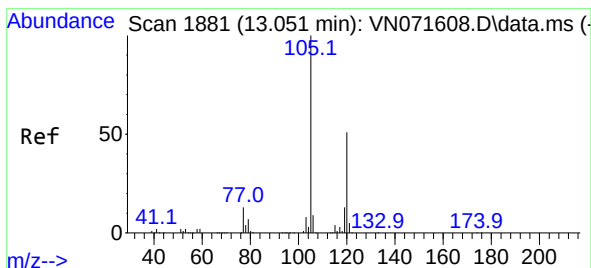
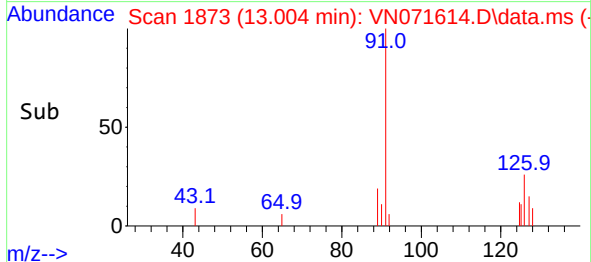
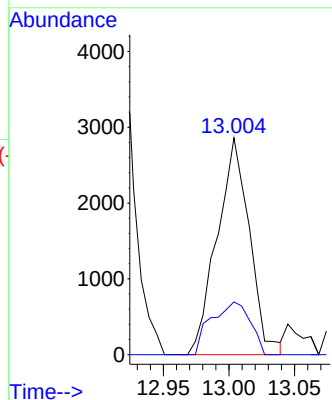
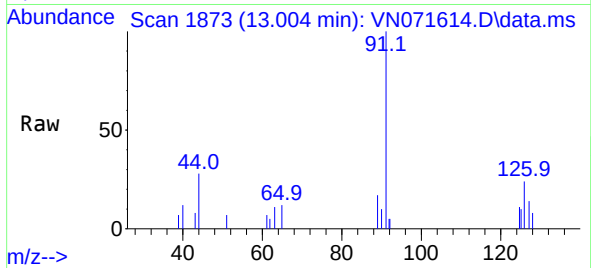
#79
2-Chlorotoluene
Concen: 0.273 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

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

Tgt Ion: 91 Resp: 4920
Ion Ratio Lower Upper
91 100
126 29.1 17.3 51.9

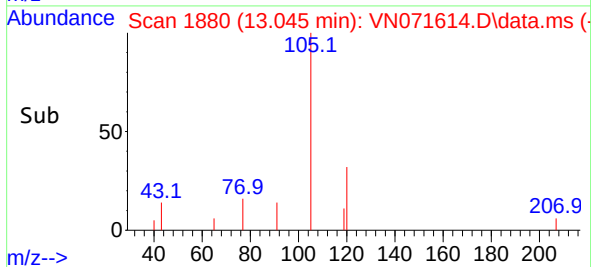
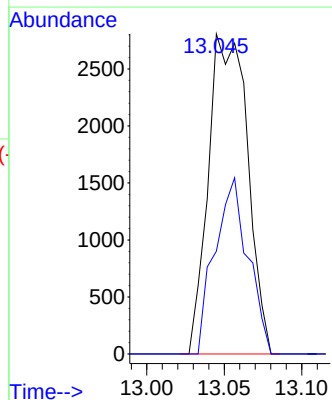
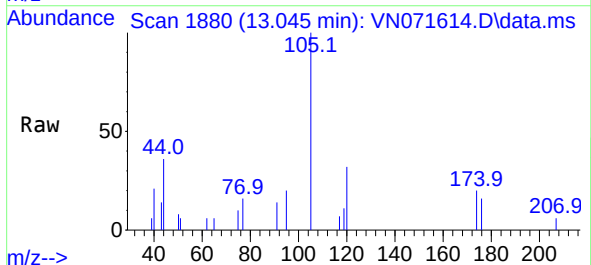
Manual Integrations
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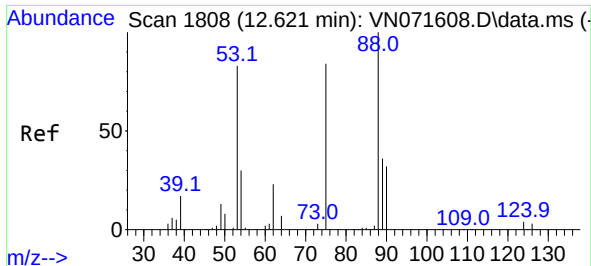
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#80
1,3,5-Trimethylbenzene
Concen: 0.233 ug/l
RT: 13.045 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

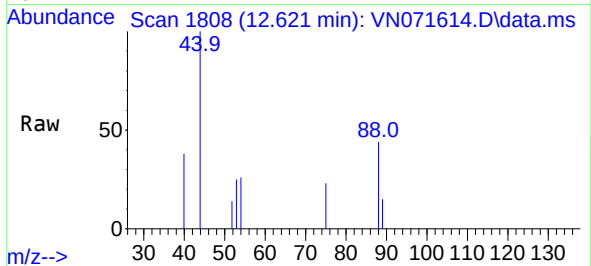
Tgt Ion:105 Resp: 4917
Ion Ratio Lower Upper
105 100
120 46.8 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 0.093 ug/l m
RT: 12.621 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

