

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060922\
 Data File : VN072736.D
 Acq On : 09 Jun 2022 17:29
 Operator : JC\MD
 Sample : N3214-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2022

Quant Time: Jun 10 04:28:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 10 04:02:08 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/10/2022
 Supervised By : Mahesh Dadoda 06/10/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	142221	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	271344	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	283826	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	110766	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	208679	54.669	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 109.340%			
35) Dibromofluoromethane	8.022	113	140012	52.148	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.300%			
50) Toluene-d8	10.439	98	549935	51.337	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.680%			
62) 4-Bromofluorobenzene	12.727	95	169713	46.169	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 92.340%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	6503	2.819	ug/l	86
3) Chloromethane	2.299	50	8523	3.101	ug/l	96
4) Vinyl Chloride	2.428	62	7969	3.154	ug/l	94
5) Bromomethane	2.834	94	4763	3.842	ug/l	# 78
6) Chloroethane	2.999	64	6907	3.882	ug/l	# 78
7) Trichlorofluoromethane	3.363	101	11173	2.779	ug/l	93
8) Diethyl Ether	3.822	74	5208	3.186	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.193	101	6389m	2.902	ug/l	
10) Methyl Iodide	4.410	142	5162	2.514	ug/l	# 85
11) Tert butyl alcohol	5.369	59	16418	18.031	ug/l	# 91
12) 1,1-Dichloroethene	4.169	96	6087	2.966	ug/l	88
13) Acrolein	4.040	56	5581	14.840	ug/l	98
14) Allyl chloride	4.840	41	14012	2.957	ug/l	# 88
15) Acrylonitrile	5.551	53	27703	14.359	ug/l	96
16) Acetone	4.293	43	27618	15.100	ug/l	91
17) Carbon Disulfide	4.522	76	16095	3.106	ug/l	96
18) Methyl Acetate	4.851	43	15081	3.169	ug/l	# 69
19) Methyl tert-butyl Ether	5.610	73	25623	2.760	ug/l	94
20) Methylene Chloride	5.098	84	8870	3.072	ug/l	95
21) trans-1,2-Dichloroethene	5.598	96	6752	2.988	ug/l	94
22) Diisopropyl ether	6.492	45	26684	2.779	ug/l	# 86
23) Vinyl Acetate	6.428	43	120457m	13.701	ug/l	
24) 1,1-Dichloroethane	6.381	63	14032	2.814	ug/l	98
25) 2-Butanone	7.339	43	43672	14.843	ug/l	# 86
26) 2,2-Dichloropropane	7.322	77	11775	2.612	ug/l	# 76
27) cis-1,2-Dichloroethene	7.316	96	7741	2.693	ug/l	74
28) Bromochloromethane	7.651	49	6713	2.850	ug/l	# 75
29) Tetrahydrofuran	7.686	42	25976	14.287	ug/l	89
30) Chloroform	7.816	83	14741	2.836	ug/l	96
31) Cyclohexane	8.081	56	17700	4.102	ug/l	# 87
32) 1,1,1-Trichloroethane	8.016	97	12871	2.802	ug/l	96
36) 1,1-Dichloropropene	8.216	75	10360	2.780	ug/l	92
37) Ethyl Acetate	7.410	43	17318	2.991	ug/l	# 91
38) Carbon Tetrachloride	8.204	117	10988	2.759	ug/l	98
39) Methylcyclohexane	9.457	83	11590	2.680	ug/l	92
40) Benzene	8.463	78	31199	2.759	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	5951m	3.049	ug/l	
42) 1,2-Dichloroethane	8.528	62	13797	2.942	ug/l	94
43) Isopropyl Acetate	8.557	43	24502	2.717	ug/l #	93
44) Trichloroethene	9.216	130	7465	2.835	ug/l	94
45) 1,2-Dichloropropane	9.486	63	8174	2.675	ug/l	96
46) Dibromomethane	9.575	93	5961	2.790	ug/l #	81
47) Bromodichloromethane	9.757	83	11868	2.702	ug/l	87
48) Methyl methacrylate	9.557	41	10535	2.469	ug/l #	80
49) 1,4-Dioxane	9.569	88	4646	59.575	ug/l #	85
51) 4-Methyl-2-Pentanone	10.327	43	80267	13.668	ug/l	89
52) Toluene	10.498	92	19583	2.773	ug/l	97
53) t-1,3-Dichloropropene	10.716	75	12316	2.525	ug/l	96
54) cis-1,3-Dichloropropene	10.186	75	12185	2.417	ug/l #	82
55) 1,1,2-Trichloroethane	10.898	97	8184	2.686	ug/l	93
56) Ethyl methacrylate	10.757	69	14113	2.619	ug/l #	79
57) 1,3-Dichloropropane	11.039	76	14129	2.597	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	26237	12.215	ug/l	90
59) 2-Hexanone	11.080	43	61719	14.293	ug/l	85
60) Dibromochloromethane	11.233	129	8036	2.541	ug/l	95
61) 1,2-Dibromoethane	11.345	107	8932	2.860	ug/l	91
64) Tetrachloroethene	10.975	164	6321	2.645	ug/l	92
65) Chlorobenzene	11.769	112	20233	2.675	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.833	131	7622	2.533	ug/l	98
67) Ethyl Benzene	11.839	91	35946	2.528	ug/l	98
68) m/p-Xylenes	11.951	106	25456	5.037	ug/l	88
69) o-Xylene	12.274	106	14318	2.818	ug/l	98
70) Styrene	12.292	104	19411	2.431	ug/l	92
71) Bromoform	12.463	173	4877	2.305	ug/l #	97
73) Isopropylbenzene	12.574	105	33301	2.803	ug/l	98
74) N-amyl acetate	12.386	43	16793	3.041	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.827	83	12738	3.088	ug/l	97
76) 1,2,3-Trichloropropane	12.880	75	8597m	2.405	ug/l	
77) Bromobenzene	12.857	156	6278	2.680	ug/l	57
78) n-propylbenzene	12.916	91	34645	2.671	ug/l	95
79) 2-Chlorotoluene	13.004	91	24295	2.985	ug/l	87
80) 1,3,5-Trimethylbenzene	13.057	105	26868	2.854	ug/l	90
81) trans-1,4-Dichloro-2-b...	12.621	75	3212	2.350	ug/l #	70
82) 4-Chlorotoluene	13.104	91	20374	2.711	ug/l	94
83) tert-Butylbenzene	13.316	119	22659	2.740	ug/l	84
84) 1,2,4-Trimethylbenzene	13.363	105	25047	2.781	ug/l	92
85) sec-Butylbenzene	13.498	105	29231	2.620	ug/l	99
86) p-Isopropyltoluene	13.610	119	22682	2.584	ug/l	93
87) 1,3-Dichlorobenzene	13.610	146	10409	2.617	ug/l	94
88) 1,4-Dichlorobenzene	13.686	146	10470m	2.686	ug/l	
89) n-Butylbenzene	13.939	91	17210	2.327	ug/l	94
90) Hexachloroethane	14.204	117	4655	2.451	ug/l	81
91) 1,2-Dichlorobenzene	13.986	146	10402	2.668	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.604	75	2458	2.467	ug/l	78
93) 1,2,4-Trichlorobenzene	15.268	180	4113	2.193	ug/l	93
94) Hexachlorobutadiene	15.368	225	2343	2.788	ug/l	98
95) Naphthalene	15.504	128	16583	2.279	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.704	180	4599	2.462	ug/l	91

