

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060822\
 Data File : VN072711.D
 Acq On : 08 Jun 2022 21:31
 Operator : JC\MD
 Sample : N3214-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Jun 09 05:55:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 05:53:33 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/09/2022
 Supervised By : Mahesh Dadoda 06/09/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	159689	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	305387	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	287886	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	111101	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	219950	51.319	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	102.640%		
35) Dibromofluoromethane	8.022	113	147374	48.771	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.540%		
50) Toluene-d8	10.439	98	559738	46.428	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	92.860%		
62) 4-Bromofluorobenzene	12.727	95	157772	38.136	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	76.280%		
Target Compounds						
						Qvalue
3) Chloromethane	2.293	50	1431	0.464	ug/l	# 85
5) Bromomethane	2.834	94	449	0.323	ug/l	# 56
6) Chloroethane	2.999	64	421m	0.211	ug/l	
7) Trichlorofluoromethane	3.357	101	984m	0.218	ug/l	
11) Tert butyl alcohol	5.310	59	4750m	4.646	ug/l	
13) Acrolein	4.034	56	265m	0.628	ug/l	
14) Allyl chloride	4.828	41	1380m	0.259	ug/l	
15) Acrylonitrile	5.563	53	1693	0.782	ug/l	# 83
16) Acetone	4.299	43	3381	1.646	ug/l	95
17) Carbon Disulfide	4.516	76	1918	0.330	ug/l	# 75
18) Methyl Acetate	4.869	43	1796	0.336	ug/l	# 48
20) Methylene Chloride	5.087	84	1073	0.331	ug/l	# 67
23) Vinyl Acetate	6.440	43	6904	0.699	ug/l	94
25) 2-Butanone	7.340	43	5379	1.628	ug/l	# 79
26) 2,2-Dichloropropane	7.310	77	2533	0.500	ug/l	# 53
28) Bromochloromethane	7.657	49	660	0.250	ug/l	# 38
29) Tetrahydrofuran	7.692	42	2352	1.152	ug/l	# 45
31) Cyclohexane	8.087	56	6277	1.296	ug/l	# 43
42) 1,2-Dichloroethane	8.522	62	1244	0.236	ug/l	# 74
43) Isopropyl Acetate	8.563	43	2069	0.204	ug/l	# 53
48) Methyl methacrylate	9.551	41	1041	0.217	ug/l	# 67
49) 1,4-Dioxane	9.581	88	63	0.718	ug/l	# 59
51) 4-Methyl-2-Pentanone	10.328	43	5312	0.804	ug/l	89
52) Toluene	10.504	92	1718	0.216	ug/l	88
53) t-1,3-Dichloropropene	10.716	75	1100	0.200	ug/l	# 85
58) 2-Chloroethyl Vinyl ether	10.039	63	2249	0.930	ug/l	99
59) 2-Hexanone	11.086	43	4458	0.917	ug/l	85
64) Tetrachloroethene	10.980	164	530	0.219	ug/l	# 43
65) Chlorobenzene	11.769	112	1669	0.218	ug/l	# 85
68) m/p-Xylenes	11.957	106	1822	0.355	ug/l	89
70) Styrene	12.286	104	1681	0.208	ug/l	# 81
74) N-amyl acetate	12.392	43	1293	0.233	ug/l	# 68
76) 1,2,3-Trichloropropane	12.869	75	886m	0.247	ug/l	
77) Bromobenzene	12.863	156	543	0.231	ug/l	80
79) 2-Chlorotoluene	13.010	91	1872	0.229	ug/l	75
82) 4-Chlorotoluene	13.110	91	1994	0.264	ug/l	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	13.321	119	1904	0.230	ug/l	93
87) 1,3-Dichlorobenzene	13.621	146	983	0.246	ug/l	85
88) 1,4-Dichlorobenzene	13.692	146	1672m	0.428	ug/l	
89) n-Butylbenzene	13.939	91	1585	0.214	ug/l	97
91) 1,2-Dichlorobenzene	13.992	146	1023	0.262	ug/l	84
93) 1,2,4-Trichlorobenzene	15.263	180	785	0.417	ug/l #	65
95) Naphthalene	15.504	128	4187	0.574	ug/l #	85
96) 1,2,3-Trichlorobenzene	15.686	180	804	0.429	ug/l #	81

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

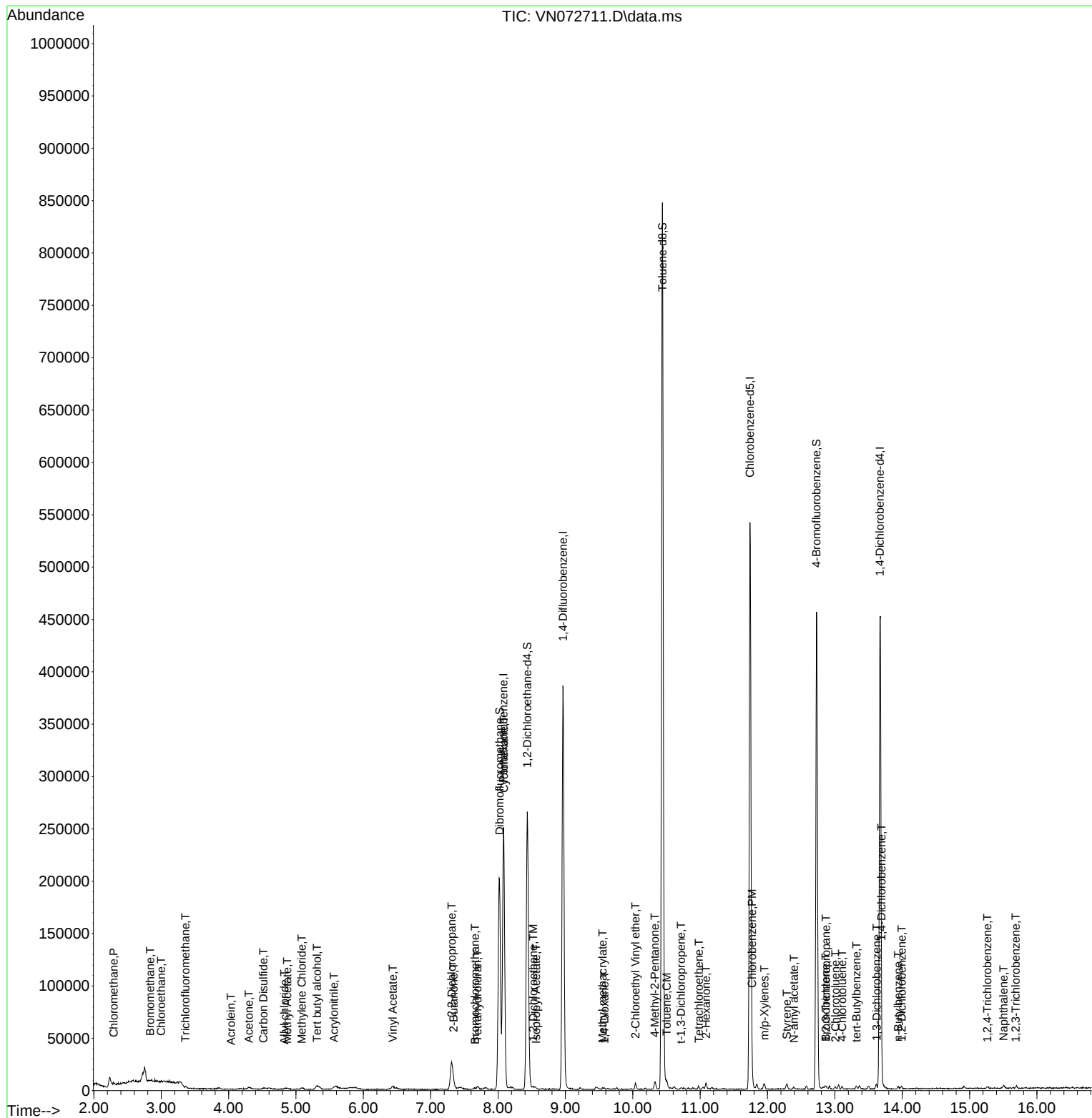
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Sample : N3214-07
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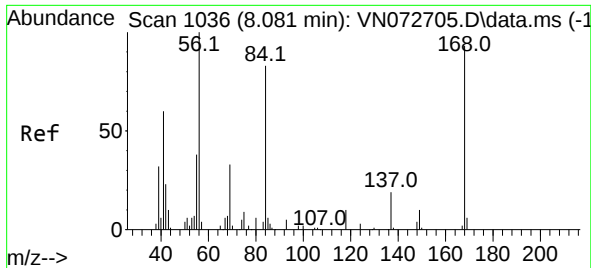
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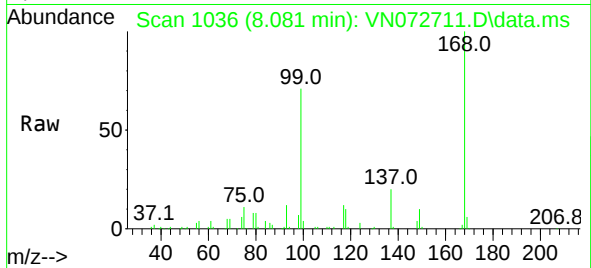
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
Quant Title : SW846 8260
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072711.D
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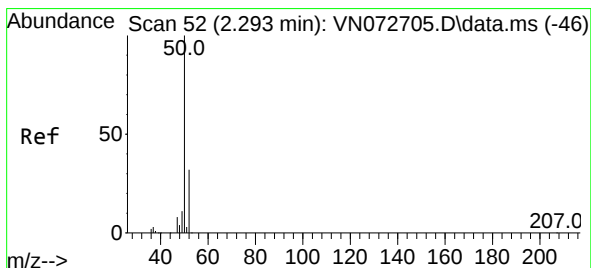
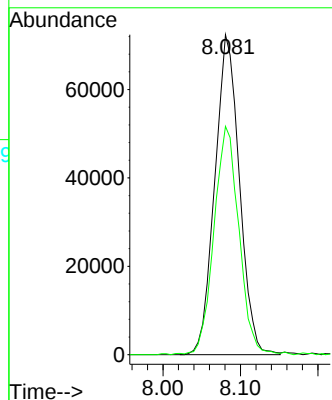
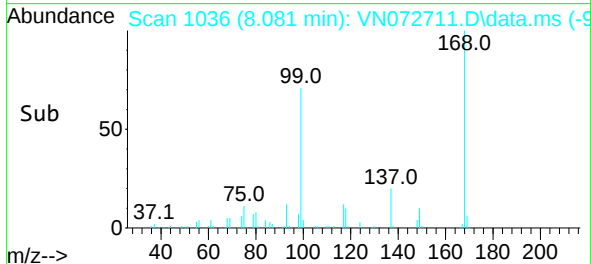
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



Tgt Ion:168 Resp: 159689
Ion Ratio Lower Upper
168 100
99 71.0 42.3 63.5

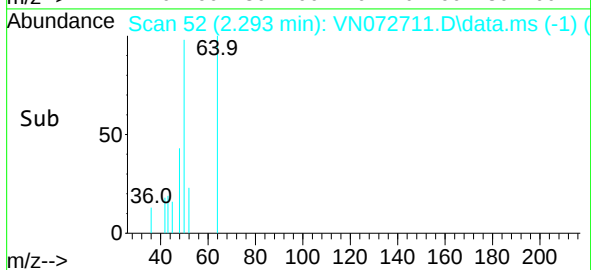
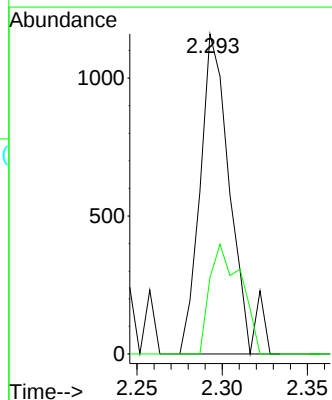
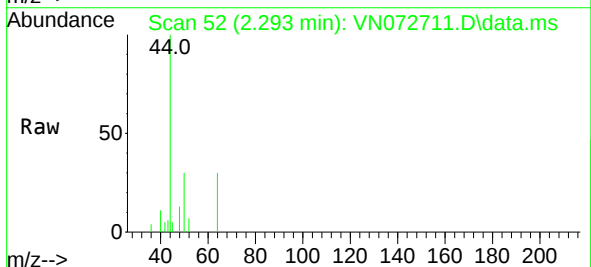
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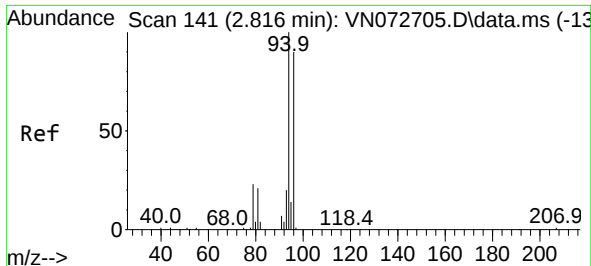
Reviewed By :John Carlone 06/09/2022
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#3
Chloromethane
Concen: 0.464 ug/l
RT: 2.293 min Scan# 52
Delta R.T. -0.000 min
Lab File: VN072711.D
Acq: 08 Jun 2022 21:31

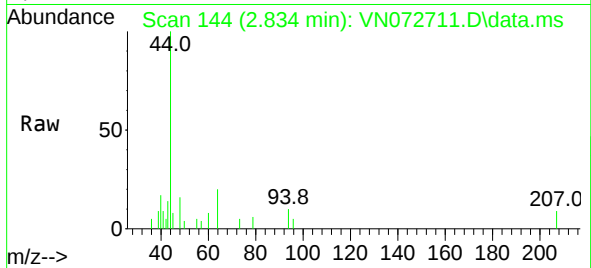
Tgt Ion: 50 Resp: 1431
Ion Ratio Lower Upper
50 100
52 23.9 25.7 38.5





#5
Bromomethane
Concen: 0.323 ug/l
RT: 2.834 min Scan# 141
Delta R.T. 0.018 min
Lab File: VN072711.D
Acq: 08 Jun 2022 21:31

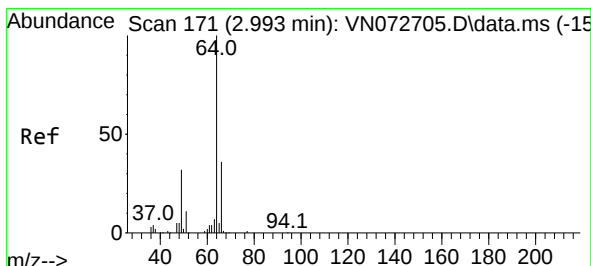
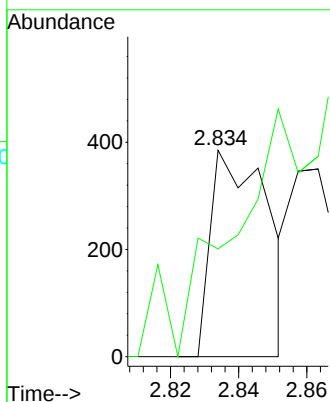
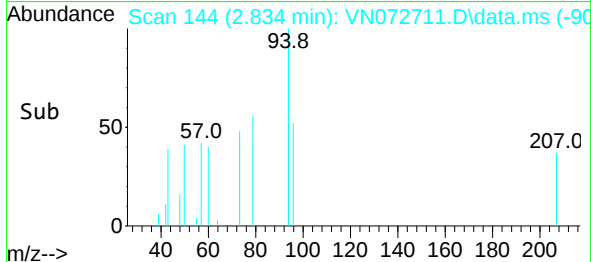
Instrument :
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LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 94 Resp: 449
Ion Ratio Lower Upper
94 100
96 52.2 76.0 114.0