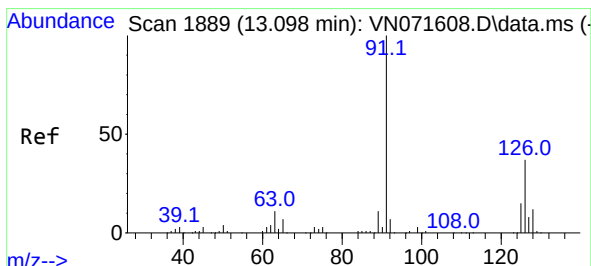
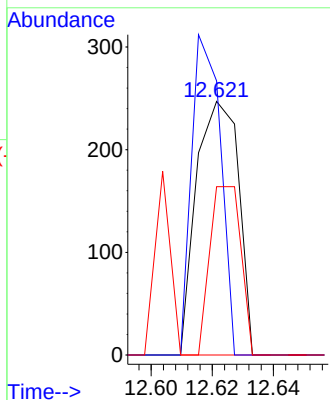
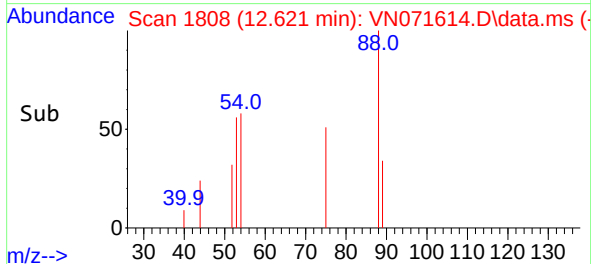
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



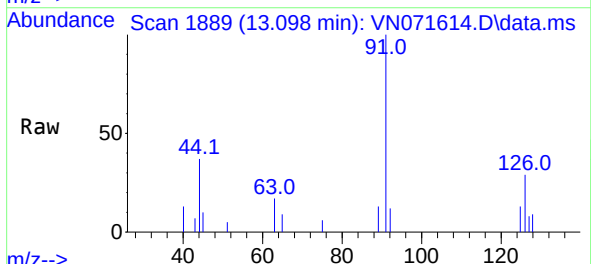
Tgt Ion: 75 Resp: 230
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0
89 0.0 37.2 55.8

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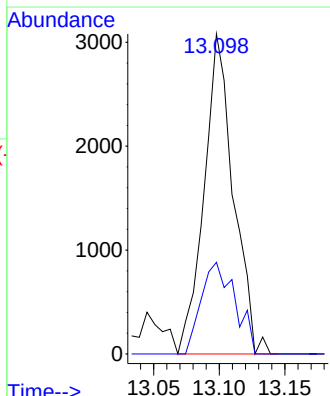
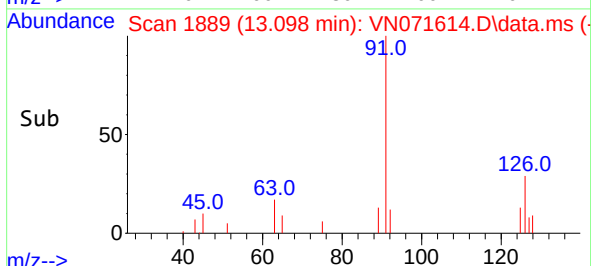
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

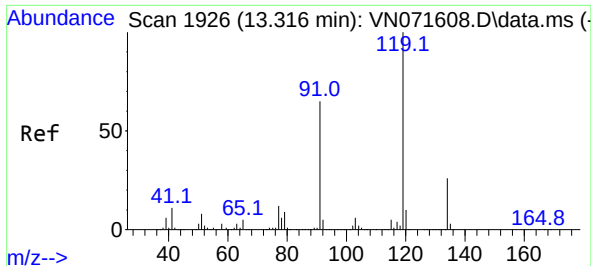


#82
4-Chlorotoluene
Concen: 0.285 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57



