

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032822\
 Data File : VN071616.D
 Acq On : 28 Mar 2022 20:45
 Operator : JC\MD
 Sample : N1645-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Mar 29 10:13:49 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	633593	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1024011	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	880278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	293889	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	399542	52.593	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.180%			
35) Dibromofluoromethane	8.016	113	315685	50.197	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.400%			
50) Toluene-d8	10.439	98	1264487	48.744	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.480%			
62) 4-Bromofluorobenzene	12.727	95	351083	41.486	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 82.980%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	4419	0.712	ug/l	98
3) Chloromethane	2.304	50	7523	1.030	ug/l	98
4) Vinyl Chloride	2.440	62	6760	0.833	ug/l	91
5) Bromomethane	2.857	94	7286	1.528	ug/l #	75
6) Chloroethane	3.016	64	6087	1.038	ug/l #	85
7) Trichlorofluoromethane	3.381	101	7564	0.782	ug/l	96
8) Diethyl Ether	3.834	74	2855	0.709	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.222	101	4016	0.683	ug/l #	88
10) Methyl Iodide	4.416	142	6594	0.761	ug/l #	94
11) Tert butyl alcohol	5.375	59	4069m	3.033	ug/l	
12) 1,1-Dichloroethene	4.187	96	4274	0.752	ug/l #	78
13) Acrolein	4.040	56	4672	4.174	ug/l	99
14) Allyl chloride	4.845	41	6588	0.726	ug/l	98
15) Acrylonitrile	5.569	53	13588	3.627	ug/l	98
16) Acetone	4.293	43	12258	3.914	ug/l	97
17) Carbon Disulfide	4.534	76	12678	0.895	ug/l #	87
18) Methyl Acetate	4.869	43	11310	1.407	ug/l	93
19) Methyl tert-butyl Ether	5.610	73	14981	0.721	ug/l	99
20) Methylene Chloride	5.092	84	6122	0.884	ug/l #	94
21) trans-1,2-Dichloroethene	5.604	96	4810	0.791	ug/l #	91
22) Diisopropyl ether	6.492	45	13188	0.680	ug/l #	91
23) Vinyl Acetate	6.434	43	53593	3.274	ug/l	98
24) 1,1-Dichloroethane	6.392	63	9049	0.783	ug/l	98
25) 2-Butanone	7.333	43	17207	3.530	ug/l	93
26) 2,2-Dichloropropane	7.322	77	6966	0.701	ug/l	96
27) cis-1,2-Dichloroethene	7.322	96	5468	0.732	ug/l	97
28) Bromochloromethane	7.657	49	3600	0.771	ug/l #	90
29) Tetrahydrofuran	7.686	42	11954	3.778	ug/l	92
30) Chloroform	7.816	83	8851	0.747	ug/l	93
31) Cyclohexane	8.086	56	19083	1.799	ug/l #	34
32) 1,1,1-Trichloroethane	8.016	97	7713	0.751	ug/l #	48
36) 1,1-Dichloropropene	8.222	75	6589	0.729	ug/l	93
37) Ethyl Acetate	7.404	43	8232m	0.833	ug/l	
38) Carbon Tetrachloride	8.198	117	6750	0.753	ug/l #	78
39) Methylcyclohexane	9.451	83	7201	0.644	ug/l	94
40) Benzene	8.457	78	21007	0.757	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	2656	0.552	ug/l #	90
42) 1,2-Dichloroethane	8.522	62	7363	0.767	ug/l	98
43) Isopropyl Acetate	8.563	43	17438	0.994	ug/l #	83
44) Trichloroethene	9.210	130	5349	0.733	ug/l	93
45) 1,2-Dichloropropane	9.480	63	5198	0.760	ug/l	90
46) Dibromomethane	9.575	93	3531	0.754	ug/l	95
47) Bromodichloromethane	9.757	83	6611	0.717	ug/l	96
48) Methyl methacrylate	9.551	41	5012	0.704	ug/l	98
49) 1,4-Dioxane	9.569	88	2066	13.179	ug/l #	82
51) 4-Methyl-2-Pentanone	10.327	43	29532	3.047	ug/l	96
52) Toluene	10.498	92	12872	0.721	ug/l	96
53) t-1,3-Dichloropropene	10.710	75	6414	0.640	ug/l	89
54) cis-1,3-Dichloropropene	10.186	75	6494	0.595	ug/l	96
55) 1,1,2-Trichloroethane	10.892	97	5189	0.722	ug/l	91
56) Ethyl methacrylate	10.757	69	6175	0.575	ug/l	98
57) 1,3-Dichloropropane	11.039	76	8178	0.681	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	6582	2.384	ug/l	97
59) 2-Hexanone	11.080	43	21500	3.100	ug/l	92
60) Dibromochloromethane	11.233	129	4550	0.631	ug/l	99
61) 1,2-Dibromoethane	11.339	107	4702	0.646	ug/l	95
64) Tetrachloroethene	10.969	164	4992	0.819	ug/l	86
65) Chlorobenzene	11.763	112	14124	0.769	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.839	131	4573	0.694	ug/l #	62
67) Ethyl Benzene	11.845	91	21743	0.686	ug/l	97
68) m/p-Xylenes	11.945	106	16143	1.340	ug/l	99
69) o-Xylene	12.274	106	7074	0.584	ug/l	87
70) Styrene	12.286	104	10533	0.570	ug/l	96
71) Bromoform	12.463	173	3465	0.668	ug/l #	97
73) Isopropylbenzene	12.574	105	17026	0.662	ug/l	99
74) N-amyl acetate	12.386	43	5613	0.719	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.821	83	7381	0.858	ug/l	99
76) 1,2,3-Trichloropropane	12.880	75	5742m	0.814	ug/l	
77) Bromobenzene	12.857	156	5341	0.826	ug/l	97
78) n-propylbenzene	12.915	91	19363	0.699	ug/l	99
79) 2-Chlorotoluene	13.004	91	13295	0.766	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	14292	0.704	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	1370m	0.560	ug/l	
82) 4-Chlorotoluene	13.098	91	11861	0.733	ug/l	95
83) tert-Butylbenzene	13.315	119	13174	0.707	ug/l	94
84) 1,2,4-Trimethylbenzene	13.363	105	13512	0.680	ug/l	92
85) sec-Butylbenzene	13.492	105	15436	0.627	ug/l	100
86) p-Isopropyltoluene	13.610	119	12064	0.617	ug/l	96
87) 1,3-Dichlorobenzene	13.610	146	8022	0.769	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	8688m	0.839	ug/l	
89) n-Butylbenzene	13.933	91	10306	0.698	ug/l	94
90) Hexachloroethane	14.204	117	2595	0.707	ug/l	94
91) 1,2-Dichlorobenzene	13.986	146	7820	0.765	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.598	75	1125	0.756	ug/l	79
93) 1,2,4-Trichlorobenzene	15.257	180	3142	0.696	ug/l	92
94) Hexachlorobutadiene	15.362	225	2560	0.900	ug/l	91
95) Naphthalene	15.498	128	6333	0.515	ug/l #	97
96) 1,2,3-Trichlorobenzene	15.698	180	2836	0.627	ug/l	95

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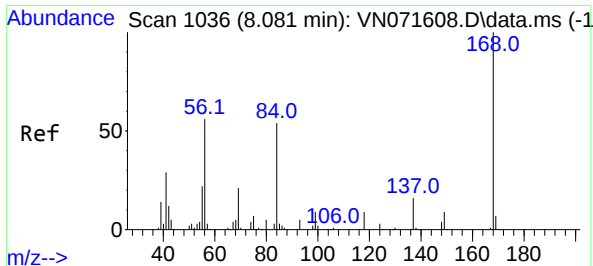
Manual Integrations
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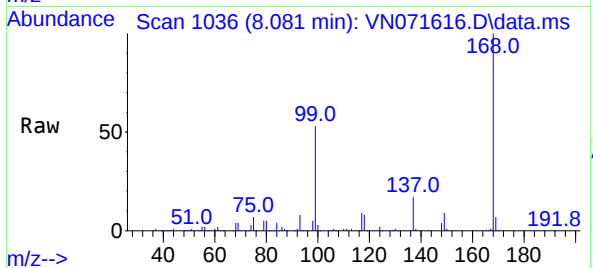
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071616.D
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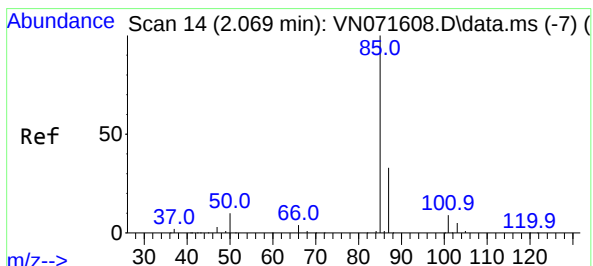
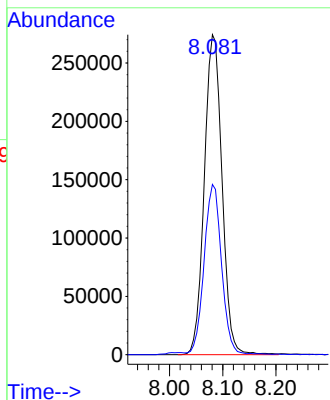
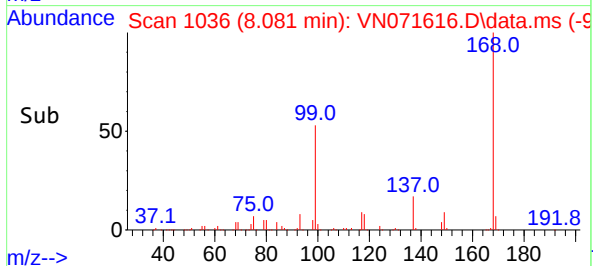
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2022



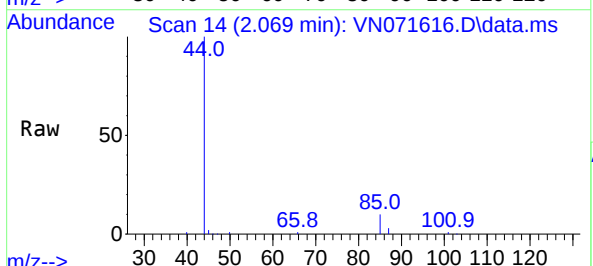
Tgt Ion:168 Resp: 63359
Ion Ratio Lower Upper
168 100
99 53.0 42.3 63.5

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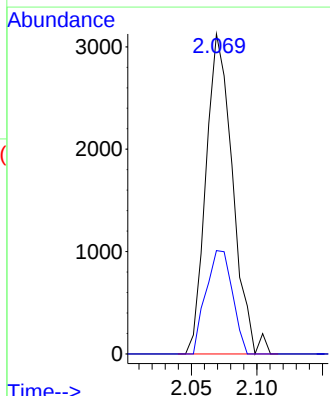
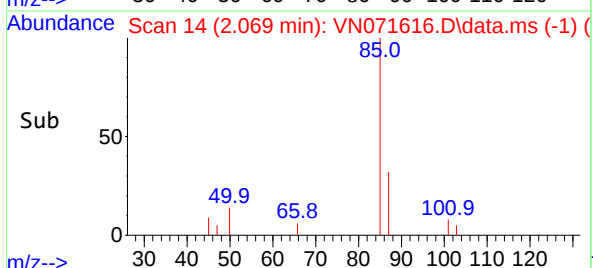
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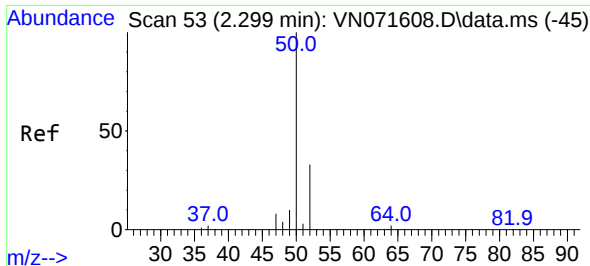


#2
Dichlorodifluoromethane
Concen: 0.712 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45



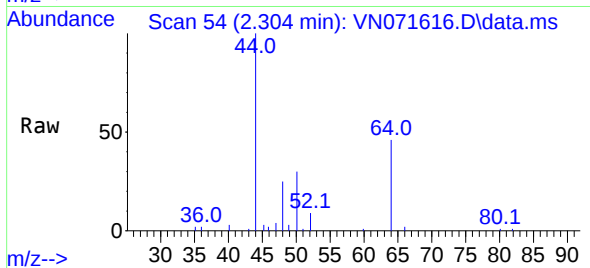
Tgt Ion: 85 Resp: 4419
Ion Ratio Lower Upper
85 100
87 32.3 15.7 47.1





#3
Chloromethane
Concen: 1.030 ug/l
RT: 2.304 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45

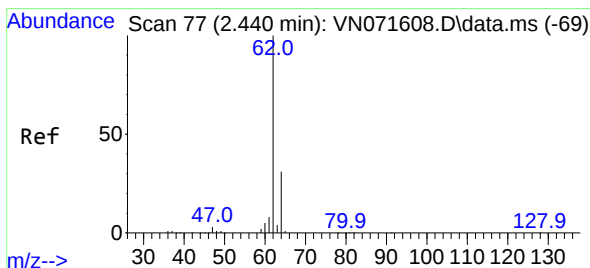
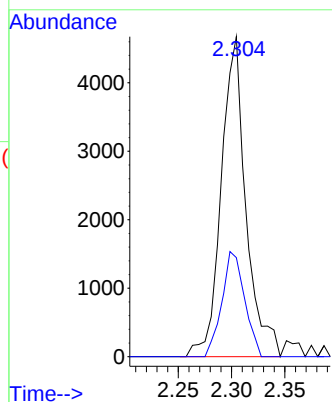
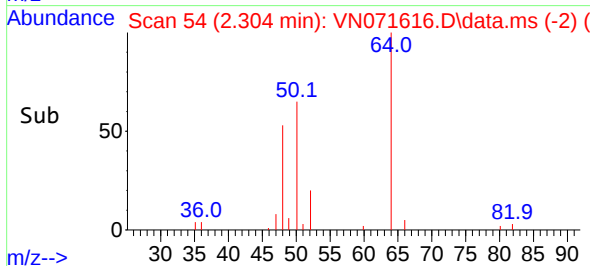
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Tgt Ion: 50 Resp: 752
Ion Ratio Lower Upper
50 100
52 30.9 25.7 38.5

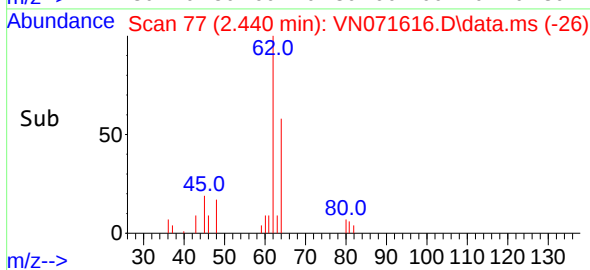
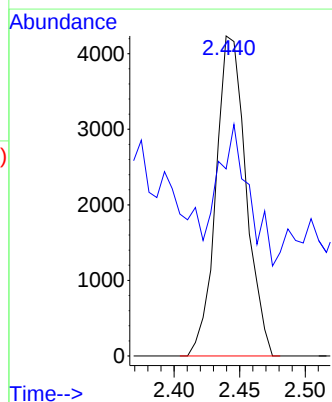
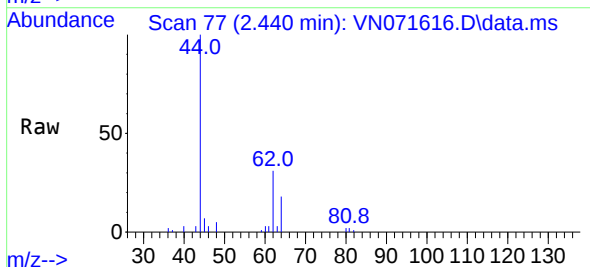
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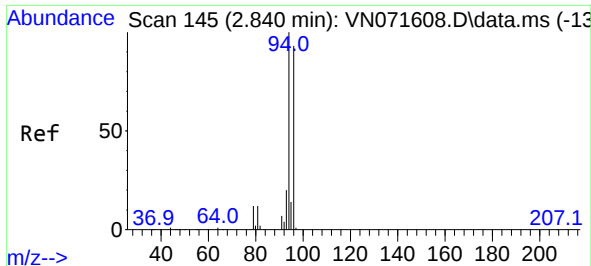
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#4
Vinyl Chloride
Concen: 0.833 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.000 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45

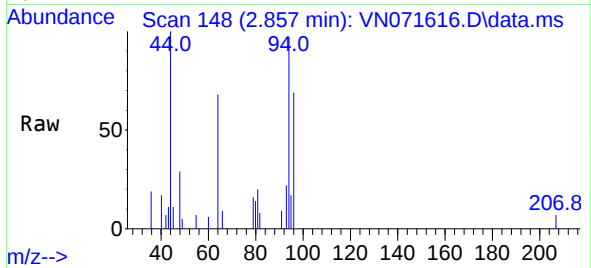
Tgt Ion: 62 Resp: 6760
Ion Ratio Lower Upper
62 100
64 26.0 25.0 37.4





#5
Bromomethane
Concen: 1.528 ug/l
RT: 2.857 min Scan# 145
Delta R.T. 0.017 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45

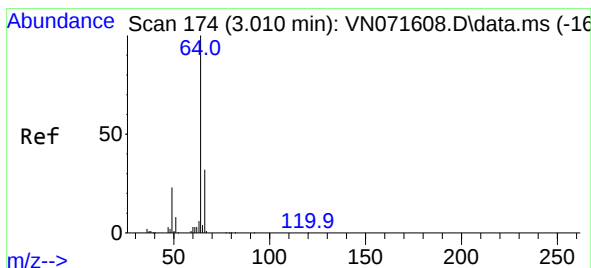
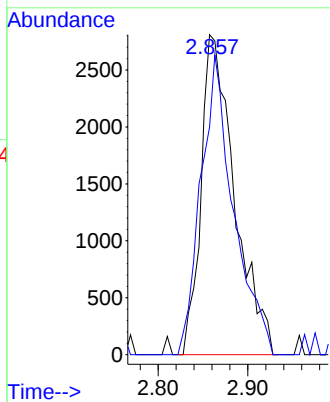
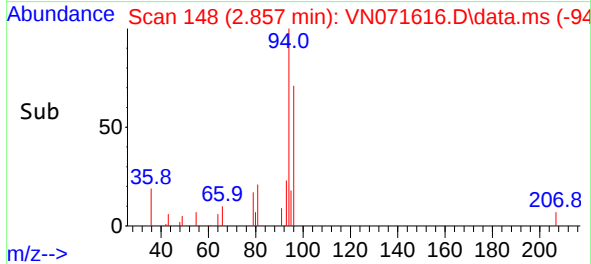
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Tgt Ion: 94 Resp: 7280
Ion Ratio Lower Upper
94 100
96 71.1 76.0 114.0

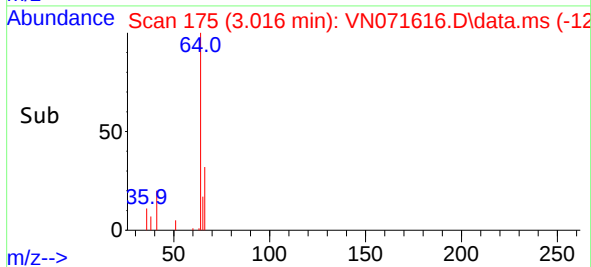
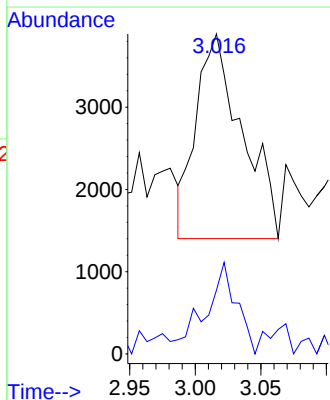
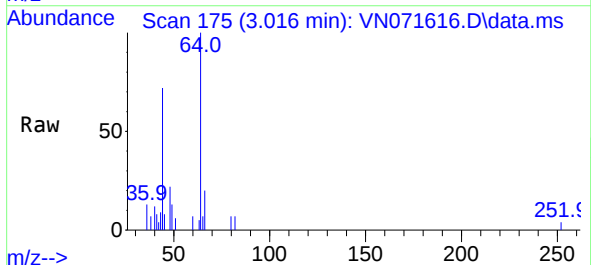
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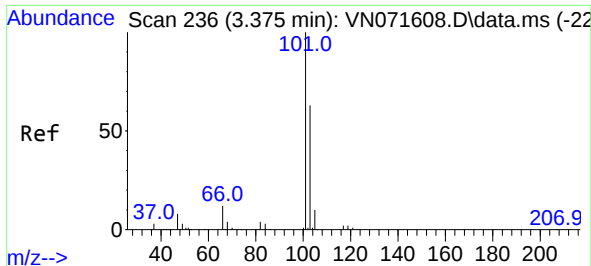
Reviewed By :John Carlone 03/29/2022
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#6
Chloroethane
Concen: 1.038 ug/l
RT: 3.016 min Scan# 175
Delta R.T. 0.006 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45

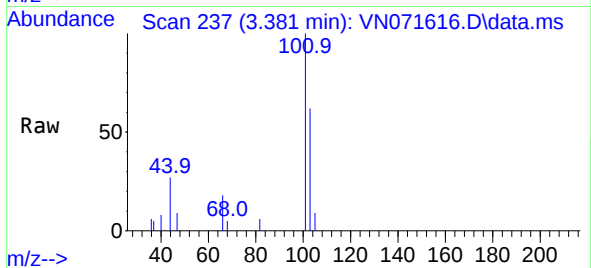
Tgt Ion: 64 Resp: 6087
Ion Ratio Lower Upper
64 100
66 24.2 26.2 39.4





#7
Trichlorofluoromethane
Concen: 0.782 ug/l
RT: 3.381 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45

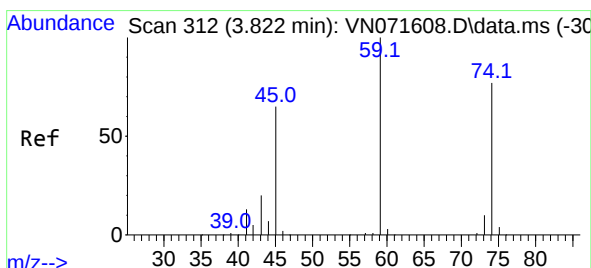
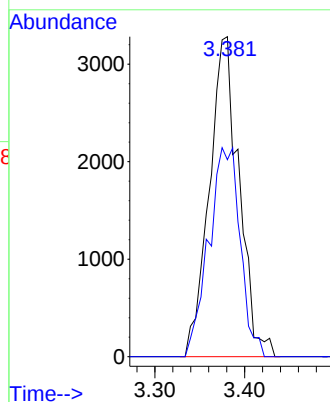
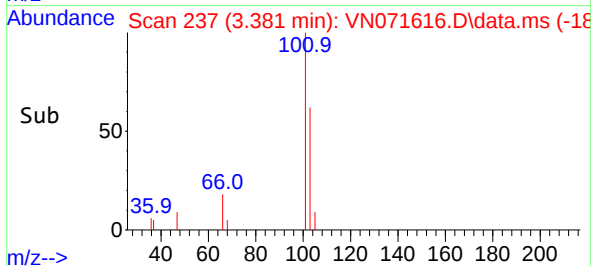
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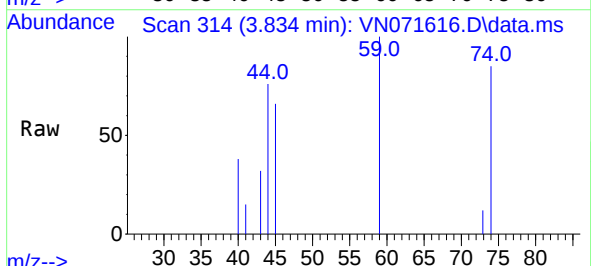
Tgt Ion:101 Resp: 7564
Ion Ratio Lower Upper
101 100
103 61.6 51.5 77.3

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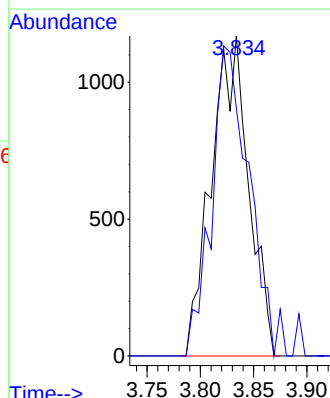
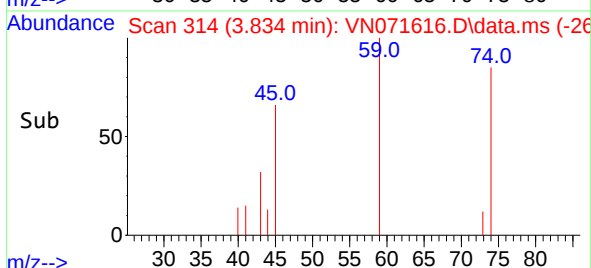
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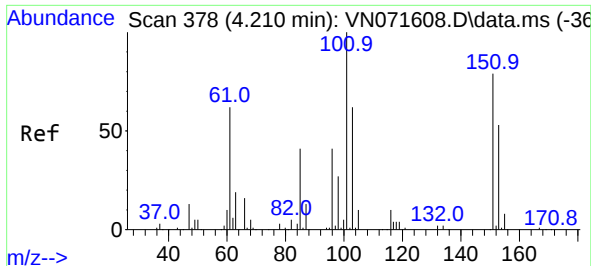


#8
Diethyl Ether
Concen: 0.709 ug/l
RT: 3.834 min Scan# 314
Delta R.T. 0.012 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45



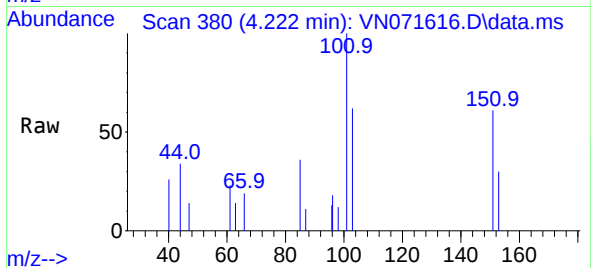
Tgt Ion: 74 Resp: 2855
Ion Ratio Lower Upper
74 100
45 97.1 42.9 128.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.683 ug/l
RT: 4.222 min Scan# 380
Delta R.T. 0.012 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45

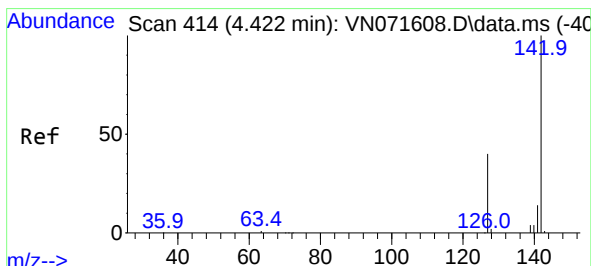
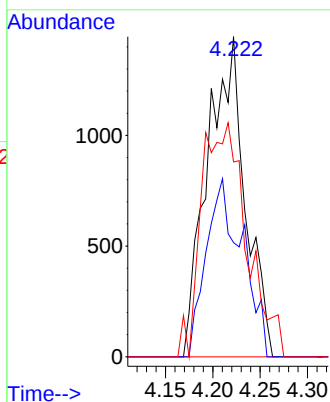
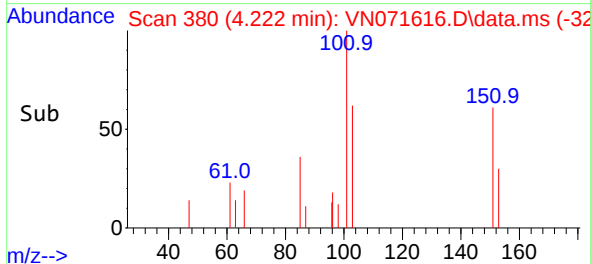
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



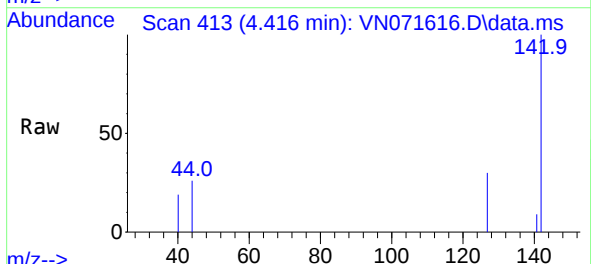
Tgt Ion:101 Resp: 4010
Ion Ratio Lower Upper
101 100
85 53.1 34.7 52.1
151 87.6 63.0 94.4