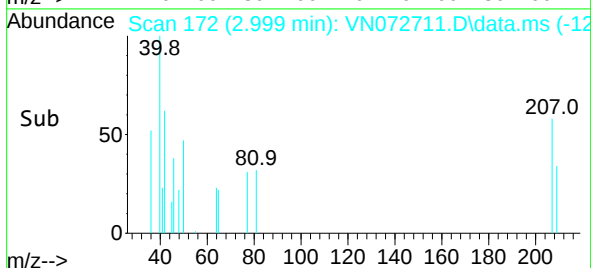
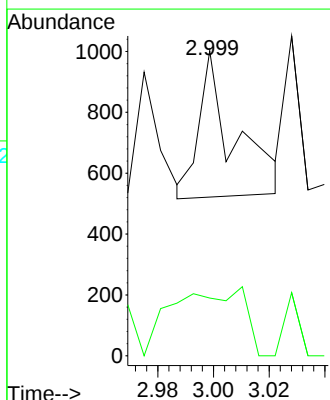
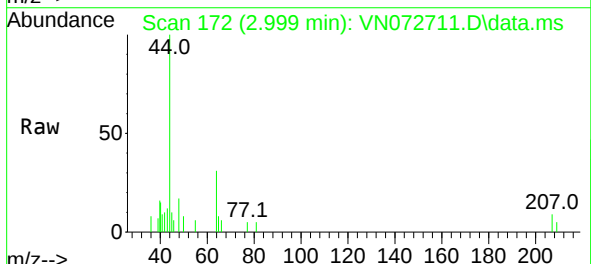
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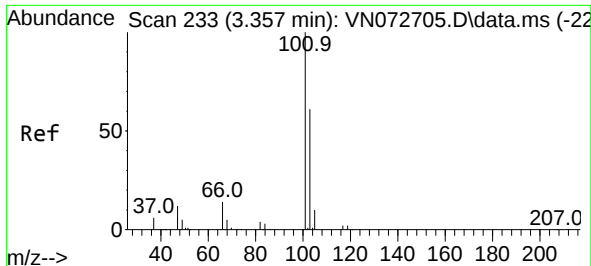
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#6
Chloroethane
Concen: 0.211 ug/l m
RT: 2.999 min Scan# 172
Delta R.T. 0.006 min
Lab File: VN072711.D
Acq: 08 Jun 2022 21:31

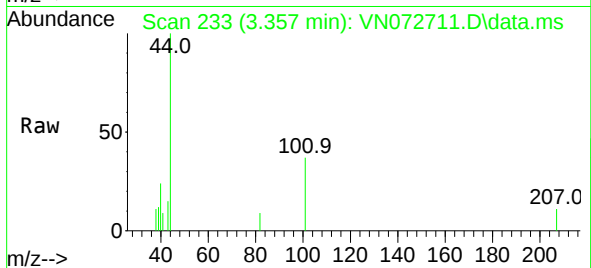
Tgt Ion: 64 Resp: 421
Ion Ratio Lower Upper
64 100
66 19.0 26.2 39.4





#7
Trichlorofluoromethane
Concen: 0.218 ug/l m
RT: 3.357 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN072711.D
Acq: 08 Jun 2022 21:31

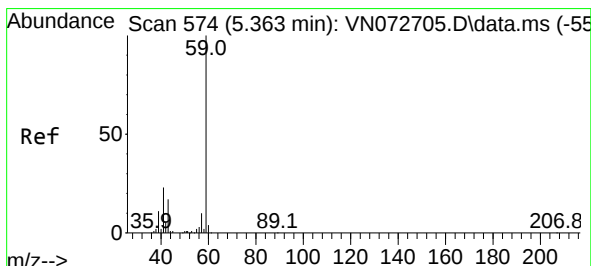
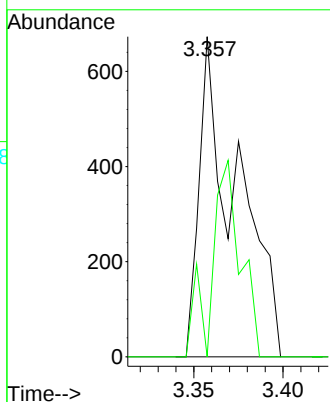
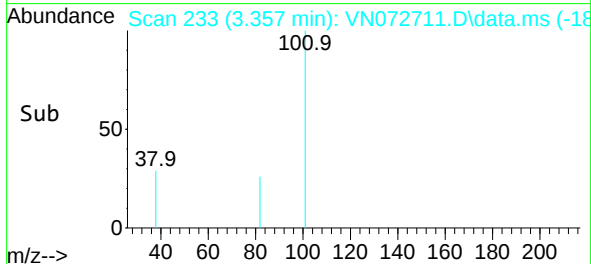
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



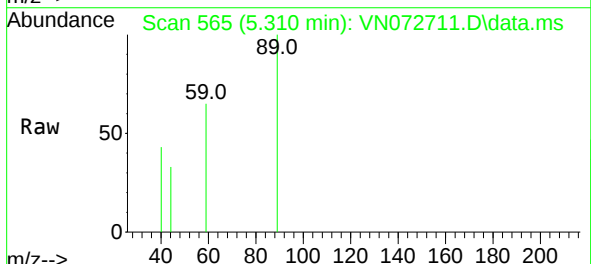
Tgt Ion:101 Resp: 984
Ion Ratio Lower Upper
101 100
103 0.0 51.5 77.3

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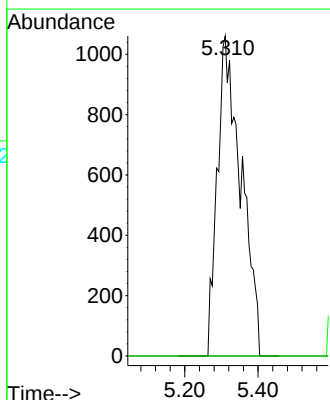
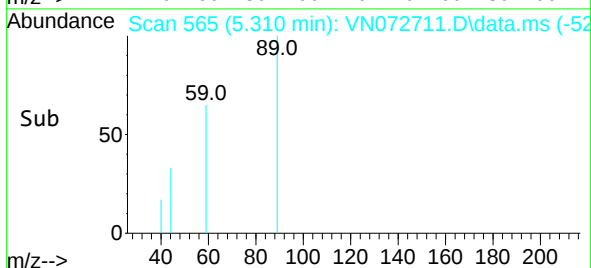
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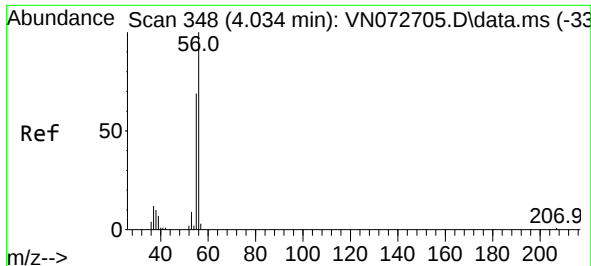


#11
Tert butyl alcohol
Concen: 4.646 ug/l m
RT: 5.310 min Scan# 565
Delta R.T. -0.053 min
Lab File: VN072711.D
Acq: 08 Jun 2022 21:31



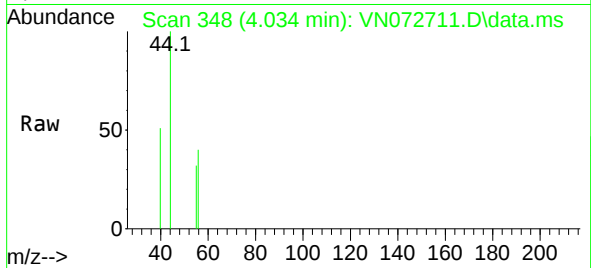
Tgt Ion: 59 Resp: 4750
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5





#13
Acrolein
Concen: 0.628 ug/l m
RT: 4.034 min Scan# 348
Delta R.T. -0.000 min
Lab File: VN072711.D
Acq: 08 Jun 2022 21:31

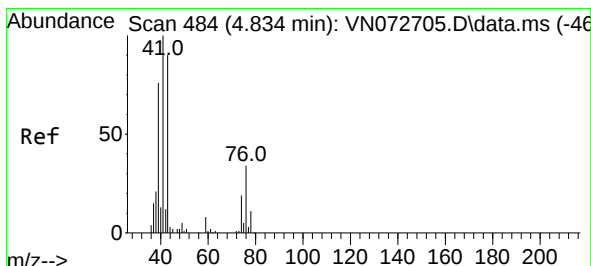
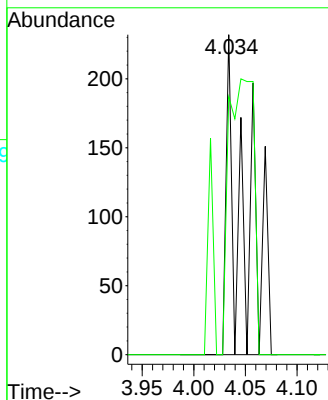
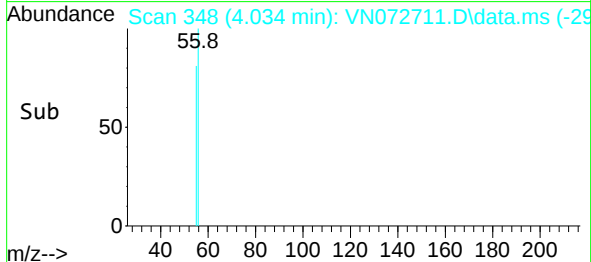
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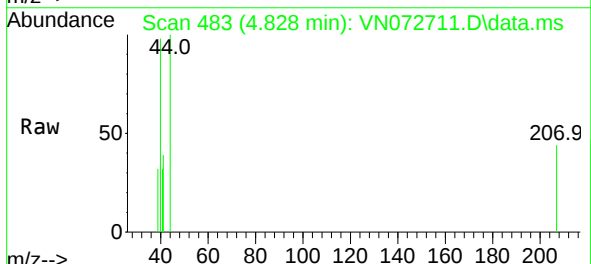
Tgt Ion: 56 Resp: 265
Ion Ratio Lower Upper
56 100
55 20.8 54.8 82.2

Manual Integrations
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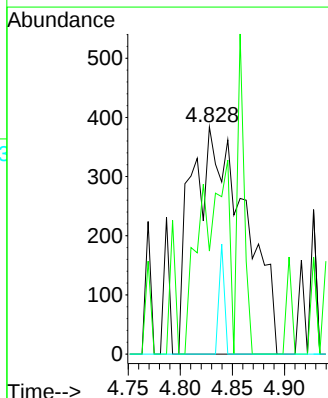
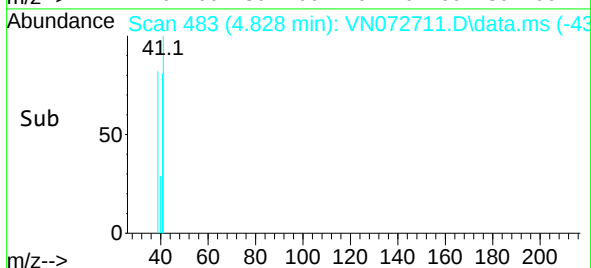
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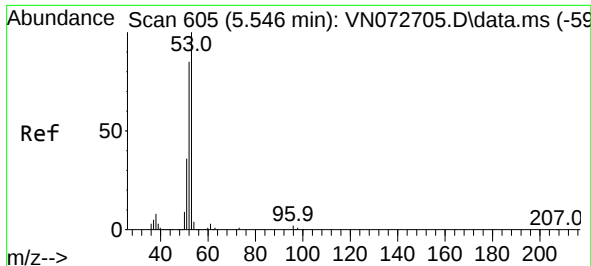


#14
Allyl chloride
Concen: 0.259 ug/l m
RT: 4.828 min Scan# 483
Delta R.T. -0.006 min
Lab File: VN072711.D
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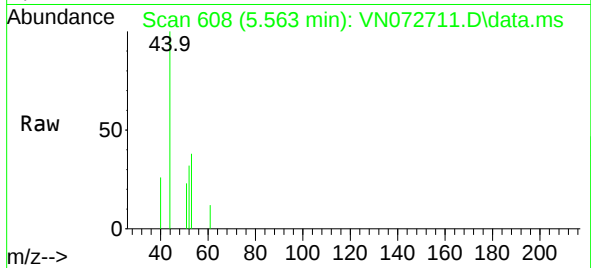
Tgt Ion: 41 Resp: 1380
Ion Ratio Lower Upper
41 100
39 20.8 53.2 79.8#
76 0.0 29.9 44.9#





#15
Acrylonitrile
Concen: 0.782 ug/l
RT: 5.563 min Scan# 605
Delta R.T. 0.017 min
Lab File: VN072711.D
Acq: 08 Jun 2022 21:31

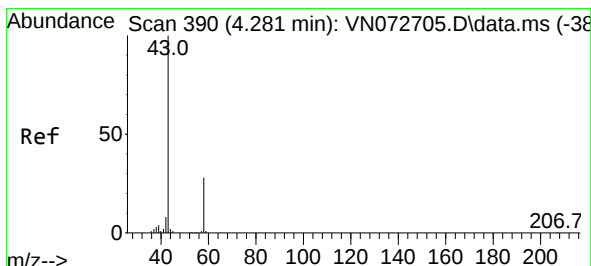
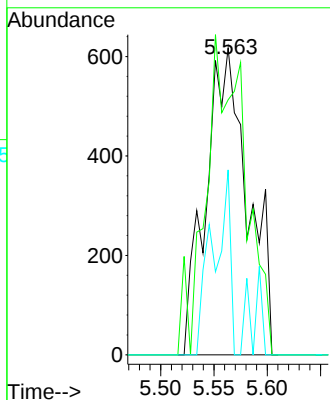
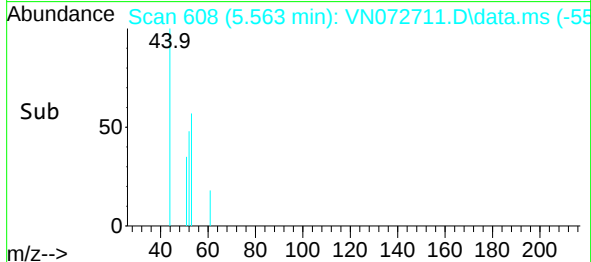
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Tgt Ion: 53 Resp: 169
Ion Ratio Lower Upper
53 100
52 97.5 66.4 99.6
51 24.6 28.5 42.7

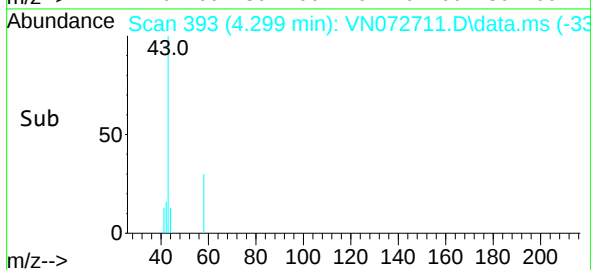
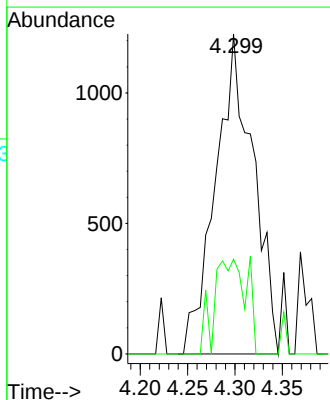
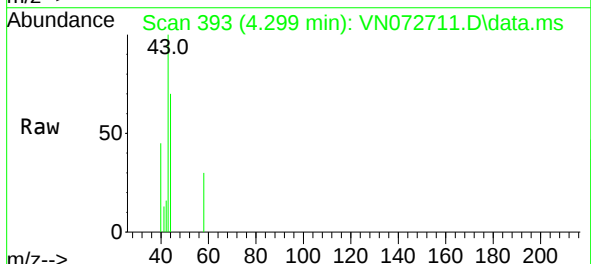
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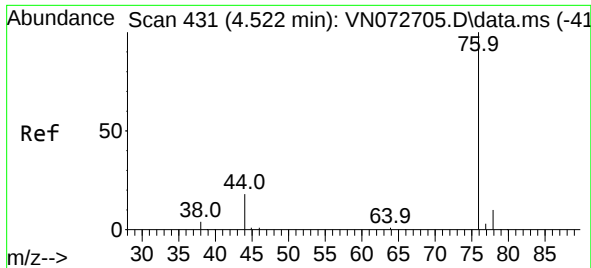
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#16
Acetone
Concen: 1.646 ug/l
RT: 4.299 min Scan# 393
Delta R.T. 0.018 min
Lab File: VN072711.D
Acq: 08 Jun 2022 21:31

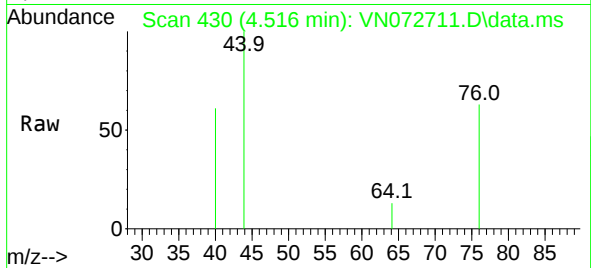
Tgt Ion: 43 Resp: 3381
Ion Ratio Lower Upper
43 100
58 29.6 26.0 39.0