Tgt Ion: 91 Resp: 4796
Ion Ratio Lower Upper
91 100
126 33.0 17.2 51.6





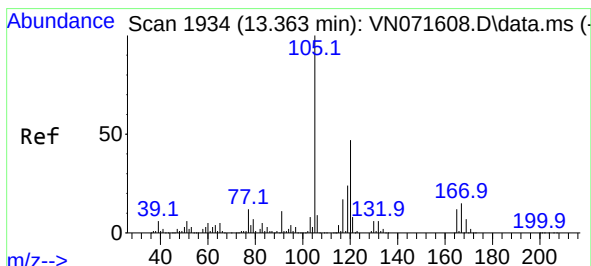
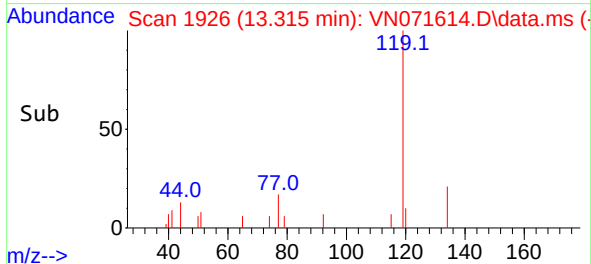
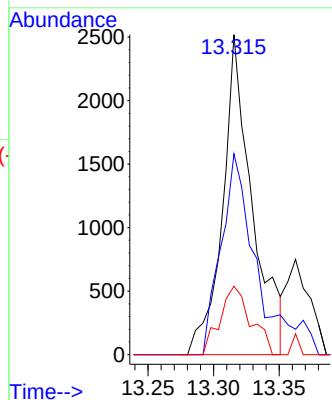
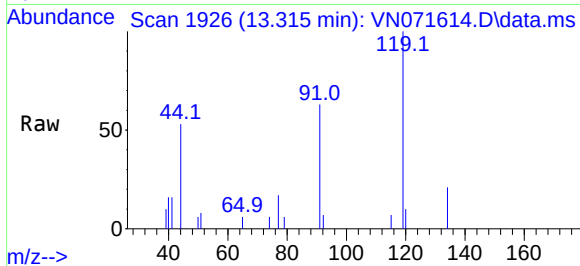
#83
tert-Butylbenzene
Concen: 0.205 ug/l
RT: 13.315 min Scan# 1926
Delta R.T. -0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

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

Tgt Ion:119 Resp: 395
Ion Ratio Lower Upper
119 100
91 76.3 31.6 94.8
134 22.3 13.7 41.1

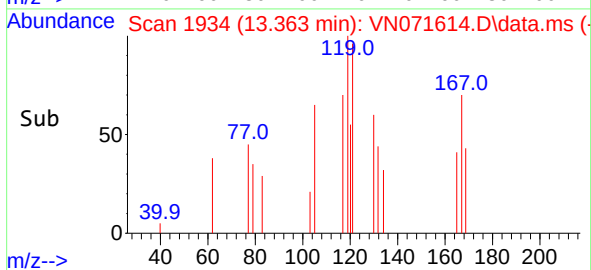
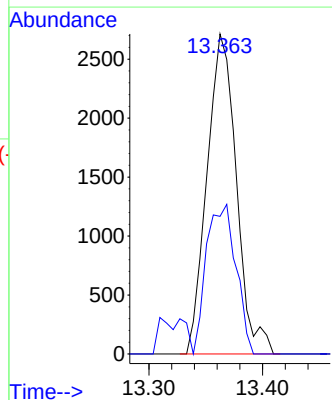
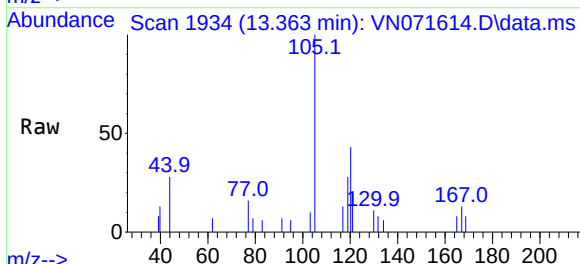
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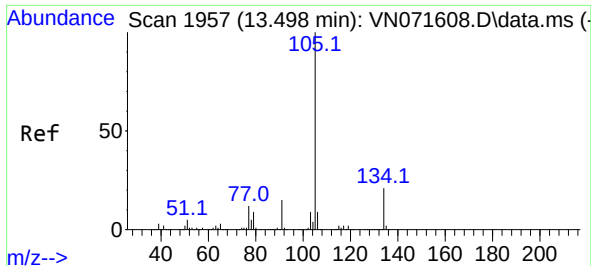
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#84
1,2,4-Trimethylbenzene
Concen: 0.236 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

Tgt Ion:105 Resp: 4876
Ion Ratio Lower Upper
105 100
120 46.9 23.3 69.8





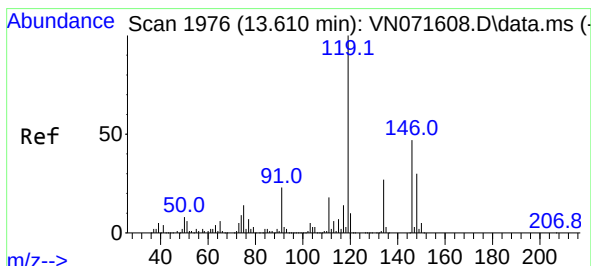
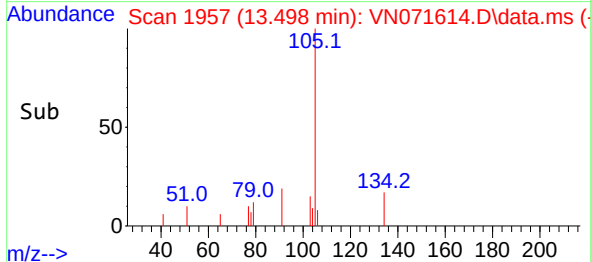
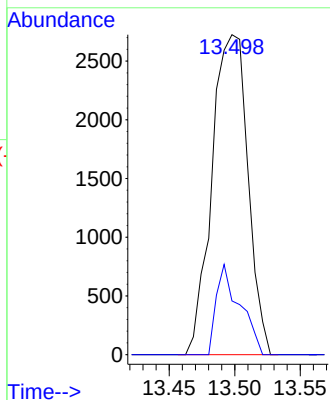
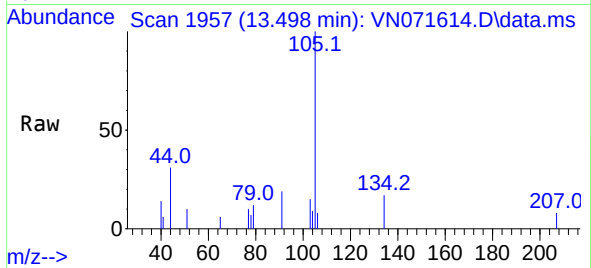
#85
 sec-Butylbenzene
 Concen: 0.203 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN071614.D
 Acq: 28 Mar 2022 19:57