Manual Integrations
APPROVED

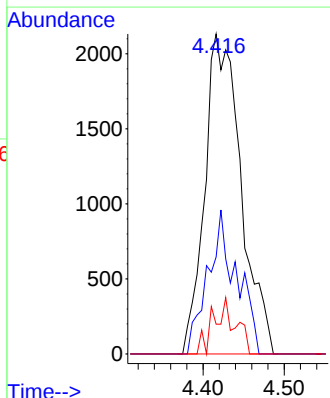
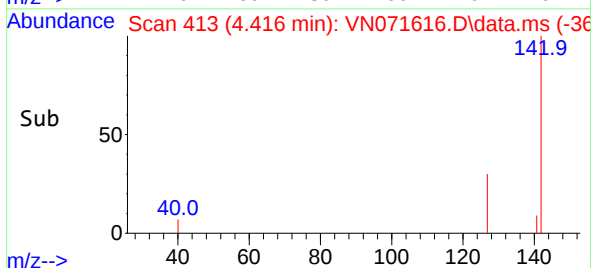
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

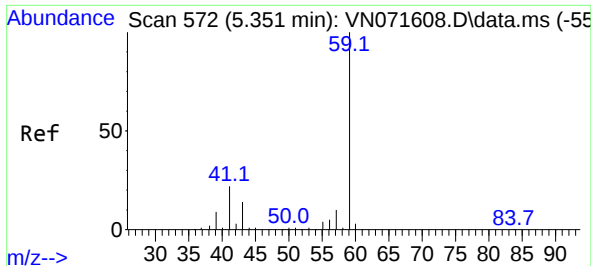


#10
Methyl Iodide
Concen: 0.761 ug/l
RT: 4.416 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45



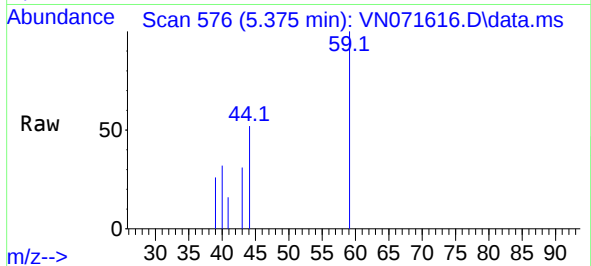
Tgt Ion:142 Resp: 6594
Ion Ratio Lower Upper
142 100
127 35.9 31.3 46.9
141 10.6 11.2 16.8#





#11
Tert butyl alcohol
Concen: 3.033 ug/l m
RT: 5.375 min Scan# 51
Delta R.T. 0.023 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45

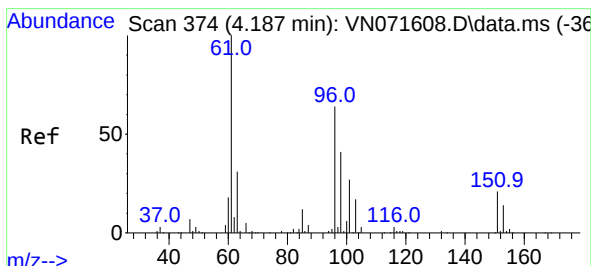
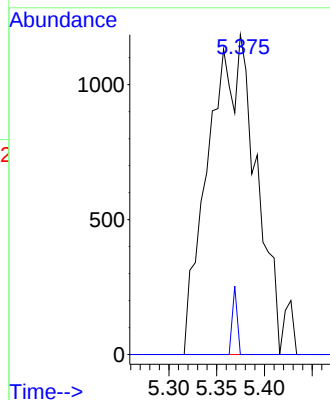
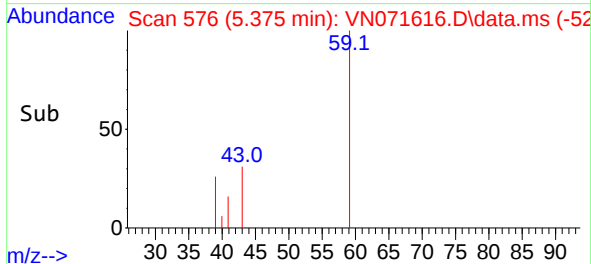
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



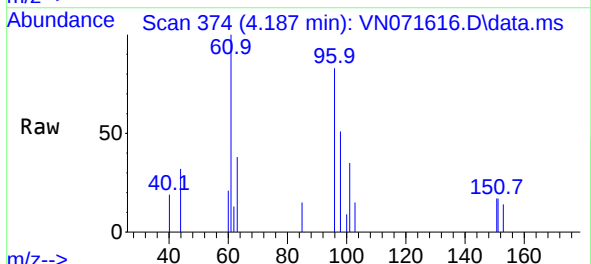
Tgt Ion: 59 Resp: 4069
Ion Ratio Lower Upper
59 100
57 2.2 8.3 12.5

Manual Integrations
APPROVED

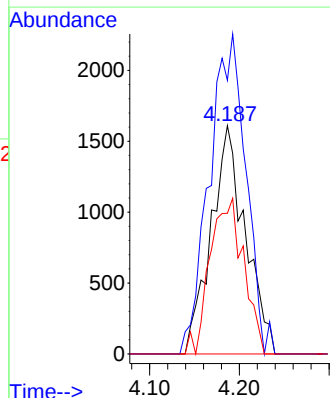
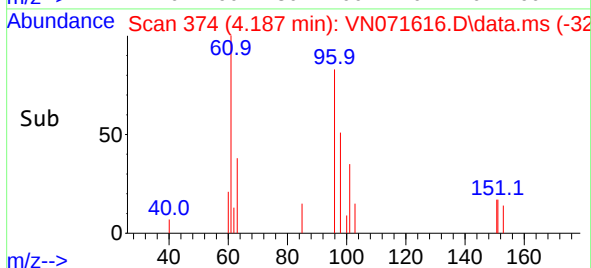
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

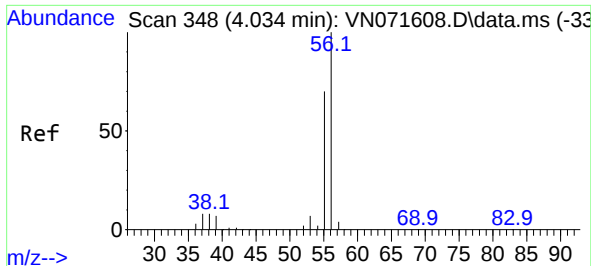


#12
1,1-Dichloroethene
Concen: 0.752 ug/l
RT: 4.187 min Scan# 374
Delta R.T. -0.000 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45



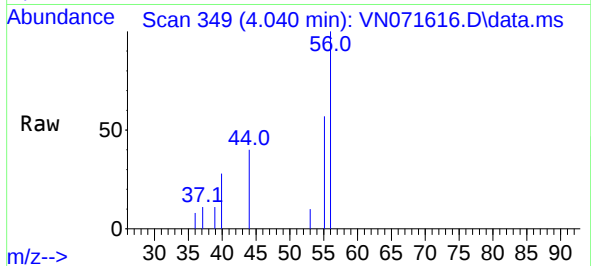
Tgt Ion: 96 Resp: 4274
Ion Ratio Lower Upper
96 100
61 119.9 127.6 191.4#
98 61.6 51.2 76.8





#13
Acrolein
Concen: 4.174 ug/l
RT: 4.040 min Scan# 348
Delta R.T. 0.006 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45

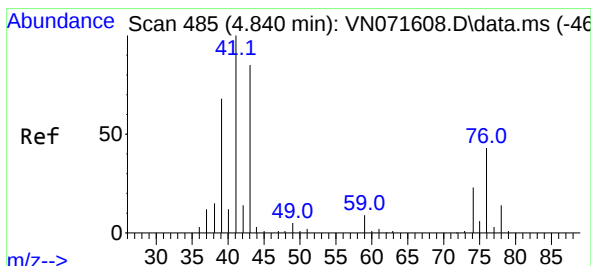
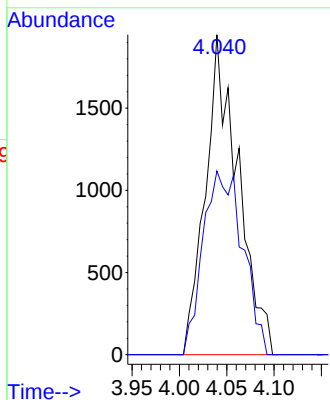
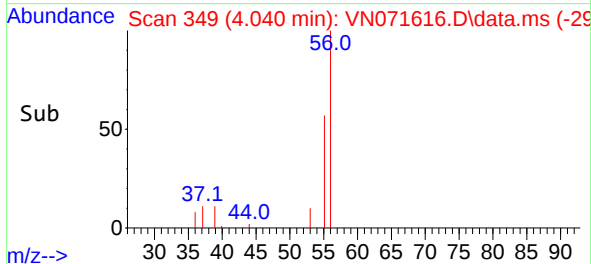
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



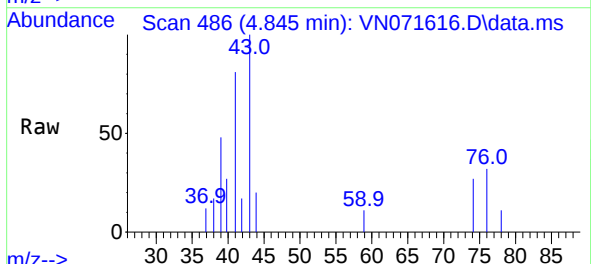
Tgt Ion: 56 Resp: 4672
Ion Ratio Lower Upper
56 100
55 69.6 54.8 82.2

Manual Integrations
APPROVED

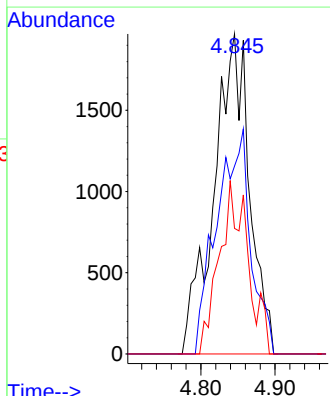
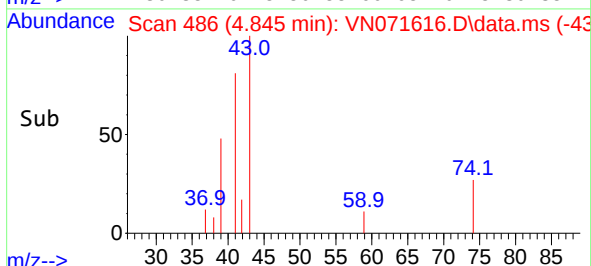
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

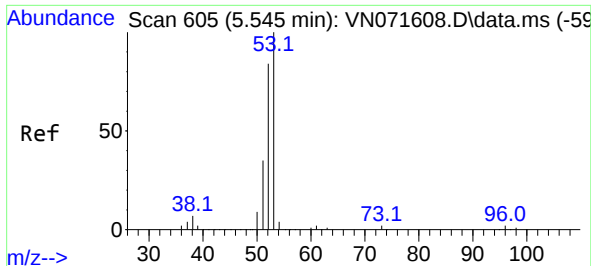


#14
Allyl chloride
Concen: 0.726 ug/l
RT: 4.845 min Scan# 486
Delta R.T. 0.006 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45



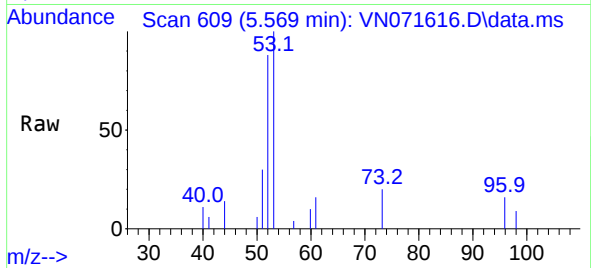
Tgt Ion: 41 Resp: 6588
Ion Ratio Lower Upper
41 100
39 67.0 53.2 79.8
76 39.9 29.9 44.9





#15
Acrylonitrile
Concen: 3.627 ug/l
RT: 5.569 min Scan# 605
Delta R.T. 0.023 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45

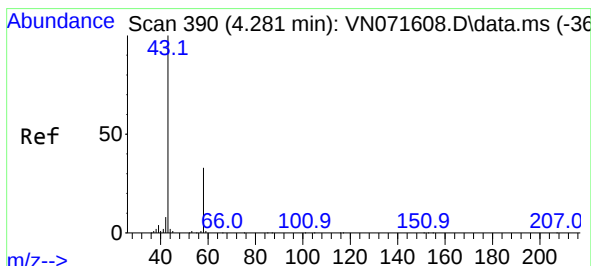
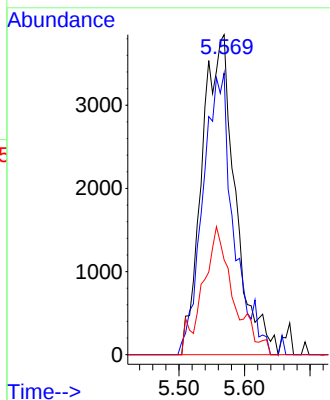
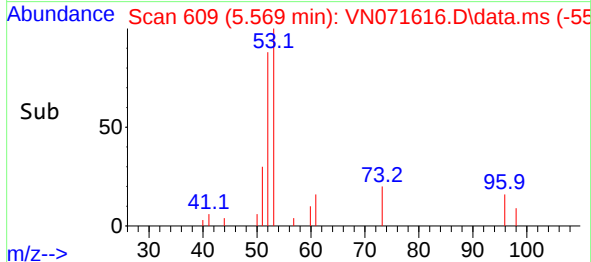
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



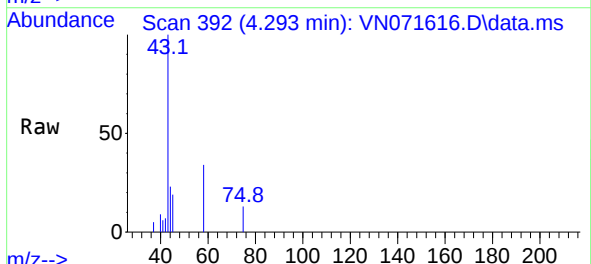
Tgt Ion: 53 Resp: 1358
Ion Ratio Lower Upper
53 100
52 81.3 66.4 99.6
51 37.0 28.5 42.7

Manual Integrations
APPROVED

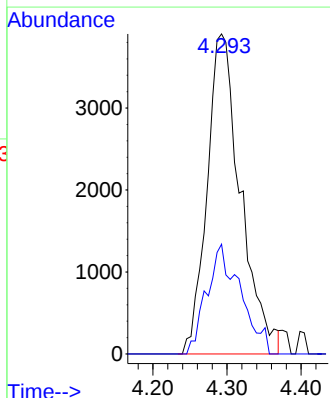
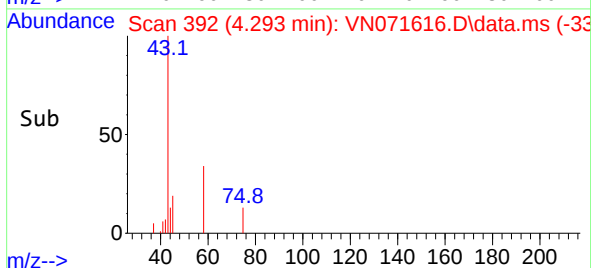
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

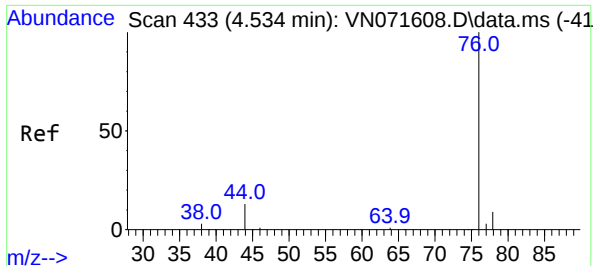


#16
Acetone
Concen: 3.914 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.012 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45



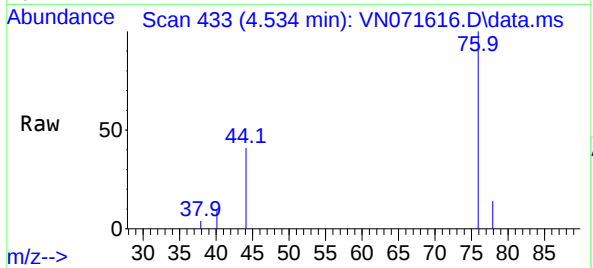
Tgt Ion: 43 Resp: 12258
Ion Ratio Lower Upper
43 100
58 34.3 26.0 39.0





#17
Carbon Disulfide
Concen: 0.895 ug/l
RT: 4.534 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45

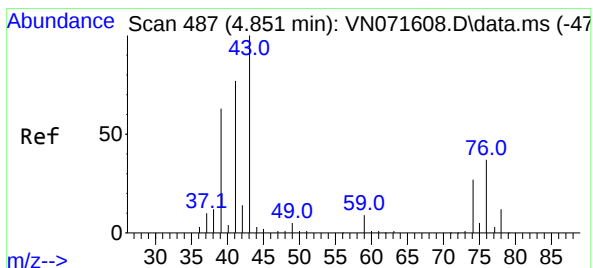
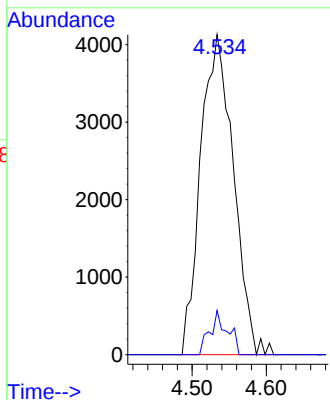
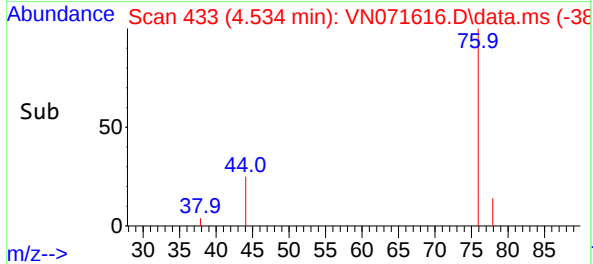
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



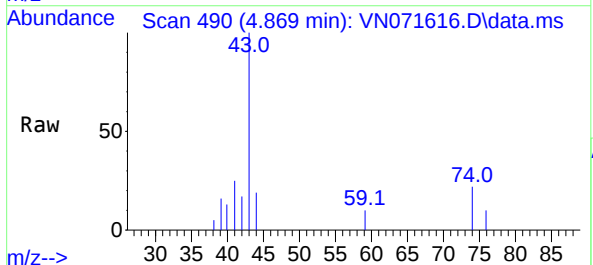
Tgt Ion: 76 Resp: 12678
Ion Ratio Lower Upper
76 100
78 13.8 7.2 10.8

Manual Integrations
APPROVED

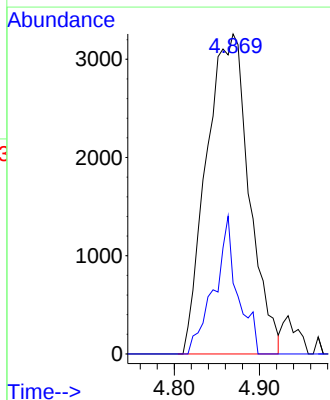
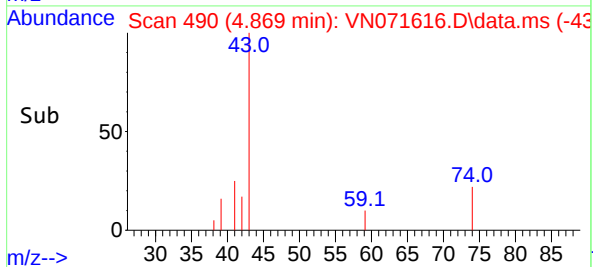
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

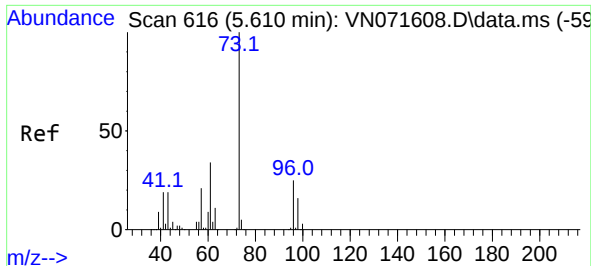


#18
Methyl Acetate
Concen: 1.407 ug/l
RT: 4.869 min Scan# 490
Delta R.T. 0.018 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45



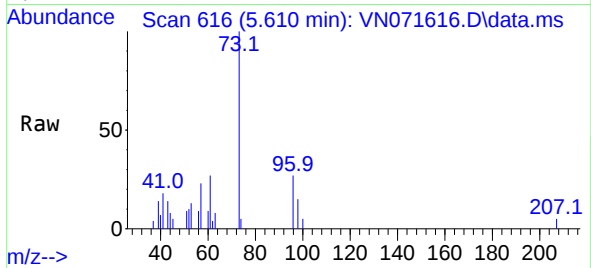
Tgt Ion: 43 Resp: 11310
Ion Ratio Lower Upper
43 100
74 23.6 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 0.721 ug/l
RT: 5.610 min Scan# 616
Delta R.T. -0.000 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45

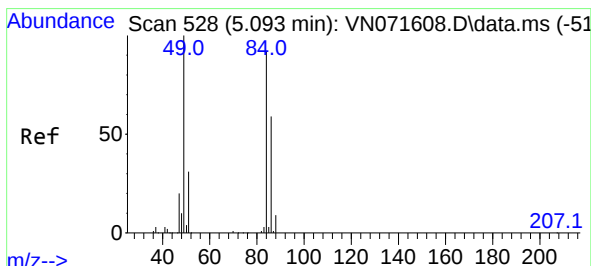
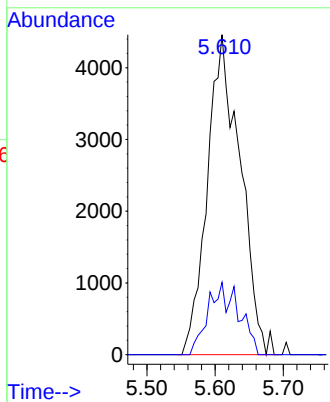
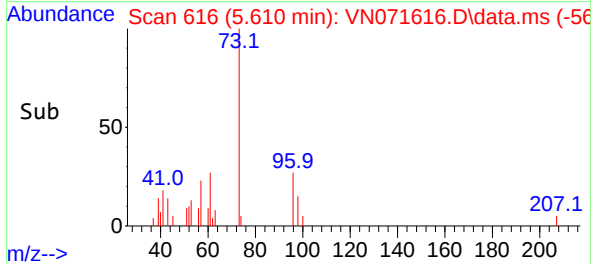
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



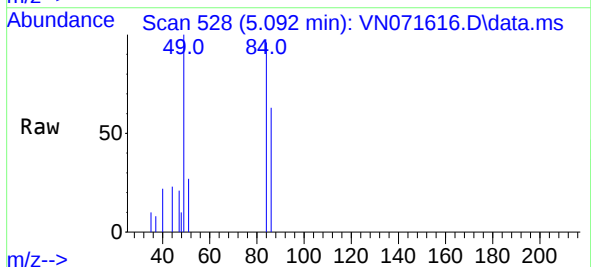
Tgt Ion: 73 Resp: 1498
Ion Ratio Lower Upper
73 100
57 22.6 17.6 26.4

Manual Integrations
APPROVED

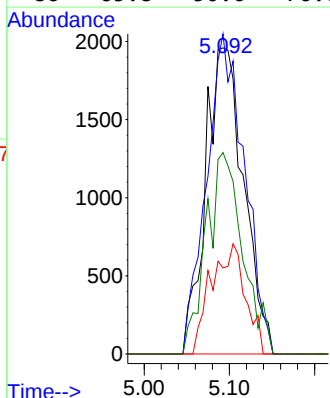
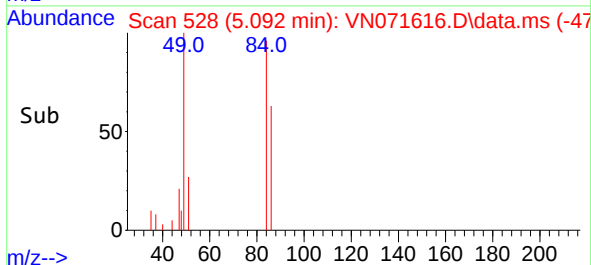
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

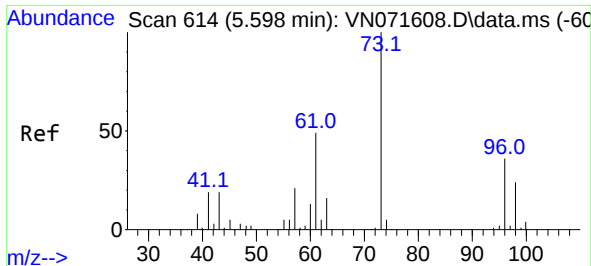


#20
Methylene Chloride
Concen: 0.884 ug/l
RT: 5.092 min Scan# 528
Delta R.T. -0.001 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45



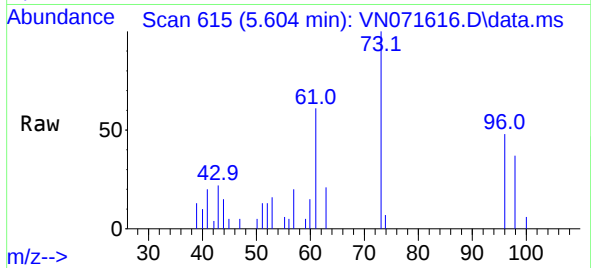
Tgt Ion: 84 Resp: 6122
Ion Ratio Lower Upper
84 100
49 104.5 88.3 132.5
51 28.1 28.2 42.2#
86 65.8 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 0.791 ug/l
RT: 5.604 min Scan# 614
Delta R.T. 0.006 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45

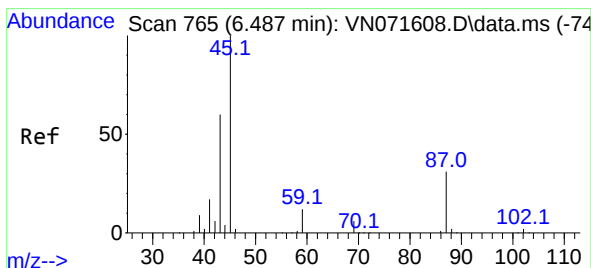
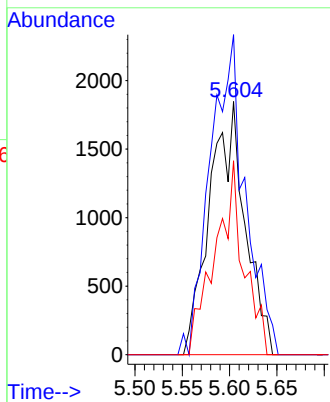
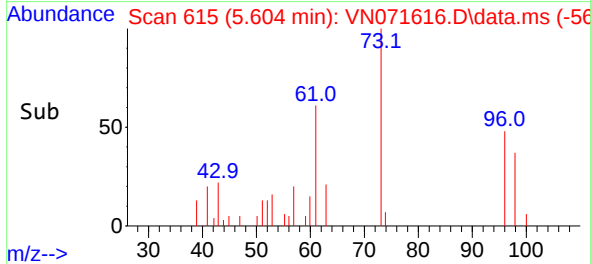
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



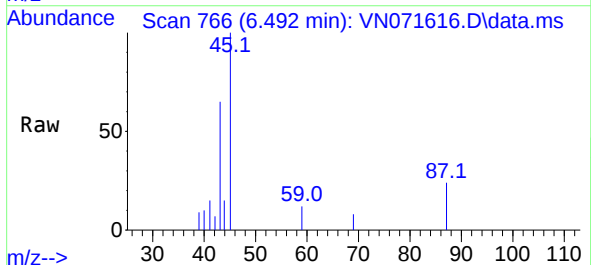
Tgt Ion: 96 Resp: 4810
Ion Ratio Lower Upper
96 100
61 126.4 105.8 158.8
98 76.6 50.3 75.5