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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

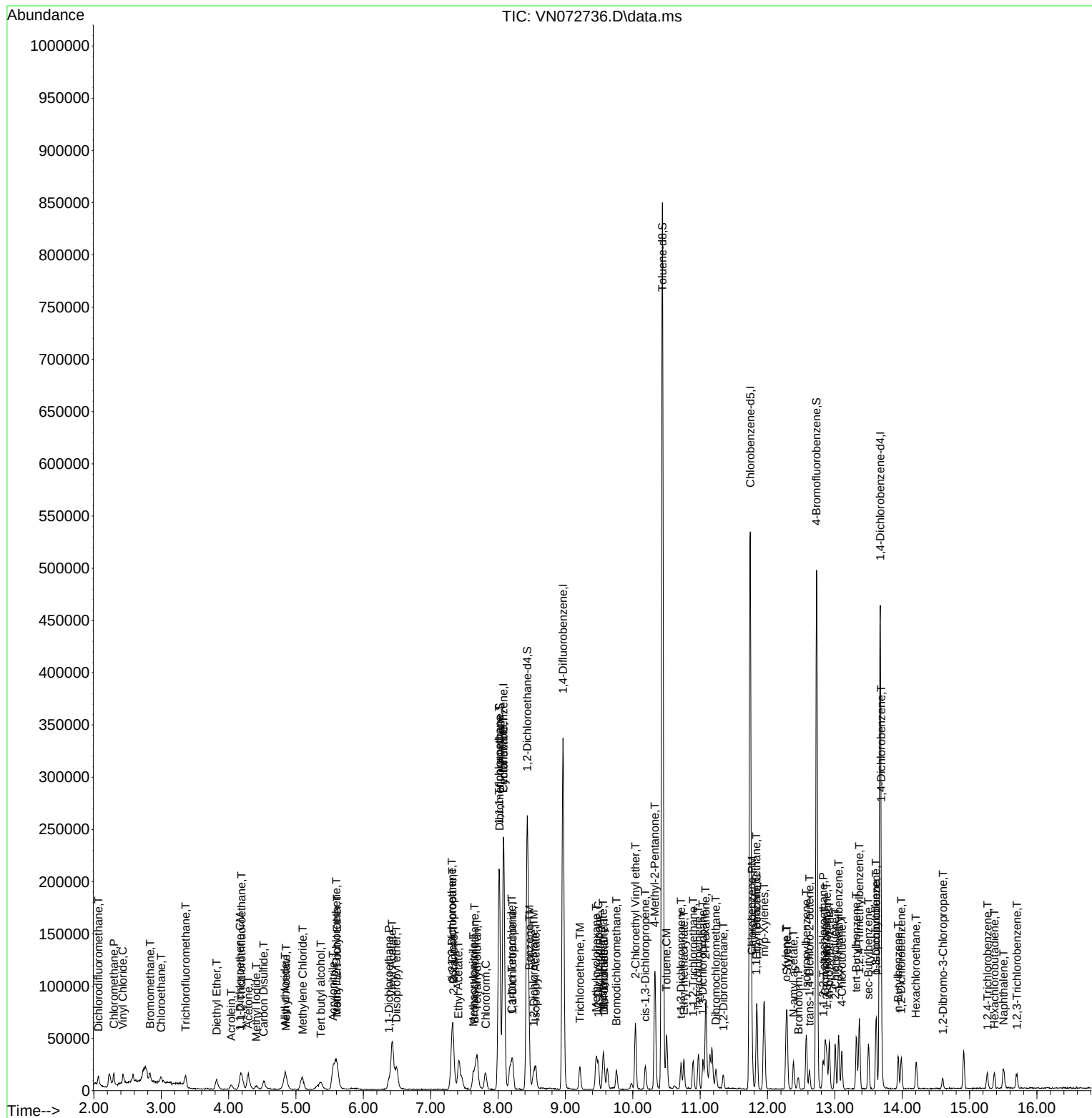
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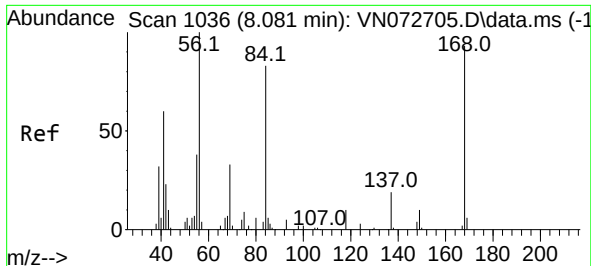
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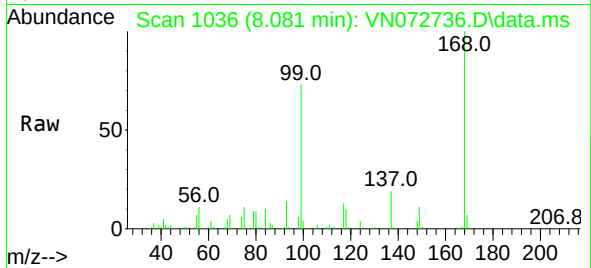
Reviewed By :John Carlone 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072736.D
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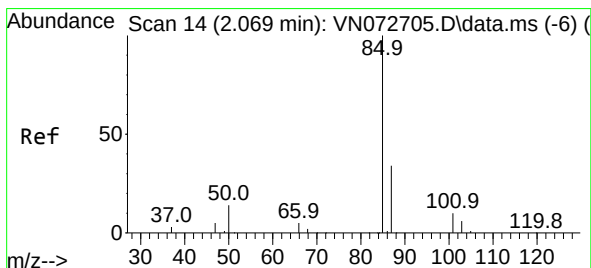
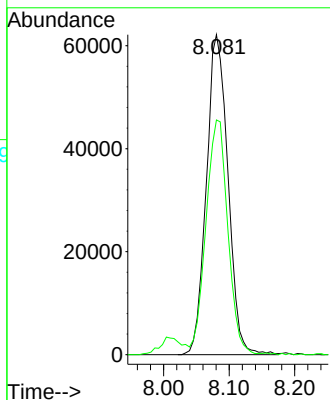
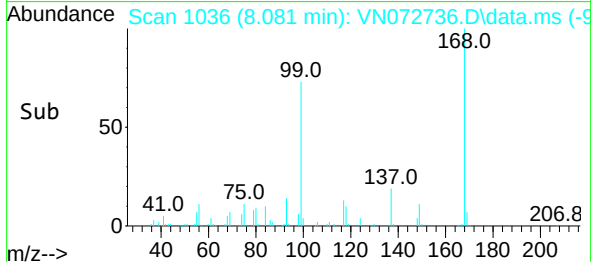
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion:168 Resp: 14222
Ion Ratio Lower Upper
168 100
99 73.3 42.3 63.5