#17
Carbon Disulfide
Concen: 0.330 ug/l
RT: 4.516 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN072711.D
Acq: 08 Jun 2022 21:31

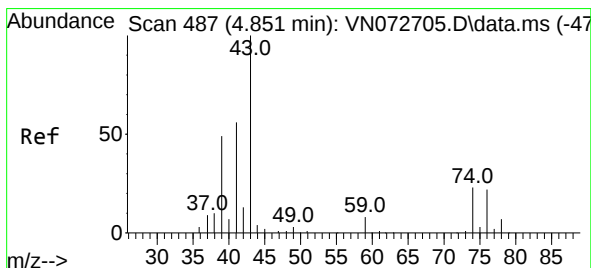
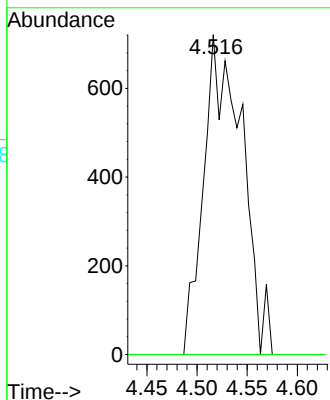
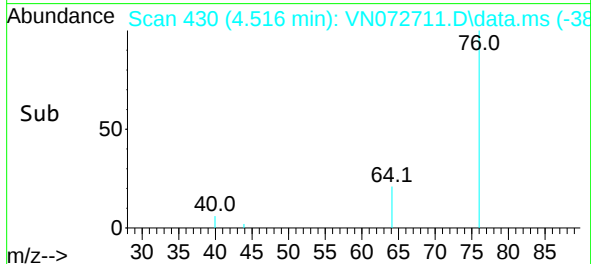
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Tgt Ion: 76 Resp: 1918
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8

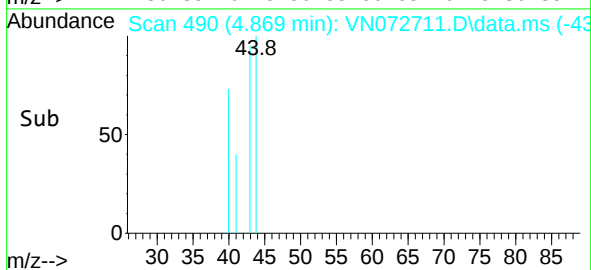
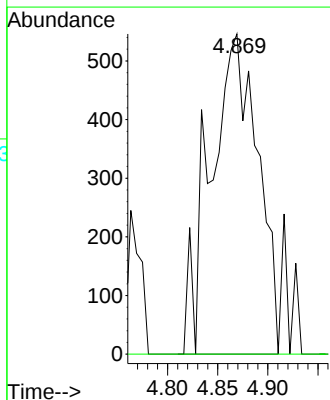
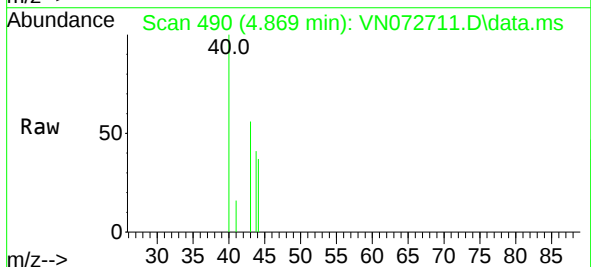
Manual Integrations
APPROVED

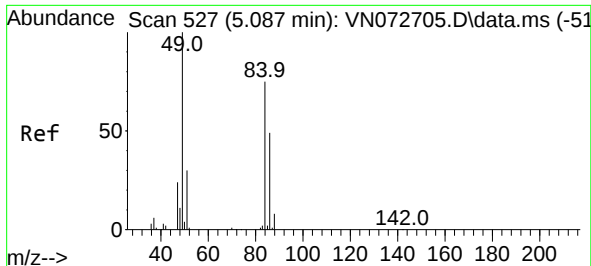
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#18
Methyl Acetate
Concen: 0.336 ug/l
RT: 4.869 min Scan# 490
Delta R.T. 0.018 min
Lab File: VN072711.D
Acq: 08 Jun 2022 21:31

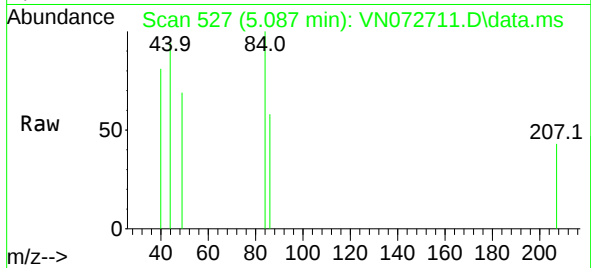
Tgt Ion: 43 Resp: 1796
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4





#20
Methylene Chloride
Concen: 0.331 ug/l
RT: 5.087 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072711.D
Acq: 08 Jun 2022 21:31

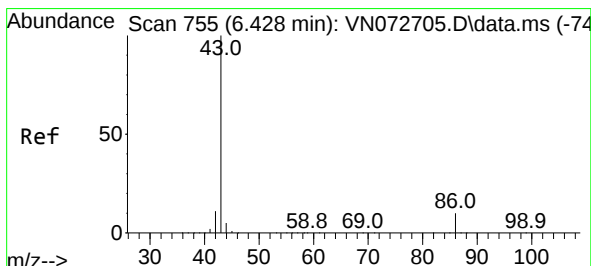
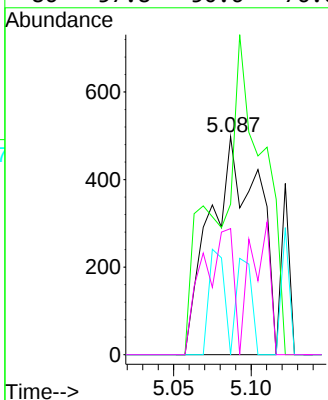
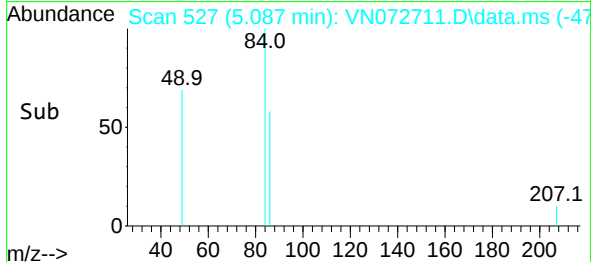
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 84 Resp: 107
Ion Ratio Lower Upper
84 100
49 69.1 88.3 132.5
51 0.0 28.2 42.2
86 57.8 50.6 76.0

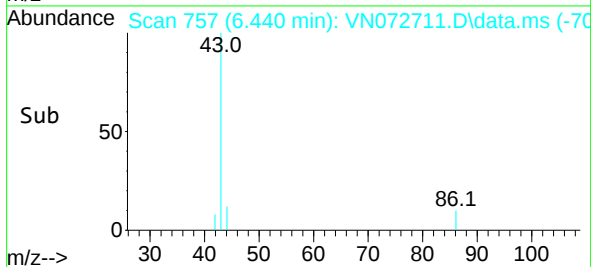
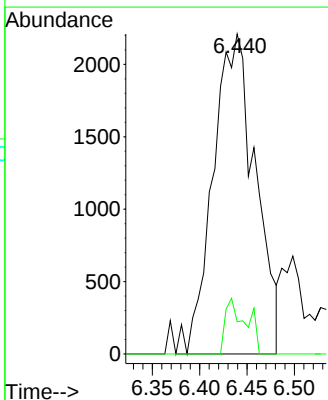
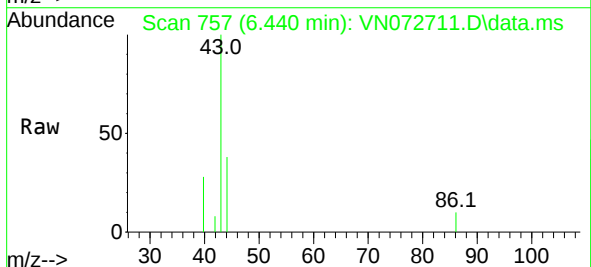
Manual Integrations
APPROVED

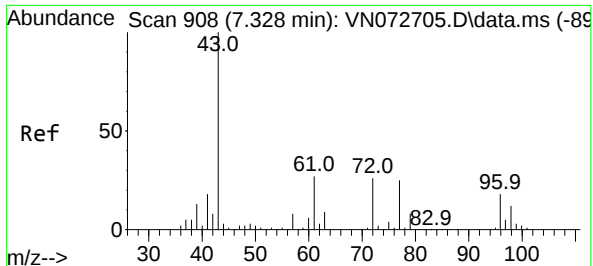
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#23
Vinyl Acetate
Concen: 0.699 ug/l
RT: 6.440 min Scan# 757
Delta R.T. 0.012 min
Lab File: VN072711.D
Acq: 08 Jun 2022 21:31

Tgt Ion: 43 Resp: 6904
Ion Ratio Lower Upper
43 100
86 10.1 10.0 15.0





#25

2-Butanone

Concen: 1.628 ug/l

RT: 7.340 min Scan# 908

Delta R.T. 0.012 min

Lab File: VN072711.D

Acq: 08 Jun 2022 21:31

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

Tgt Ion: 43 Resp: 5379

Ion Ratio Lower Upper

43 100

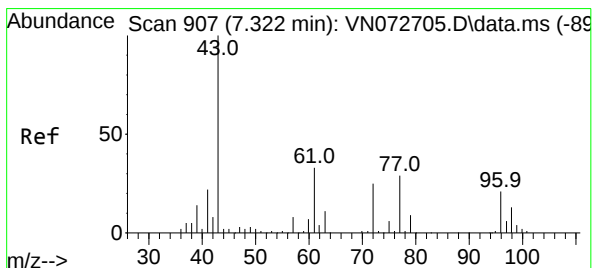
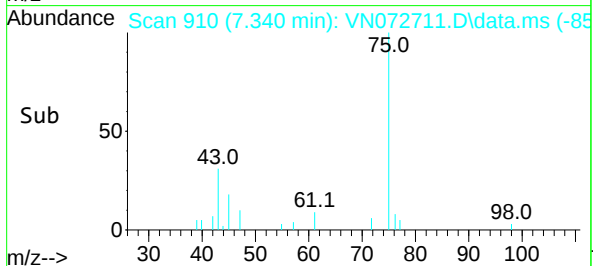
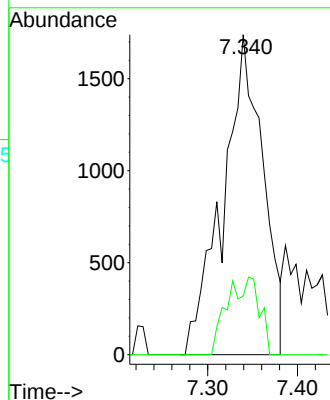
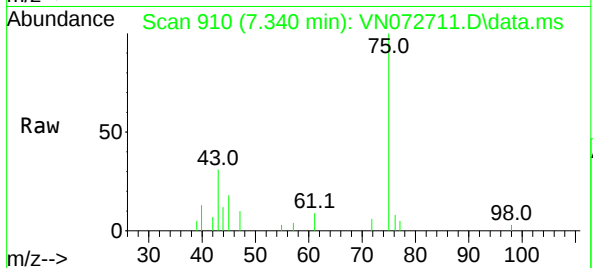
72 18.3 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#26

2,2-Dichloropropane

Concen: 0.500 ug/l

RT: 7.310 min Scan# 905

Delta R.T. -0.012 min

Lab File: VN072711.D

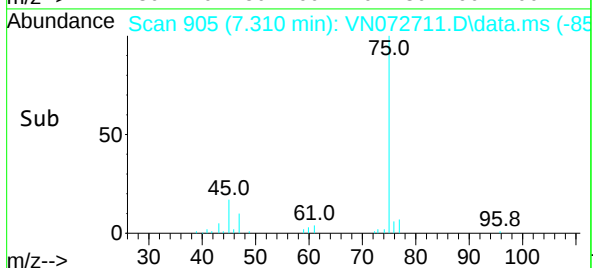
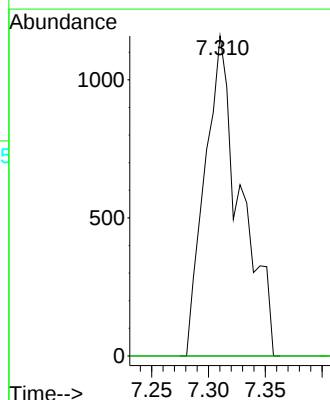
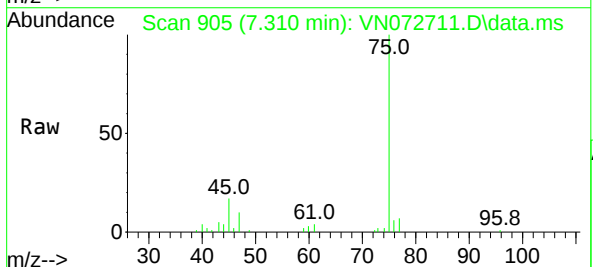
Acq: 08 Jun 2022 21:31

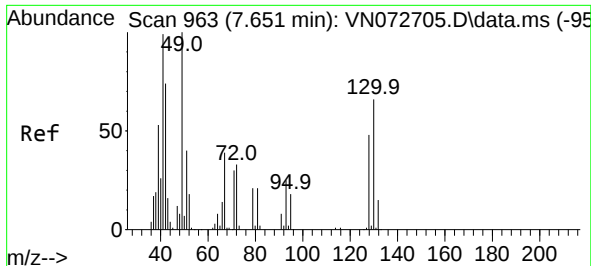
Tgt Ion: 77 Resp: 2533

Ion Ratio Lower Upper

77 100

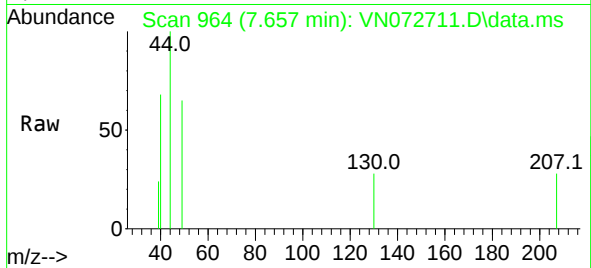
97 0.0 11.4 34.2#





#28
Bromochloromethane
Concen: 0.250 ug/l
RT: 7.657 min Scan# 964
Delta R.T. 0.006 min
Lab File: VN072711.D
Acq: 08 Jun 2022 21:31

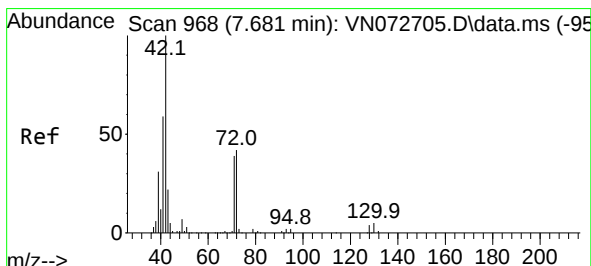
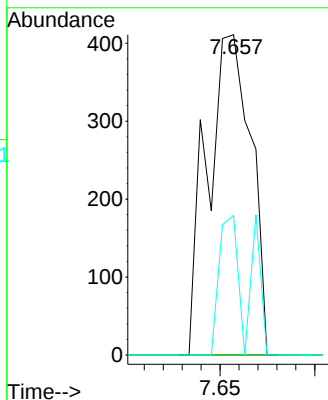
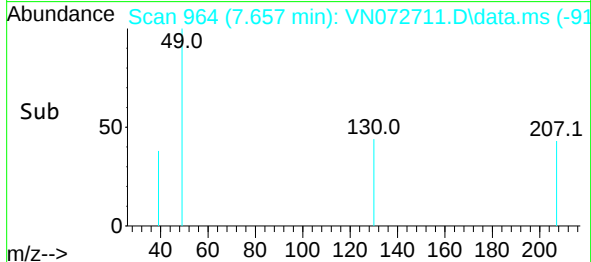
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