Manual Integrations
APPROVED

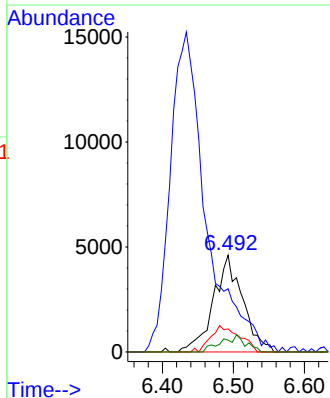
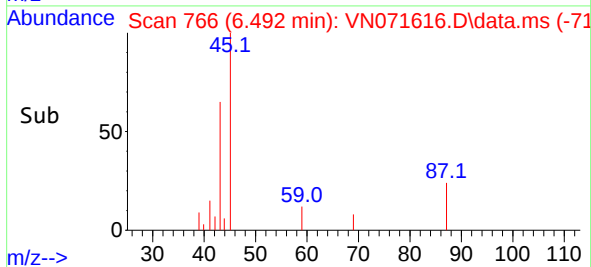
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

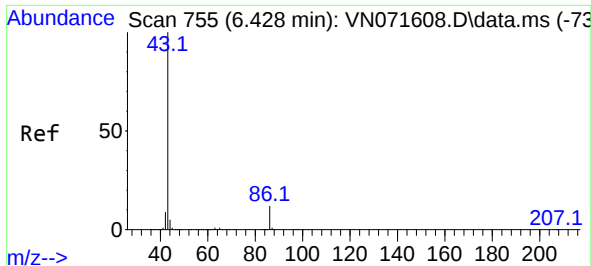


#22
Diisopropyl ether
Concen: 0.680 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.006 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45



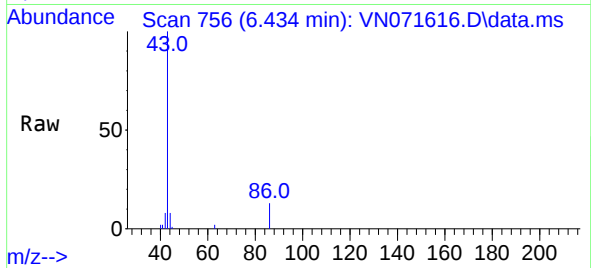
Tgt Ion: 45 Resp: 13188
Ion Ratio Lower Upper
45 100
43 65.3 46.6 70.0
87 23.8 24.3 36.5
59 12.2 9.6 14.4





#23
 Vinyl Acetate
 Concen: 3.274 ug/l
 RT: 6.434 min Scan# 756
 Delta R.T. 0.006 min
 Lab File: VN071616.D
 Acq: 28 Mar 2022 20:45

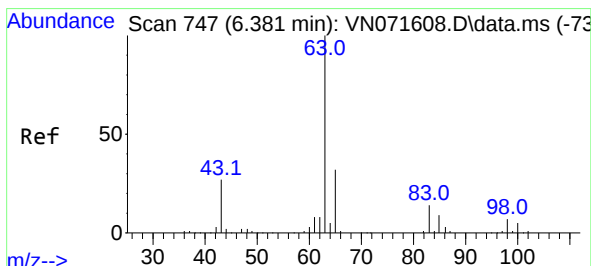
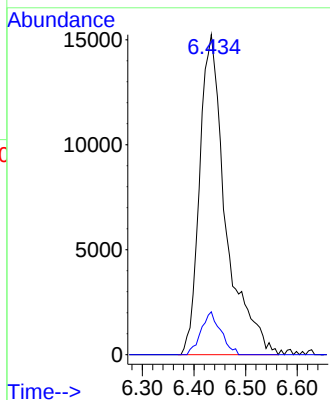
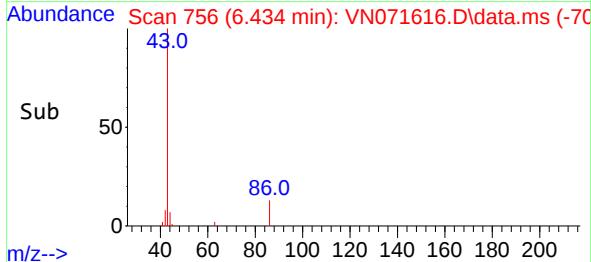
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2022



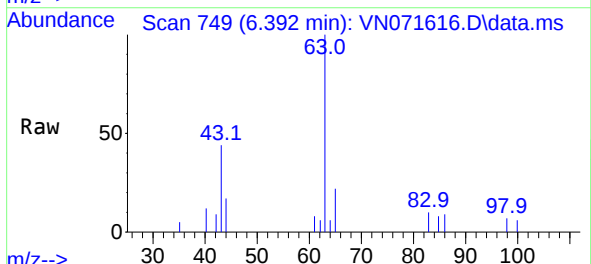
Tgt Ion: 43 Resp: 5359
 Ion Ratio Lower Upper
 43 100
 86 13.4 10.0 15.0

Manual Integrations
 APPROVED

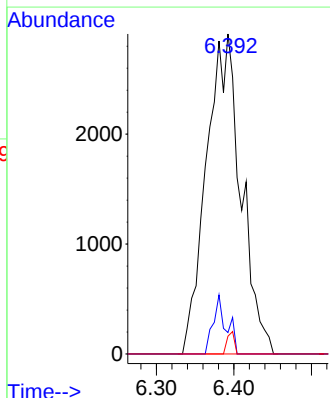
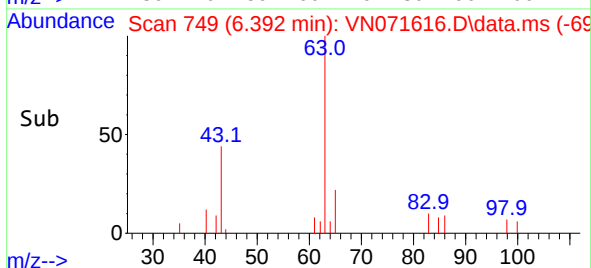
Reviewed By :John Carlone 03/29/2022
 Supervised By :Mahesh Dadoda 03/30/2022

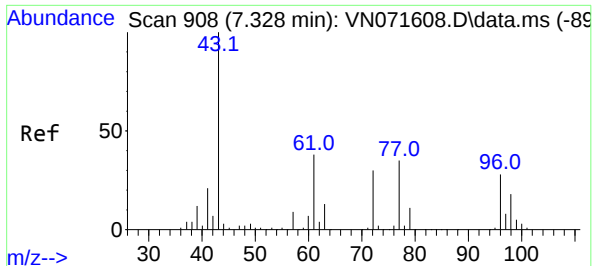


#24
 1,1-Dichloroethane
 Concen: 0.783 ug/l
 RT: 6.392 min Scan# 749
 Delta R.T. 0.012 min
 Lab File: VN071616.D
 Acq: 28 Mar 2022 20:45



Tgt Ion: 63 Resp: 9049
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.4
 100 5.6 2.3 6.8





#25

2-Butanone

Concen: 3.530 ug/l

RT: 7.333 min Scan# 908

Delta R.T. 0.006 min

Lab File: VN071616.D

Acq: 28 Mar 2022 20:45

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2022

Tgt Ion: 43 Resp: 1720

Ion Ratio Lower Upper

43 100

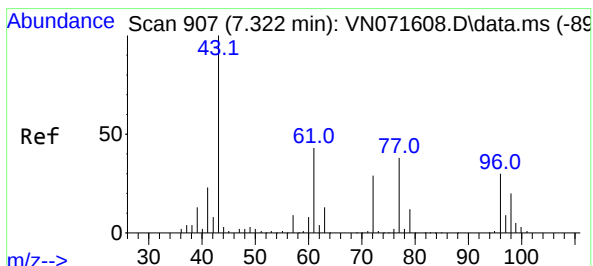
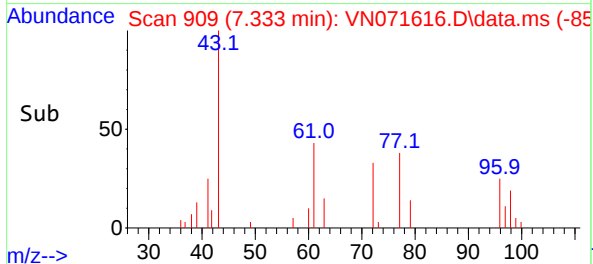
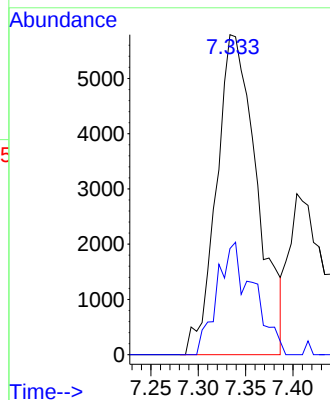
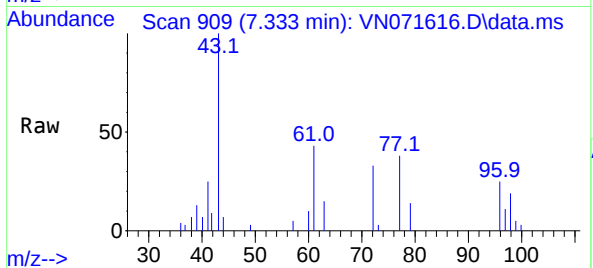
72 33.1 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2022

Supervised By :Mahesh Dadoda 03/30/2022



#26

2,2-Dichloropropane

Concen: 0.701 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.000 min

Lab File: VN071616.D

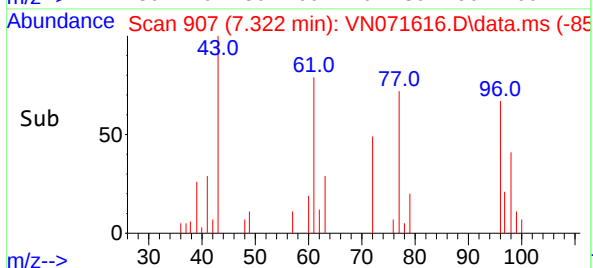
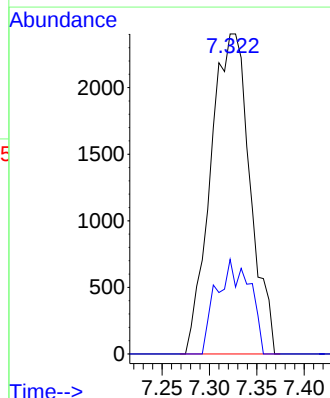
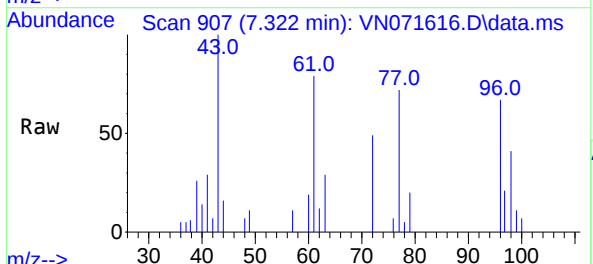
Acq: 28 Mar 2022 20:45

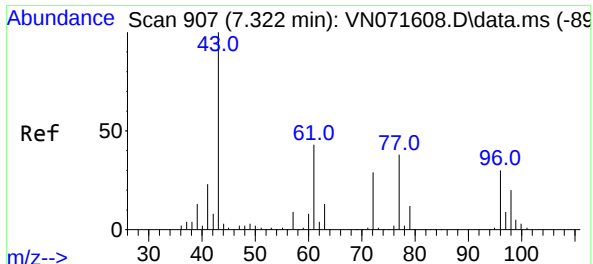
Tgt Ion: 77 Resp: 6966

Ion Ratio Lower Upper

77 100

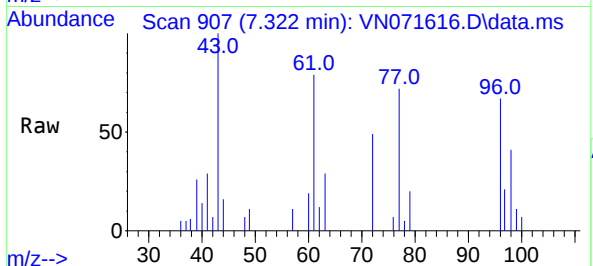
97 24.9 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 0.732 ug/l
 RT: 7.322 min Scan# 907
 Delta R.T. -0.000 min
 Lab File: VN071616.D
 Acq: 28 Mar 2022 20:45

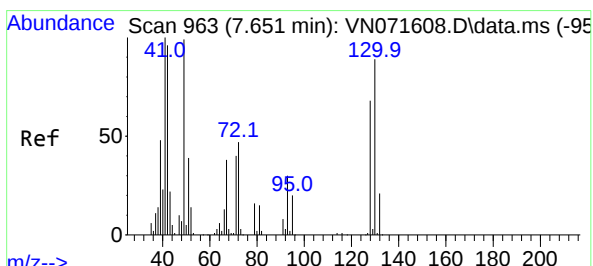
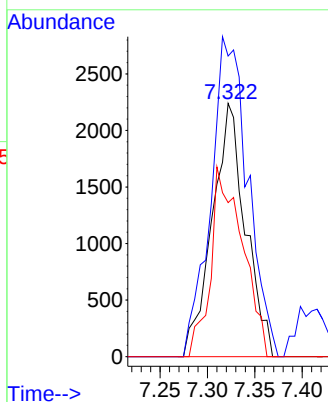
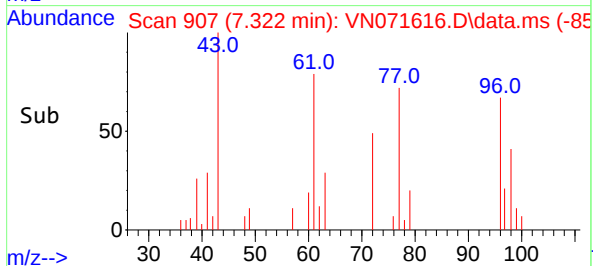
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2022



Tgt Ion: 96 Resp: 5468
 Ion Ratio Lower Upper
 96 100
 61 141.0 0.0 280.6
 98 71.7 0.0 128.4

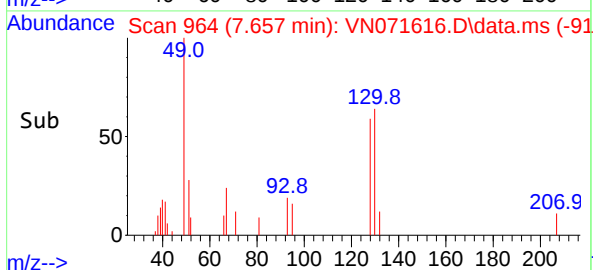
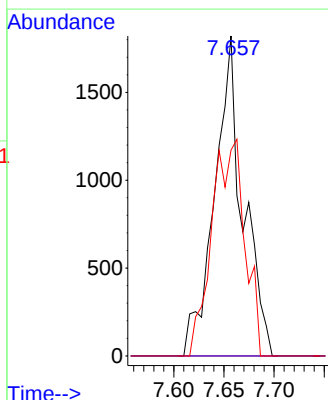
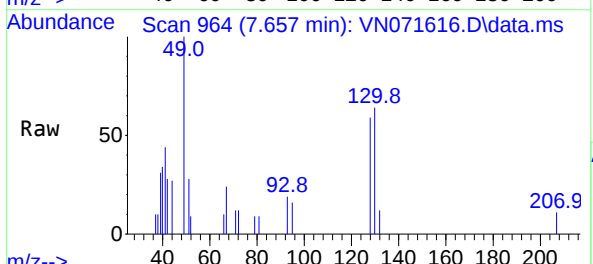
Manual Integrations
 APPROVED

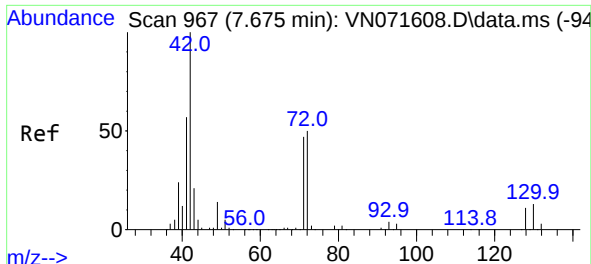
Reviewed By :John Carlone 03/29/2022
 Supervised By :Mahesh Dadoda 03/30/2022



#28
 Bromochloromethane
 Concen: 0.771 ug/l
 RT: 7.657 min Scan# 964
 Delta R.T. 0.006 min
 Lab File: VN071616.D
 Acq: 28 Mar 2022 20:45

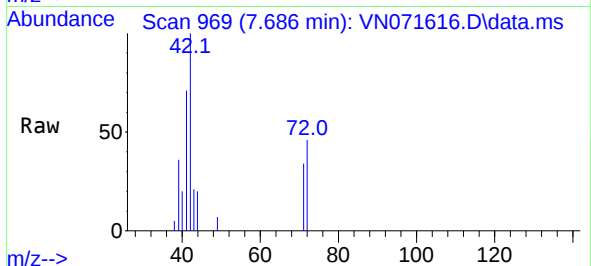
Tgt Ion: 49 Resp: 3600
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.6
 130 78.1 69.7 104.5





#29
Tetrahydrofuran
Concen: 3.778 ug/l
RT: 7.686 min Scan# 90
Delta R.T. 0.012 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45

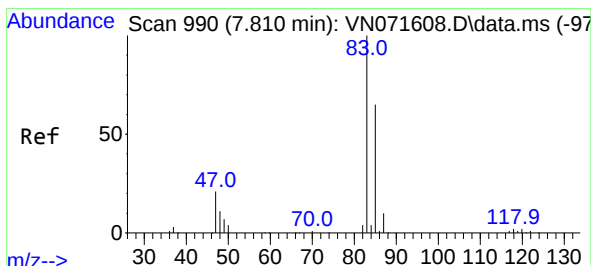
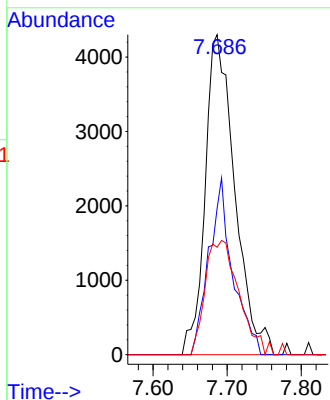
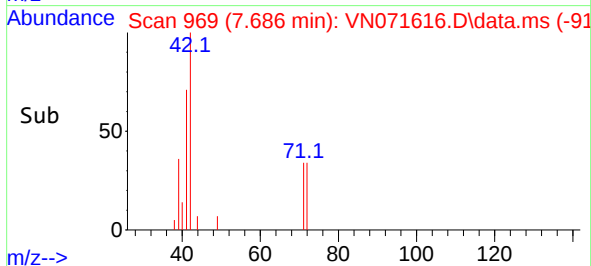
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



Tgt Ion: 42 Resp: 11954
Ion Ratio Lower Upper
42 100
72 44.4 39.7 59.5
71 40.6 36.6 55.0

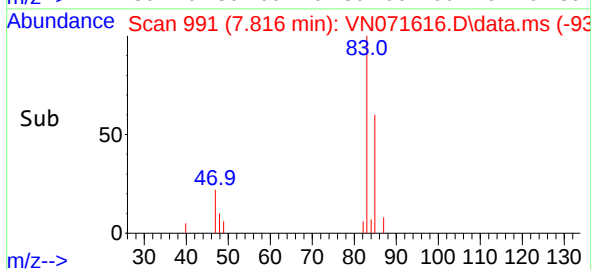
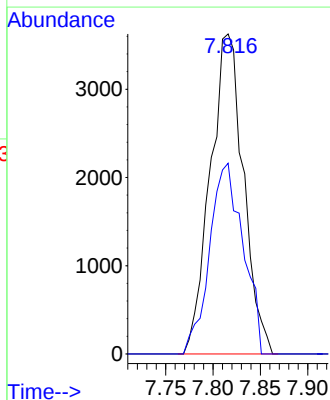
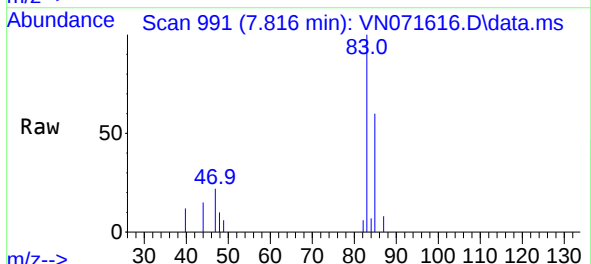
Manual Integrations
APPROVED

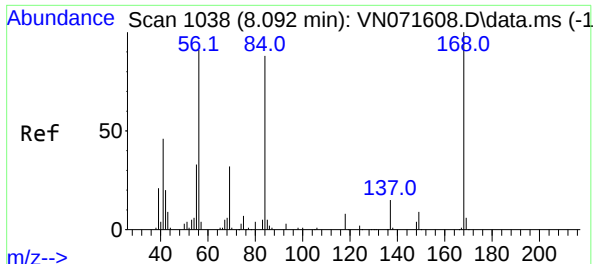
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#30
Chloroform
Concen: 0.747 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45

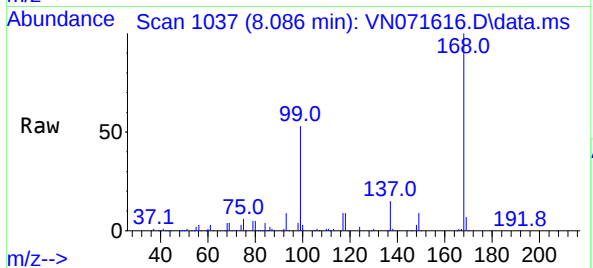
Tgt Ion: 83 Resp: 8851
Ion Ratio Lower Upper
83 100
85 59.6 51.8 77.8





#31
Cyclohexane
Concen: 1.799 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45

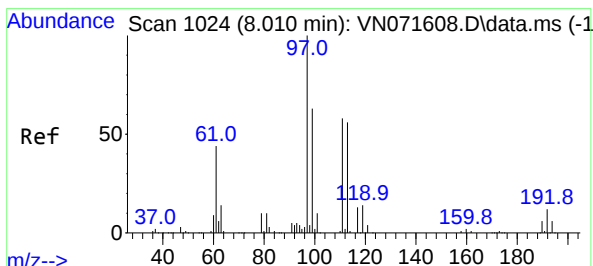
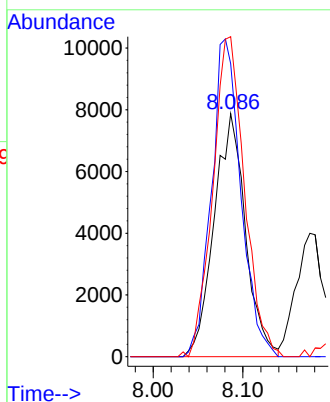
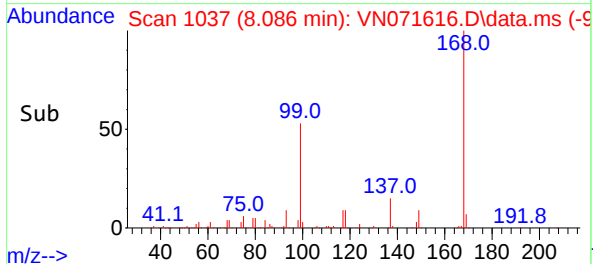
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2022



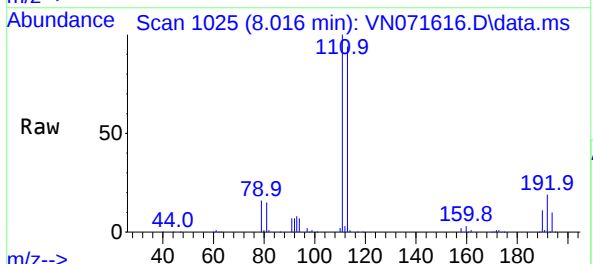
Tgt Ion: 56 Resp: 1908
Ion Ratio Lower Upper
56 100
69 120.5 27.8 41.8
84 131.7 76.9 115.3

Manual Integrations
APPROVED

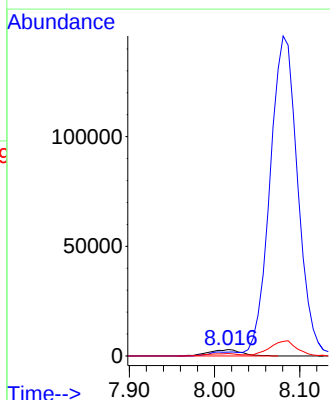
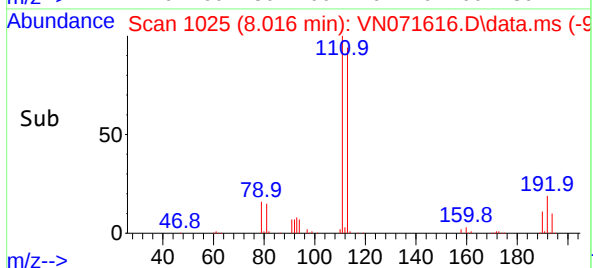
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

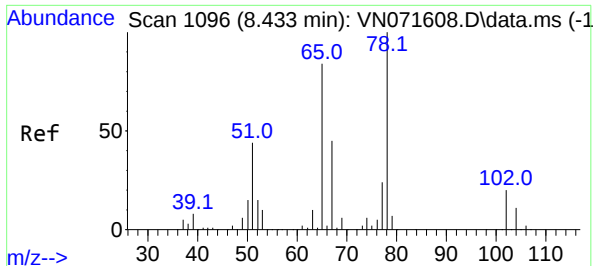


#32
1,1,1-Trichloroethane
Concen: 0.751 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.006 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45



Tgt Ion: 97 Resp: 7713
Ion Ratio Lower Upper
97 100
99 0.0 50.6 76.0
61 37.3 36.0 54.0





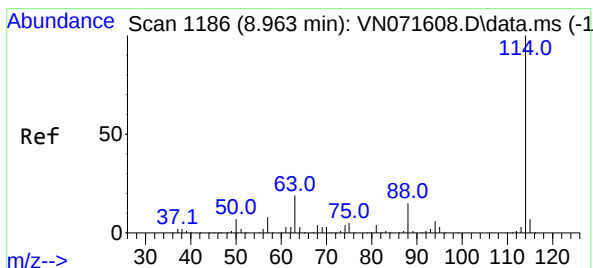
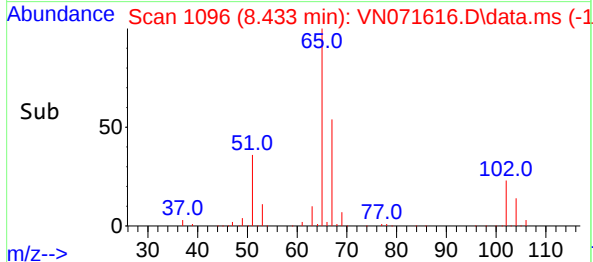
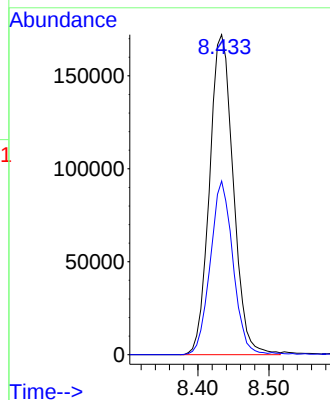
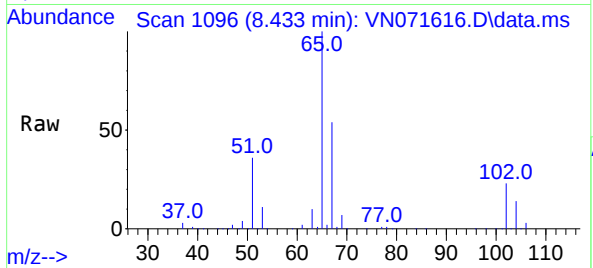
#33
1,2-Dichloroethane-d4
Concen: 52.593 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45