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

Tgt Ion:105 Resp: 5198
 Ion Ratio Lower Upper
 105 100
 134 18.4 10.4 31.1

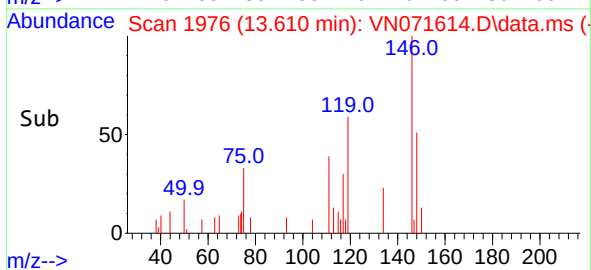
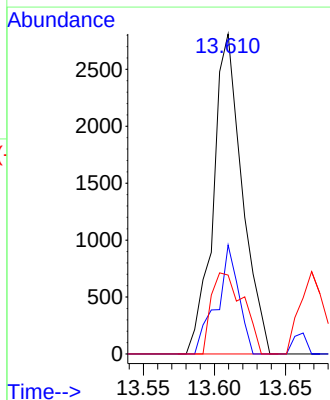
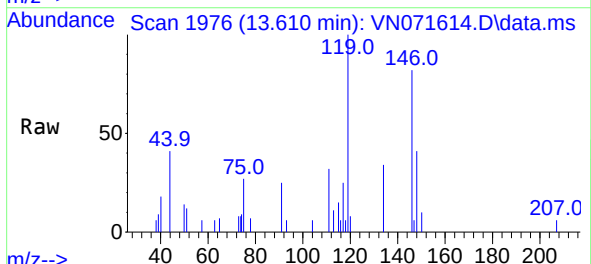
Manual Integrations
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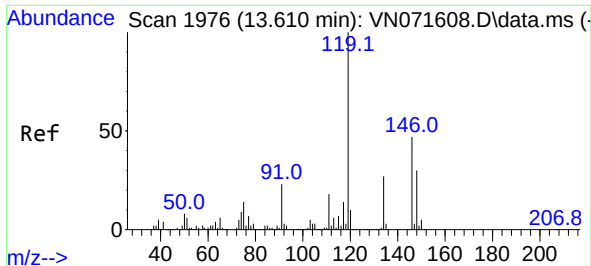
Reviewed By :John Carlone 03/29/2022
 Supervised By :Mahesh Dadoda 03/30/2022



#86
 p-Isopropyltoluene
 Concen: 0.197 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071614.D
 Acq: 28 Mar 2022 19:57

Tgt Ion:119 Resp: 3991
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.3 39.8
 91 27.9 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 0.339 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VN071614.D

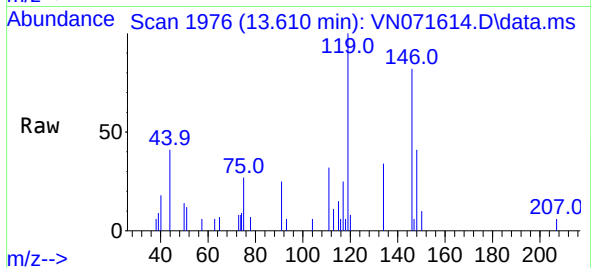
Acq: 28 Mar 2022 19:57

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2022



Tgt Ion:146 Resp: 3670

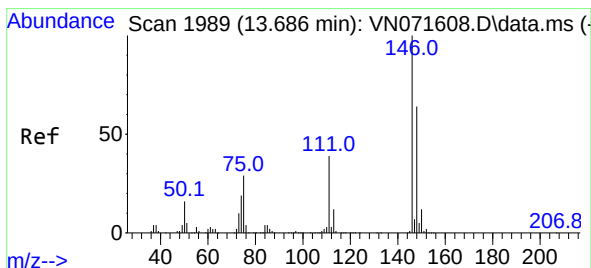
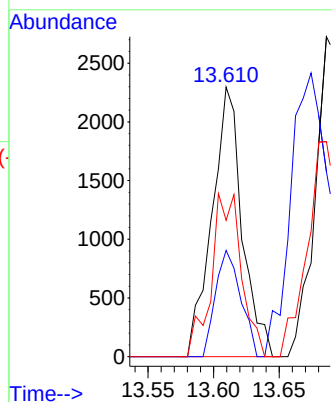
Ion	Ratio	Lower	Upper
146	100		
111	32.8	20.0	60.0
148	60.1	32.0	96.0