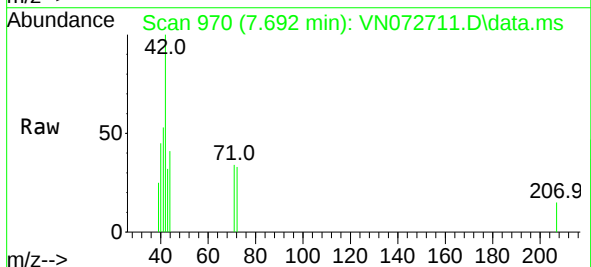
Tgt Ion: 49 Resp: 660
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 28.2 69.7 104.5

Manual Integrations
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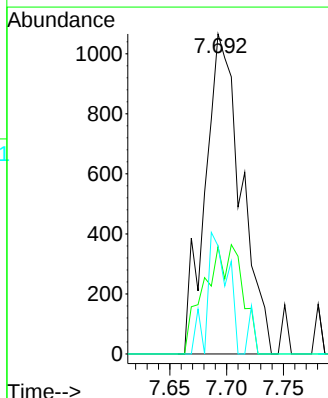
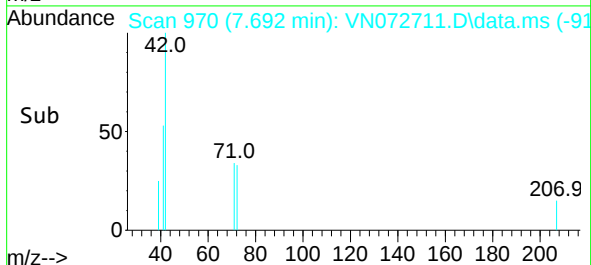
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

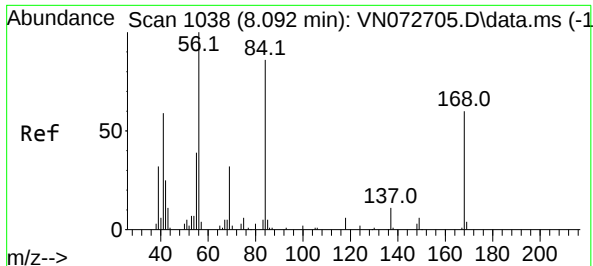


#29
Tetrahydrofuran
Concen: 1.152 ug/l
RT: 7.692 min Scan# 970
Delta R.T. 0.011 min
Lab File: VN072711.D
Acq: 08 Jun 2022 21:31



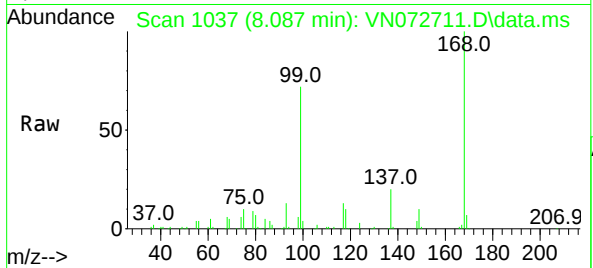
Tgt Ion: 42 Resp: 2352
Ion Ratio Lower Upper
42 100
72 0.0 39.7 59.5#
71 21.8 36.6 55.0#





#31
Cyclohexane
Concen: 1.296 ug/l
RT: 8.087 min Scan# 1037
Delta R.T. -0.005 min
Lab File: VN072711.D
Acq: 08 Jun 2022 21:31

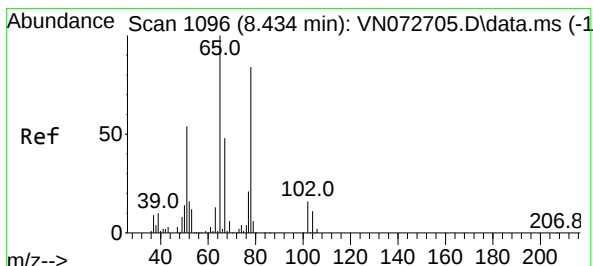
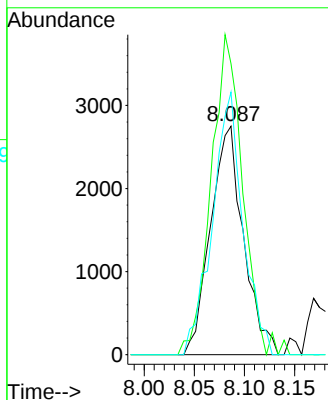
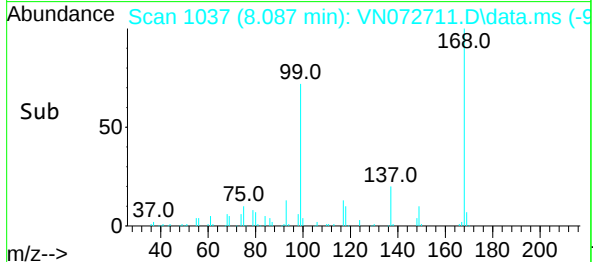
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



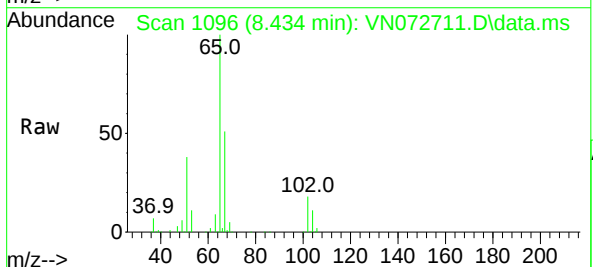
Tgt Ion: 56 Resp: 627
Ion Ratio Lower Upper
56 100
69 127.3 27.8 41.8
84 114.9 76.9 115.3

Manual Integrations
APPROVED

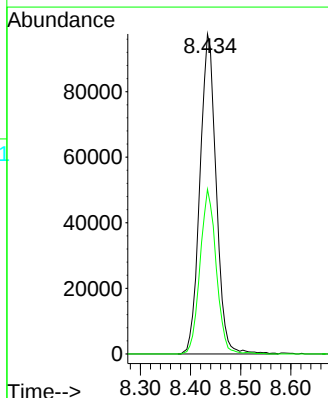
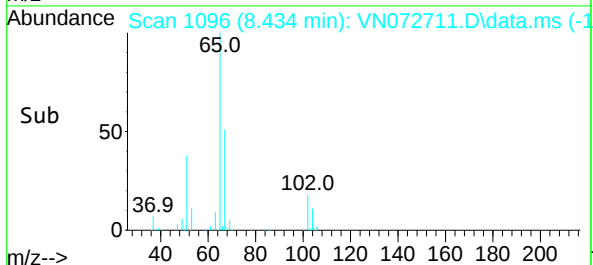
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

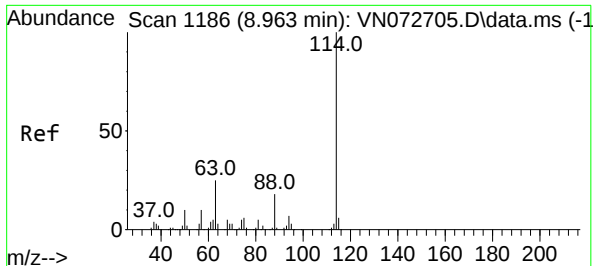


#33
1,2-Dichloroethane-d4
Concen: 51.319 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072711.D
Acq: 08 Jun 2022 21:31



Tgt Ion: 65 Resp: 219950
Ion Ratio Lower Upper
65 100
67 50.9 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072711.D

Acq: 08 Jun 2022 21:31

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

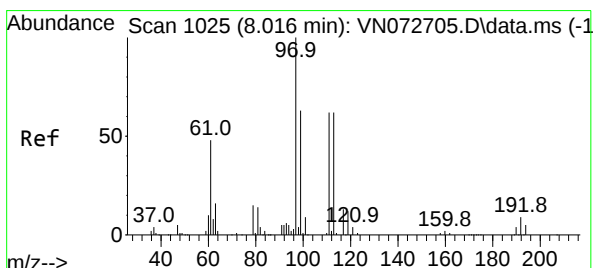
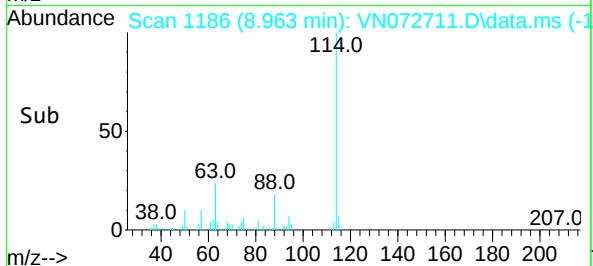
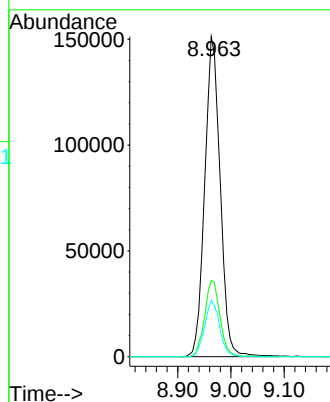
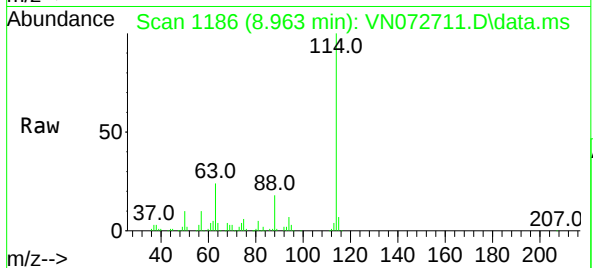
Tgt Ion:	114	Resp:	30538
Ion Ratio	Lower	Upper	
114	100		
63	23.9	0.0	40.0
88	17.6	0.0	32.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#35

Dibromofluoromethane

Concen: 48.771 ug/l

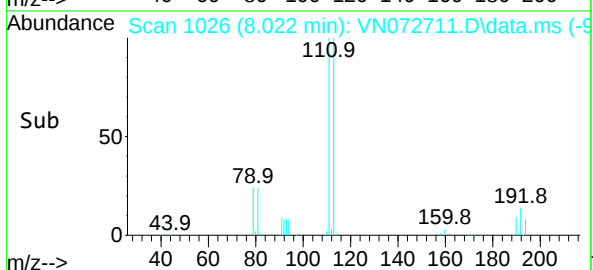
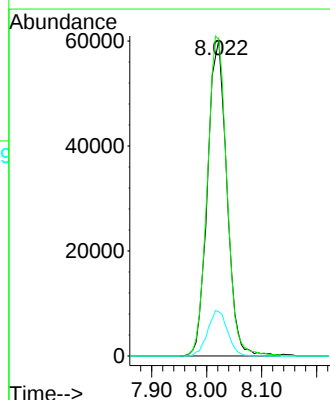
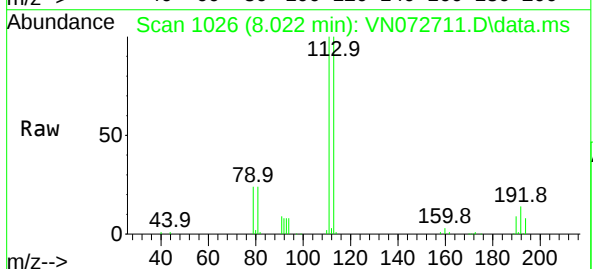
RT: 8.022 min Scan# 1026

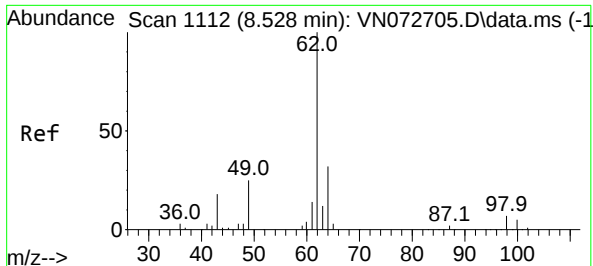
Delta R.T. 0.006 min

Lab File: VN072711.D

Acq: 08 Jun 2022 21:31

Tgt Ion:	113	Resp:	147374
Ion Ratio	Lower	Upper	
113	100		
111	102.5	81.4	122.0
192	14.7	17.0	25.6





#42

1,2-Dichloroethane

Concen: 0.236 ug/l

RT: 8.522 min Scan# 1111

Delta R.T. -0.006 min

Lab File: VN072711.D

Acq: 08 Jun 2022 21:31

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

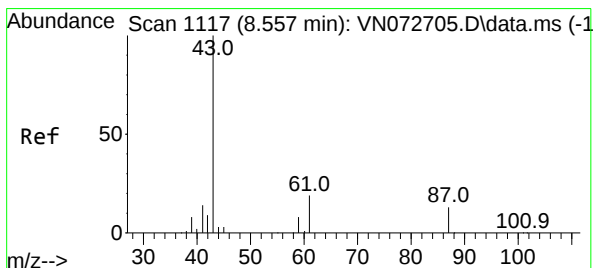
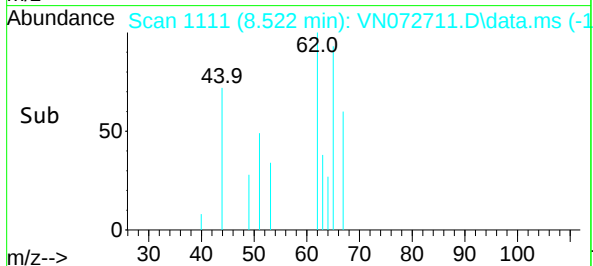
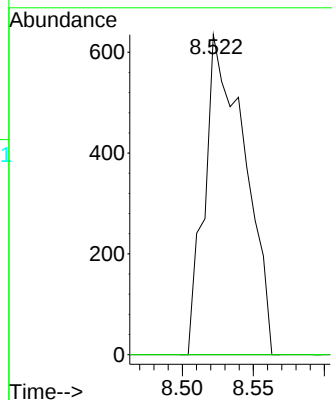
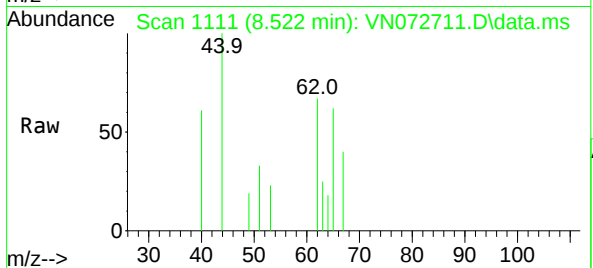
Tgt Ion: 62 Resp: 1244
 Ion Ratio Lower Upper
 62 100
 98 0.0 0.0 19.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#43

Isopropyl Acetate

Concen: 0.204 ug/l

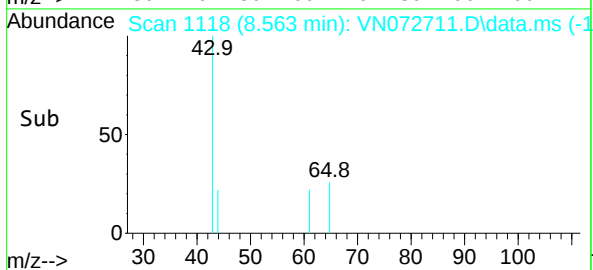
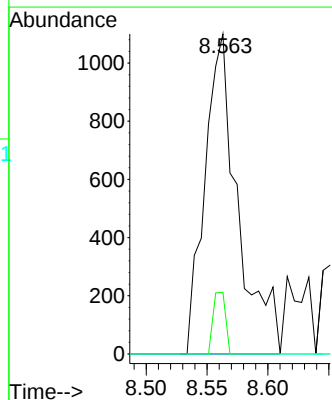
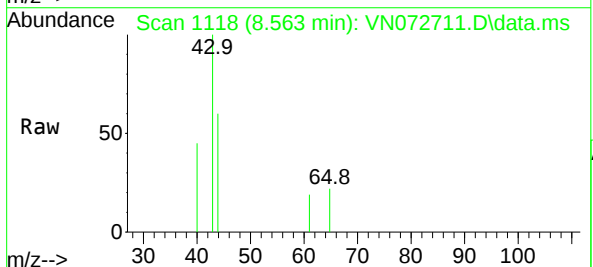
RT: 8.563 min Scan# 1118

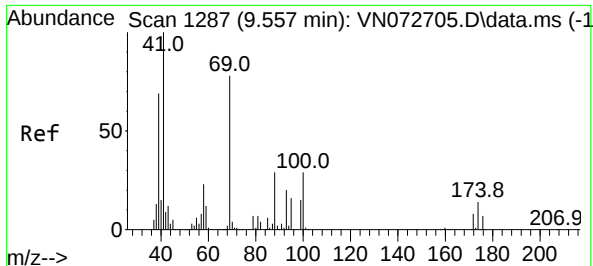
Delta R.T. 0.006 min

Lab File: VN072711.D

Acq: 08 Jun 2022 21:31

Tgt Ion: 43 Resp: 2069
 Ion Ratio Lower Upper
 43 100
 61 0.0 21.9 32.9#
 87 0.0 12.0 18.0#