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

Tgt Ion: 65 Resp: 39954
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.8

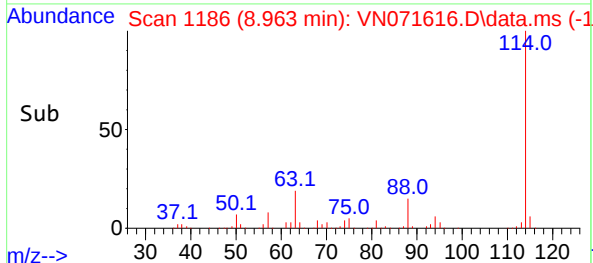
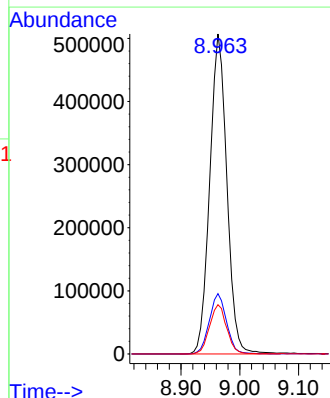
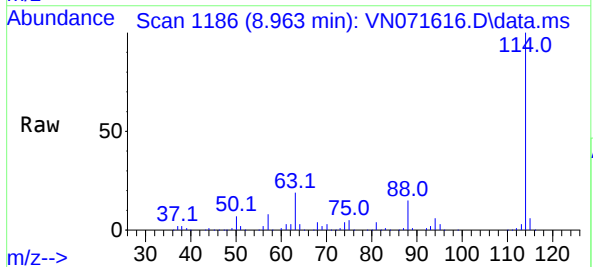
Manual Integrations
APPROVED

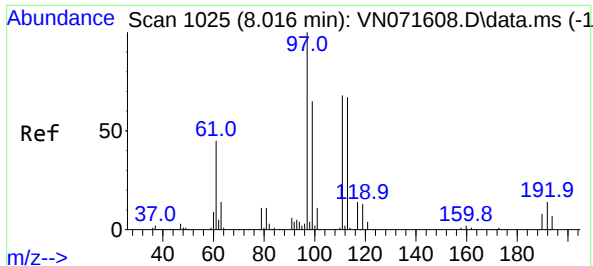
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45

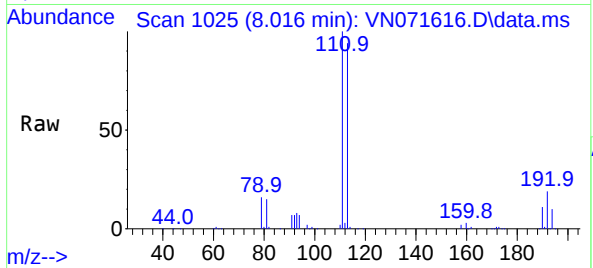
Tgt Ion:114 Resp: 1024011
Ion Ratio Lower Upper
114 100
63 18.9 0.0 40.0
88 15.4 0.0 32.6





#35
Dibromofluoromethane
Concen: 50.197 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45

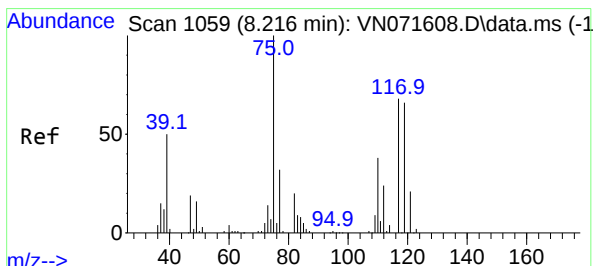
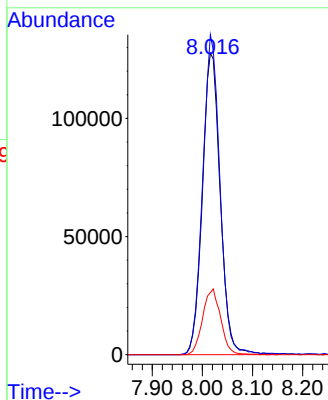
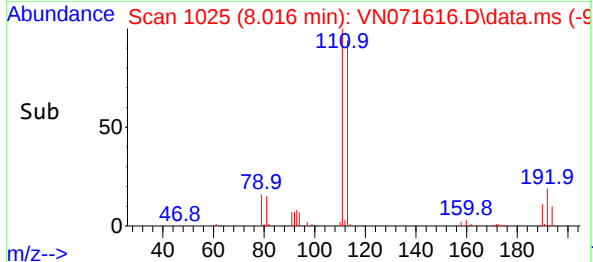
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2022



Tgt Ion:113 Resp: 31568
Ion Ratio Lower Upper
113 100
111 102.9 81.4 122.0
192 22.0 17.0 25.6

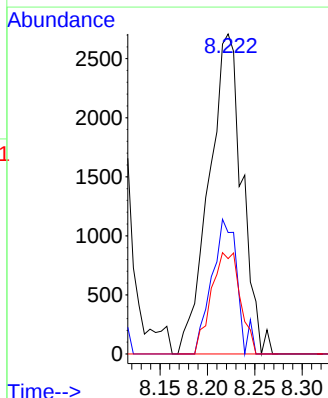
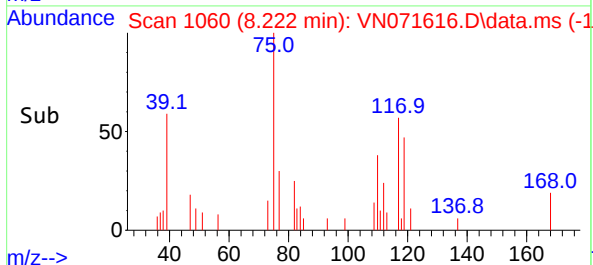
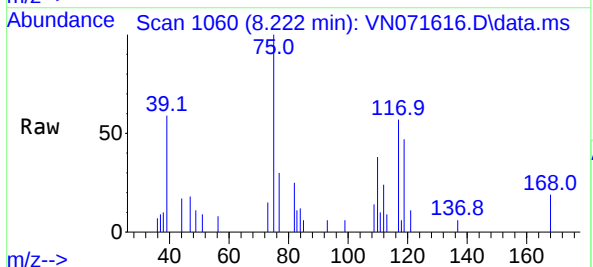
Manual Integrations
APPROVED

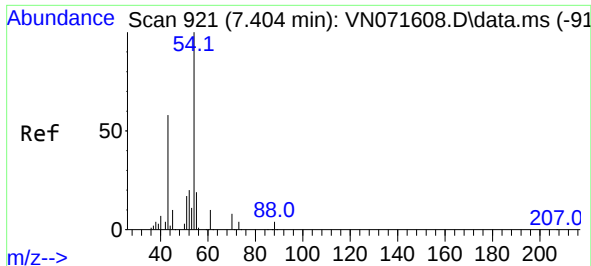
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#36
1,1-Dichloropropene
Concen: 0.729 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45

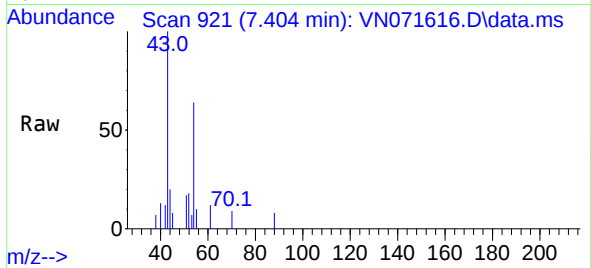
Tgt Ion: 75 Resp: 6589
Ion Ratio Lower Upper
75 100
110 32.3 18.3 54.8
77 27.7 25.1 37.7





#37
Ethyl Acetate
Concen: 0.833 ug/l m
RT: 7.404 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45

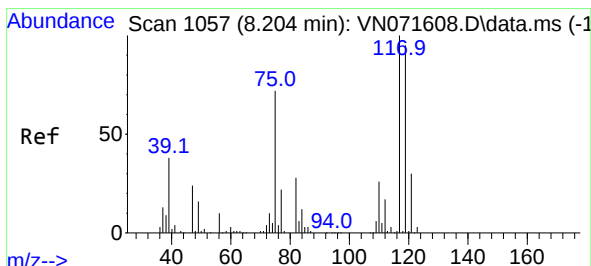
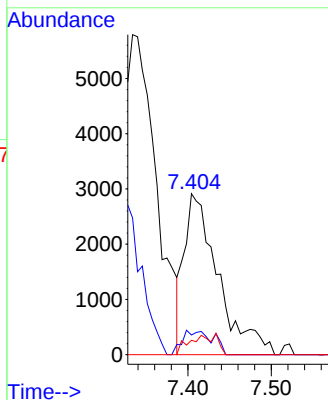
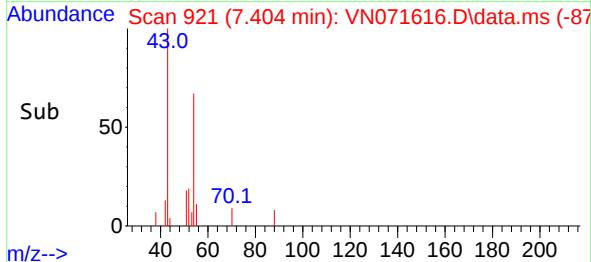
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



Tgt Ion: 43 Resp: 823
Ion Ratio Lower Upper
43 100
61 13.4 11.8 17.6
70 0.0 9.3 13.9

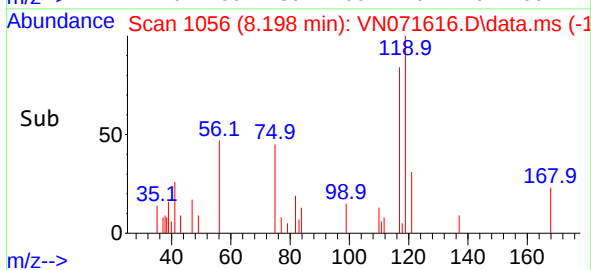
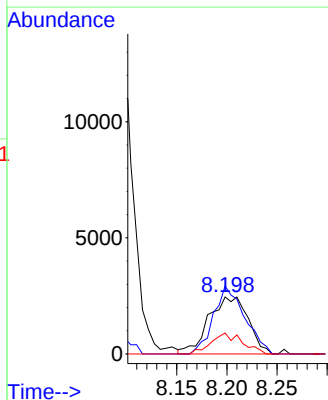
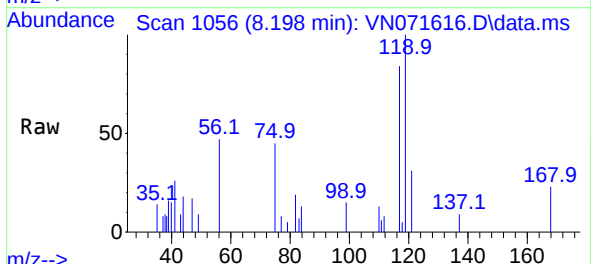
Manual Integrations
APPROVED

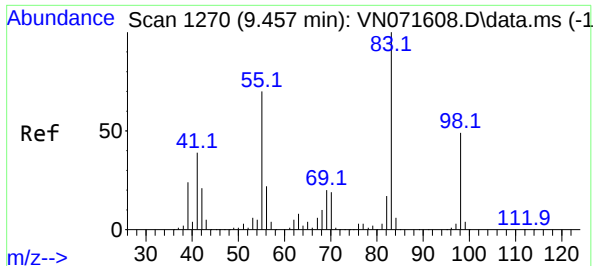
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#38
Carbon Tetrachloride
Concen: 0.753 ug/l
RT: 8.198 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45

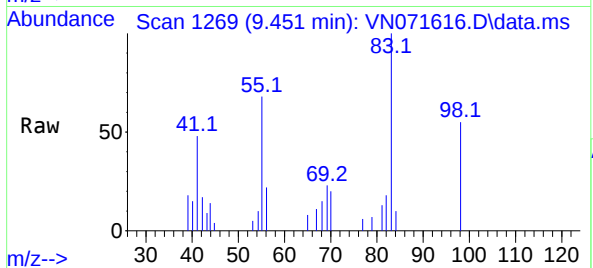
Tgt Ion:117 Resp: 6750
Ion Ratio Lower Upper
117 100
119 119.3 75.8 113.8#
121 36.6 24.6 37.0





#39
Methylcyclohexane
Concen: 0.644 ug/l
RT: 9.451 min Scan# 1100
Delta R.T. -0.006 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45

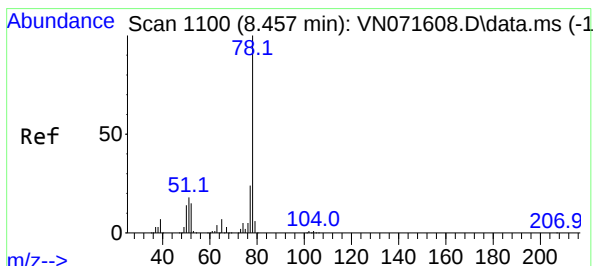
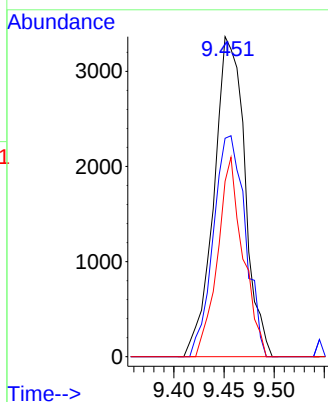
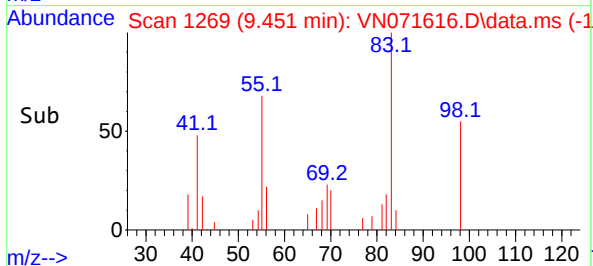
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



Tgt Ion: 83 Resp: 720
Ion Ratio Lower Upper
83 100
55 68.3 57.8 86.8
98 54.8 39.4 59.2

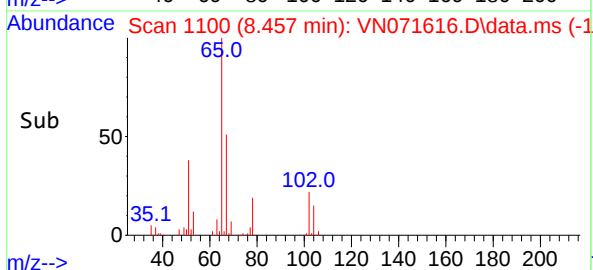
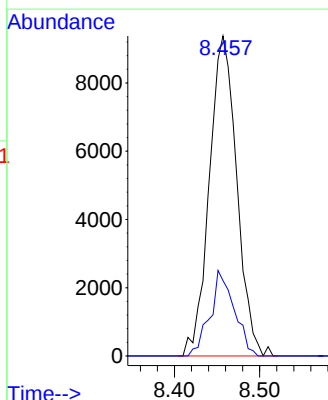
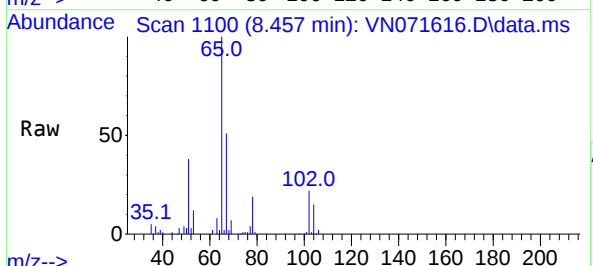
Manual Integrations
APPROVED

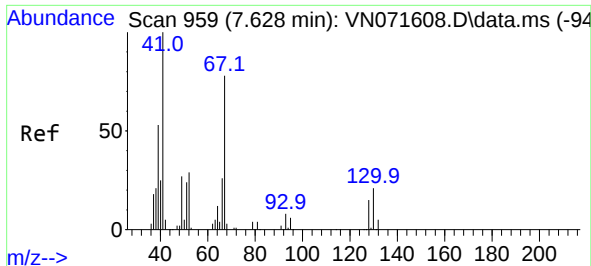
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#40
Benzene
Concen: 0.757 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45

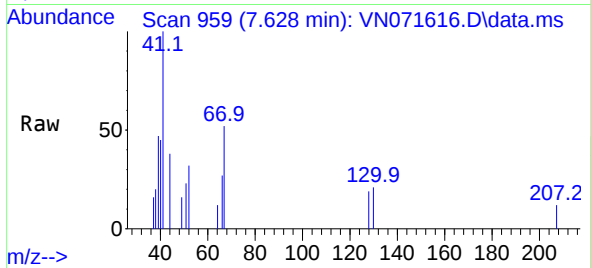
Tgt Ion: 78 Resp: 21007
Ion Ratio Lower Upper
78 100
77 23.5 19.4 29.0





#41
Methacrylonitrile
Concen: 0.552 ug/l
RT: 7.628 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45

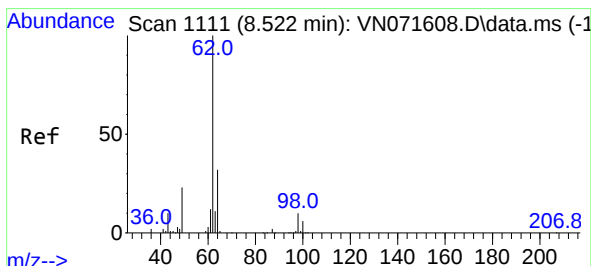
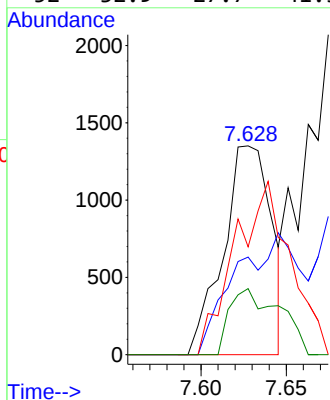
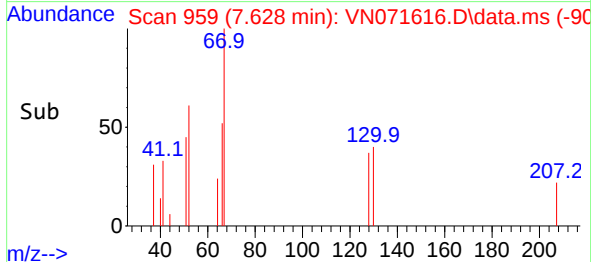
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



Tgt Ion: 41 Resp: 2650
Ion Ratio Lower Upper
41 100
39 78.2 48.6 73.0
67 95.2 73.4 110.2
52 32.9 27.7 41.5

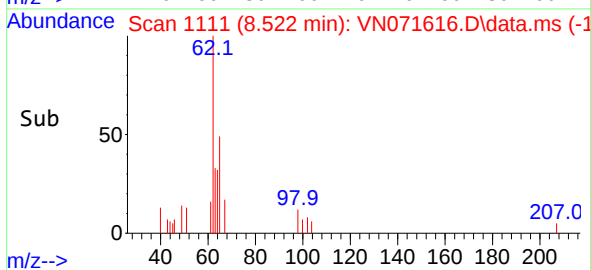
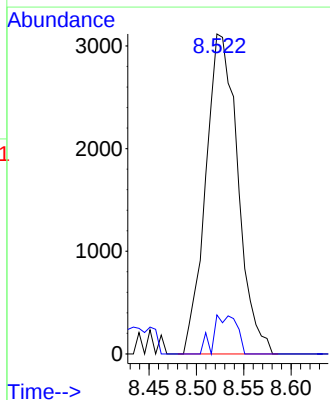
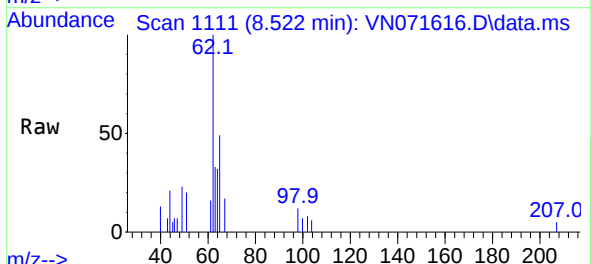
Manual Integrations
APPROVED

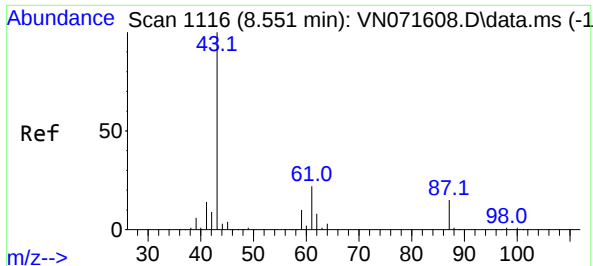
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#42
1,2-Dichloroethane
Concen: 0.767 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45

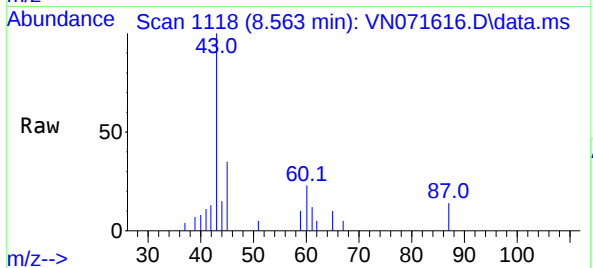
Tgt Ion: 62 Resp: 7363
Ion Ratio Lower Upper
62 100
98 8.8 0.0 19.4





#43
Isopropyl Acetate
Concen: 0.994 ug/l
RT: 8.563 min Scan# 1118
Delta R.T. 0.012 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45

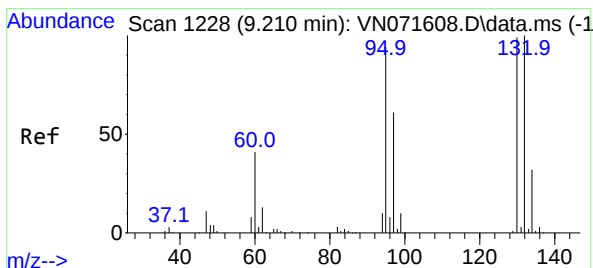
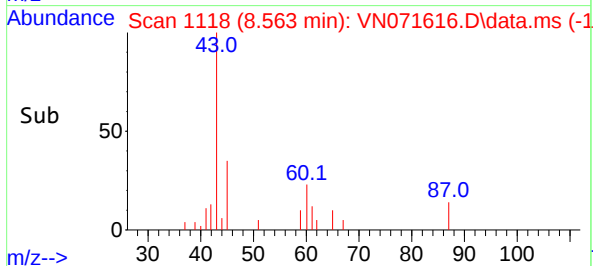
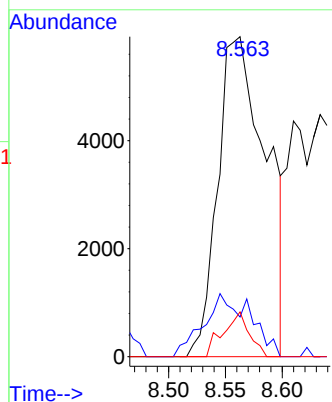
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



Tgt Ion: 43 Resp: 17438
Ion Ratio Lower Upper
43 100
61 19.1 21.9 32.9
87 7.6 12.0 18.0

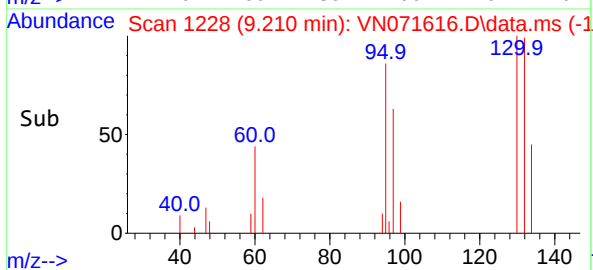
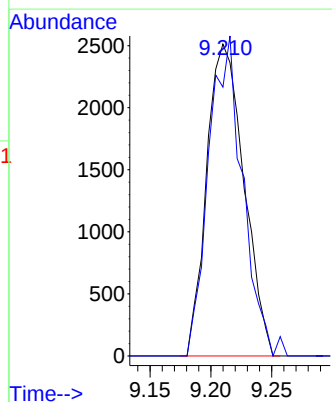
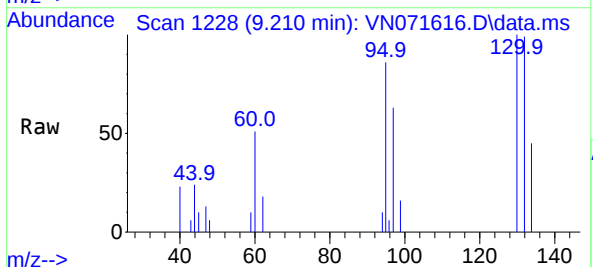
Manual Integrations
APPROVED

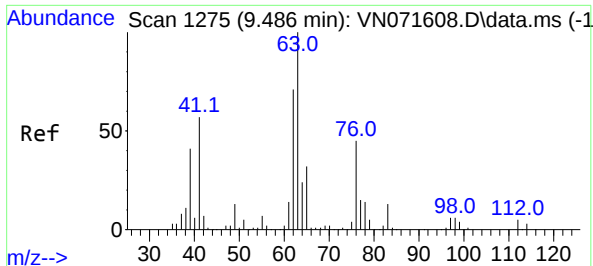
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#44
Trichloroethene
Concen: 0.733 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45

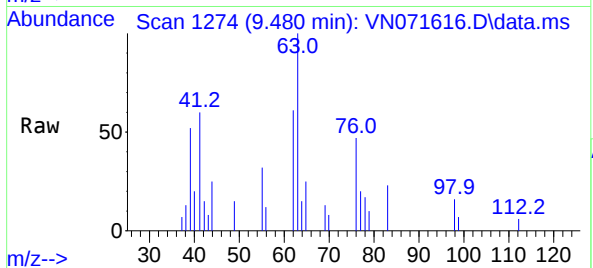
Tgt Ion:130 Resp: 5349
Ion Ratio Lower Upper
130 100
95 86.2 0.0 186.8





#45
1,2-Dichloropropane
Concen: 0.760 ug/l
RT: 9.480 min Scan# 1275
Delta R.T. -0.006 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45

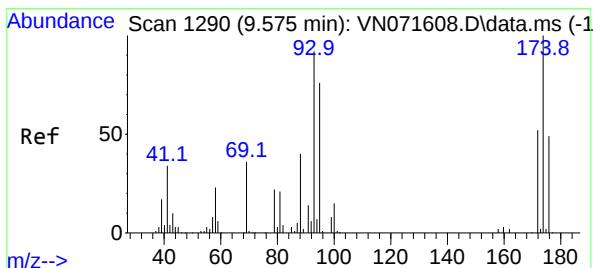
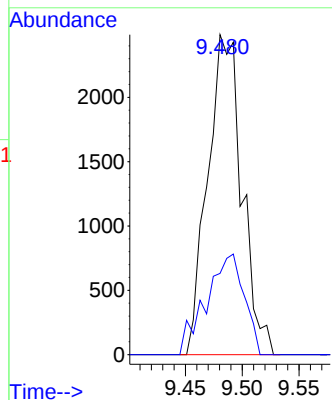
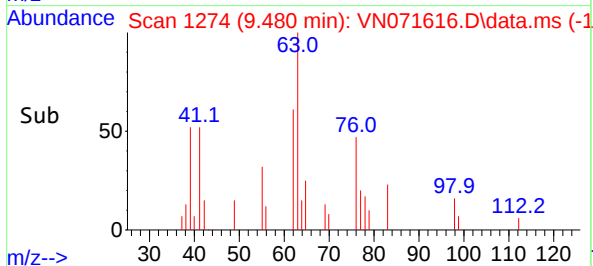
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



Tgt Ion: 63 Resp: 5198
Ion Ratio Lower Upper
63 100
65 25.4 24.9 37.3

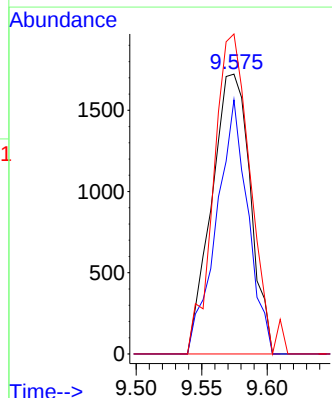
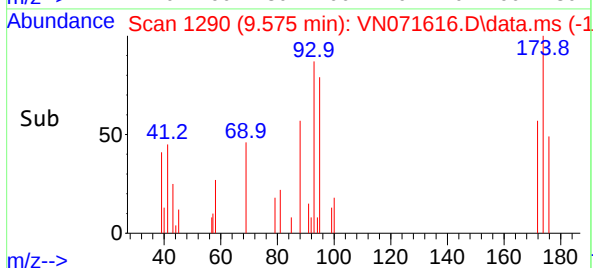
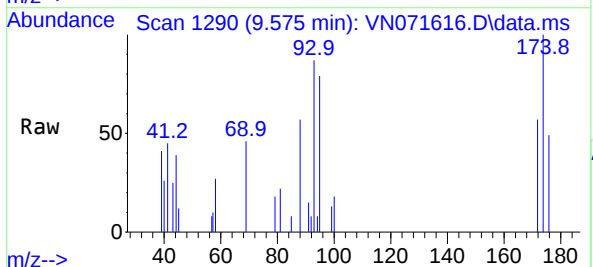
Manual Integrations
APPROVED