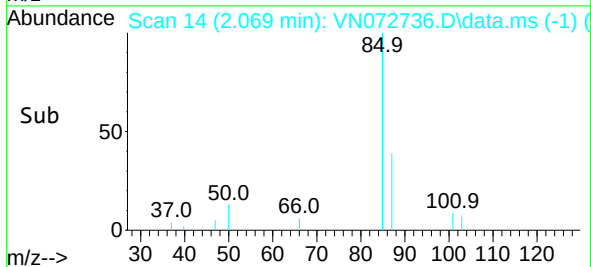
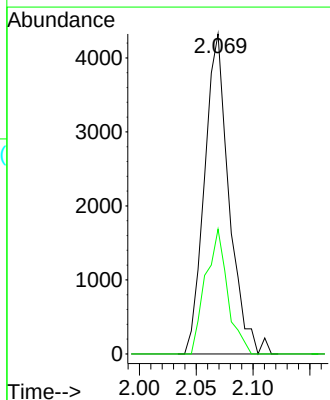
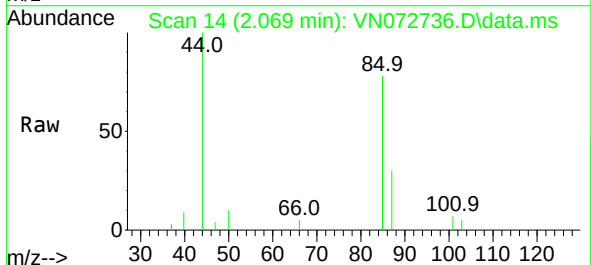
Manual Integrations
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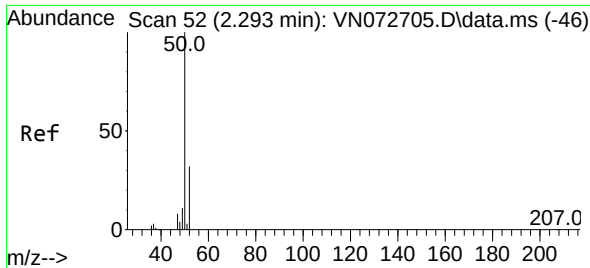
Reviewed By :John Carlone 06/10/2022
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#2
Dichlorodifluoromethane
Concen: 2.819 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29

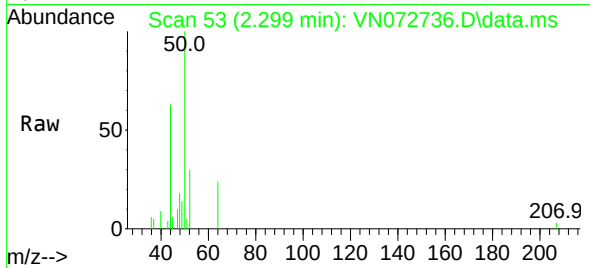
Tgt Ion: 85 Resp: 6503
Ion Ratio Lower Upper
85 100
87 39.0 15.7 47.1





#3
Chloromethane
Concen: 3.101 ug/l
RT: 2.299 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29

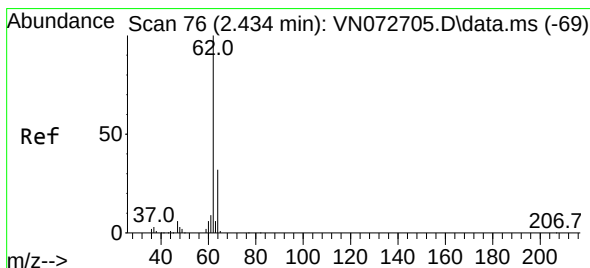
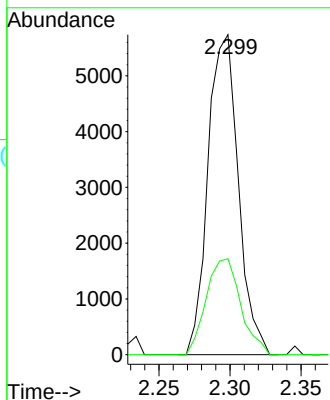
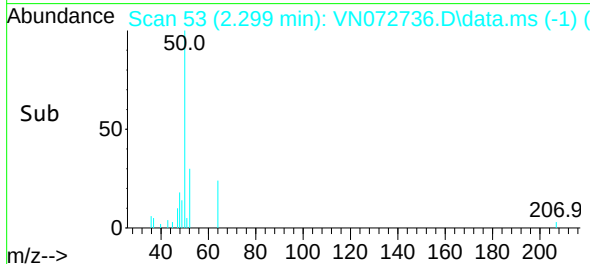
Instrument :
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Tgt Ion: 50 Resp: 852
Ion Ratio Lower Upper
50 100
52 30.0 25.7 38.5