Manual Integrations

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Reviewed By :John Carlone 03/29/2022

Supervised By :Mahesh Dadoda 03/30/2022



#88

1,4-Dichlorobenzene

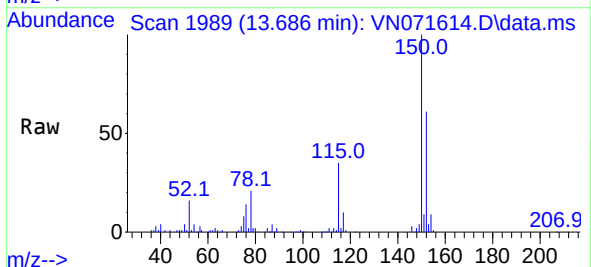
Concen: 0.412 ug/l m

RT: 13.686 min Scan# 1989

Delta R.T. -0.000 min

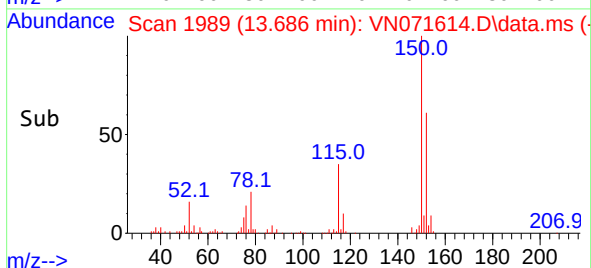
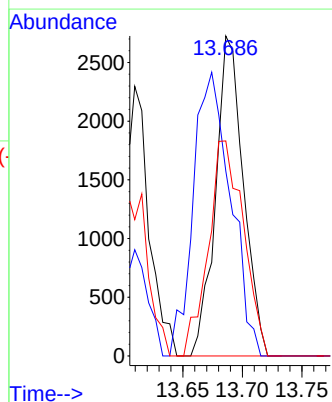
Lab File: VN071614.D

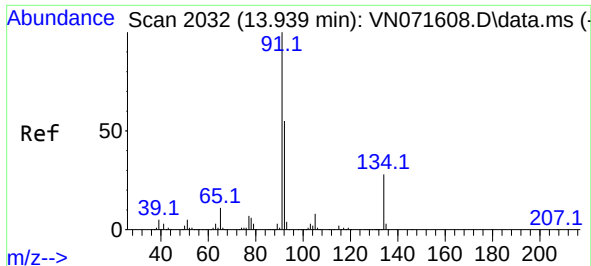
Acq: 28 Mar 2022 19:57



Tgt Ion:146 Resp: 4434

Ion	Ratio	Lower	Upper
146	100		
111	27.2	19.1	57.1
148	49.7	31.4	94.3





#89

n-Butylbenzene

Concen: 0.312 ug/l

RT: 13.933 min Scan# 2032

Delta R.T. -0.006 min

Lab File: VN071614.D

Acq: 28 Mar 2022 19:57

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2022

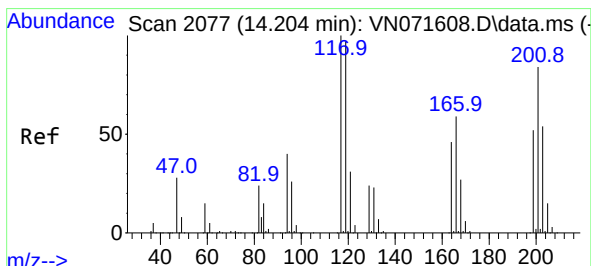
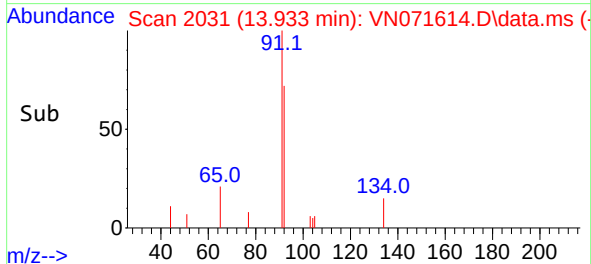
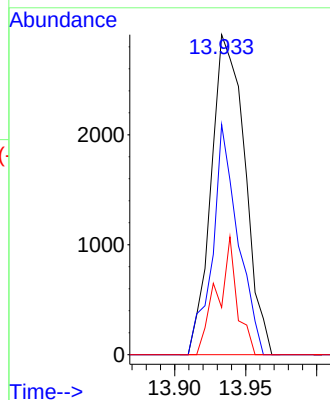
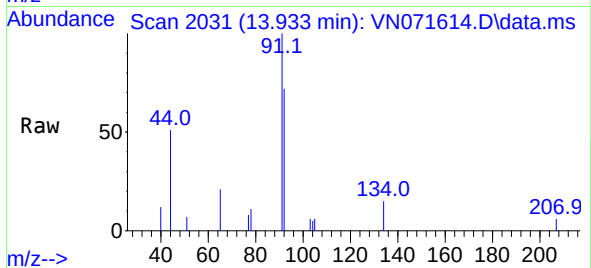
Tgt Ion: 91	Resp: 4780
Ion Ratio	Lower Upper
91 100	
92 54.8	26.9 80.7
134 21.9	13.6 40.8