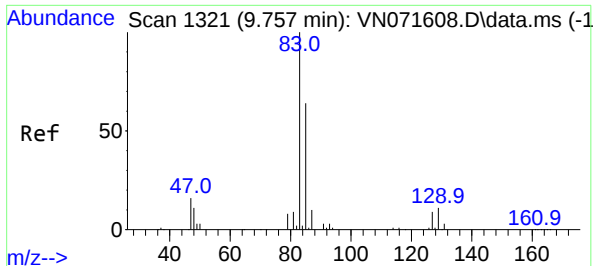
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#46
Dibromomethane
Concen: 0.754 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. -0.000 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45

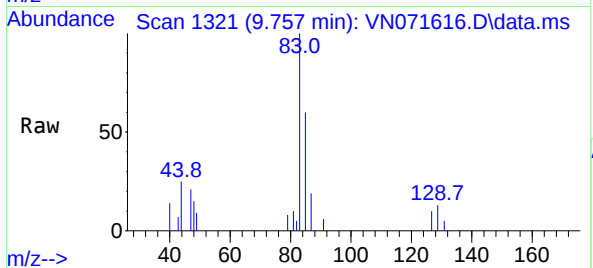
Tgt Ion: 93 Resp: 3531
Ion Ratio Lower Upper
93 100
95 74.0 66.9 100.3
174 108.4 86.6 130.0





#47
Bromodichloromethane
Concen: 0.717 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45

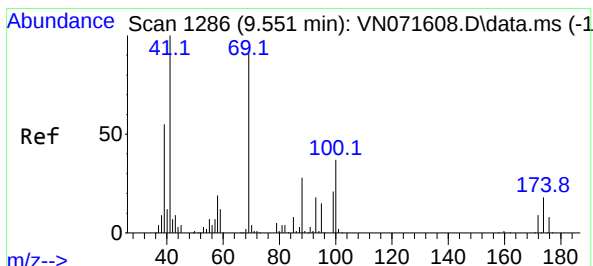
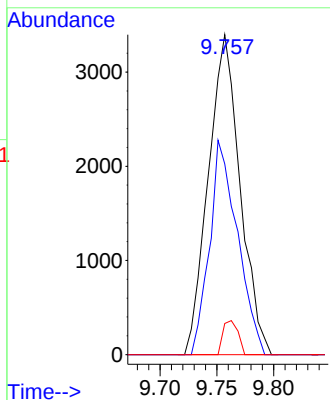
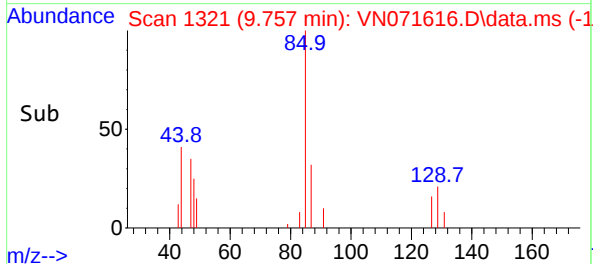
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2022



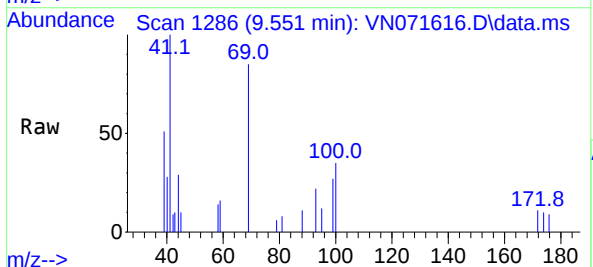
Tgt Ion: 83 Resp: 661
Ion Ratio Lower Upper
83 100
85 59.6 50.5 75.7
127 9.8 6.8 10.2

Manual Integrations
APPROVED

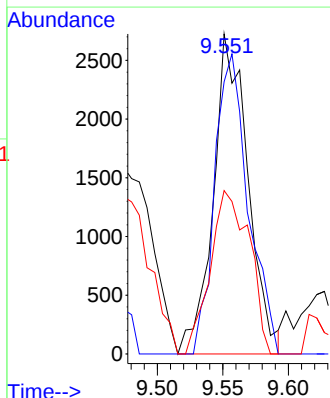
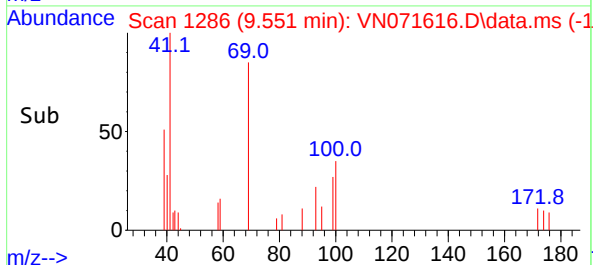
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

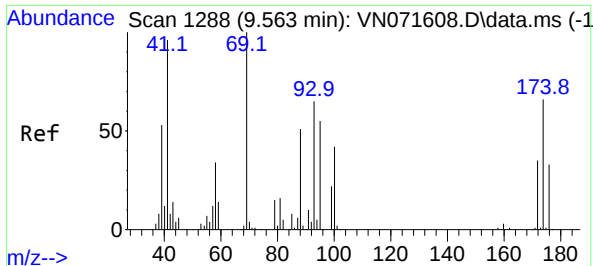


#48
Methyl methacrylate
Concen: 0.704 ug/l
RT: 9.551 min Scan# 1286
Delta R.T. -0.000 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45



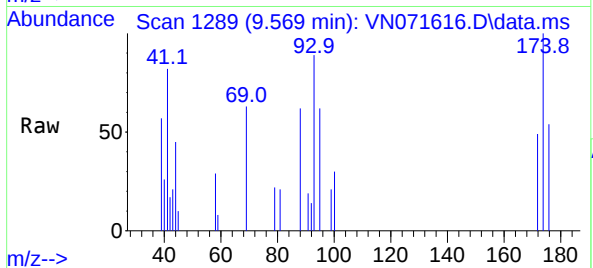
Tgt Ion: 41 Resp: 5012
Ion Ratio Lower Upper
41 100
69 90.9 74.7 112.1
39 57.6 45.6 68.4





#49
1,4-Dioxane
Concen: 13.179 ug/l
RT: 9.569 min Scan# 1288
Delta R.T. 0.006 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45

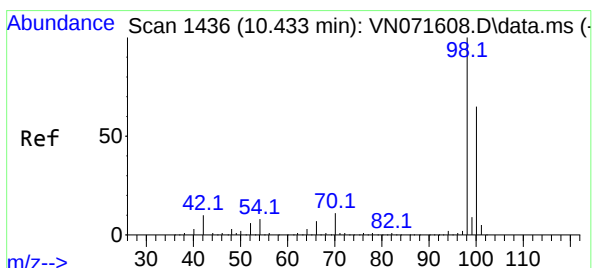
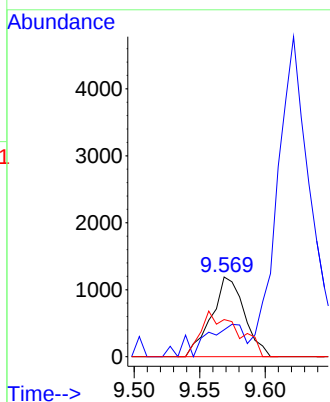
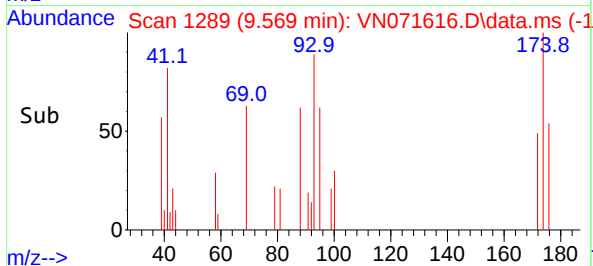
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



Tgt Ion: 88 Resp: 2060
Ion Ratio Lower Upper
88 100
43 51.3 20.2 30.4
58 63.5 54.2 81.4

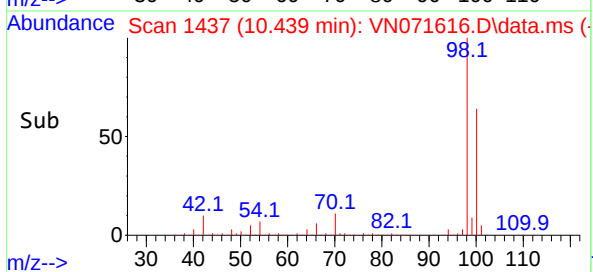
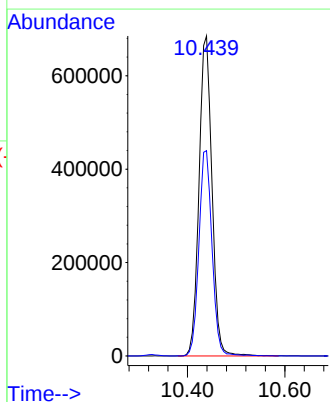
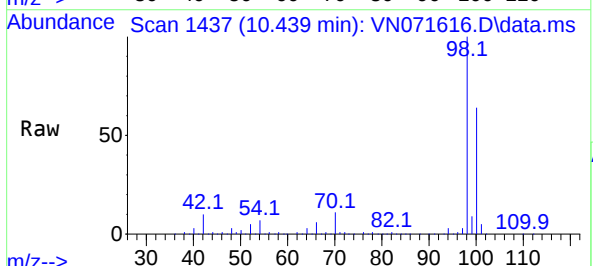
Manual Integrations
APPROVED

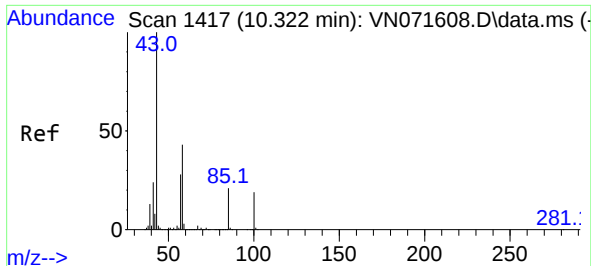
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#50
Toluene-d8
Concen: 48.744 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45

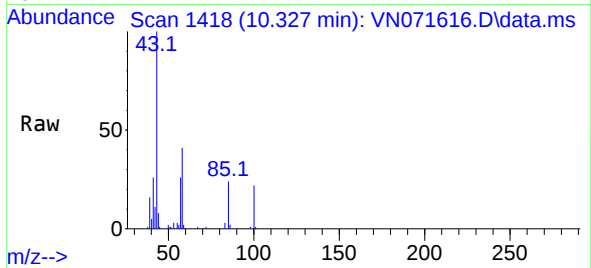
Tgt Ion: 98 Resp: 1264487
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 3.047 ug/l
RT: 10.327 min Scan# 1417
Delta R.T. 0.006 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45

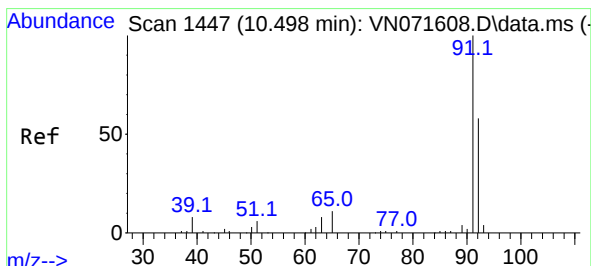
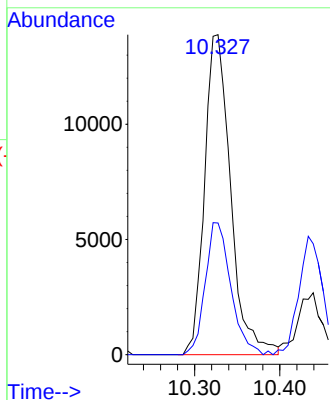
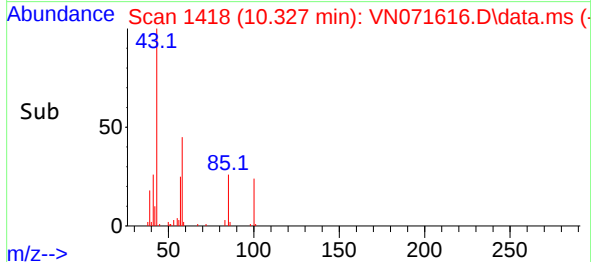
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



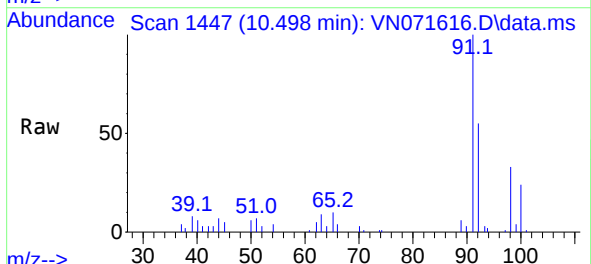
Tgt Ion: 43 Resp: 29532
Ion Ratio Lower Upper
43 100
58 40.4 34.1 51.1

Manual Integrations
APPROVED

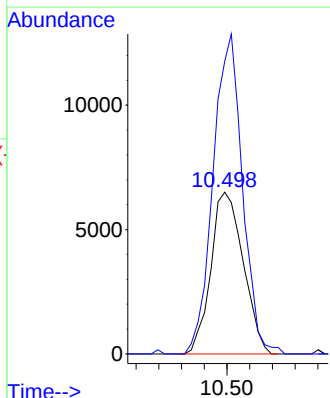
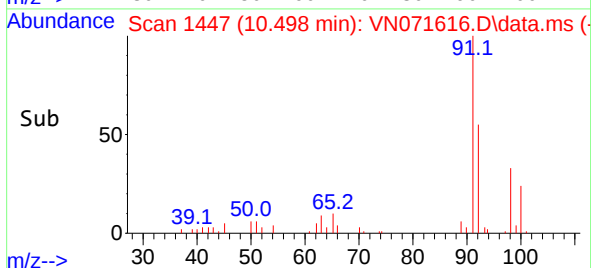
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

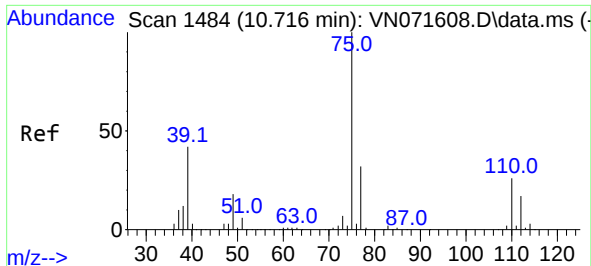


#52
Toluene
Concen: 0.721 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45



Tgt Ion: 92 Resp: 12872
Ion Ratio Lower Upper
92 100
91 179.4 138.6 207.8





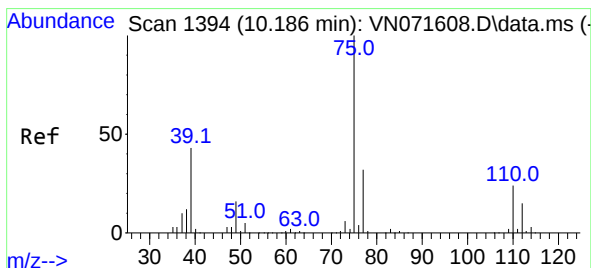
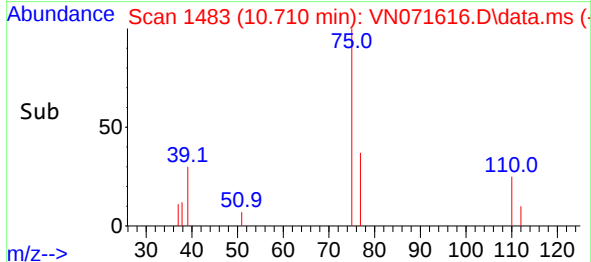
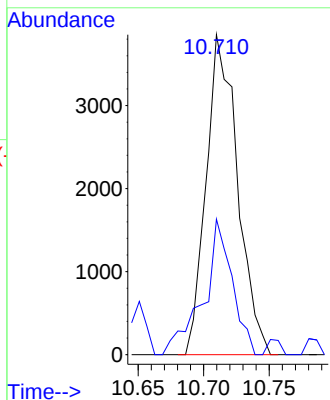
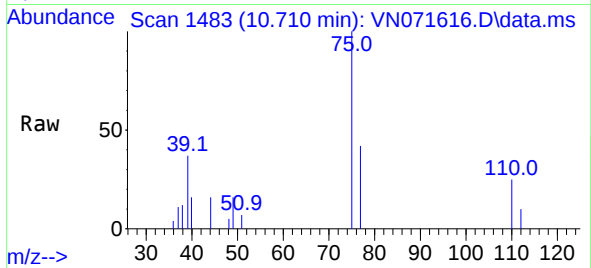
#53
t-1,3-Dichloropropene
Concen: 0.640 ug/l
RT: 10.710 min Scan# 1484
Delta R.T. -0.006 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45

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

Tgt Ion: 75 Resp: 6414
Ion Ratio Lower Upper
75 100
77 37.9 25.6 38.4

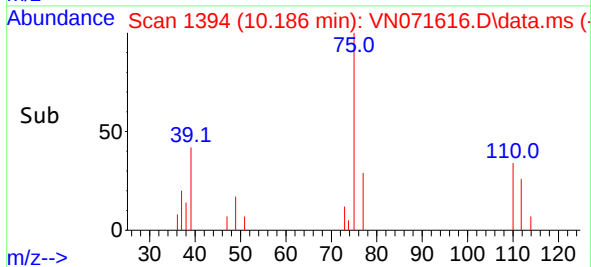
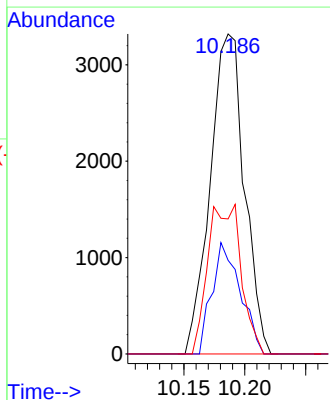
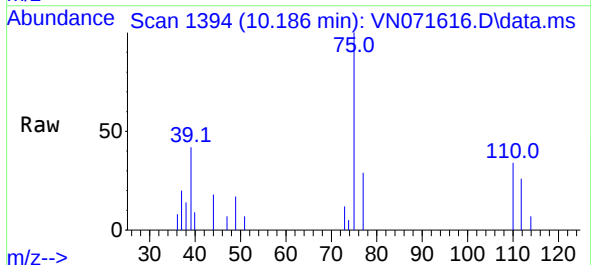
Manual Integrations
APPROVED

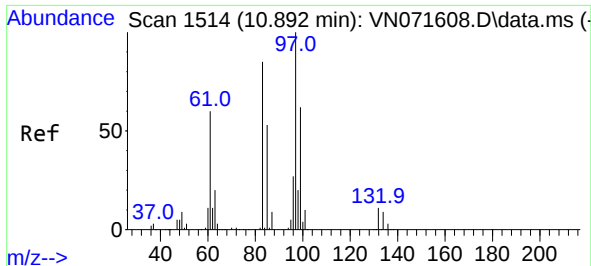
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#54
cis-1,3-Dichloropropene
Concen: 0.595 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45

Tgt Ion: 75 Resp: 6494
Ion Ratio Lower Upper
75 100
77 29.3 25.2 37.8
39 42.2 35.7 53.5





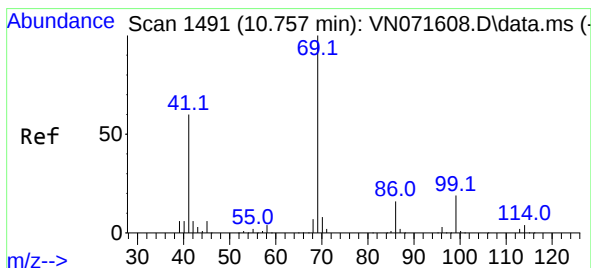
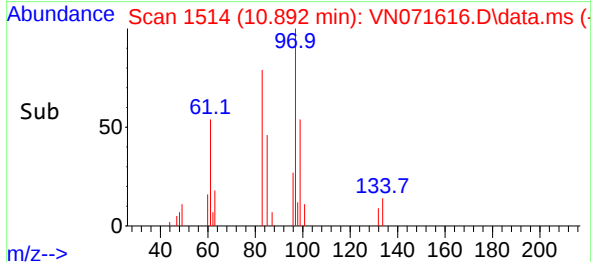
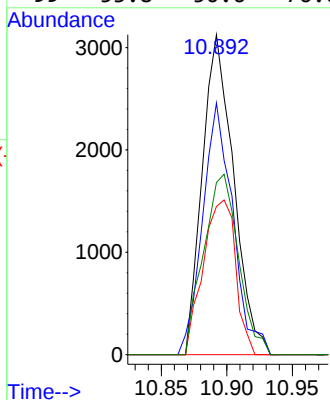
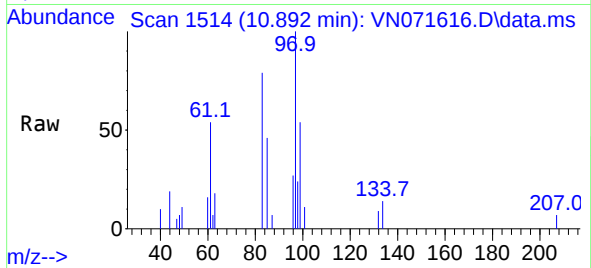
#55
1,1,2-Trichloroethane
Concen: 0.722 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45

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

Tgt Ion	Ratio	Lower	Upper
97	100		
83	78.7	66.2	99.4
85	46.3	43.9	65.9
99	53.8	50.6	76.0

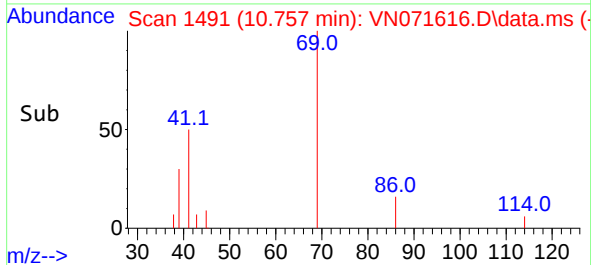
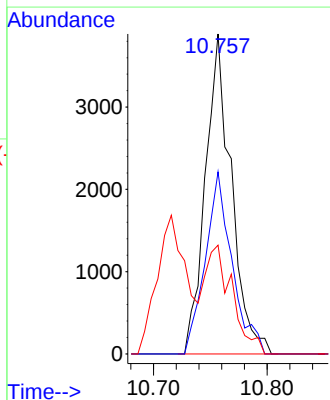
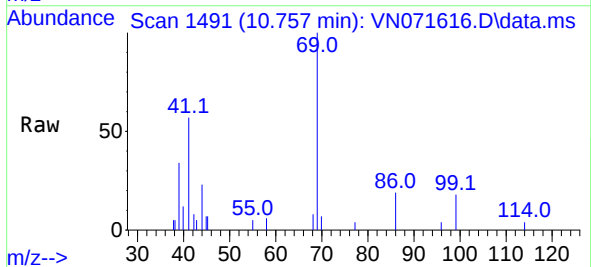
Manual Integrations
APPROVED

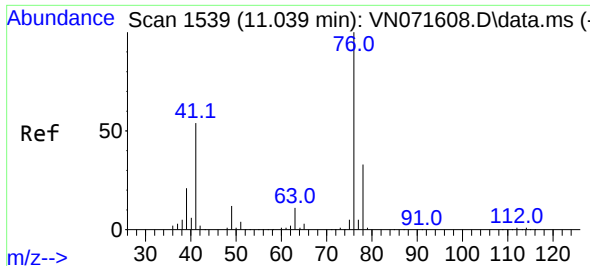
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#56
Ethyl methacrylate
Concen: 0.575 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45

Tgt Ion	Ratio	Lower	Upper
69	100		
41	58.7	47.8	71.6
39	35.6	27.3	40.9





#57

1,3-Dichloropropane

Concen: 0.681 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VN071616.D

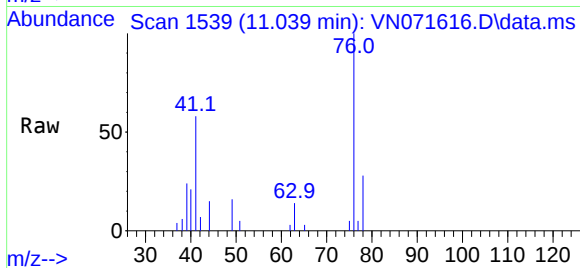
Acq: 28 Mar 2022 20:45

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2022



Tgt Ion: 76 Resp: 8178

Ion Ratio Lower Upper

76 100

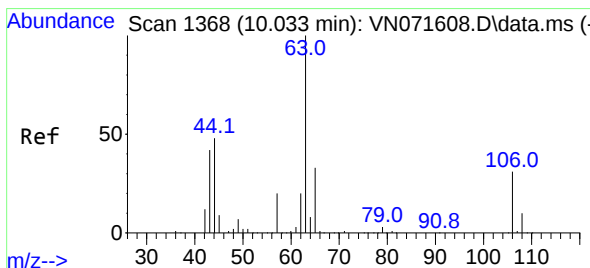
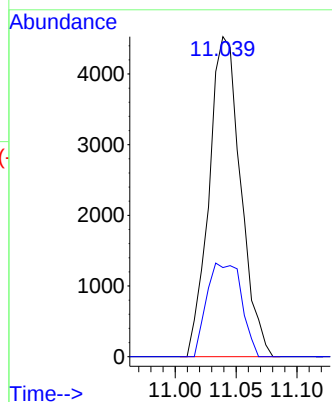
78 32.0 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2022

Supervised By :Mahesh Dadoda 03/30/2022



#58

2-Chloroethyl Vinyl ether

Concen: 2.384 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VN071616.D

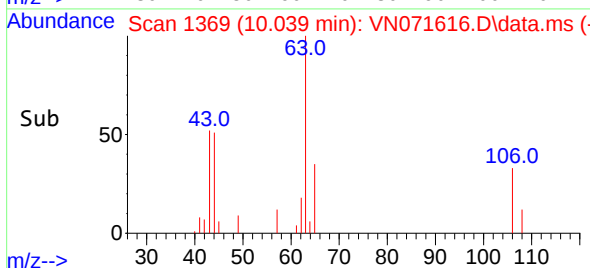
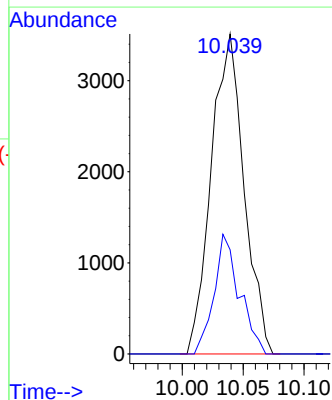
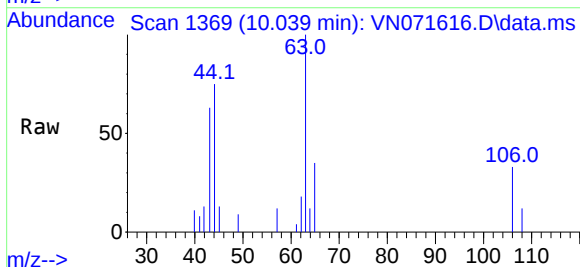
Acq: 28 Mar 2022 20:45