#48

Methyl methacrylate

Concen: 0.217 ug/l

RT: 9.551 min Scan# 1286

Delta R.T. -0.006 min

Lab File: VN072711.D

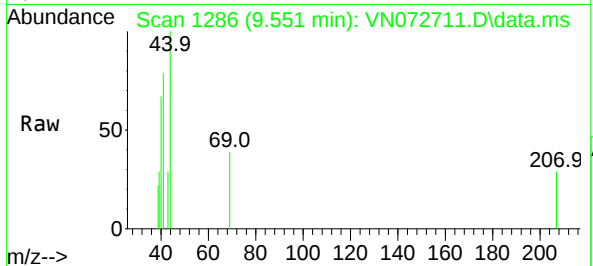
Acq: 08 Jun 2022 21:31

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022



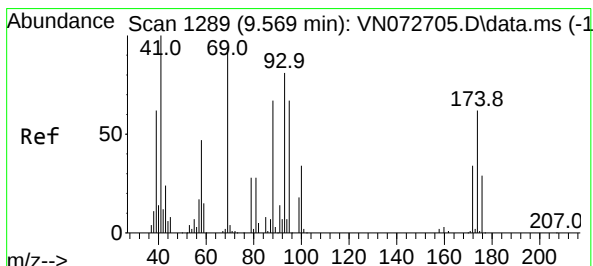
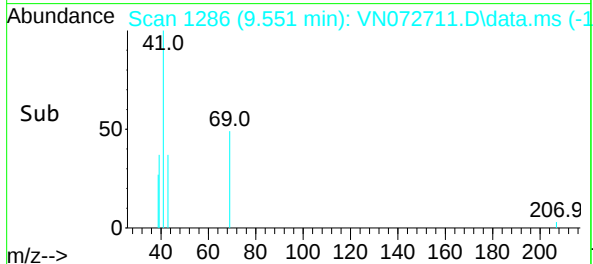
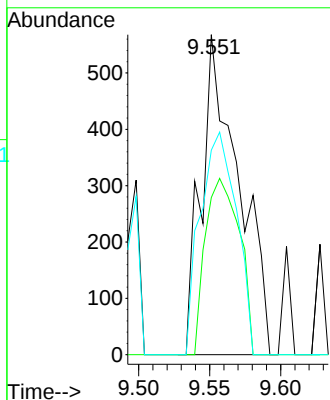
Tgt Ion:	41	Resp:	104
Ion Ratio	100	Lower	Upper
41	100		
69	50.3	74.7	112.1
39	67.4	45.6	68.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#49

1,4-Dioxane

Concen: 0.718 ug/l

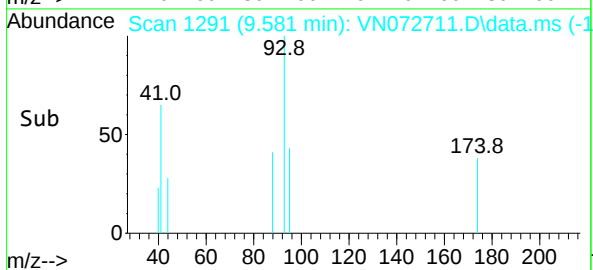
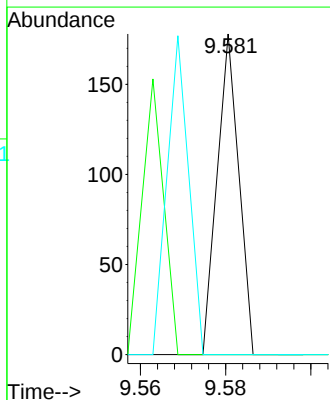
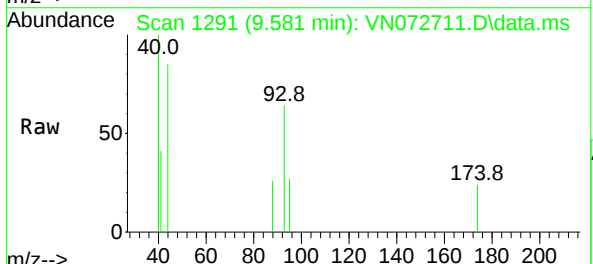
RT: 9.581 min Scan# 1291

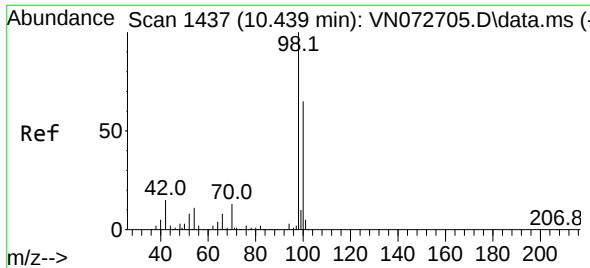
Delta R.T. 0.012 min

Lab File: VN072711.D

Acq: 08 Jun 2022 21:31

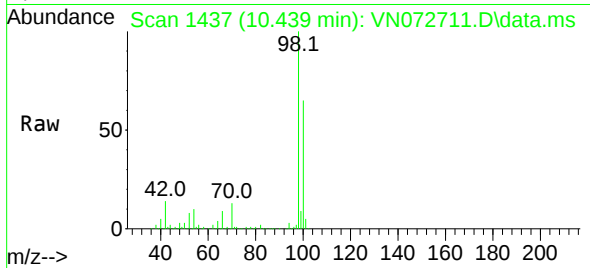
Tgt Ion:	88	Resp:	63
Ion Ratio	100	Lower	Upper
88	100		
43	0.0	20.2	30.4
58	98.4	54.2	81.4





#50
Toluene-d8
Concen: 46.428 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072711.D
Acq: 08 Jun 2022 21:31

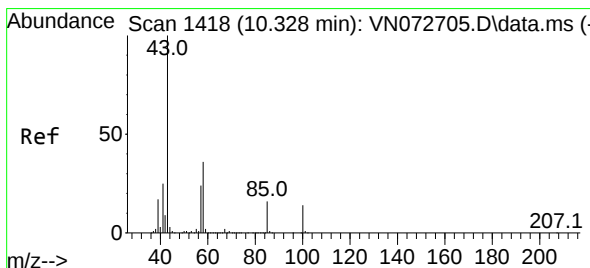
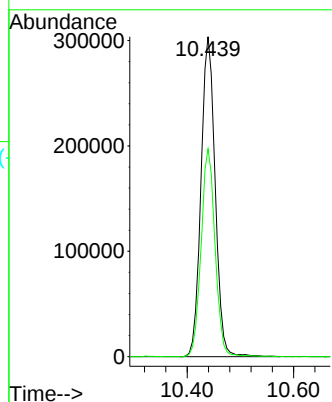
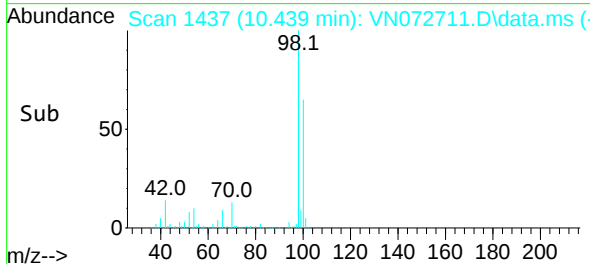
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



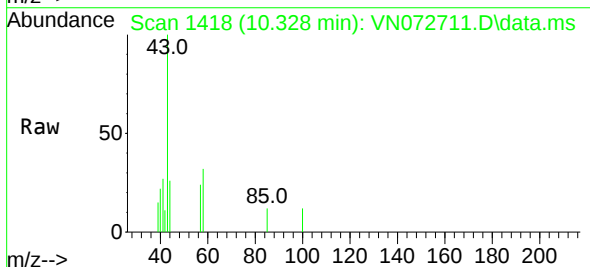
Tgt Ion: 98 Resp: 559738
Ion Ratio Lower Upper
98 100
100 64.2 52.6 78.8

Manual Integrations
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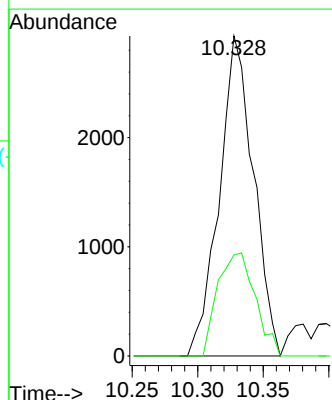
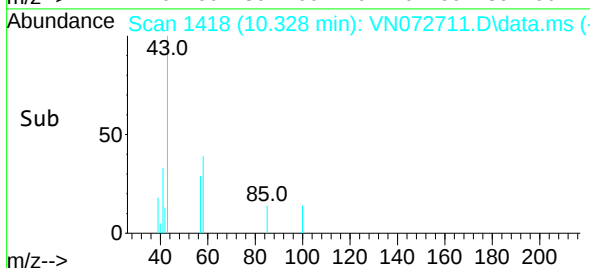
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

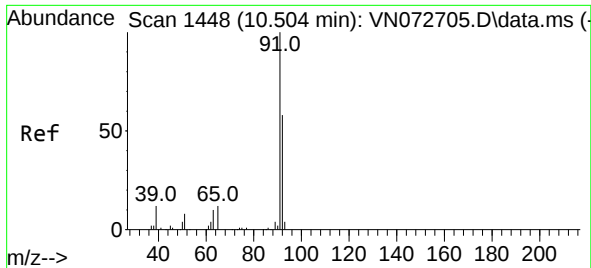


#51
4-Methyl-2-Pentanone
Concen: 0.804 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN072711.D
Acq: 08 Jun 2022 21:31



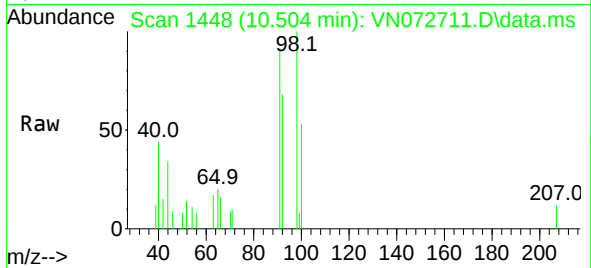
Tgt Ion: 43 Resp: 5312
Ion Ratio Lower Upper
43 100
58 35.4 34.1 51.1





#52
Toluene
Concen: 0.216 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN072711.D
Acq: 08 Jun 2022 21:31

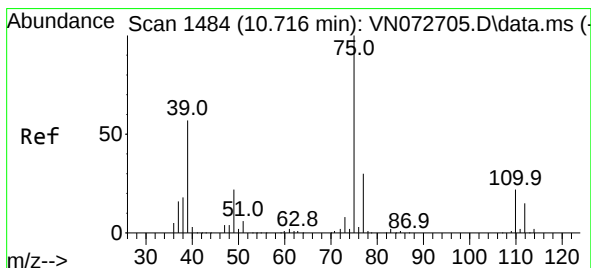
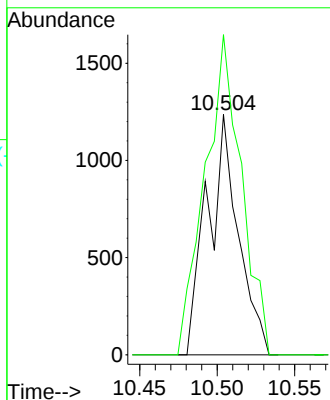
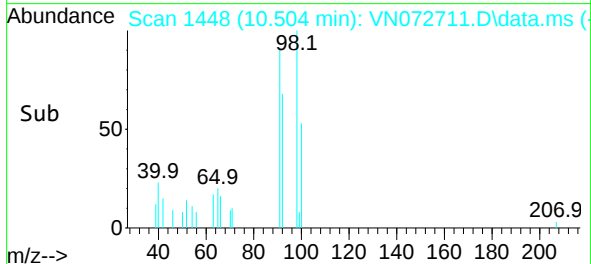
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



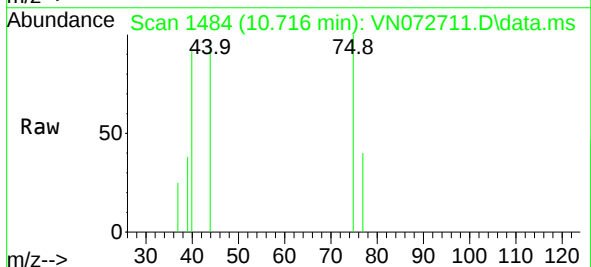
Tgt Ion: 92 Resp: 1718
Ion Ratio Lower Upper
92 100
91 156.4 138.6 207.8

Manual Integrations
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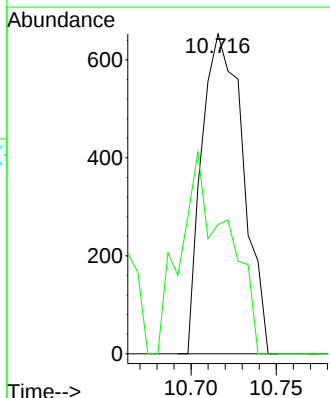
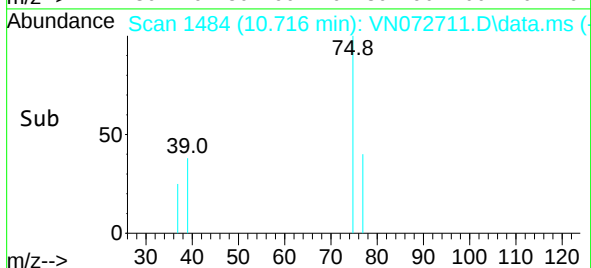
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

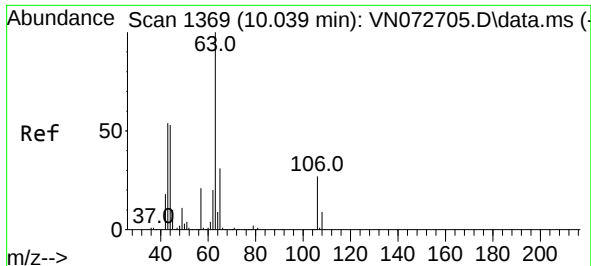


#53
t-1,3-Dichloropropene
Concen: 0.200 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN072711.D
Acq: 08 Jun 2022 21:31



Tgt Ion: 75 Resp: 1100
Ion Ratio Lower Upper
75 100
77 40.4 25.6 38.4#





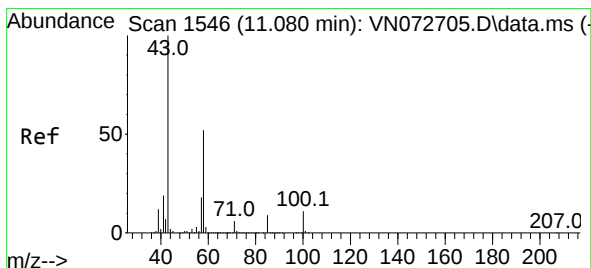
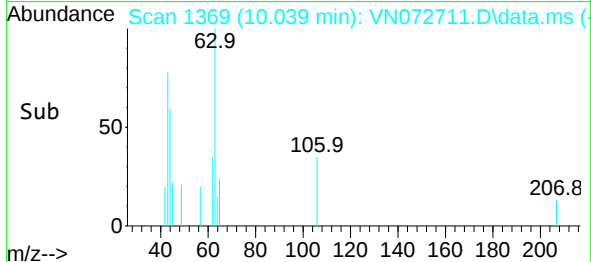
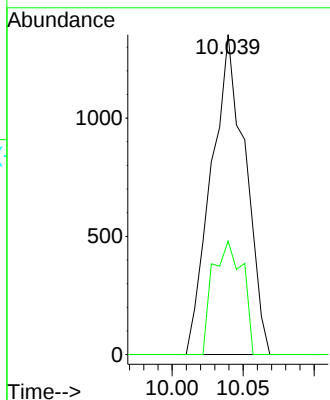
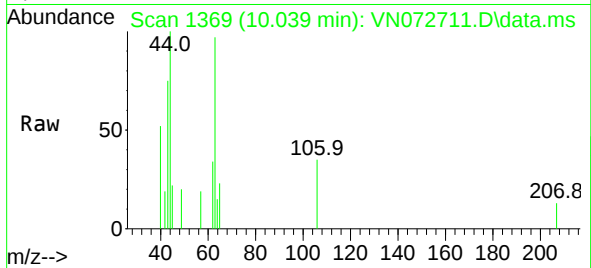
#58
2-Chloroethyl Vinyl ether
Concen: 0.930 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VN072711.D
Acq: 08 Jun 2022 21:31