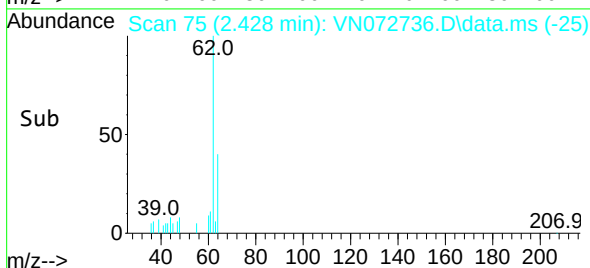
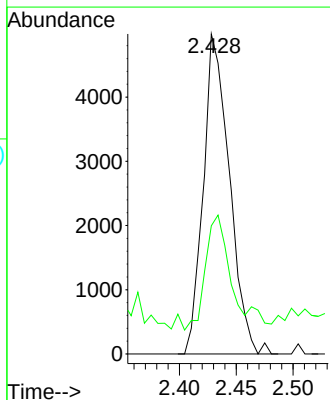
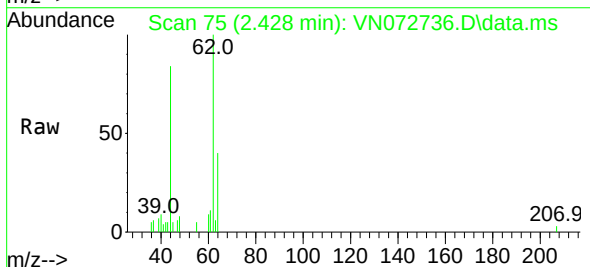
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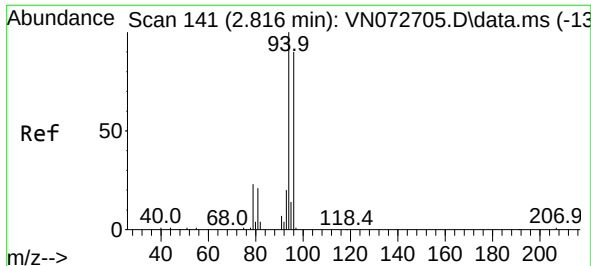
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#4
Vinyl Chloride
Concen: 3.154 ug/l
RT: 2.428 min Scan# 75
Delta R.T. -0.006 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29

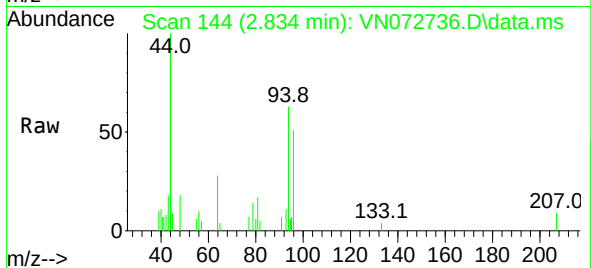
Tgt Ion: 62 Resp: 7969
Ion Ratio Lower Upper
62 100
64 28.0 25.0 37.4





#5
Bromomethane
Concen: 3.842 ug/l
RT: 2.834 min Scan# 141
Delta R.T. 0.018 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29

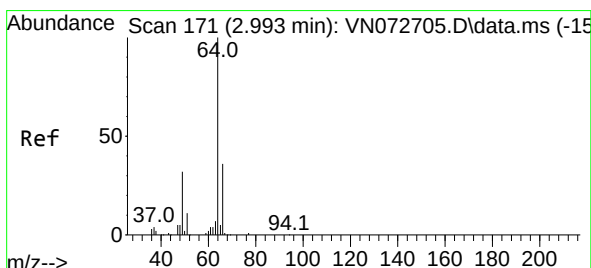
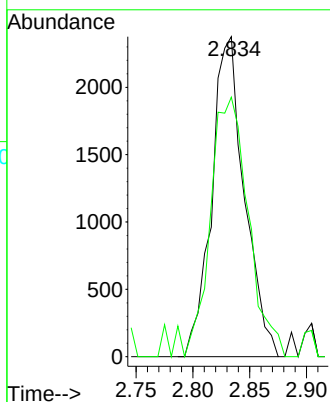
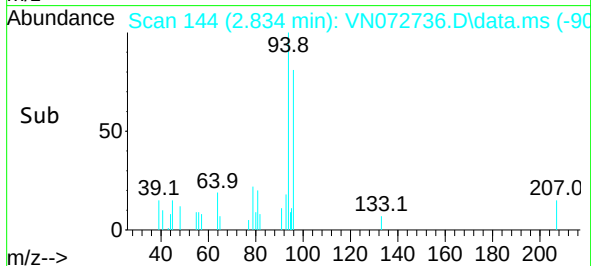
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Tgt Ion: 94 Resp: 476
Ion Ratio Lower Upper
94 100
96 74.0 76.0 114.0

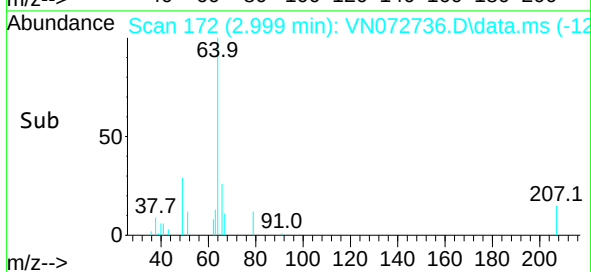
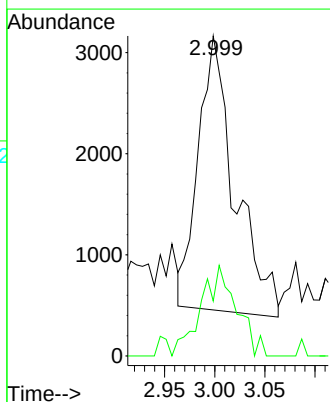
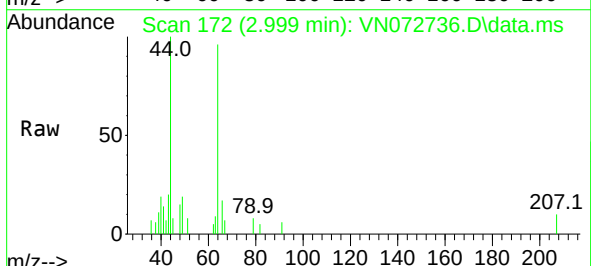
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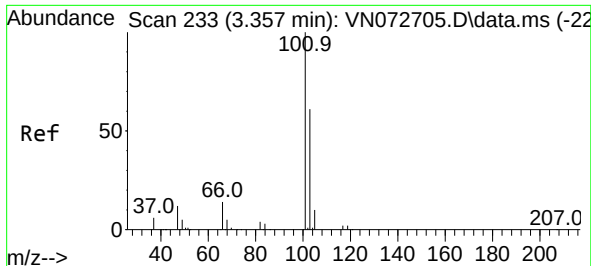
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#6
Chloroethane
Concen: 3.882 ug/l
RT: 2.999 min Scan# 172
Delta R.T. 0.006 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29