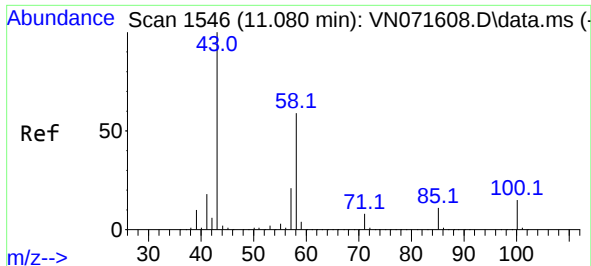
Tgt Ion: 63 Resp: 6582

Ion Ratio Lower Upper

63 100

106 29.0 24.6 36.8





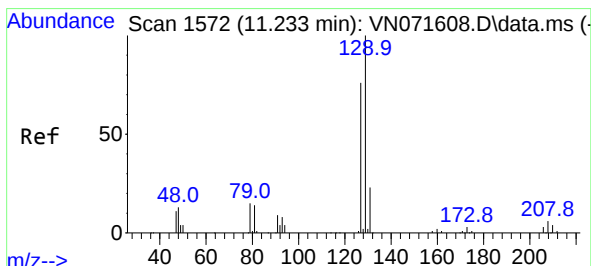
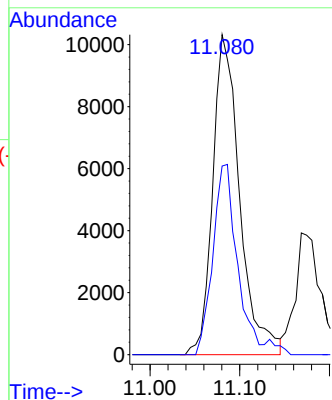
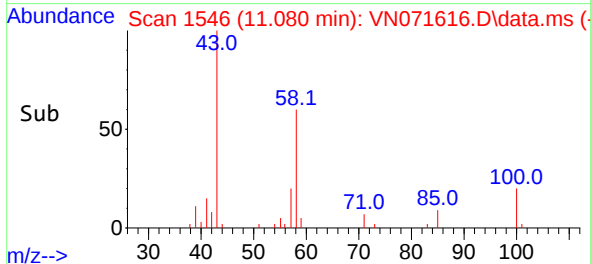
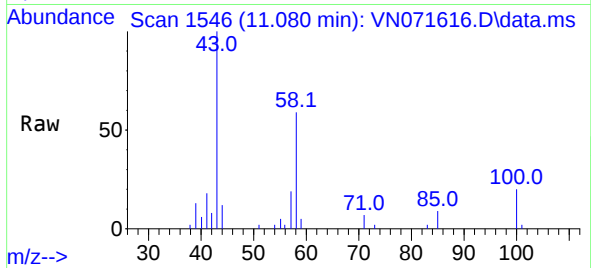
#59
2-Hexanone
Concen: 3.100 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.000 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45

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

Tgt Ion: 43 Resp: 21500
Ion Ratio Lower Upper
43 100
58 53.7 29.7 89.1

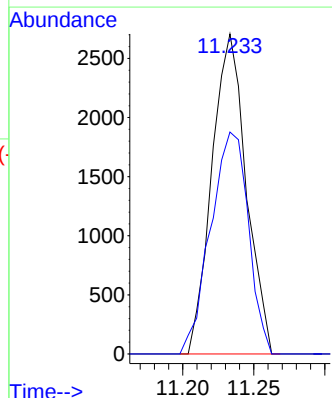
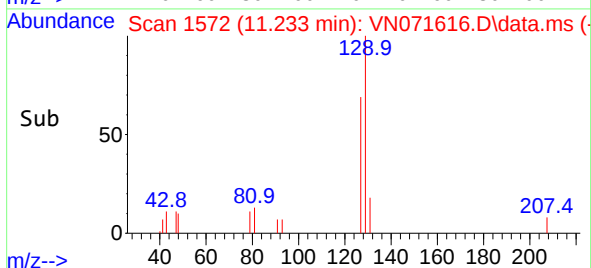
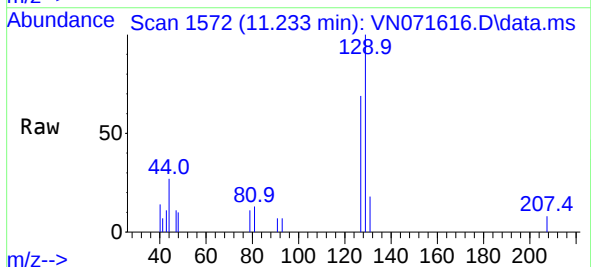
Manual Integrations
APPROVED

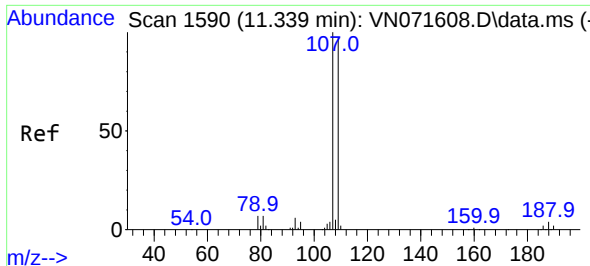
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#60
Dibromochloromethane
Concen: 0.631 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45

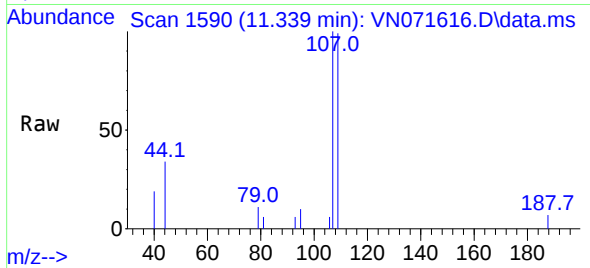
Tgt Ion:129 Resp: 4550
Ion Ratio Lower Upper
129 100
127 76.4 38.8 116.4





#61
1,2-Dibromoethane
Concen: 0.646 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45

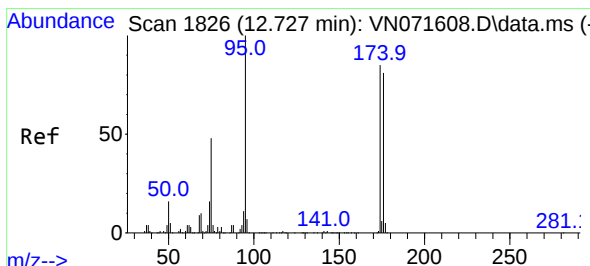
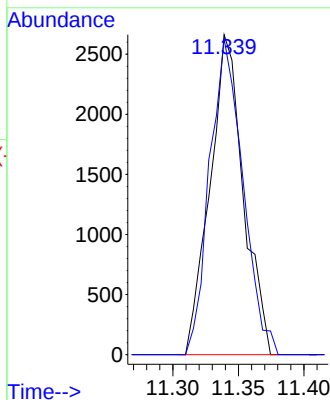
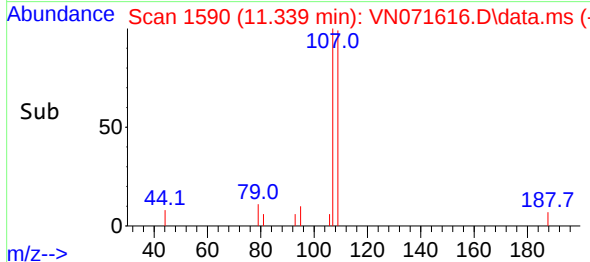
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2022



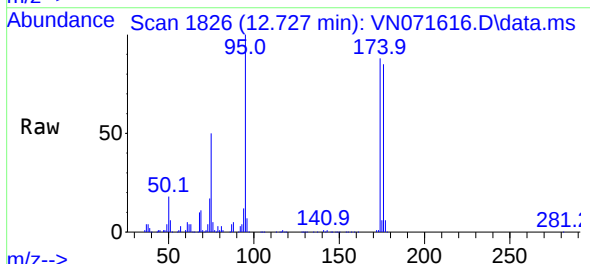
Tgt Ion:107 Resp: 470
Ion Ratio Lower Upper
107 100
109 98.7 75.0 112.6

Manual Integrations
APPROVED

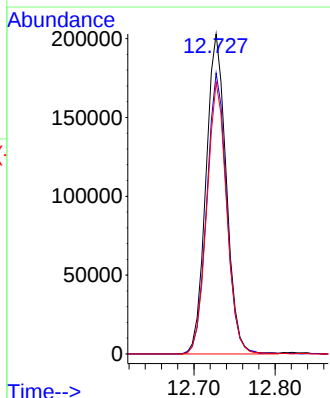
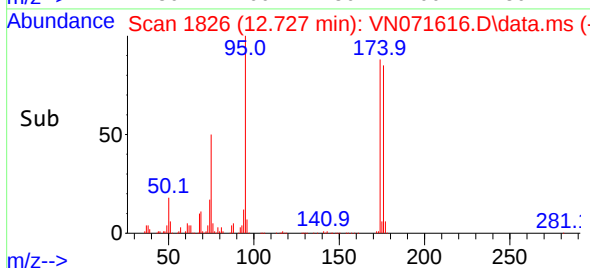
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

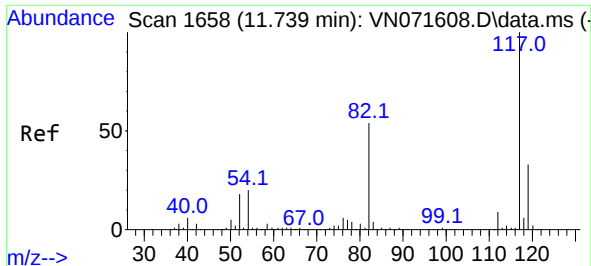


#62
4-Bromofluorobenzene
Concen: 41.486 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45



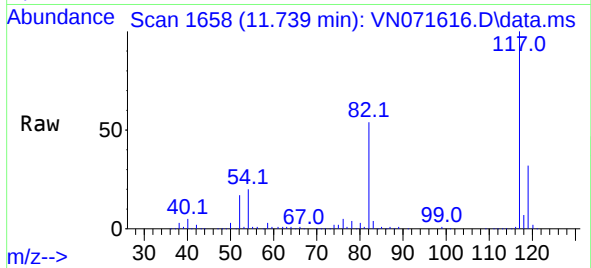
Tgt Ion: 95 Resp: 351083
Ion Ratio Lower Upper
95 100
174 86.5 0.0 167.6
176 83.3 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45

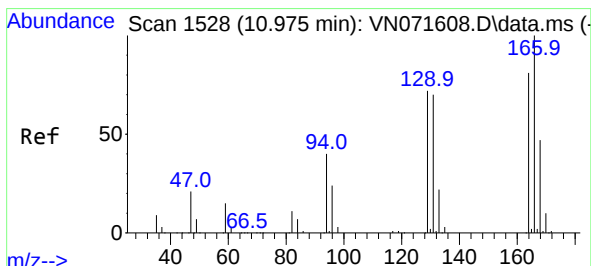
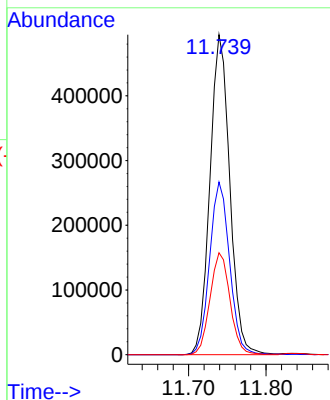
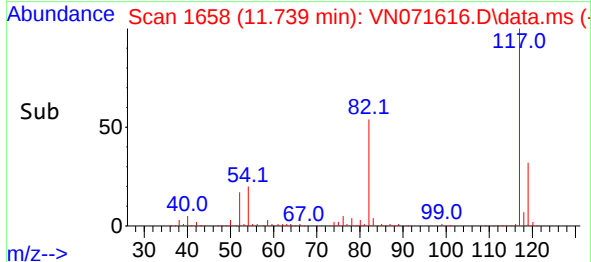
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



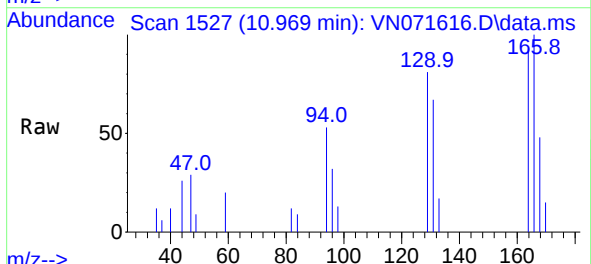
Tgt Ion:117 Resp: 880278
Ion Ratio Lower Upper
117 100
82 54.0 44.2 66.2
119 31.9 25.4 38.0

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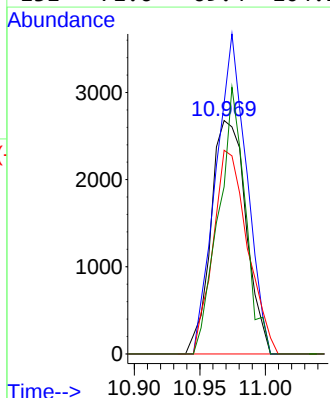
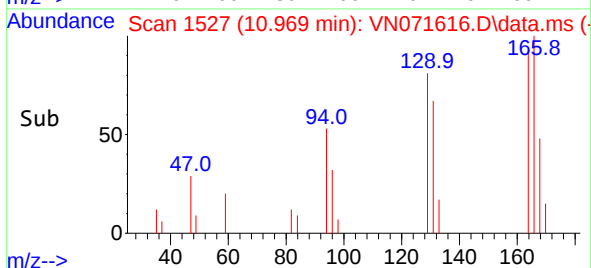
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

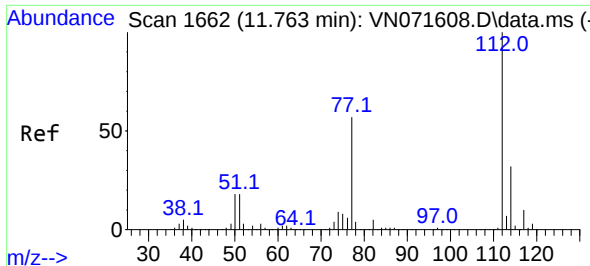


#64
Tetrachloroethene
Concen: 0.819 ug/l
RT: 10.969 min Scan# 1527
Delta R.T. -0.006 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45



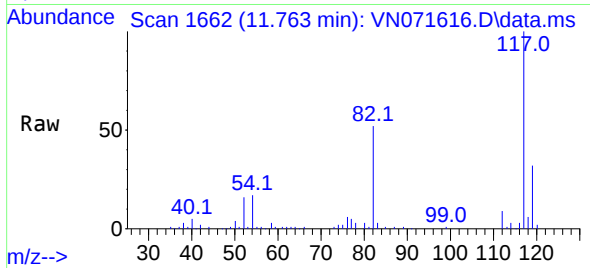
Tgt Ion:164 Resp: 4992
Ion Ratio Lower Upper
164 100
166 107.4 104.2 156.2
129 87.2 73.9 110.9
131 71.6 69.4 104.2





#65
Chlorobenzene
Concen: 0.769 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45

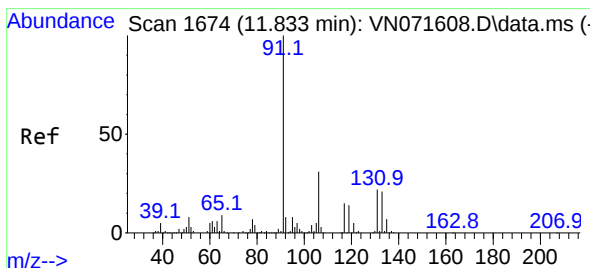
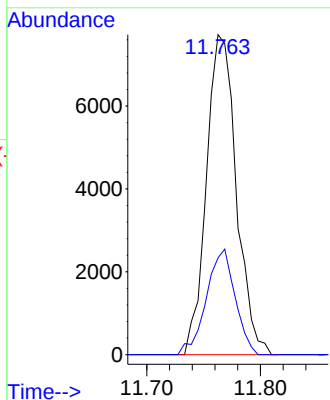
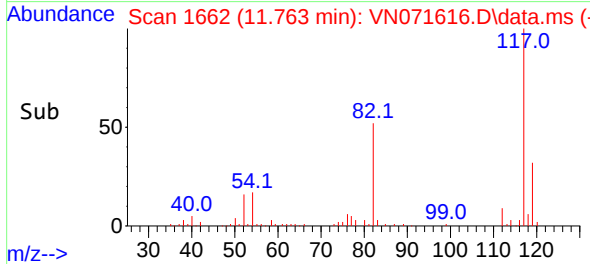
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2022



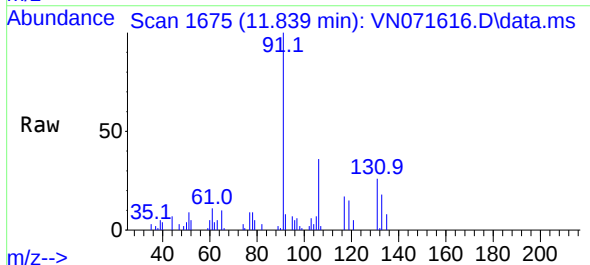
Tgt Ion:112 Resp: 14124
Ion Ratio Lower Upper
112 100
114 30.3 25.4 38.2

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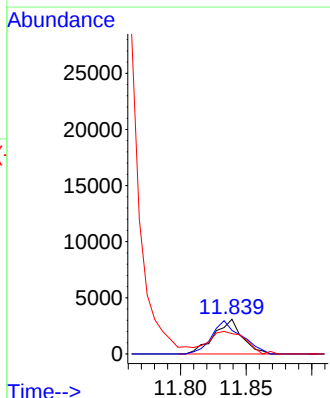
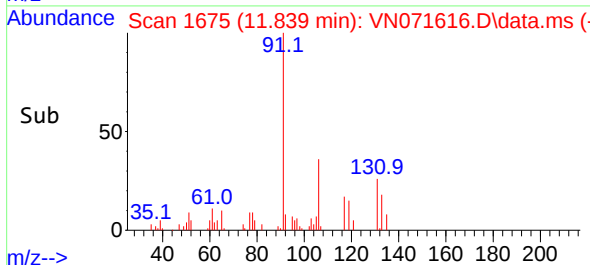
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

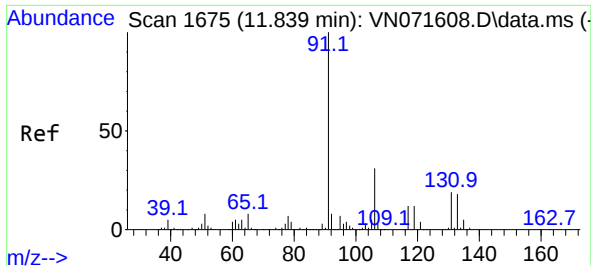


#66
1,1,1,2-Tetrachloroethane
Concen: 0.694 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45



Tgt Ion:131 Resp: 4573
Ion Ratio Lower Upper
131 100
133 101.9 47.8 143.4
119 0.0 33.4 100.2#





#67

Ethyl Benzene

Concen: 0.686 ug/l

RT: 11.845 min Scan# 1675

Delta R.T. 0.006 min

Lab File: VN071616.D

Acq: 28 Mar 2022 20:45

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2022

Tgt Ion: 91 Resp: 2174

Ion Ratio Lower Upper

91 100

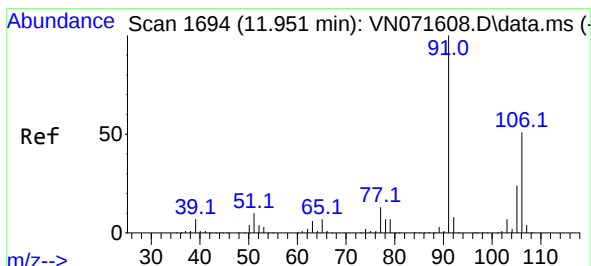
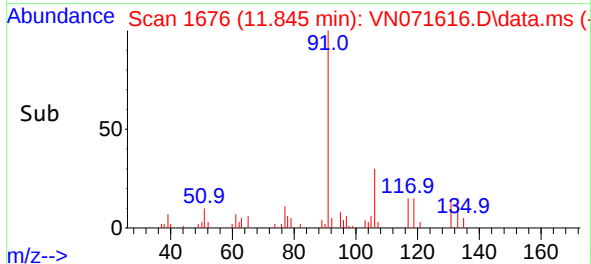
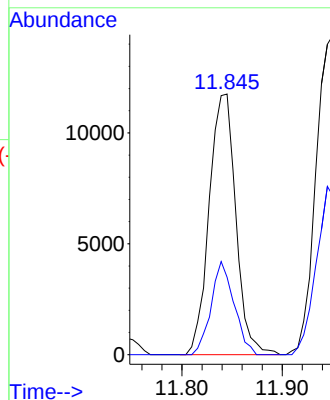
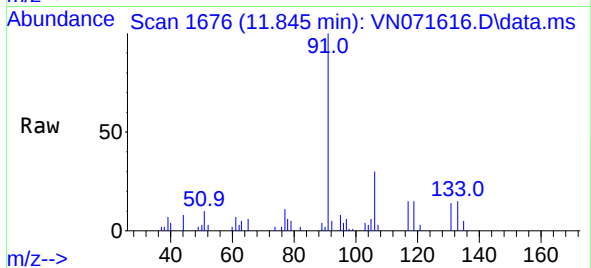
106 29.7 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2022

Supervised By :Mahesh Dadoda 03/30/2022



#68

m/p-Xylenes

Concen: 1.340 ug/l

RT: 11.945 min Scan# 1693

Delta R.T. -0.006 min

Lab File: VN071616.D

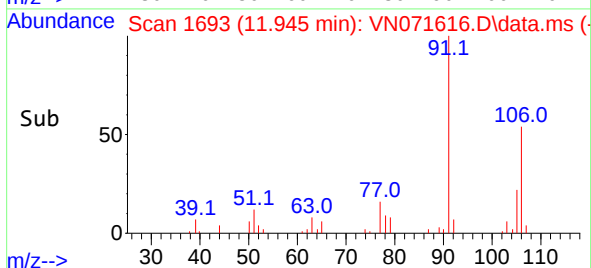
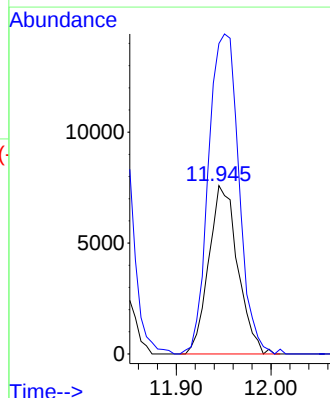
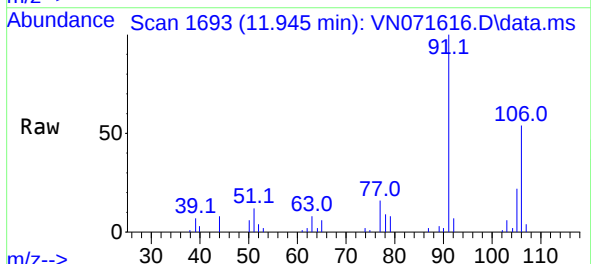
Acq: 28 Mar 2022 20:45

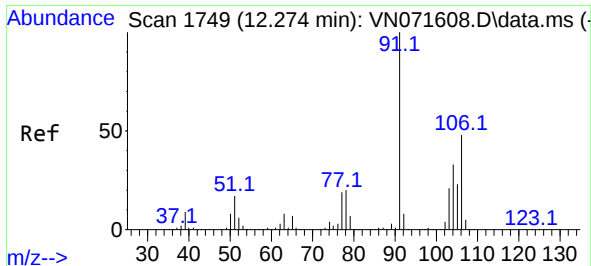
Tgt Ion:106 Resp: 16143

Ion Ratio Lower Upper

106 100

91 199.6 158.9 238.3





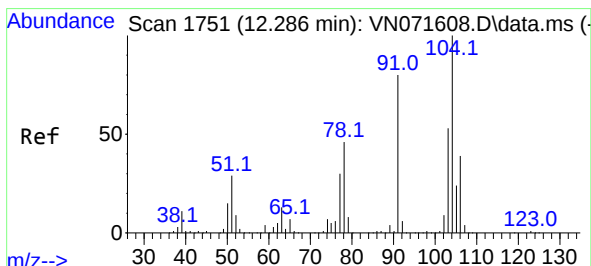
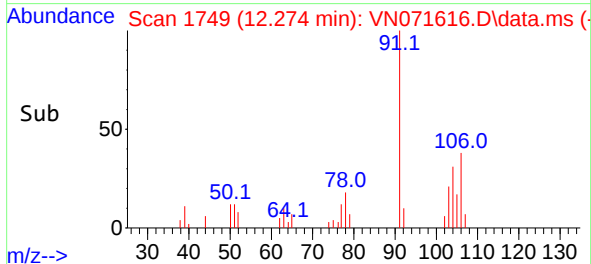
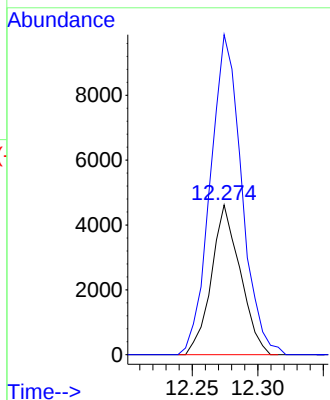
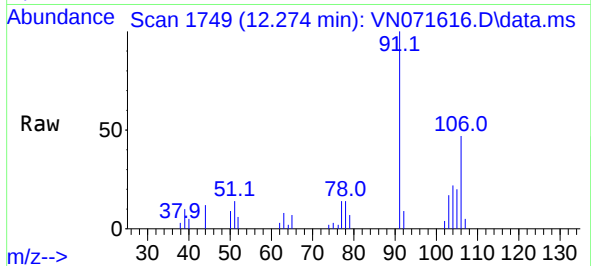
#69
o-Xylene
Concen: 0.584 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45

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

Tgt Ion:106 Resp: 7074
Ion Ratio Lower Upper
106 100
91 232.3 106.0 318.0

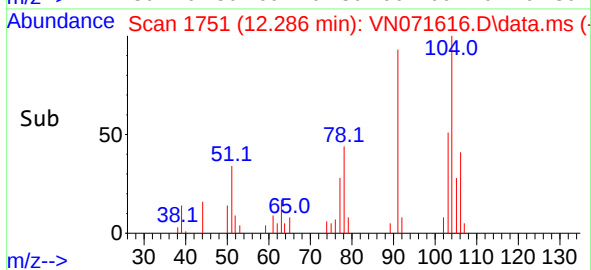
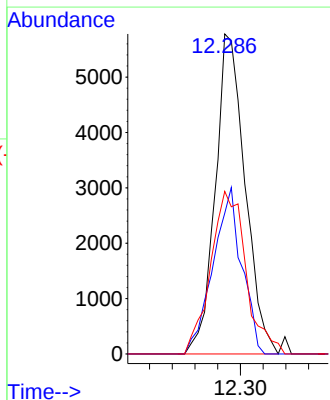
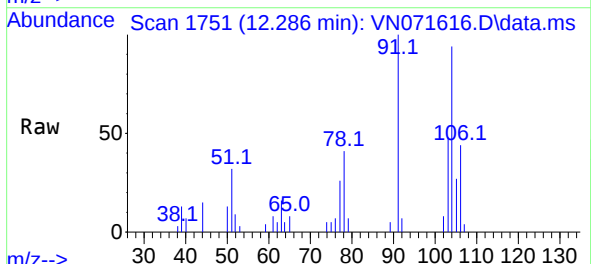
Manual Integrations
APPROVED

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



#70
Styrene
Concen: 0.570 ug/l
RT: 12.286 min Scan# 1751
Delta R.T. -0.000 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45

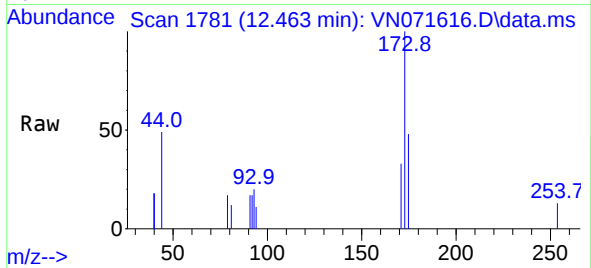
Tgt Ion:104 Resp: 10533
Ion Ratio Lower Upper
104 100
78 50.3 39.5 59.3
103 60.1 44.0 66.0





#71
Bromoform
Concen: 0.668 ug/l
RT: 12.463 min Scan# 1779
Delta R.T. 0.012 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45

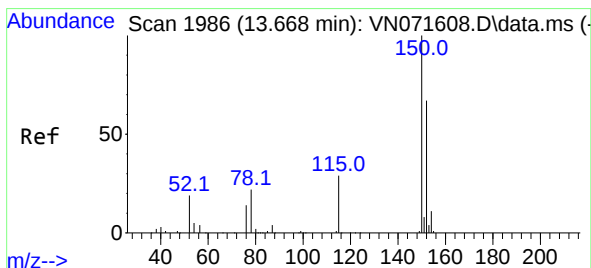
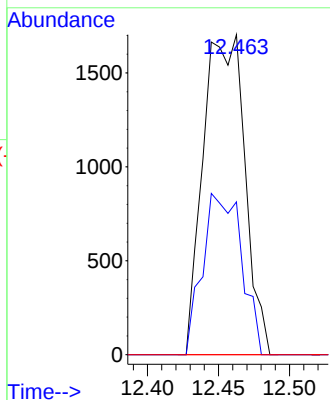
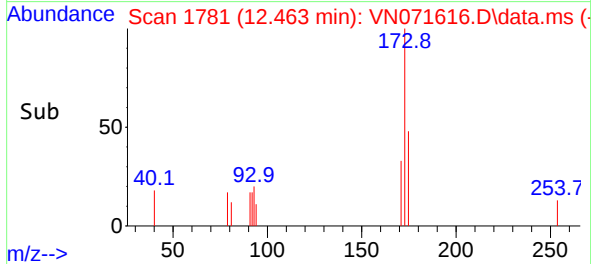
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