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

Tgt Ion: 63 Resp: 2249
Ion Ratio Lower Upper
63 100
106 31.1 24.6 36.8

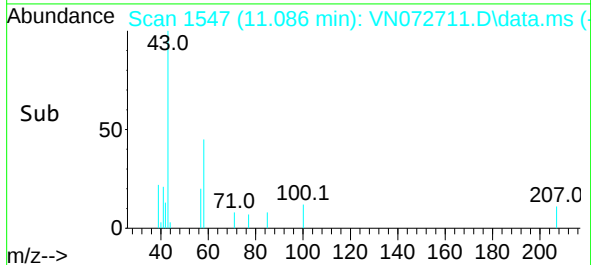
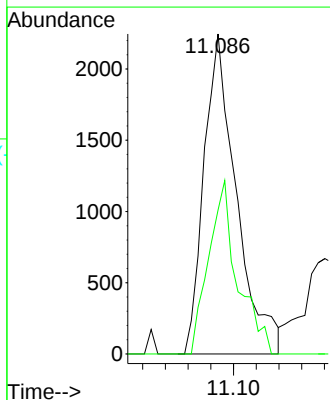
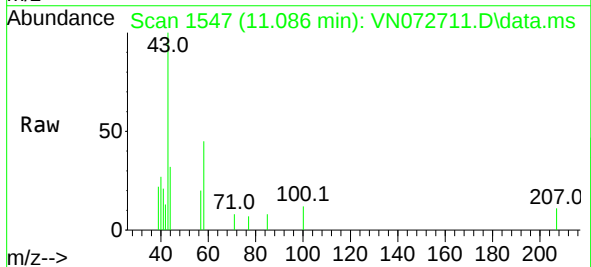
Manual Integrations
APPROVED

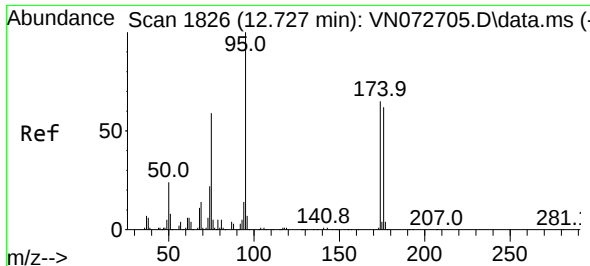
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#59
2-Hexanone
Concen: 0.917 ug/l
RT: 11.086 min Scan# 1547
Delta R.T. 0.006 min
Lab File: VN072711.D
Acq: 08 Jun 2022 21:31

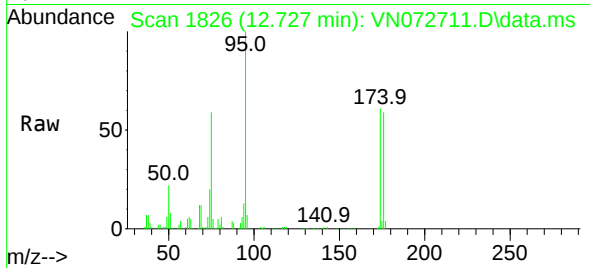
Tgt Ion: 43 Resp: 4458
Ion Ratio Lower Upper
43 100
58 48.2 29.7 89.1





#62
4-Bromofluorobenzene
Concen: 38.136 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072711.D
Acq: 08 Jun 2022 21:31

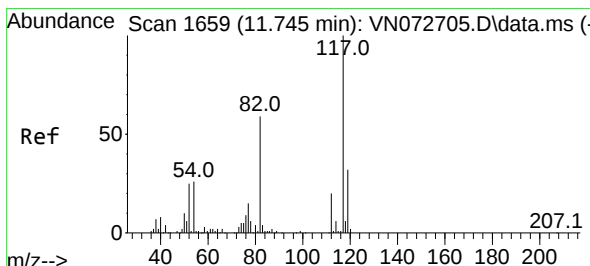
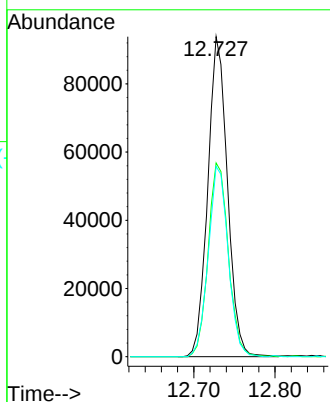
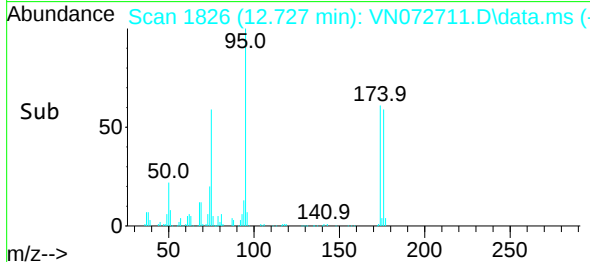
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



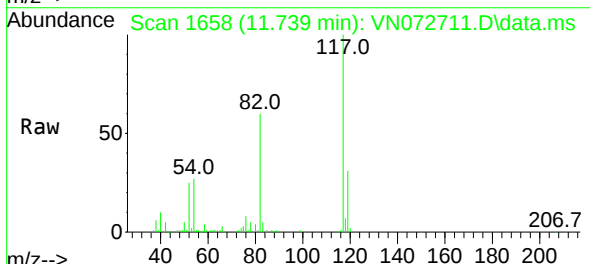
Tgt Ion: 95 Resp: 157772
Ion Ratio Lower Upper
95 100
174 62.1 0.0 167.6
176 60.1 0.0 163.4

Manual Integrations
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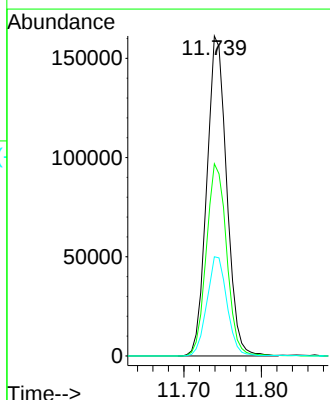
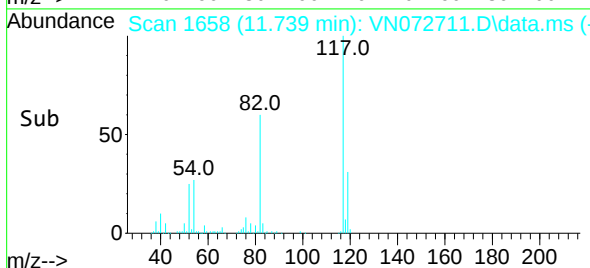
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

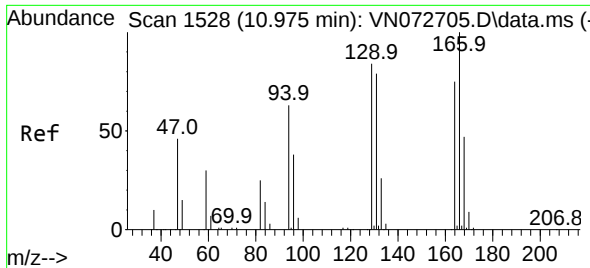


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VN072711.D
Acq: 08 Jun 2022 21:31



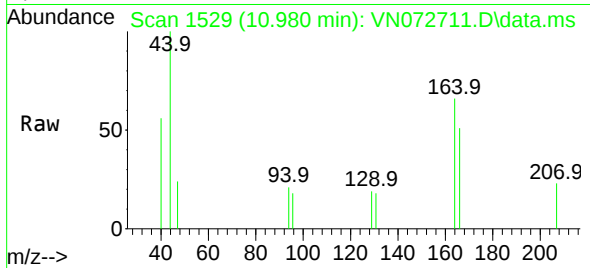
Tgt Ion:117 Resp: 287886
Ion Ratio Lower Upper
117 100
82 60.0 44.2 66.2
119 31.0 25.4 38.0





#64
Tetrachloroethene
Concen: 0.219 ug/l
RT: 10.980 min Scan# 1529
Delta R.T. 0.005 min
Lab File: VN072711.D
Acq: 08 Jun 2022 21:31

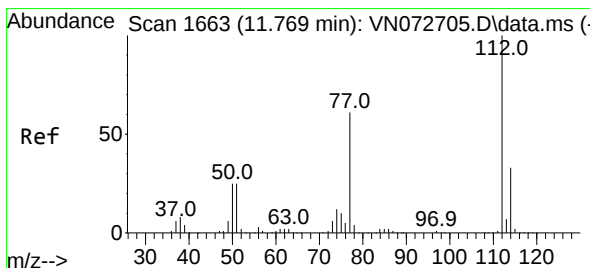
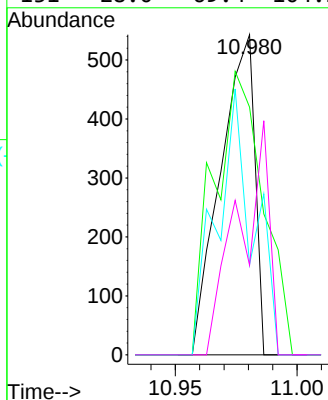
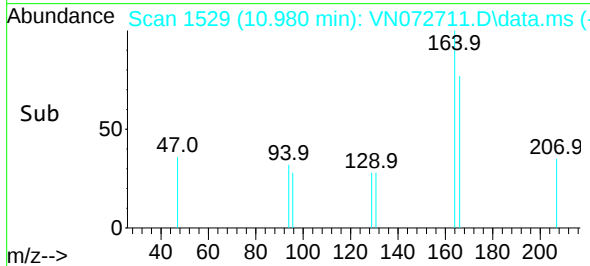
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion:164 Resp: 530
Ion Ratio Lower Upper
164 100
166 77.3 104.2 156.2
129 28.2 73.9 110.9
131 28.0 69.4 104.2#

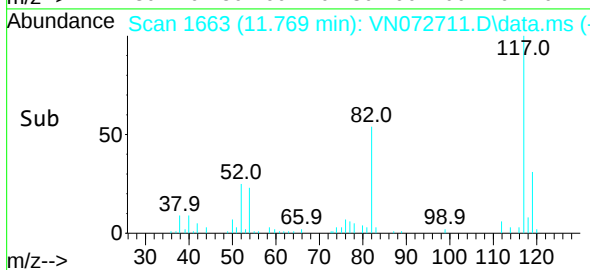
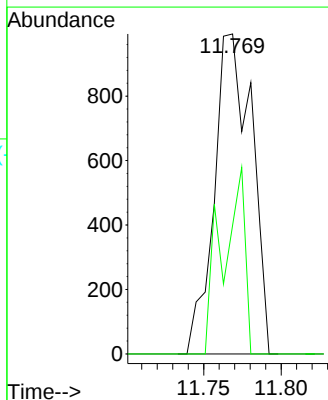
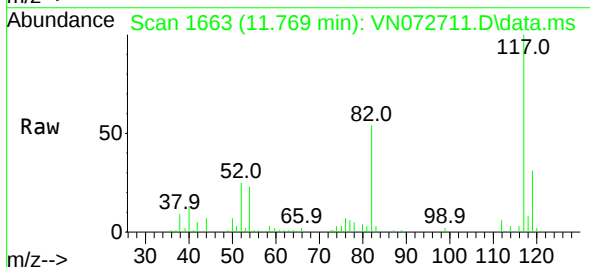
Manual Integrations
APPROVED

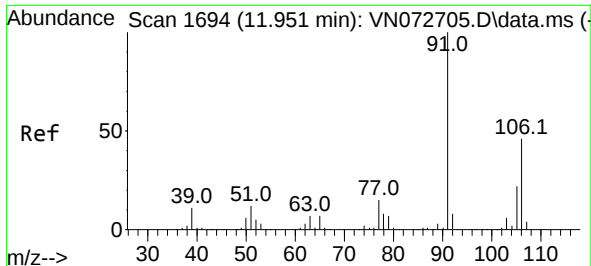
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#65
Chlorobenzene
Concen: 0.218 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. -0.000 min
Lab File: VN072711.D
Acq: 08 Jun 2022 21:31

Tgt Ion:112 Resp: 1669
Ion Ratio Lower Upper
112 100
114 40.2 25.4 38.2#





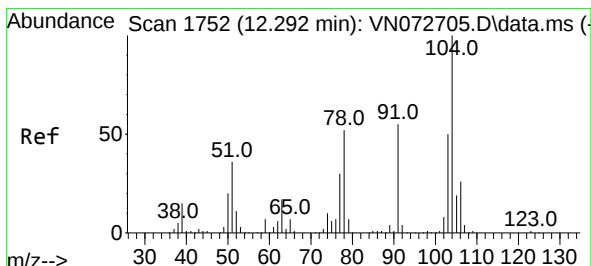
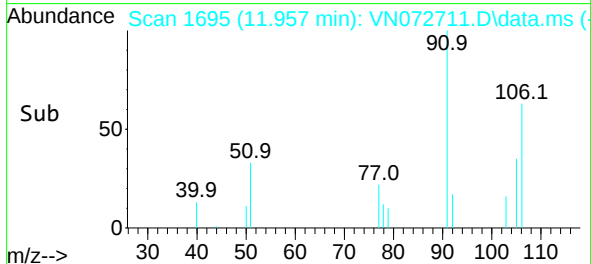
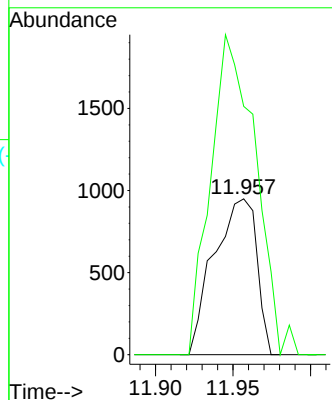
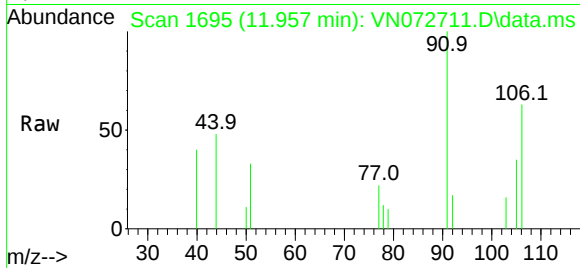
#68
m/p-Xylenes
Concen: 0.355 ug/l
RT: 11.957 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VN072711.D
Acq: 08 Jun 2022 21:31

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

Tgt Ion:106 Resp: 182
Ion Ratio Lower Upper
106 100
91 215.8 158.9 238.3

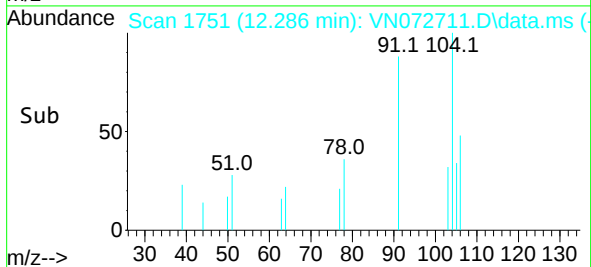
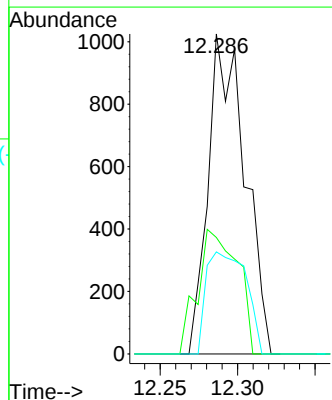
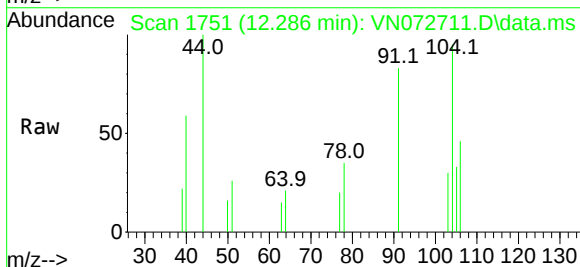
Manual Integrations
APPROVED