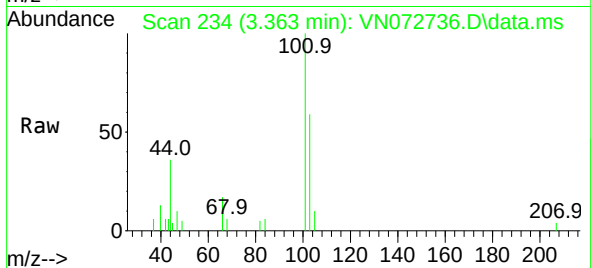
Tgt Ion: 64 Resp: 6907
Ion Ratio Lower Upper
64 100
66 20.3 26.2 39.4





#7
Trichlorofluoromethane
Concen: 2.779 ug/l
RT: 3.363 min Scan# 211
Delta R.T. 0.006 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29

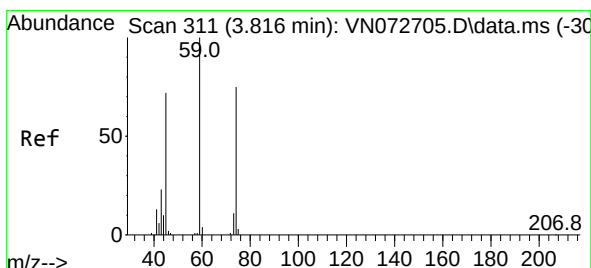
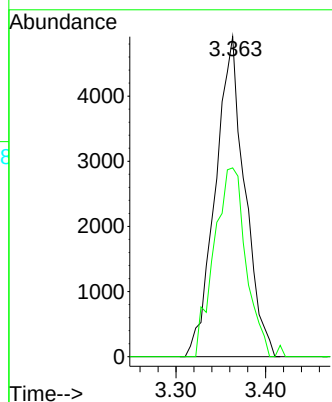
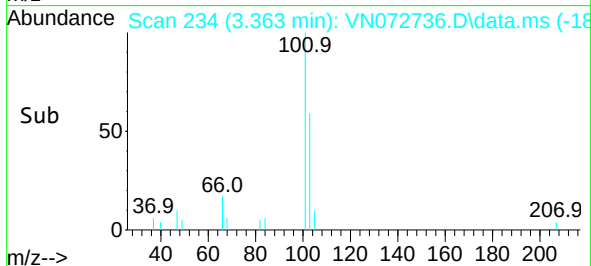
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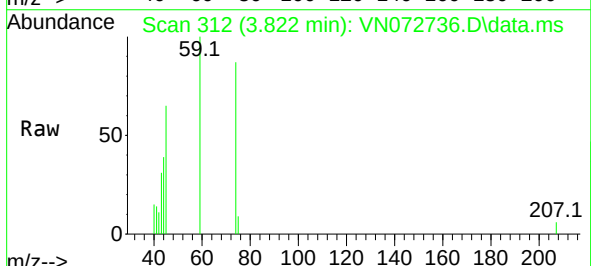
Tgt Ion: 101 Resp: 1117
Ion Ratio Lower Upper
101 100
103 59.0 51.5 77.3

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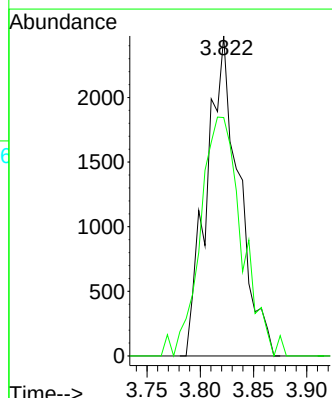
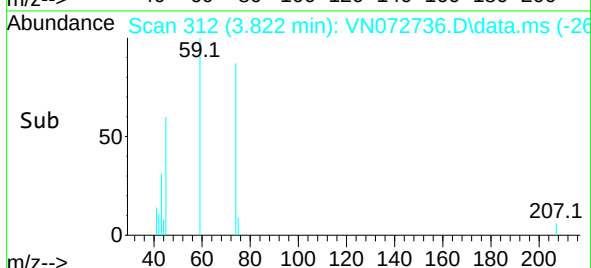
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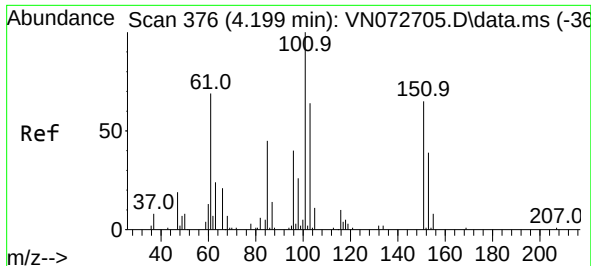


#8
Diethyl Ether
Concen: 3.186 ug/l
RT: 3.822 min Scan# 312
Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 5208
Ion Ratio Lower Upper
74 100
45 96.3 42.9 128.5





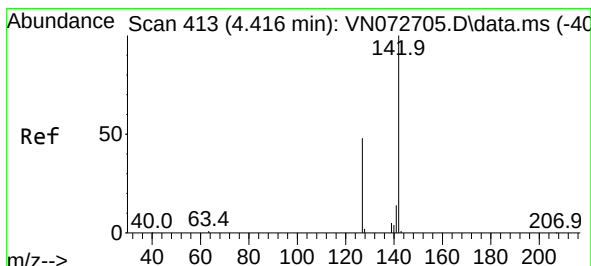
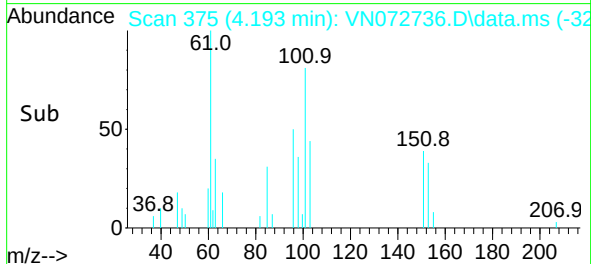
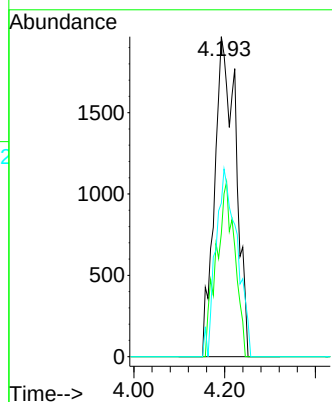
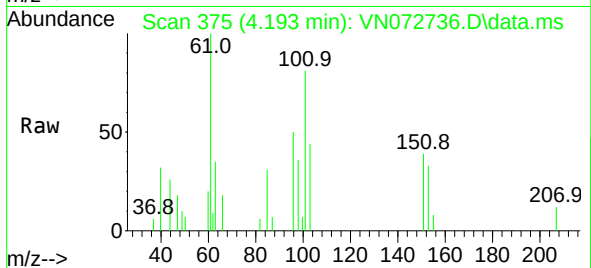
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.902 ug/l m
RT: 4.193 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022