Tgt Ion:173 Resp: 3468
Ion Ratio Lower Upper
173 100
175 47.3 24.6 73.6
254 0.0 0.1 0.1

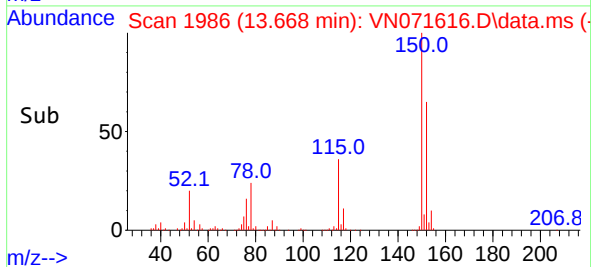
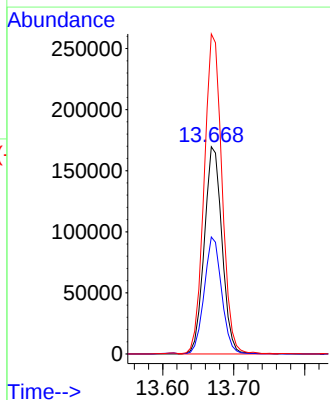
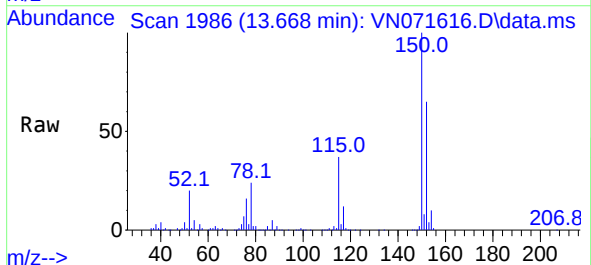
Manual Integrations
APPROVED

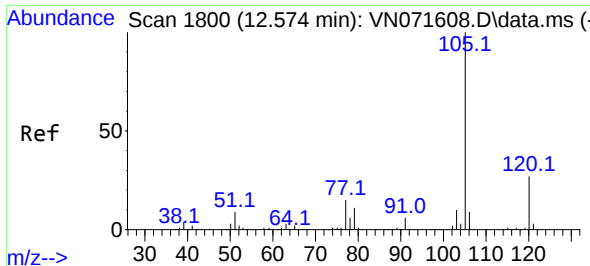
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45

Tgt Ion:152 Resp: 293889
Ion Ratio Lower Upper
152 100
115 55.1 28.9 86.7
150 154.9 0.0 356.2





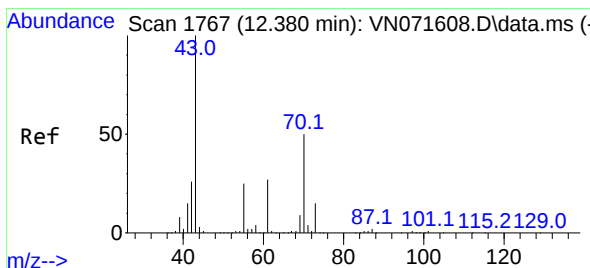
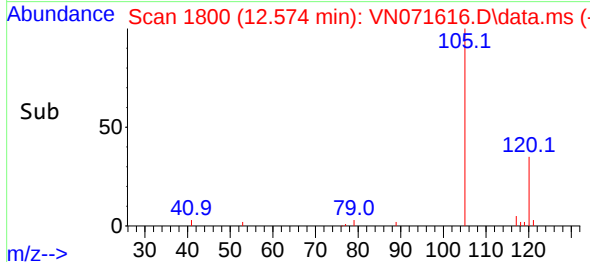
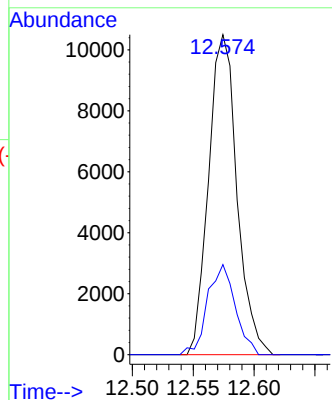
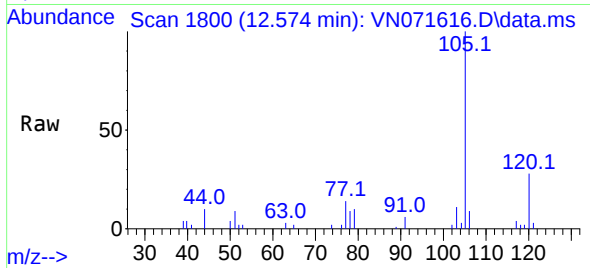
#73
Isopropylbenzene
Concen: 0.662 ug/l
RT: 12.574 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45

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

Tgt Ion:105 Resp: 1702
Ion Ratio Lower Upper
105 100
120 27.5 13.5 40.4

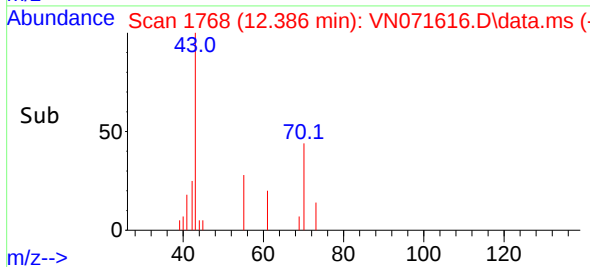
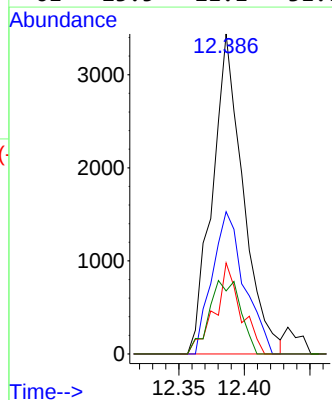
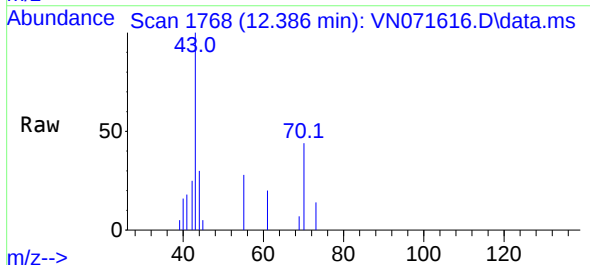
Manual Integrations
APPROVED

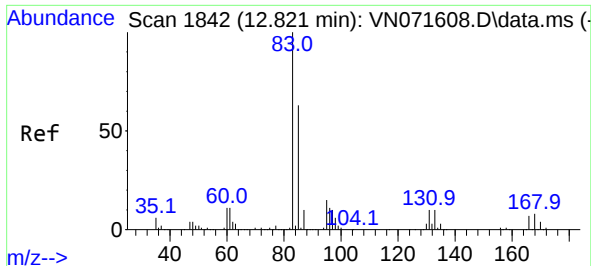
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#74
N-ethyl acetate
Concen: 0.719 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45

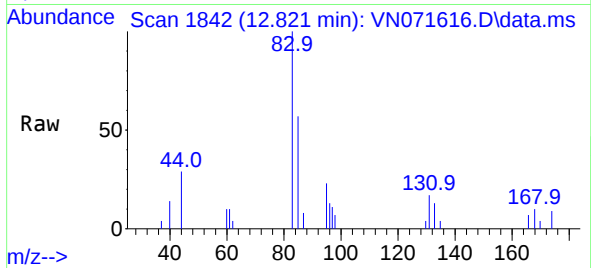
Tgt Ion: 43 Resp: 5613
Ion Ratio Lower Upper
43 100
70 46.3 39.0 58.4
55 23.9 21.1 31.7
61 23.5 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 0.858 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45

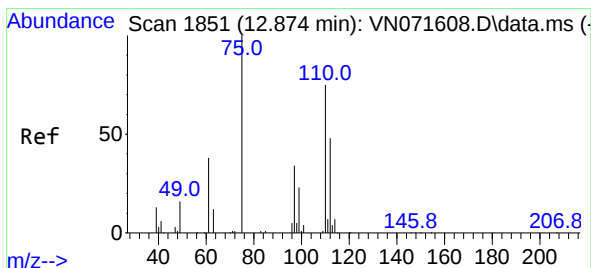
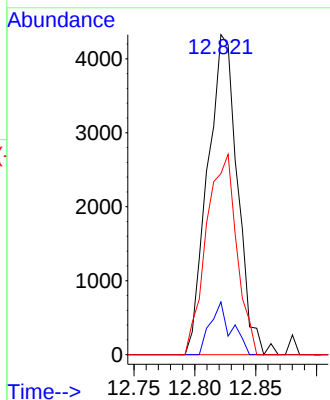
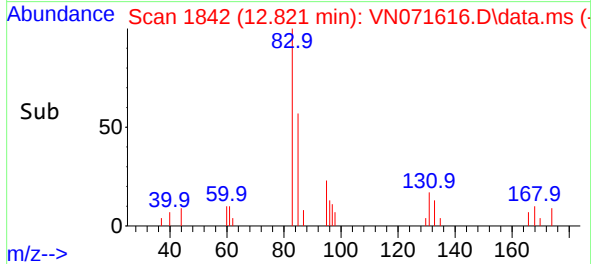
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2022



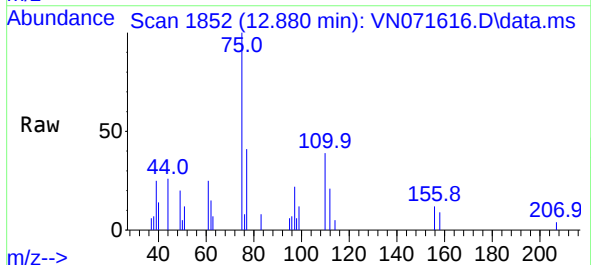
Tgt Ion: 83 Resp: 738
Ion Ratio Lower Upper
83 100
131 11.6 5.3 15.9
85 63.6 32.3 96.9

Manual Integrations
APPROVED

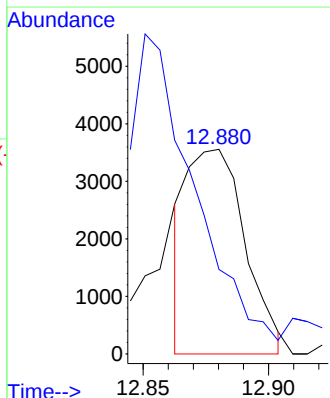
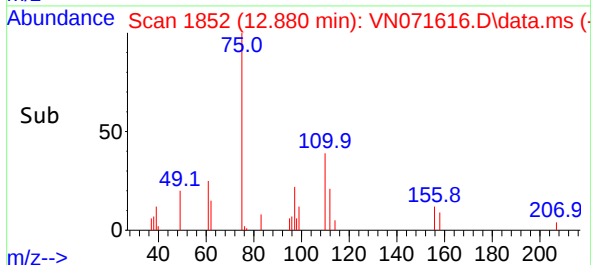
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

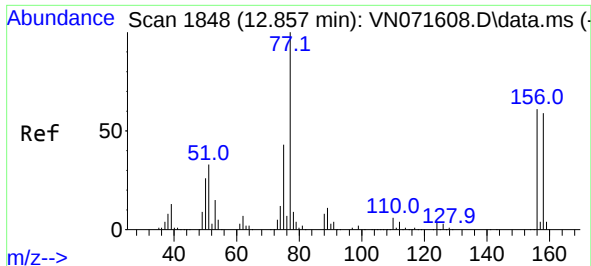


#76
1,2,3-Trichloropropane
Concen: 0.814 ug/l m
RT: 12.880 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45



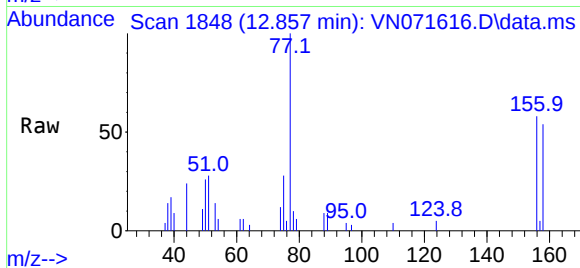
Tgt Ion: 75 Resp: 5742
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 0.826 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45

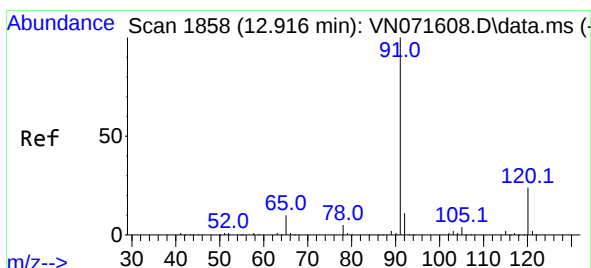
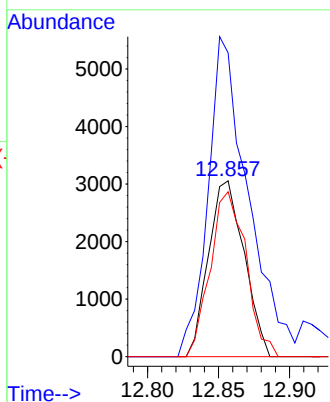
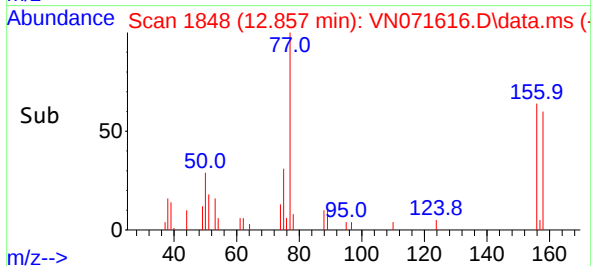
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2022



Tgt Ion:156 Resp: 534
Ion Ratio Lower Upper
156 100
77 204.2 100.5 301.5
158 93.8 48.9 146.6

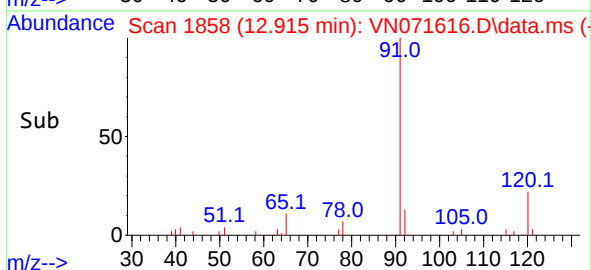
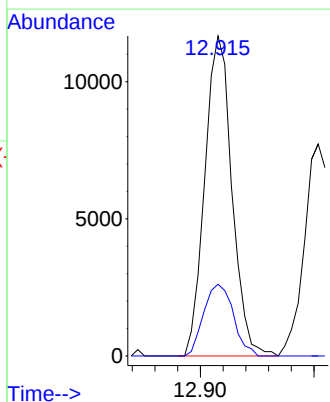
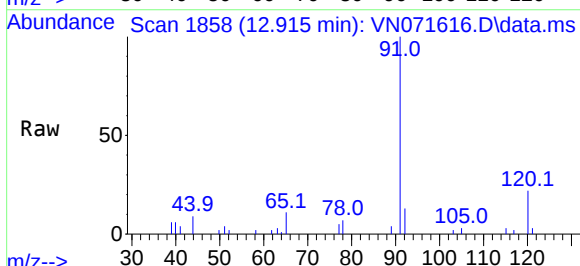
Manual Integrations
APPROVED

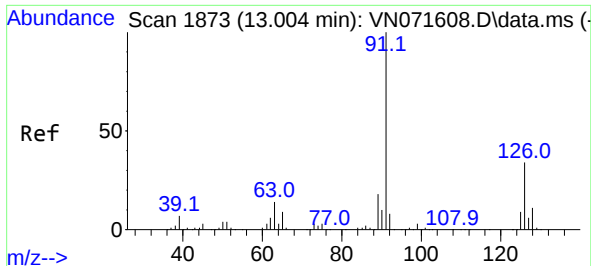
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#78
n-propylbenzene
Concen: 0.699 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45

Tgt Ion: 91 Resp: 19363
Ion Ratio Lower Upper
91 100
120 24.4 11.9 35.5





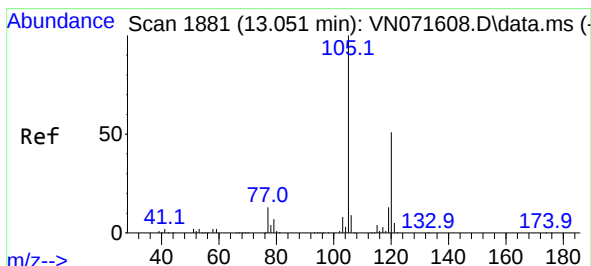
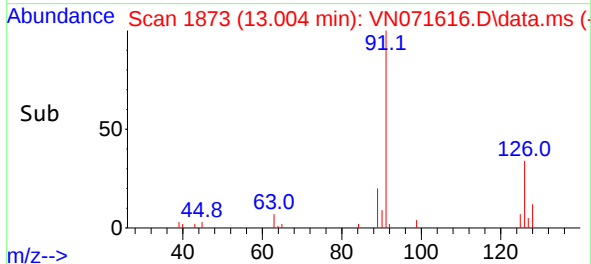
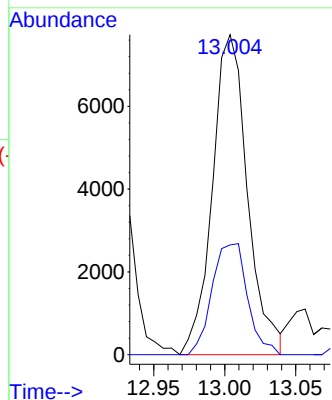
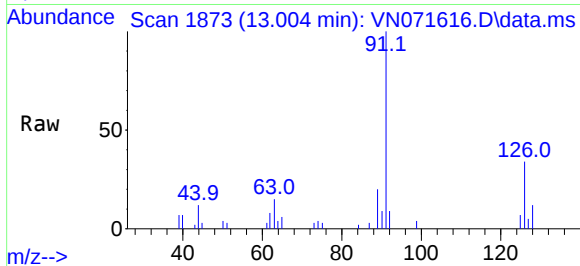
#79
2-Chlorotoluene
Concen: 0.766 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45

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

Tgt Ion: 91 Resp: 1329
Ion Ratio Lower Upper
91 100
126 35.0 17.3 51.9

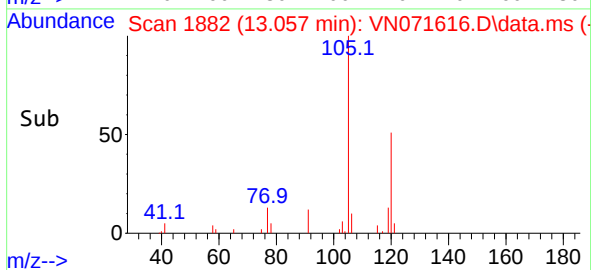
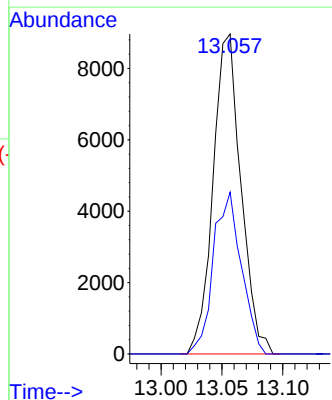
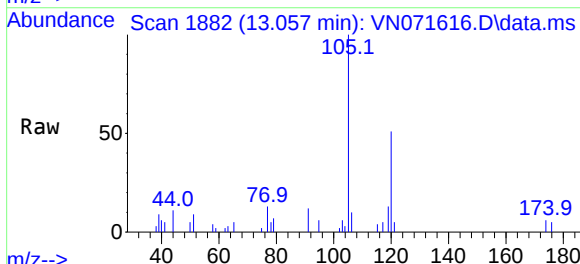
Manual Integrations
APPROVED

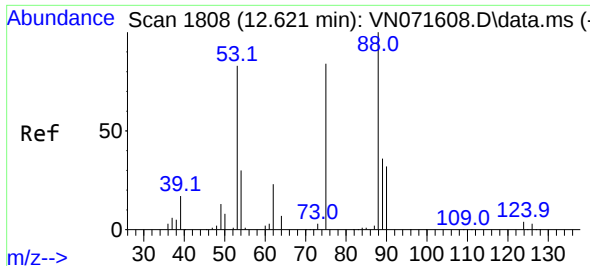
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#80
1,3,5-Trimethylbenzene
Concen: 0.704 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45

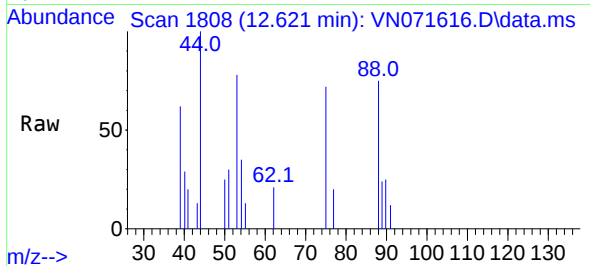
Tgt Ion:105 Resp: 14292
Ion Ratio Lower Upper
105 100
120 50.5 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 0.560 ug/l m
RT: 12.621 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45

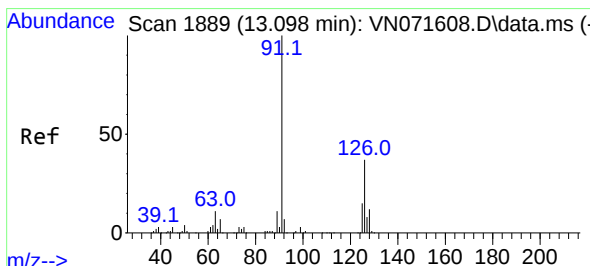
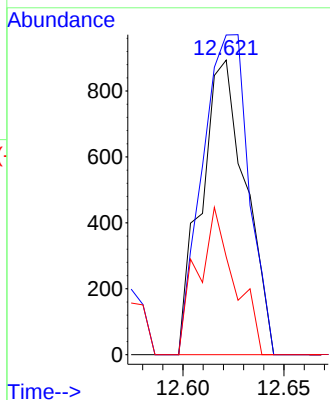
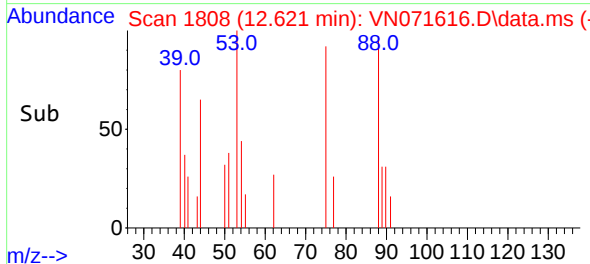
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



Tgt Ion: 75 Resp: 1370
Ion Ratio Lower Upper
75 100
53 5.7 78.0 117.0
89 6.6 37.2 55.8

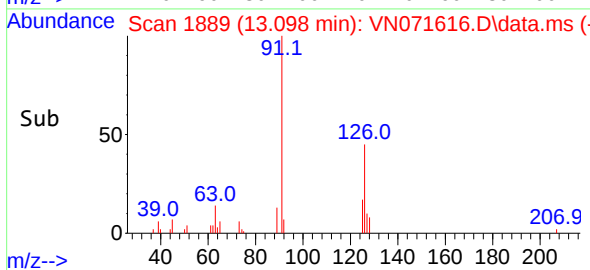
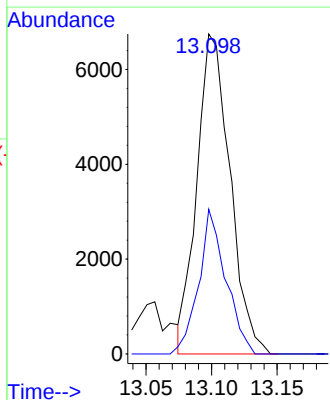
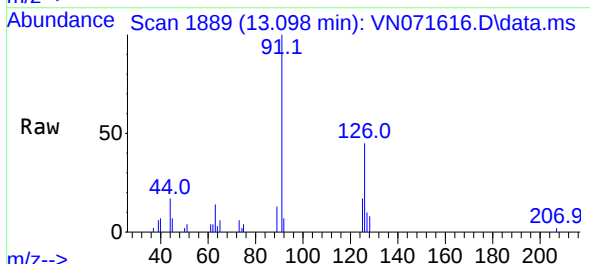
Manual Integrations
APPROVED

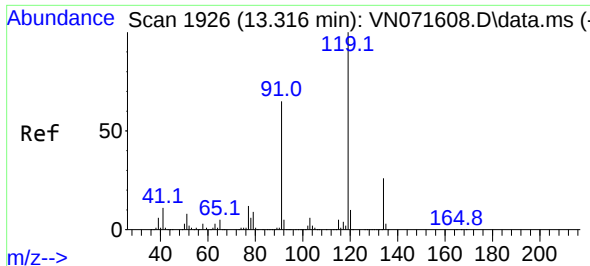
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022



#82
4-Chlorotoluene
Concen: 0.733 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45

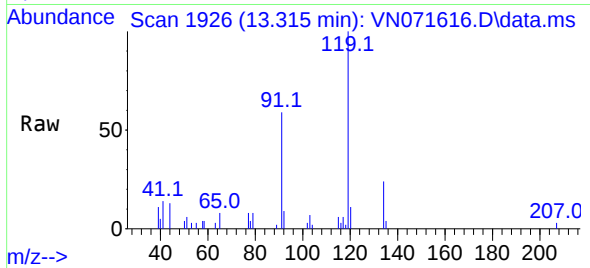
Tgt Ion: 91 Resp: 11861
Ion Ratio Lower Upper
91 100
126 37.0 17.2 51.6





#83
tert-Butylbenzene
Concen: 0.707 ug/l
RT: 13.315 min Scan# 1926
Delta R.T. -0.000 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45

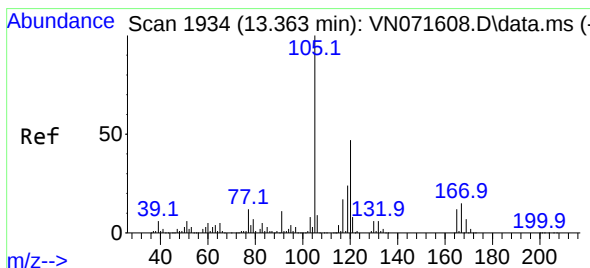
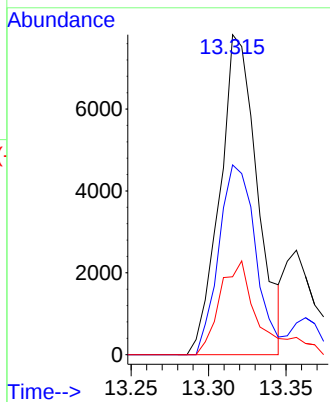
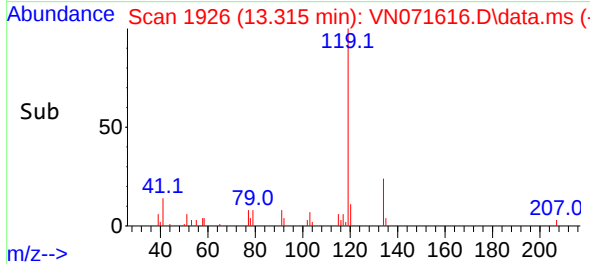
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2022



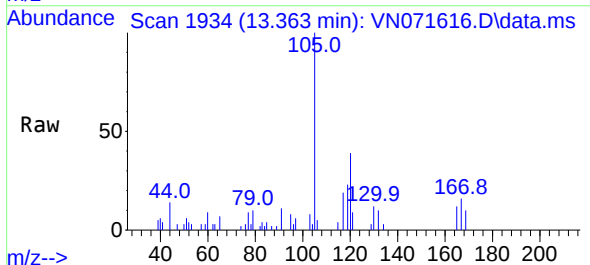
Tgt Ion:119 Resp: 13174
Ion Ratio Lower Upper
119 100
91 58.0 31.6 94.8
134 30.5 13.7 41.1