Manual Integrations

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Reviewed By :John Carlone 03/29/2022

Supervised By :Mahesh Dadoda 03/30/2022



#90

Hexachloroethane

Concen: 0.237 ug/l

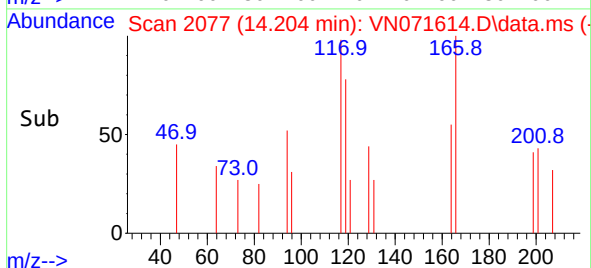
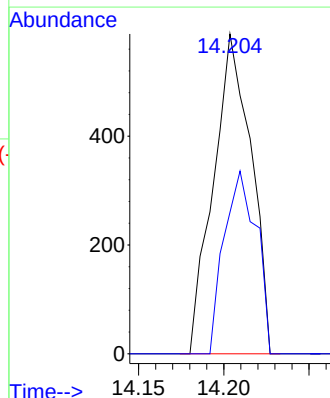
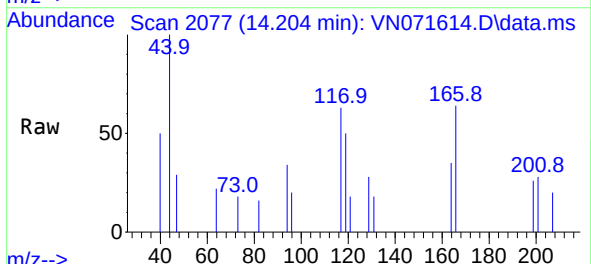
RT: 14.204 min Scan# 2077

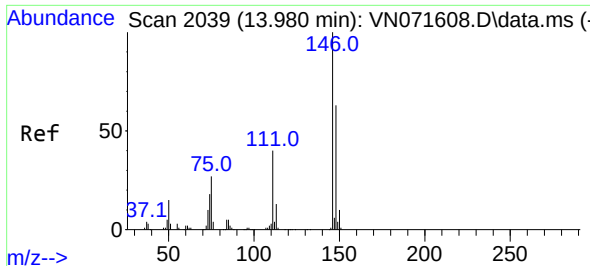
Delta R.T. -0.000 min

Lab File: VN071614.D

Acq: 28 Mar 2022 19:57

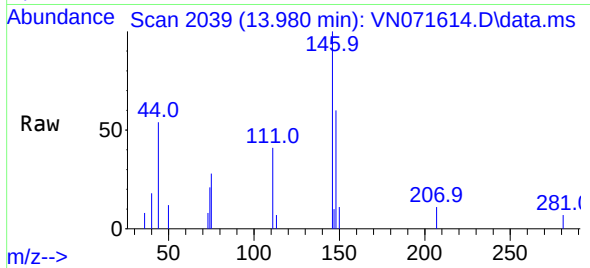
Tgt Ion: 117	Resp: 904
Ion Ratio	Lower Upper
117 100	
201 49.0	40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 0.372 ug/l
RT: 13.980 min Scan# 2039
Delta R.T. -0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

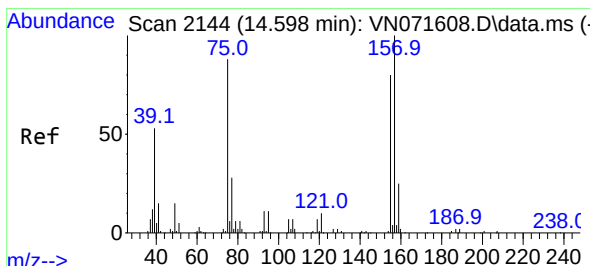
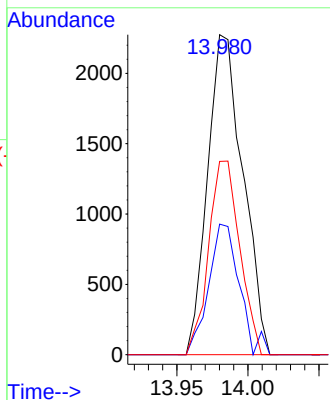
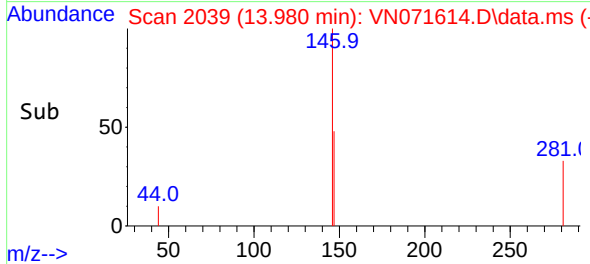
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2022