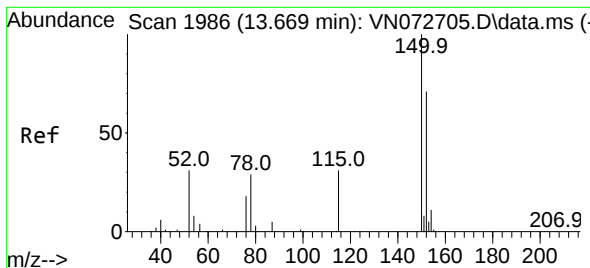
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#70
Styrene
Concen: 0.208 ug/l
RT: 12.286 min Scan# 1751
Delta R.T. -0.006 min
Lab File: VN072711.D
Acq: 08 Jun 2022 21:31

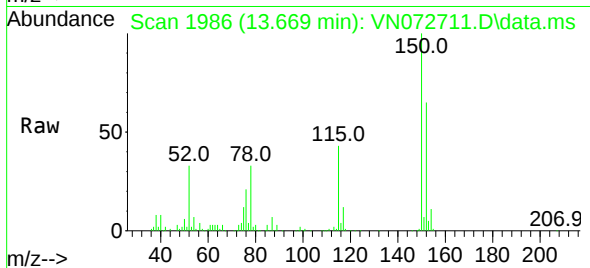
Tgt Ion:104 Resp: 1681
Ion Ratio Lower Upper
104 100
78 42.6 39.5 59.3
103 34.8 44.0 66.0#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN072711.D
Acq: 08 Jun 2022 21:31

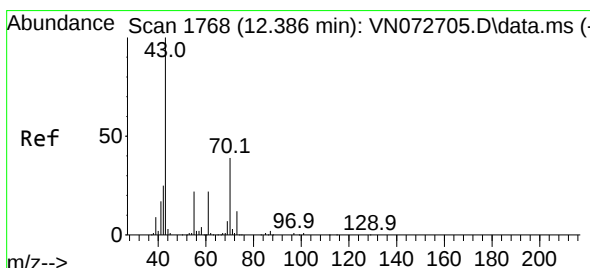
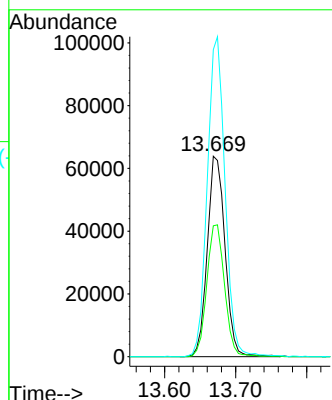
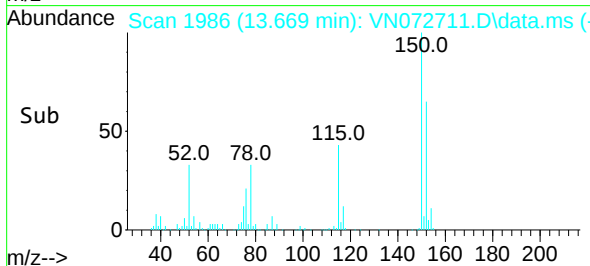
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



Tgt Ion:152 Resp: 11110
Ion Ratio Lower Upper
152 100
115 65.7 28.9 86.7
150 159.5 0.0 356.2

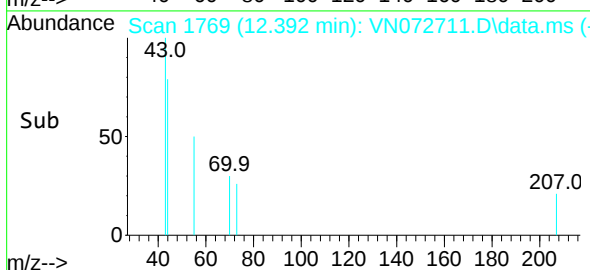
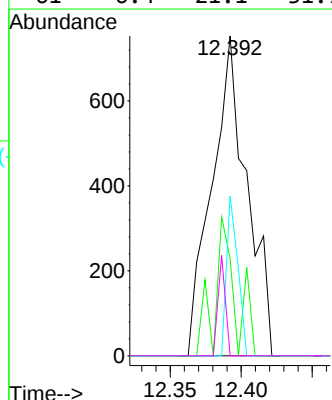
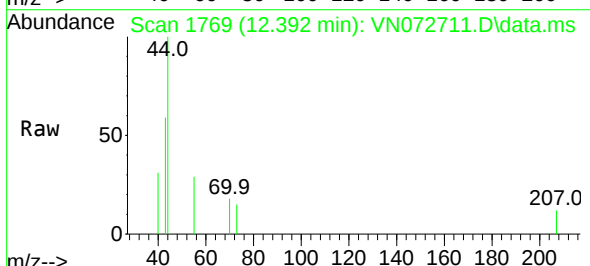
Manual Integrations
APPROVED

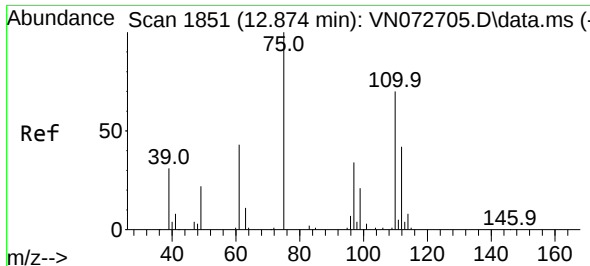
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#74
N-ethyl acetate
Concen: 0.233 ug/l
RT: 12.392 min Scan# 1769
Delta R.T. 0.006 min
Lab File: VN072711.D
Acq: 08 Jun 2022 21:31

Tgt Ion: 43 Resp: 1293
Ion Ratio Lower Upper
43 100
70 25.8 39.0 58.4#
55 15.9 21.1 31.7#
61 6.4 21.1 31.7#





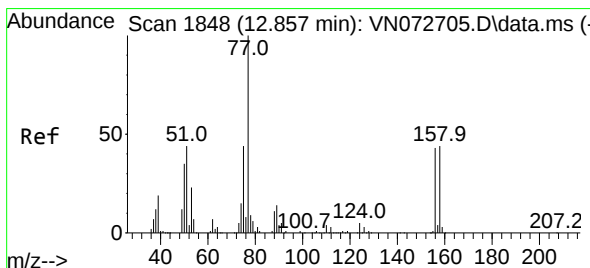
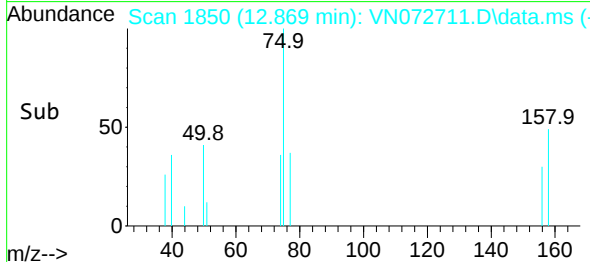
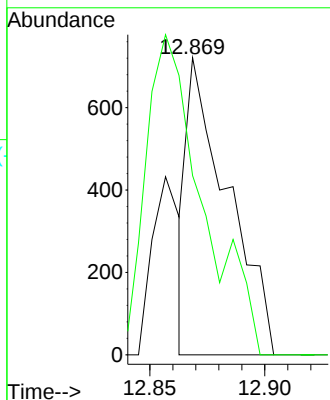
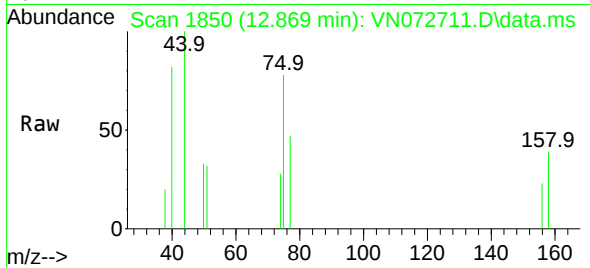
#76
1,2,3-Trichloropropane
Concen: 0.247 ug/l m
RT: 12.869 min Scan# 1850
Delta R.T. -0.005 min
Lab File: VN072711.D
Acq: 08 Jun 2022 21:31

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

Tgt Ion: 75 Resp: 880
Ion Ratio Lower Upper
75 100
77 115.0 98.5 295.5

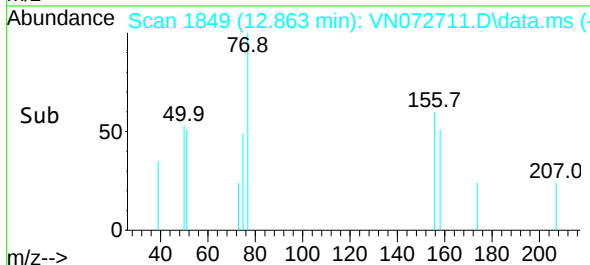
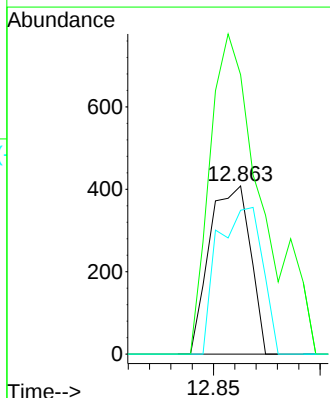
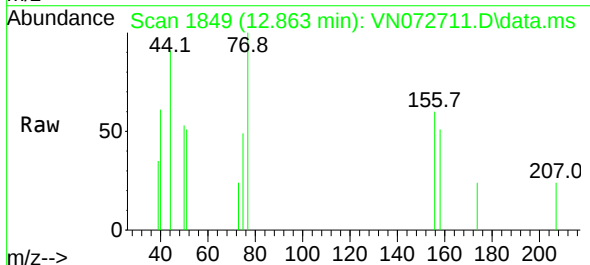
Manual Integrations
APPROVED

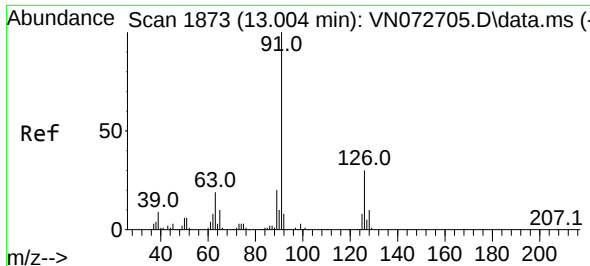
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#77
Bromobenzene
Concen: 0.231 ug/l
RT: 12.863 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN072711.D
Acq: 08 Jun 2022 21:31

Tgt Ion:156 Resp: 543
Ion Ratio Lower Upper
156 100
77 244.8 100.5 301.5
158 95.8 48.9 146.6





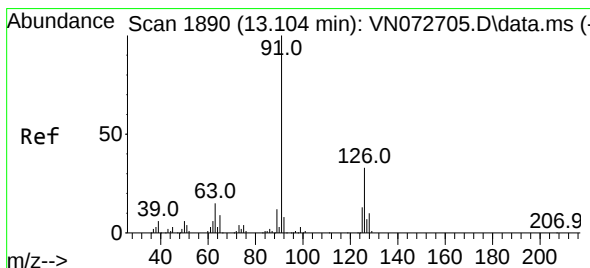
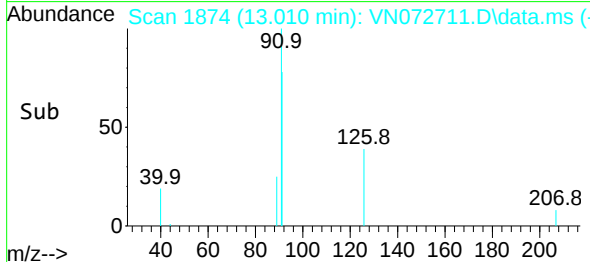
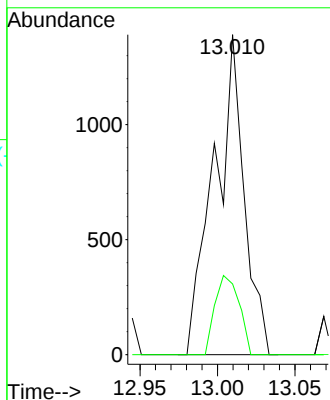
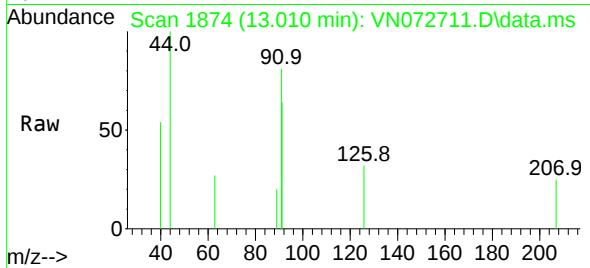
#79
2-Chlorotoluene
Concen: 0.229 ug/l
RT: 13.010 min Scan# 1873
Delta R.T. 0.006 min
Lab File: VN072711.D
Acq: 08 Jun 2022 21:31

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

Tgt Ion: 91 Resp: 1873
Ion Ratio Lower Upper
91 100
126 19.9 17.3 51.9

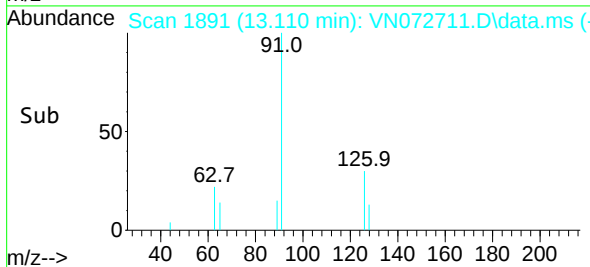
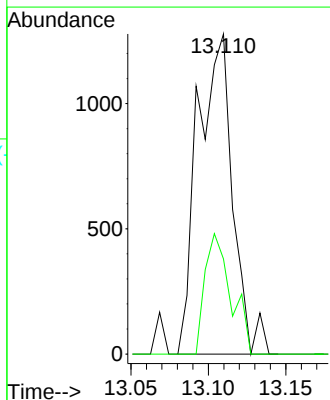
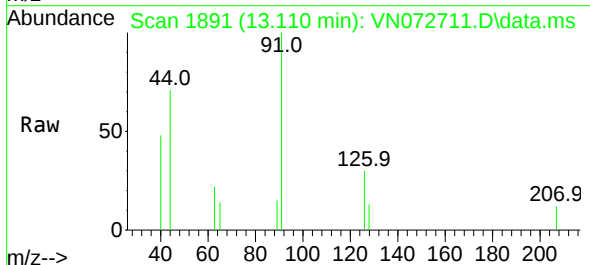
Manual Integrations
APPROVED

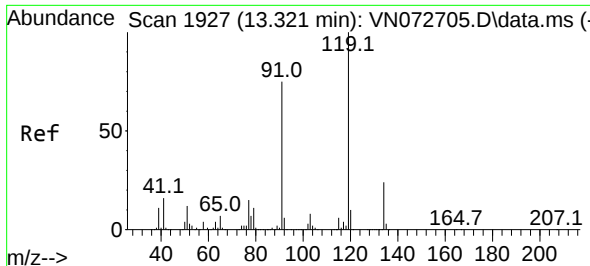
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#82
4-Chlorotoluene
Concen: 0.264 ug/l
RT: 13.110 min Scan# 1891
Delta R.T. 0.006 min
Lab File: VN072711.D
Acq: 08 Jun 2022 21:31

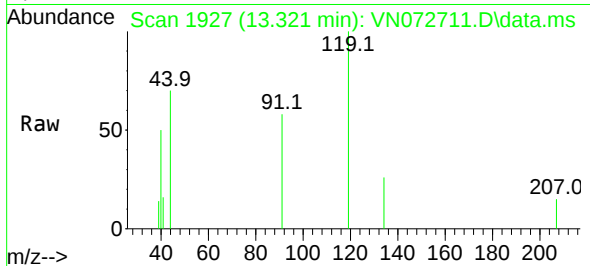
Tgt Ion: 91 Resp: 1994
Ion Ratio Lower Upper
91 100
126 28.1 17.2 51.6





#83
tert-Butylbenzene
Concen: 0.230 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VN072711.D
Acq: 08 Jun 2022 21:31