Tgt Ion:101 Resp: 6389
Ion Ratio Lower Upper
101 100
85 47.3 34.7 52.1
151 58.6 63.0 94.4

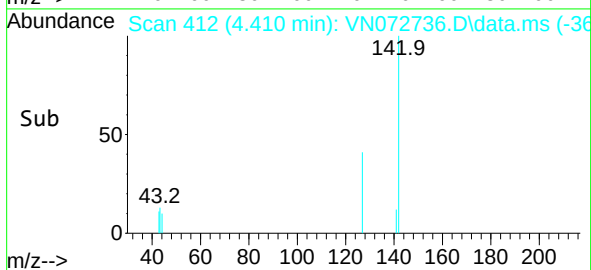
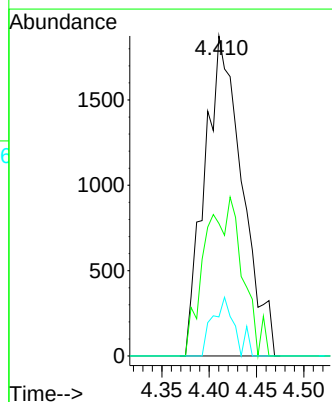
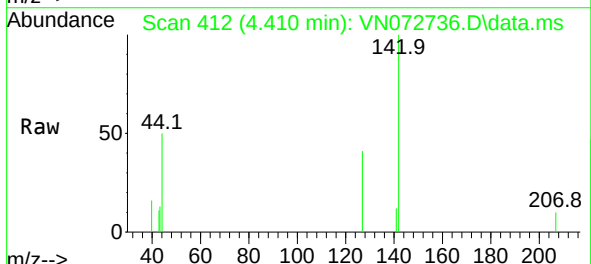
Manual Integrations
APPROVED

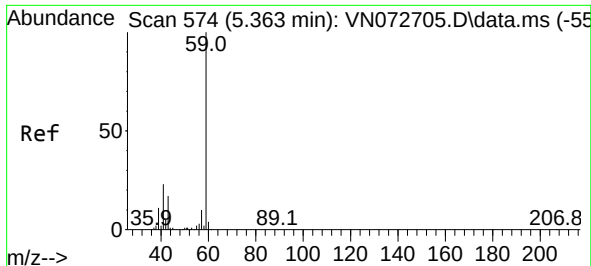
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#10
Methyl Iodide
Concen: 2.514 ug/l
RT: 4.410 min Scan# 412
Delta R.T. -0.006 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29

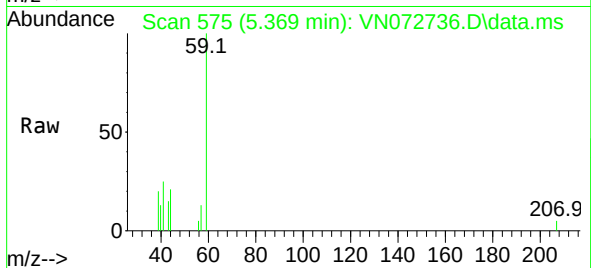
Tgt Ion:142 Resp: 5162
Ion Ratio Lower Upper
142 100
127 28.3 31.3 46.9#
141 10.8 11.2 16.8#





#11
Tert butyl alcohol
Concen: 18.031 ug/l
RT: 5.369 min Scan# 574
Delta R.T. 0.006 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29

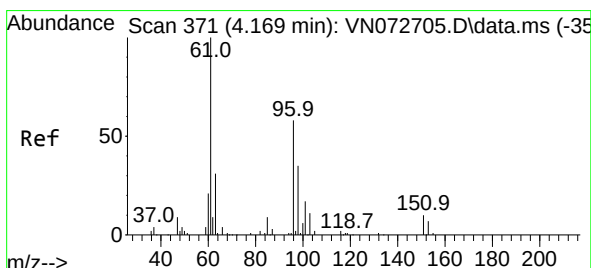
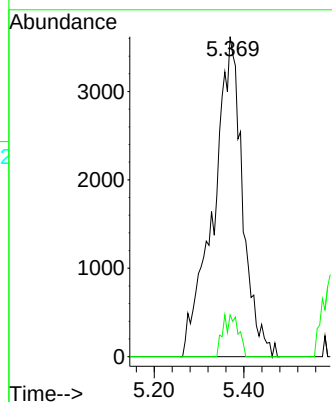
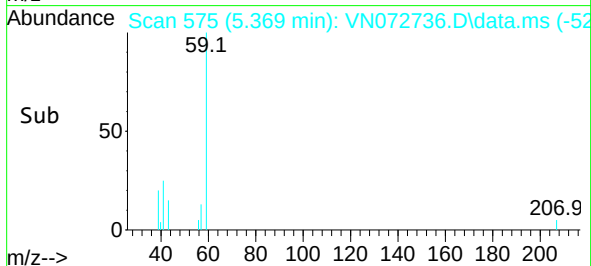
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion: 59 Resp: 16418
Ion Ratio Lower Upper
59 100
57 6.9 8.3 12.5