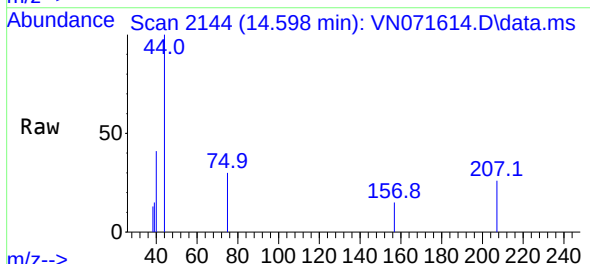
Tgt Ion:146 Resp: 394.0
Ion Ratio Lower Upper
146 100
111 35.5 20.9 62.8
148 53.3 32.1 96.3

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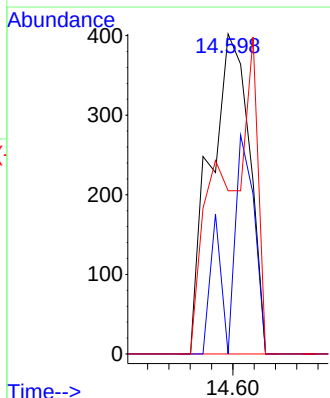
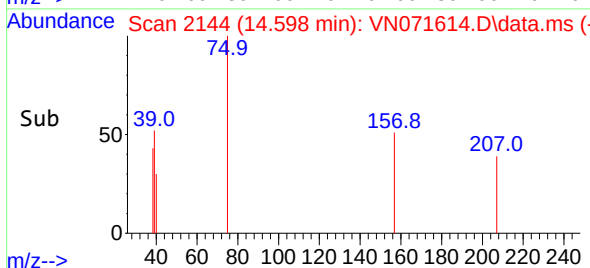
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

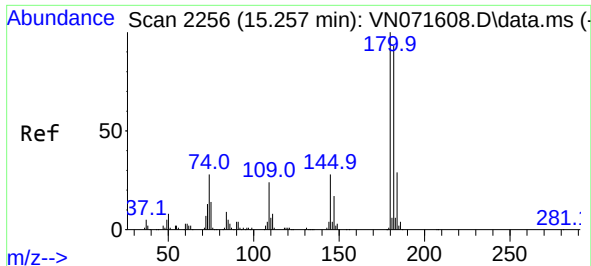


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.334 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57



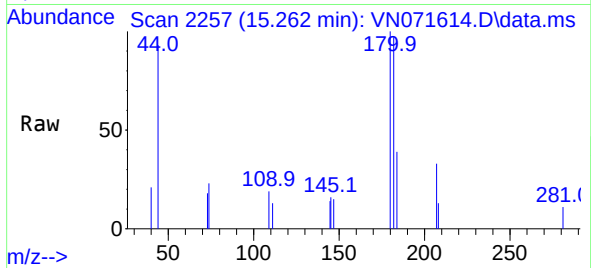
Tgt Ion: 75 Resp: 515
Ion Ratio Lower Upper
75 100
155 44.7 44.9 134.5#
157 84.7 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 0.553 ug/l
RT: 15.262 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

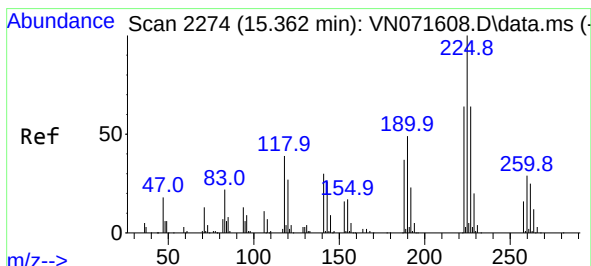
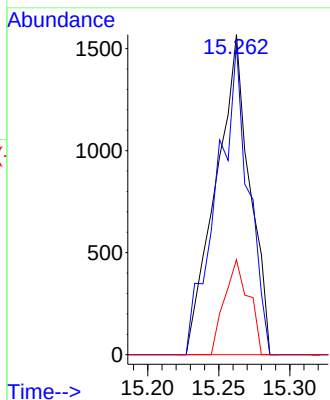
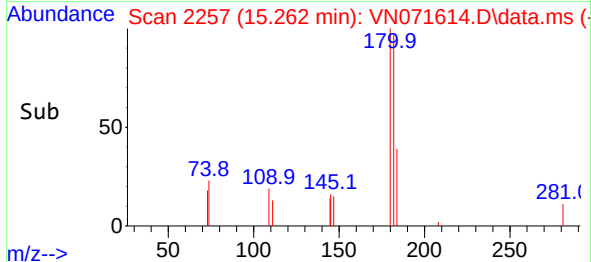
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



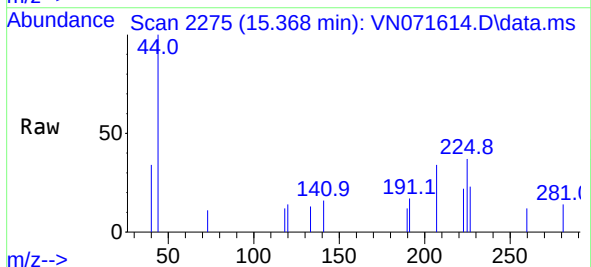
Tgt Ion:180 Resp: 259
Ion Ratio Lower Upper
180 100
182 91.7 47.5 142.5
145 21.3 14.5 43.5