Manual Integrations
APPROVED

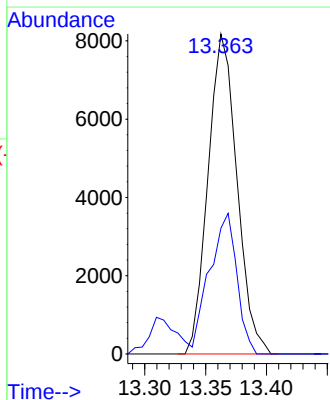
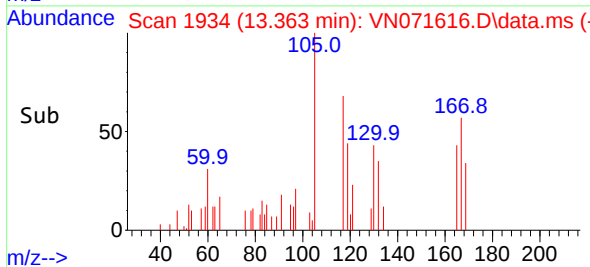
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

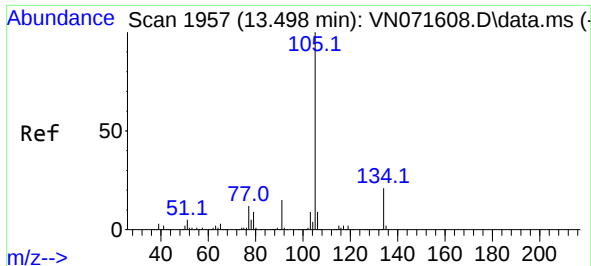


#84
1,2,4-Trimethylbenzene
Concen: 0.680 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45



Tgt Ion:105 Resp: 13512
Ion Ratio Lower Upper
105 100
120 41.4 23.3 69.8





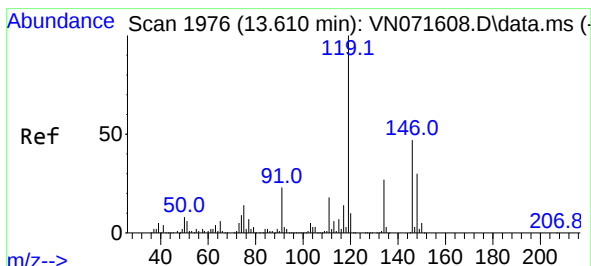
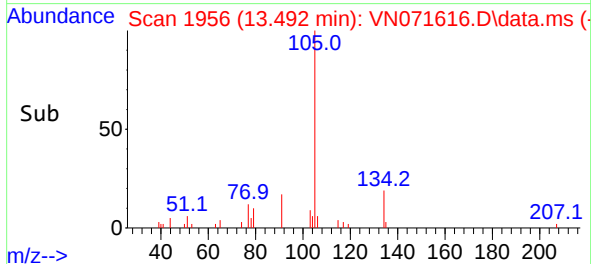
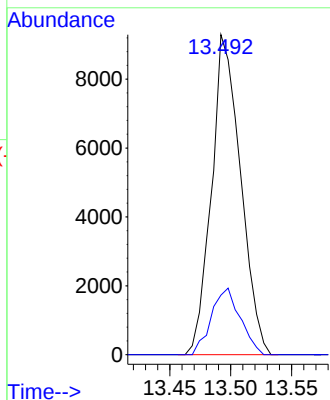
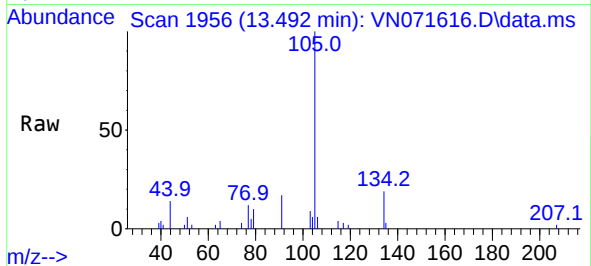
#85
 sec-Butylbenzene
 Concen: 0.627 ug/l
 RT: 13.492 min Scan# 1956
 Delta R.T. -0.006 min
 Lab File: VN071616.D
 Acq: 28 Mar 2022 20:45

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

Tgt Ion:105 Resp: 15436
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.1

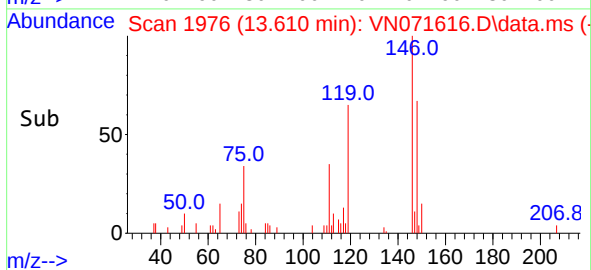
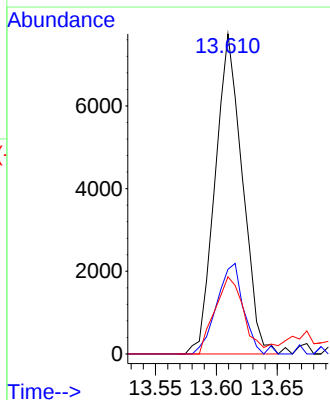
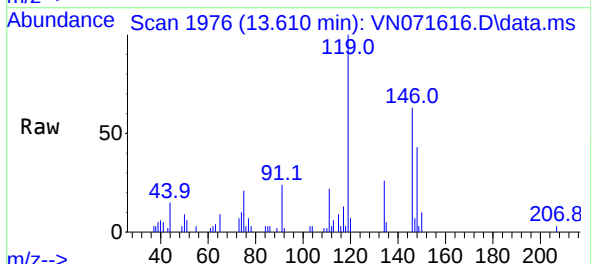
Manual Integrations
 APPROVED

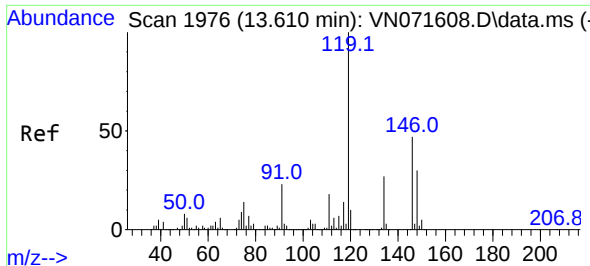
Reviewed By :John Carlone 03/29/2022
 Supervised By :Mahesh Dadoda 03/30/2022



#86
 p-Isopropyltoluene
 Concen: 0.617 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071616.D
 Acq: 28 Mar 2022 20:45

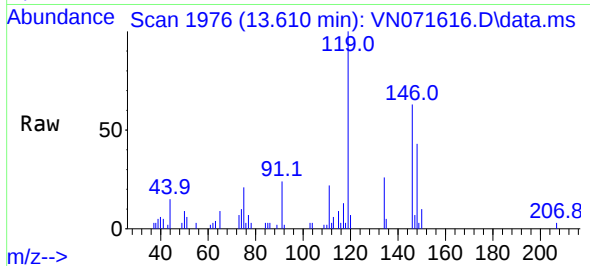
Tgt Ion:119 Resp: 12064
 Ion Ratio Lower Upper
 119 100
 134 27.9 13.3 39.8
 91 25.3 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 0.769 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45

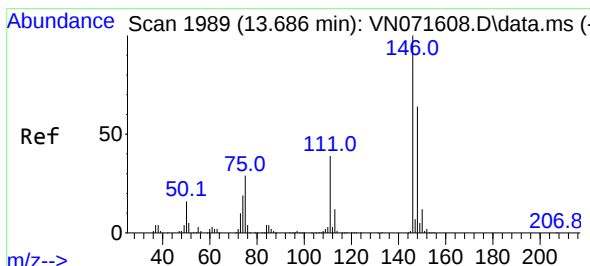
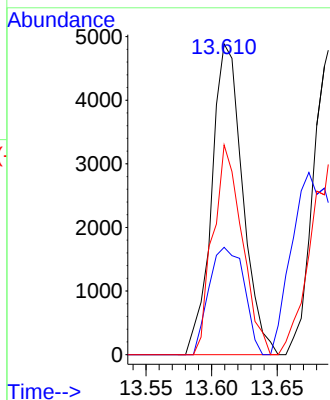
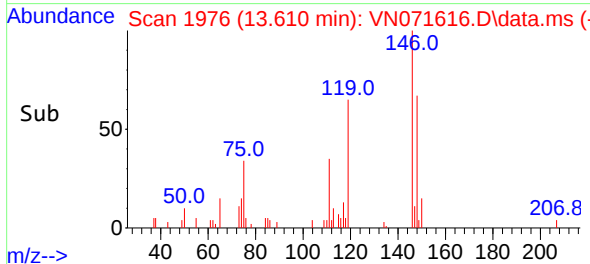
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



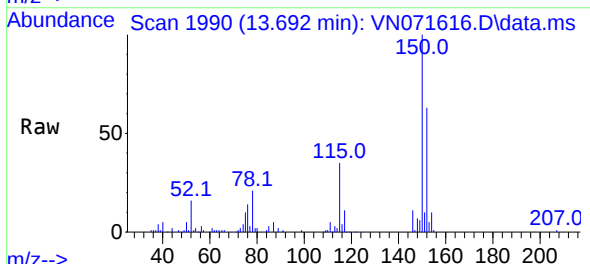
Tgt Ion:146 Resp: 802
Ion Ratio Lower Upper
146 100
111 39.3 20.0 60.0
148 63.8 32.0 96.0

Manual Integrations
APPROVED

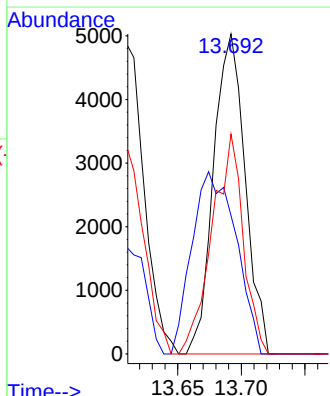
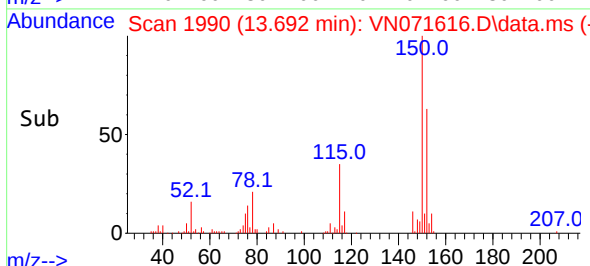
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

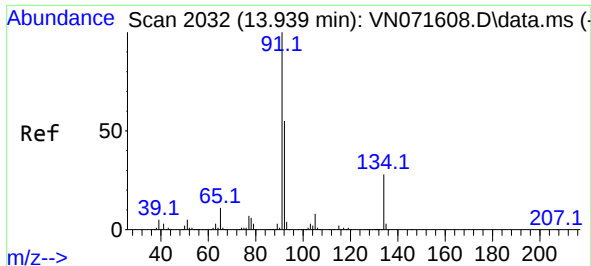


#88
1,4-Dichlorobenzene
Concen: 0.839 ug/l m
RT: 13.692 min Scan# 1990
Delta R.T. 0.006 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45



Tgt Ion:146 Resp: 8688
Ion Ratio Lower Upper
146 100
111 36.3 19.1 57.1
148 59.0 31.4 94.3





#89

n-Butylbenzene

Concen: 0.698 ug/l

RT: 13.933 min Scan# 2032

Delta R.T. -0.006 min

Lab File: VN071616.D

Acq: 28 Mar 2022 20:45

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2022

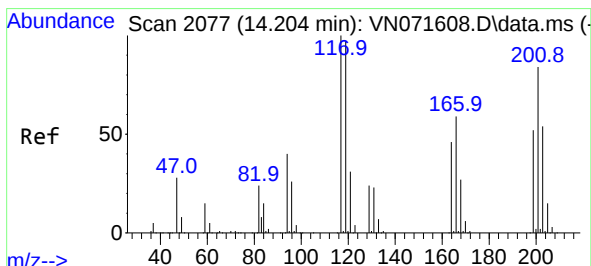
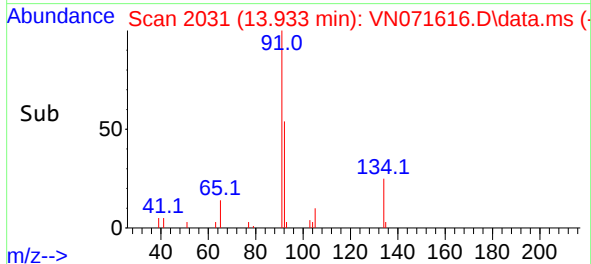
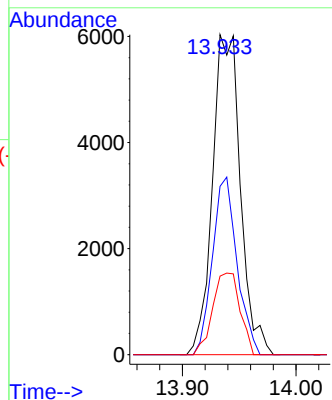
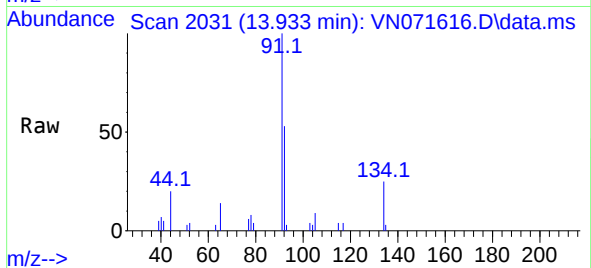
Tgt Ion: 91	Resp: 10300
Ion Ratio	Lower Upper
91 100	
92 48.8	26.9 80.7
134 25.0	13.6 40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2022

Supervised By :Mahesh Dadoda 03/30/2022



#90

Hexachloroethane

Concen: 0.707 ug/l

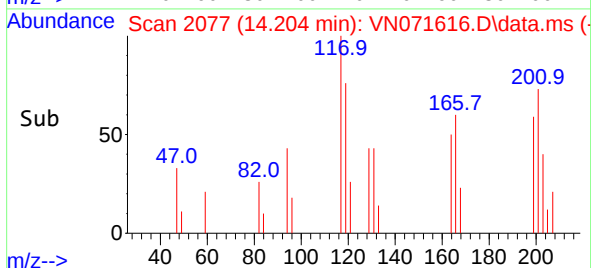
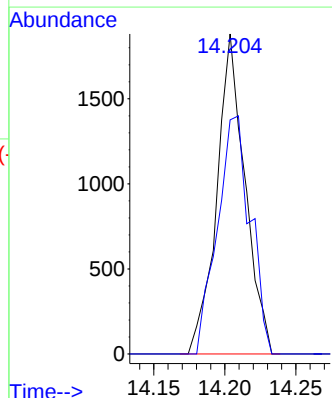
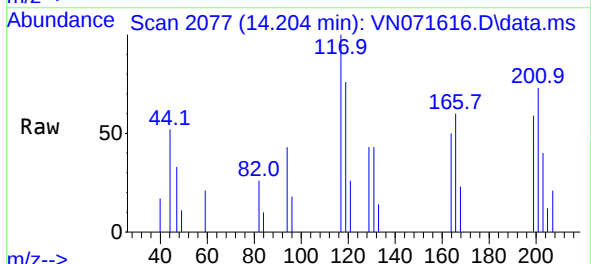
RT: 14.204 min Scan# 2077

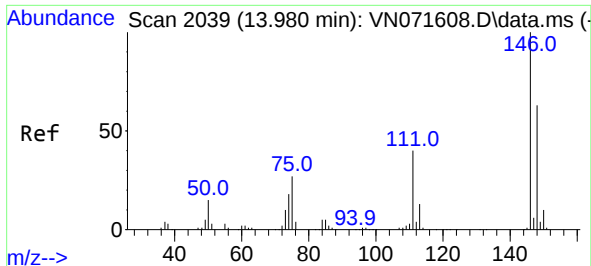
Delta R.T. -0.000 min

Lab File: VN071616.D

Acq: 28 Mar 2022 20:45

Tgt Ion: 117	Resp: 2595
Ion Ratio	Lower Upper
117 100	
201 86.9	40.6 122.0





#91

1,2-Dichlorobenzene

Concen: 0.765 ug/l

RT: 13.986 min Scan# 2039

Delta R.T. 0.006 min

Lab File: VN071616.D

Acq: 28 Mar 2022 20:45

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2022

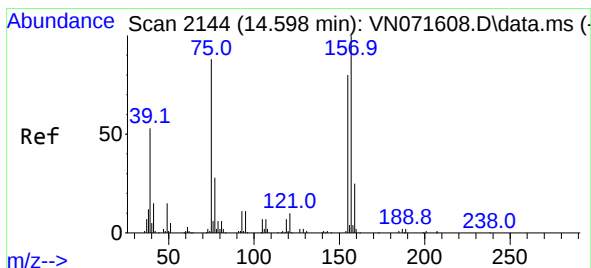
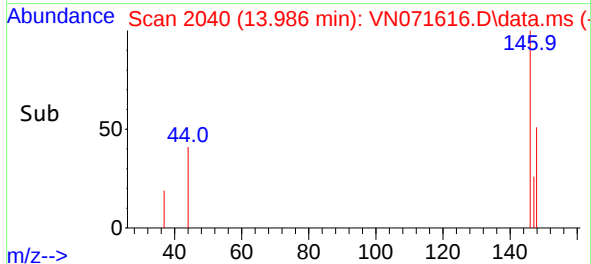
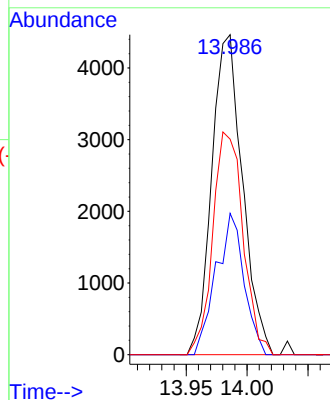
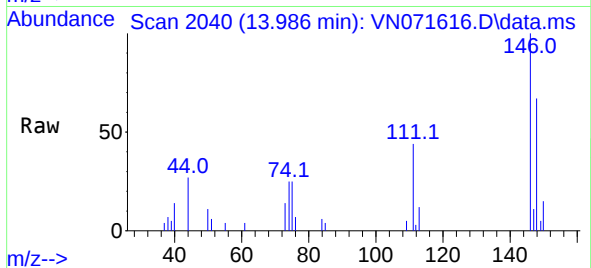
Tgt Ion:146 Resp: 7820
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.9 62.8
 148 68.6 32.1 96.3

Manual Integrations

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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: 0.756 ug/l

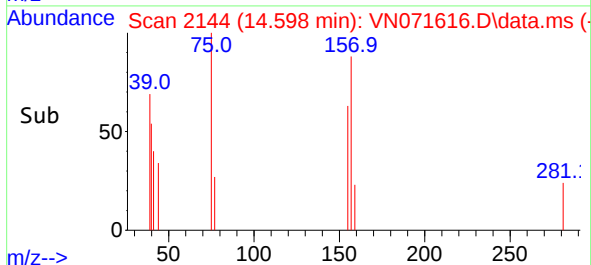
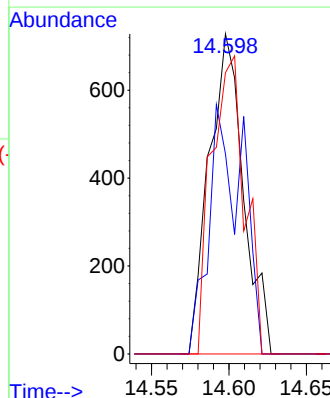
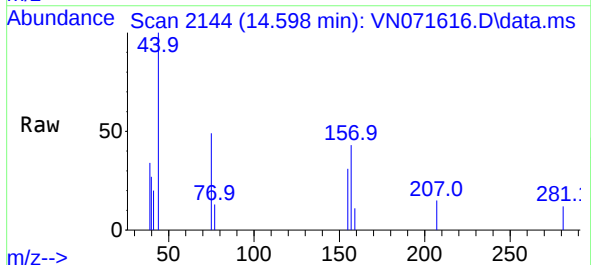
RT: 14.598 min Scan# 2144

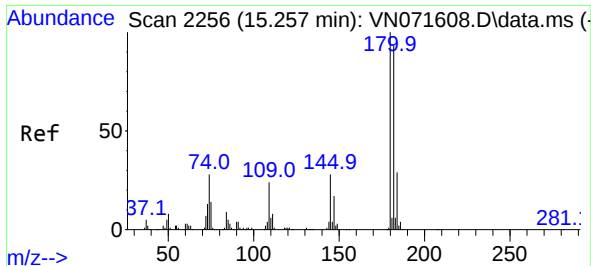
Delta R.T. -0.000 min

Lab File: VN071616.D

Acq: 28 Mar 2022 20:45

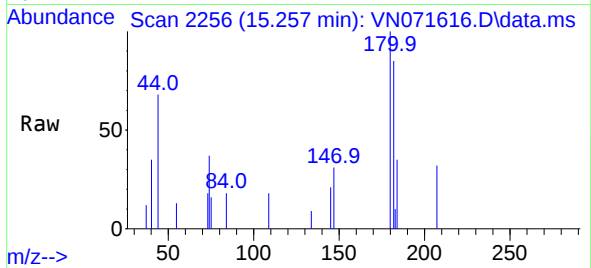
Tgt Ion: 75 Resp: 1125
 Ion Ratio Lower Upper
 75 100
 155 75.8 44.9 134.5
 157 90.0 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 0.696 ug/l
RT: 15.257 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45

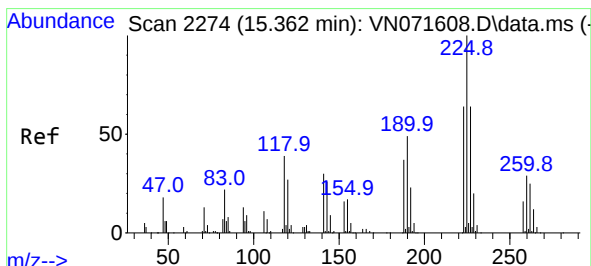
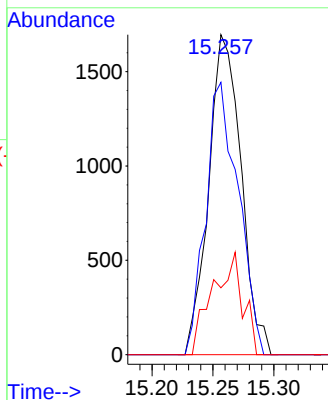
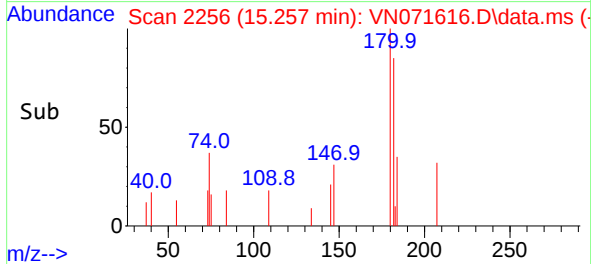
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2022



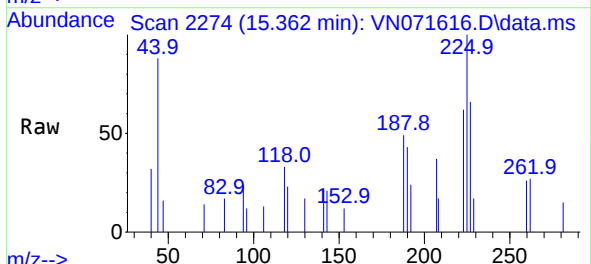
Tgt Ion:180 Resp: 314
Ion Ratio Lower Upper
180 100
182 85.7 47.5 142.5
145 29.8 14.5 43.5

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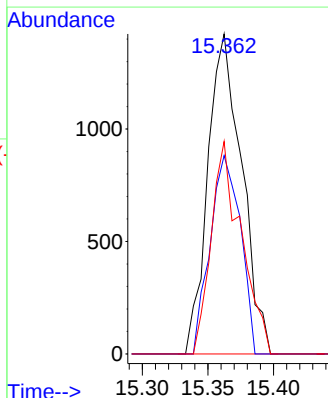
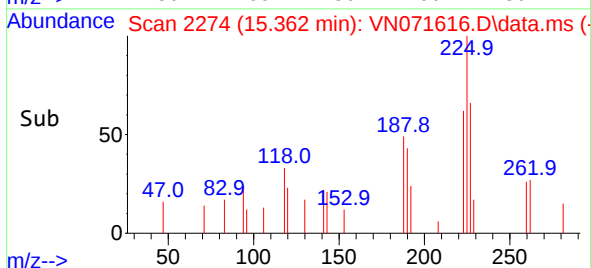
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

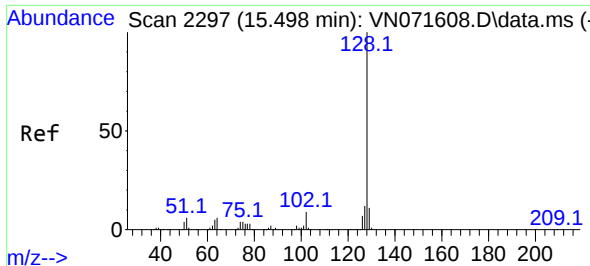


#94
Hexachlorobutadiene
Concen: 0.900 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. -0.000 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45



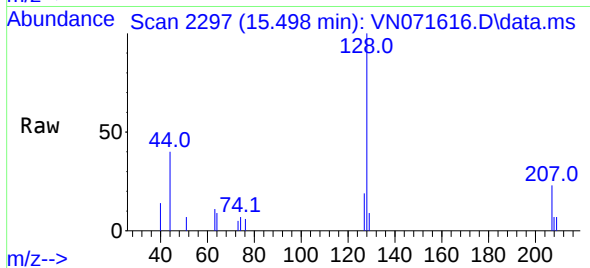
Tgt Ion:225 Resp: 2560
Ion Ratio Lower Upper
225 100
223 55.3 32.4 97.2
227 58.9 31.8 95.4





#95
Naphthalene
Concen: 0.515 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45

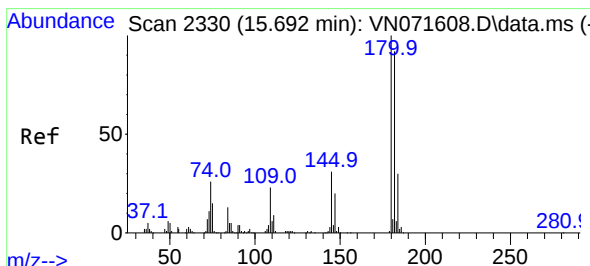
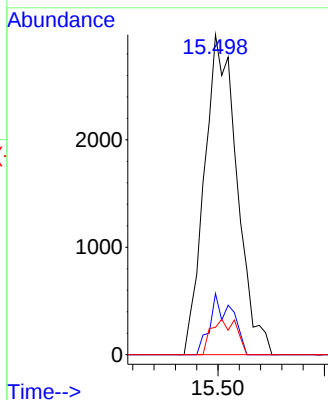
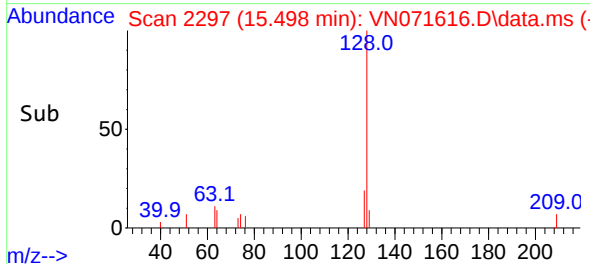
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2022



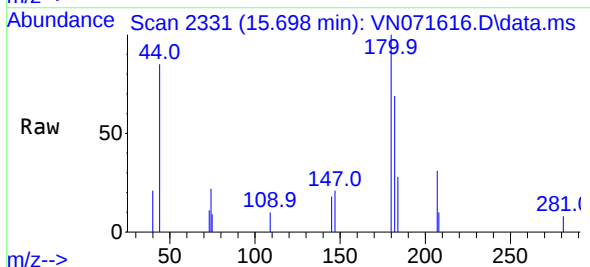
Tgt Ion:128 Resp: 633
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 8.6 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 0.627 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN071616.D
Acq: 28 Mar 2022 20:45



Tgt Ion:180 Resp: 2836
Ion Ratio Lower Upper
180 100
182 98.0 47.8 143.3
145 24.0 15.5 46.5