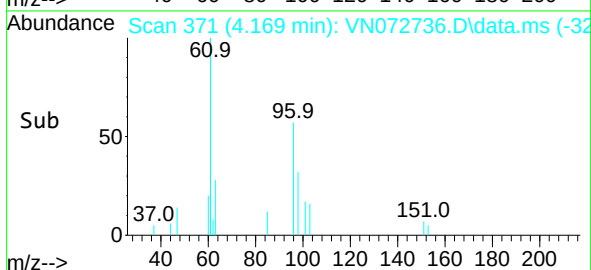
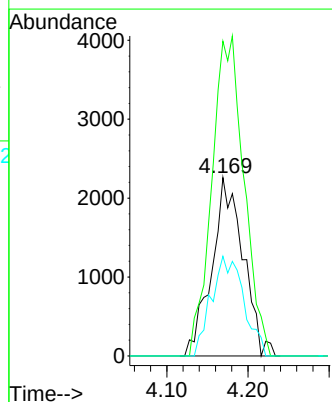
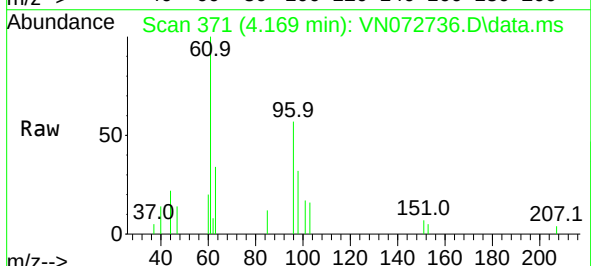
Manual Integrations
APPROVED

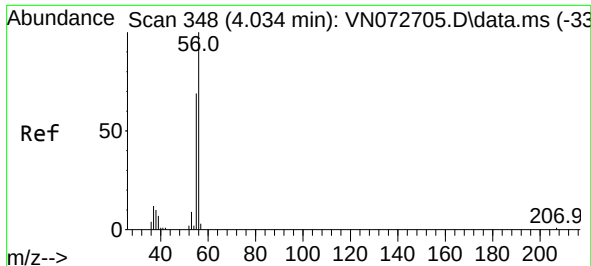
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#12
1,1-Dichloroethene
Concen: 2.966 ug/l
RT: 4.169 min Scan# 371
Delta R.T. 0.000 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29

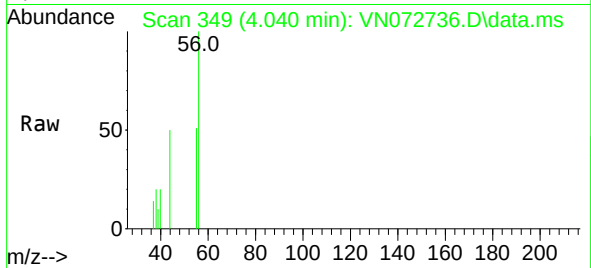
Tgt Ion: 96 Resp: 6087
Ion Ratio Lower Upper
96 100
61 176.5 127.6 191.4
98 55.9 51.2 76.8





#13
Acrolein
Concen: 14.840 ug/l
RT: 4.040 min Scan# 348
Delta R.T. 0.006 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29

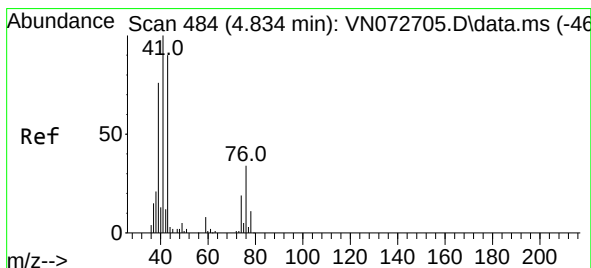
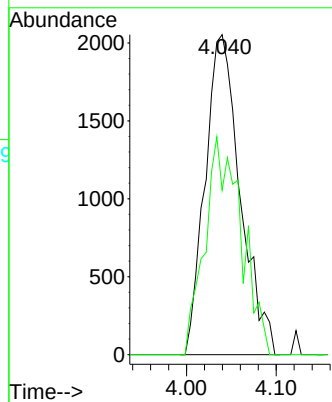
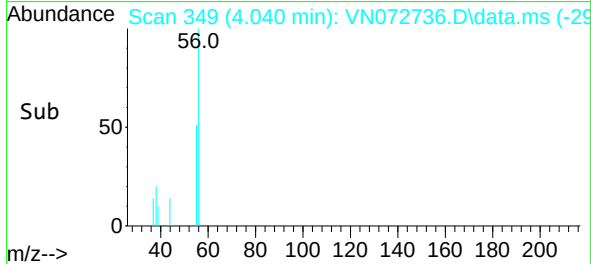
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion: 56 Resp: 558
Ion Ratio Lower Upper
56 100
55 70.5 54.8 82.2

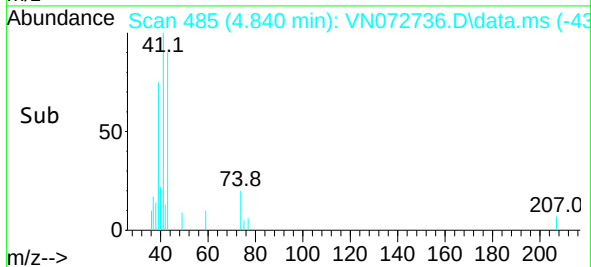
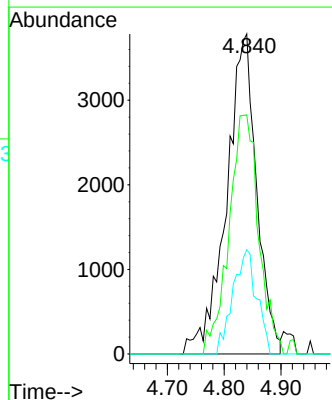
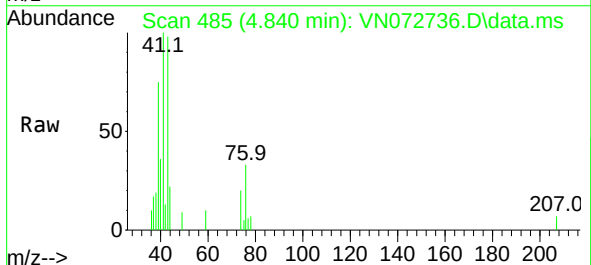
Manual Integrations
APPROVED

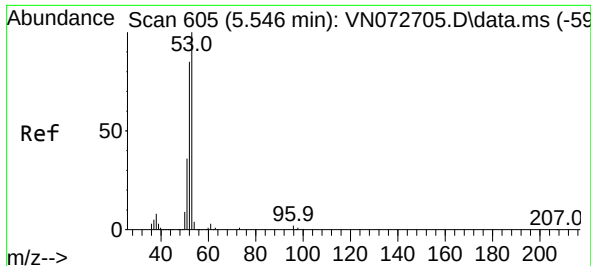
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#14
Allyl chloride
Concen: 2.957 ug/l
RT: 4.840 min Scan# 485
Delta R.T. 0.006 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29