Manual Integrations
APPROVED

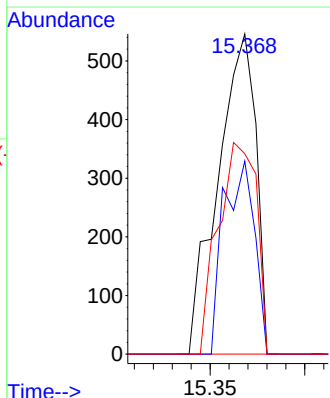
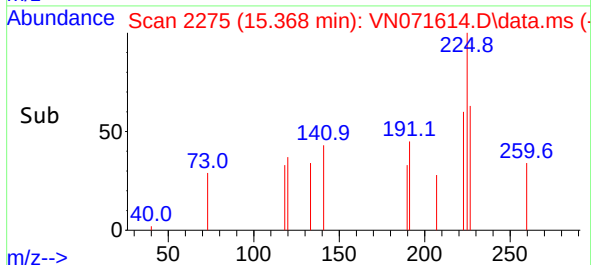
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

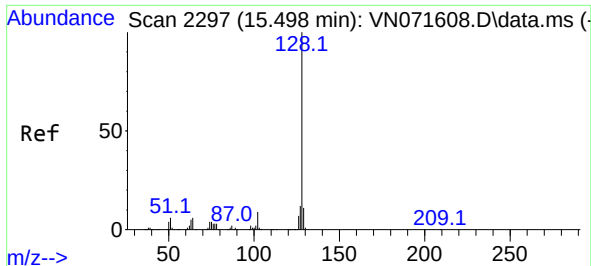


#94
Hexachlorobutadiene
Concen: 0.258 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.006 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57



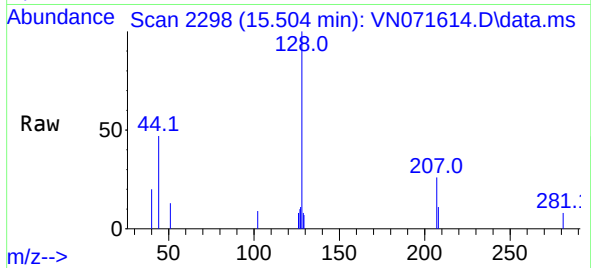
Tgt Ion:225 Resp: 763
Ion Ratio Lower Upper
225 100
223 48.9 32.4 97.2
227 66.3 31.8 95.4





#95
Naphthalene
Concen: 0.502 ug/l
RT: 15.504 min Scan# 2297
Delta R.T. 0.006 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57

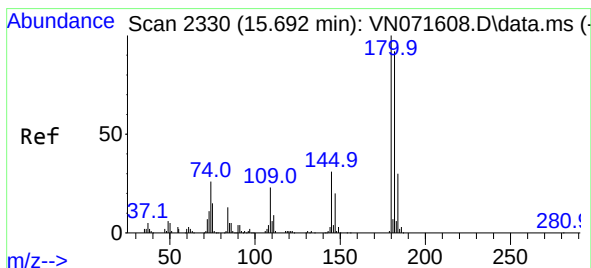
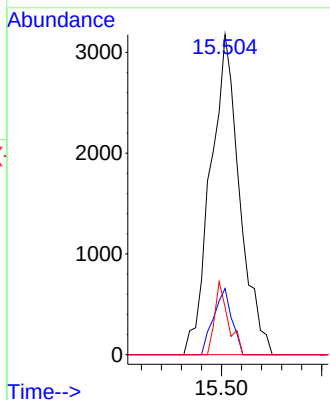
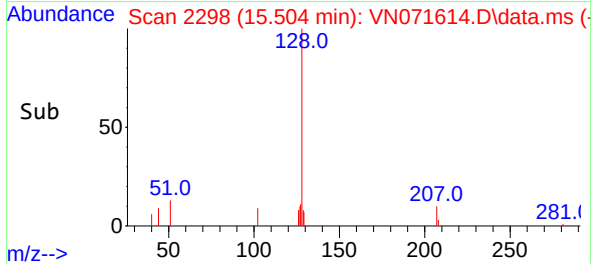
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



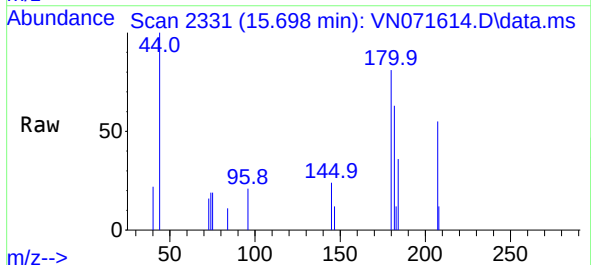
Tgt Ion:128 Resp: 6414
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.5 8.6 13.0

Manual Integrations
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Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#96
1,2,3-Trichlorobenzene
Concen: 0.536 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN071614.D
Acq: 28 Mar 2022 19:57



Tgt Ion:180 Resp: 2517
Ion Ratio Lower Upper
180 100
182 83.6 47.8 143.3
145 26.7 15.5 46.5