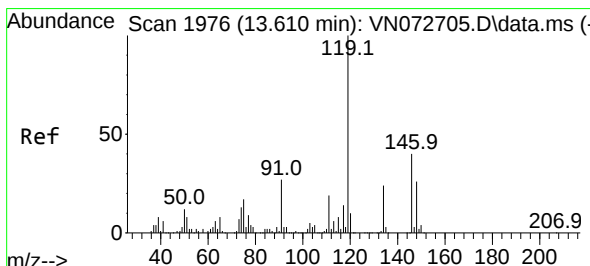
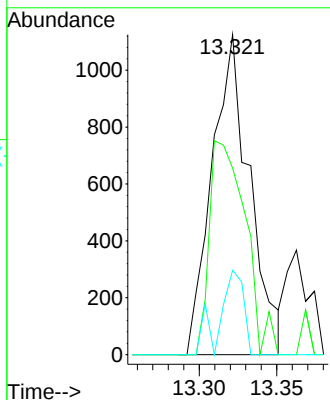
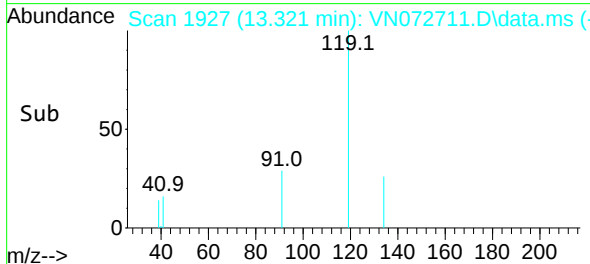
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



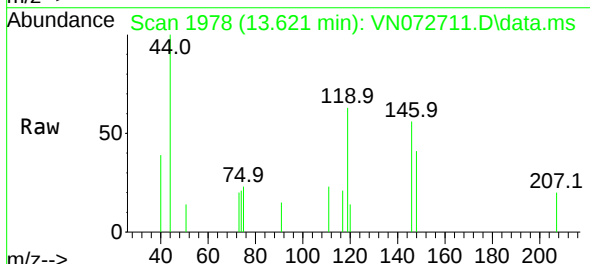
Tgt Ion:119 Resp: 1904
Ion Ratio Lower Upper
119 100
91 63.9 31.6 94.8
134 16.8 13.7 41.1

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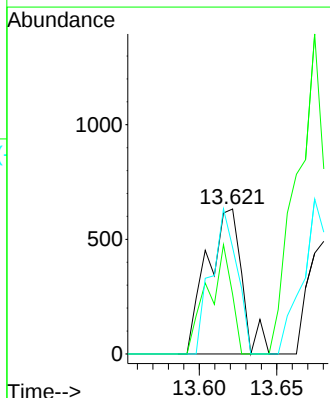
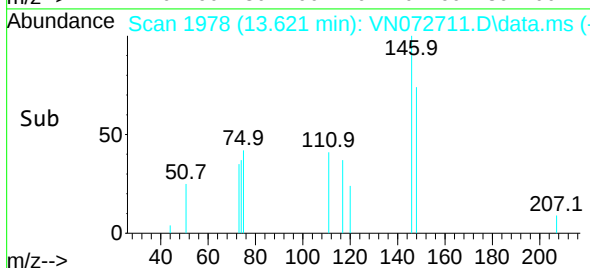
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

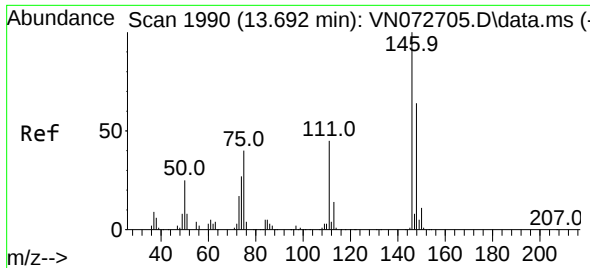


#87
1,3-Dichlorobenzene
Concen: 0.246 ug/l
RT: 13.621 min Scan# 1978
Delta R.T. 0.011 min
Lab File: VN072711.D
Acq: 08 Jun 2022 21:31



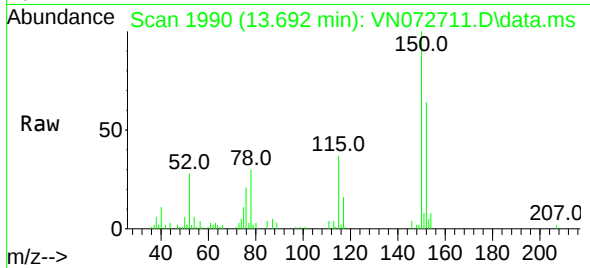
Tgt Ion:146 Resp: 983
Ion Ratio Lower Upper
146 100
111 51.3 20.0 60.0
148 73.8 32.0 96.0





#88
1,4-Dichlorobenzene
Concen: 0.428 ug/l m
RT: 13.692 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN072711.D
Acq: 08 Jun 2022 21:31

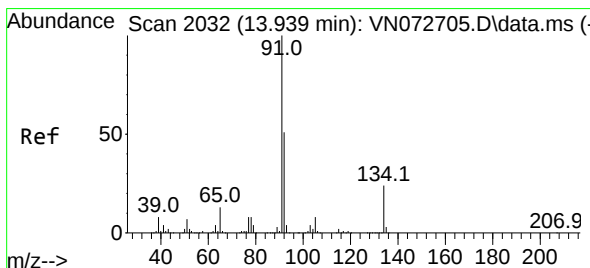
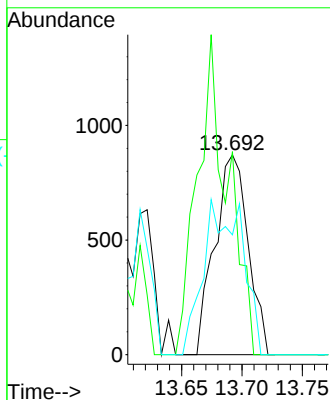
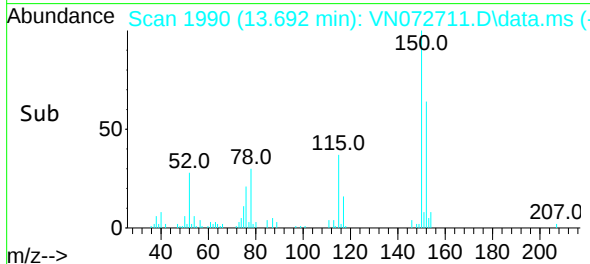
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



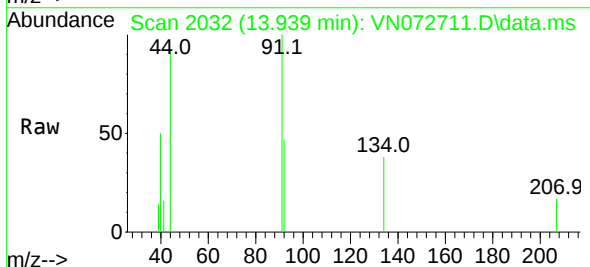
Tgt Ion:146 Resp: 1672
Ion Ratio Lower Upper
146 100
111 30.1 19.1 57.1
148 43.4 31.4 94.3

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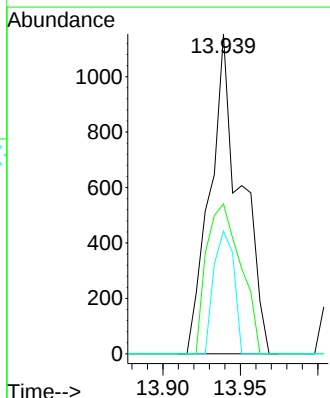
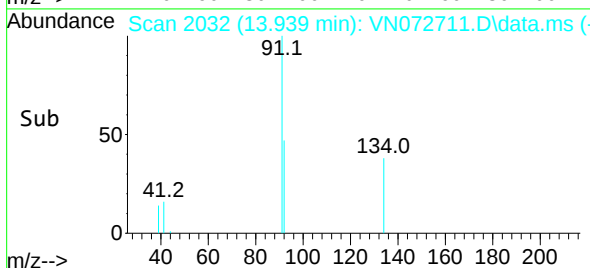
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

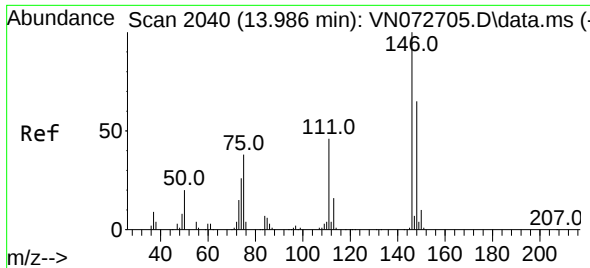


#89
n-Butylbenzene
Concen: 0.214 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072711.D
Acq: 08 Jun 2022 21:31



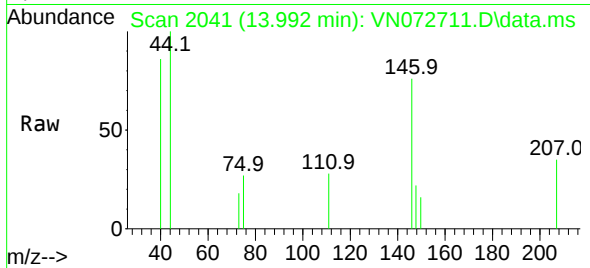
Tgt Ion: 91 Resp: 1585
Ion Ratio Lower Upper
91 100
92 52.4 26.9 80.7
134 25.2 13.6 40.8





#91
1,2-Dichlorobenzene
Concen: 0.262 ug/l
RT: 13.992 min Scan# 2041
Delta R.T. 0.006 min
Lab File: VN072711.D
Acq: 08 Jun 2022 21:31

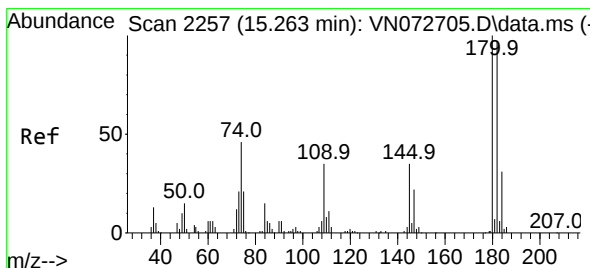
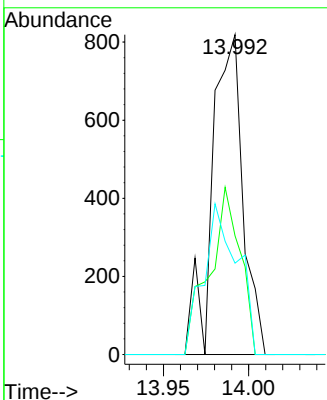
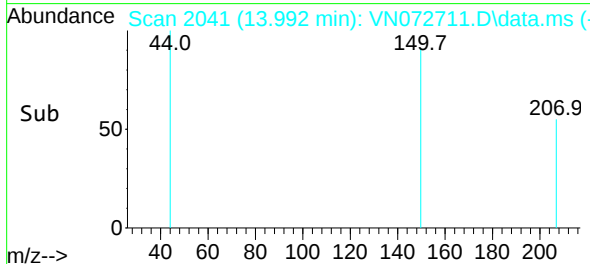
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion:146 Resp: 102.0
Ion Ratio Lower Upper
146 100
111 53.0 20.9 62.8
148 52.3 32.1 96.3

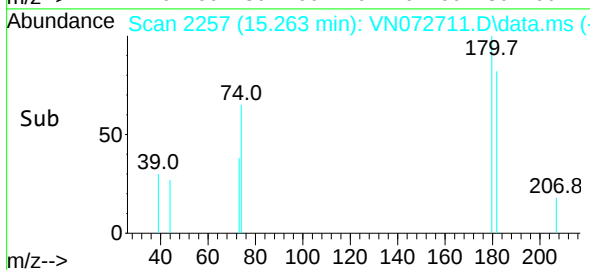
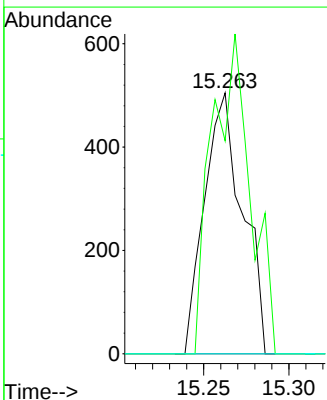
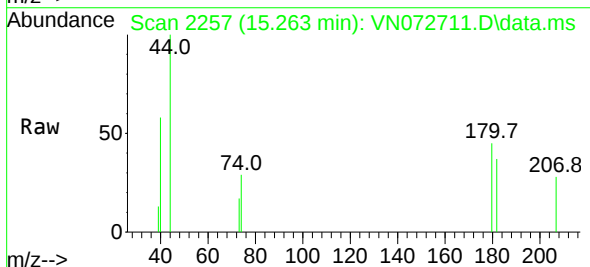
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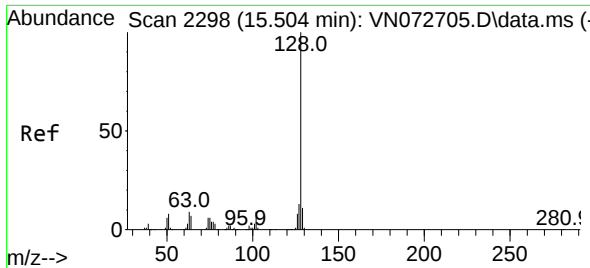
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#93
1,2,4-Trichlorobenzene
Concen: 0.417 ug/l
RT: 15.263 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VN072711.D
Acq: 08 Jun 2022 21:31

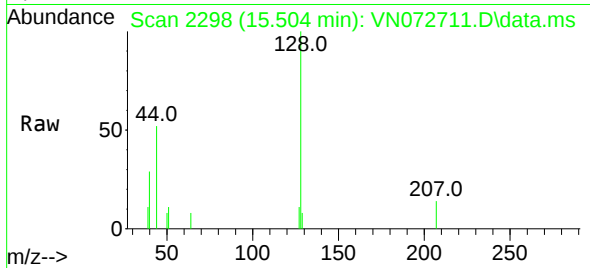
Tgt Ion:180 Resp: 785
Ion Ratio Lower Upper
180 100
182 123.4 47.5 142.5
145 0.0 14.5 43.5#





#95
Naphthalene
Concen: 0.574 ug/l
RT: 15.504 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN072711.D
Acq: 08 Jun 2022 21:31

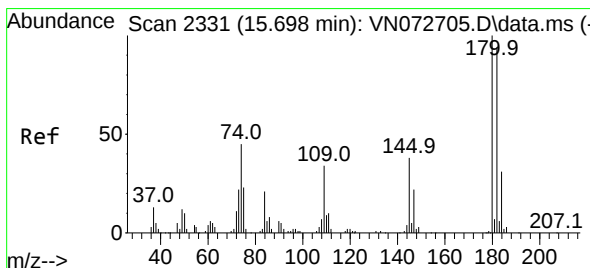
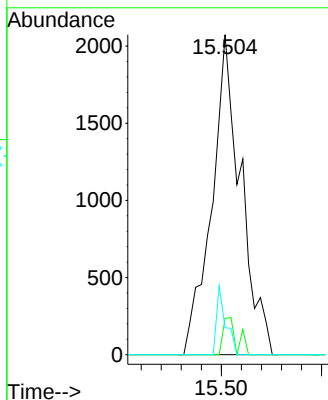
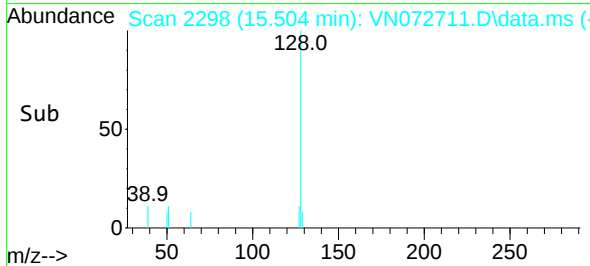
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



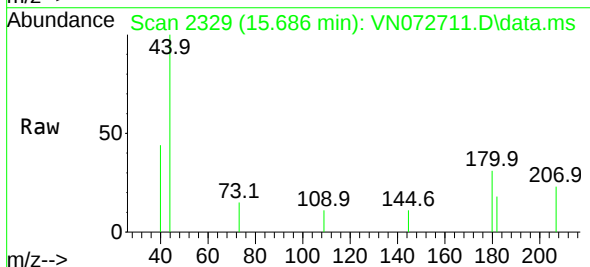
Tgt Ion:128 Resp: 418
Ion Ratio Lower Upper
128 100
127 5.4 10.3 15.5
129 6.7 8.6 13.0

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Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#96
1,2,3-Trichlorobenzene
Concen: 0.429 ug/l
RT: 15.686 min Scan# 2329
Delta R.T. -0.012 min
Lab File: VN072711.D
Acq: 08 Jun 2022 21:31



Tgt Ion:180 Resp: 804
Ion Ratio Lower Upper
180 100
182 106.2 47.8 143.3
145 7.0 15.5 46.5