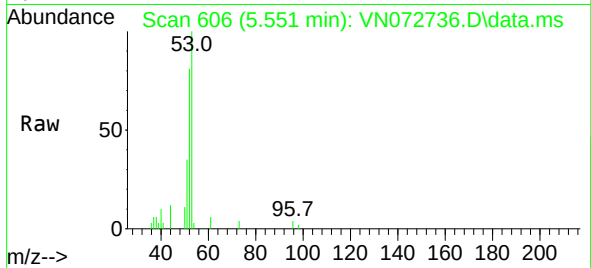
Tgt Ion: 41 Resp: 14012
Ion Ratio Lower Upper
41 100
39 73.0 53.2 79.8
76 25.7 29.9 44.9





#15
Acrylonitrile
Concen: 14.359 ug/l
RT: 5.551 min Scan# 605
Delta R.T. 0.005 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29

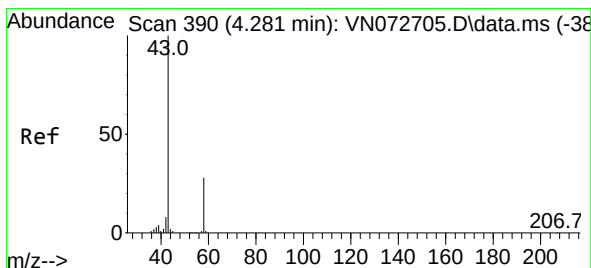
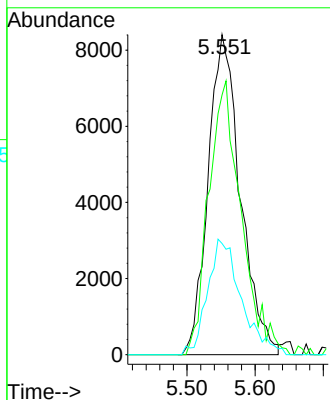
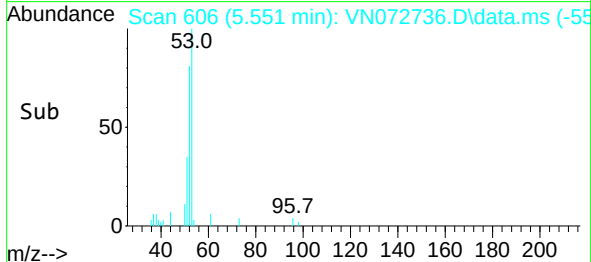
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion: 53 Resp: 2770
Ion Ratio Lower Upper
53 100
52 86.2 66.4 99.6
51 37.6 28.5 42.7

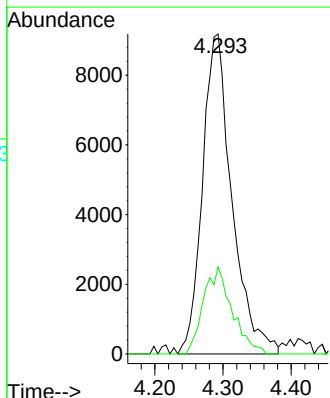
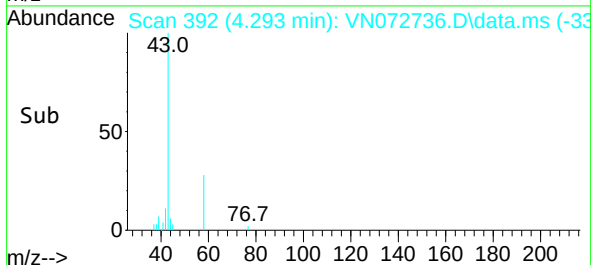
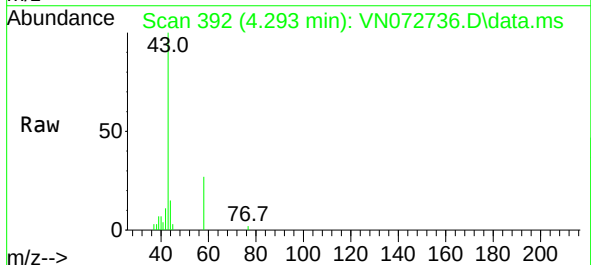
Manual Integrations
APPROVED

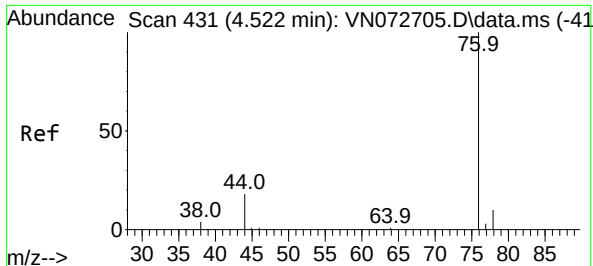
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#16
Acetone
Concen: 15.100 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.012 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29

Tgt Ion: 43 Resp: 27618
Ion Ratio Lower Upper
43 100
58 27.2 26.0 39.0





#17

Carbon Disulfide

Concen: 3.106 ug/l

RT: 4.522 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN072736.D

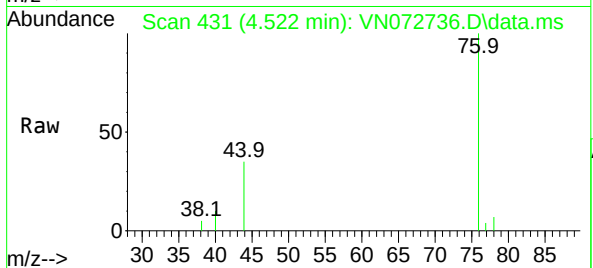
Acq: 09 Jun 2022 17:29

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2022



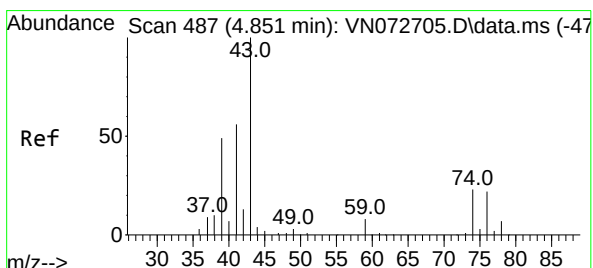
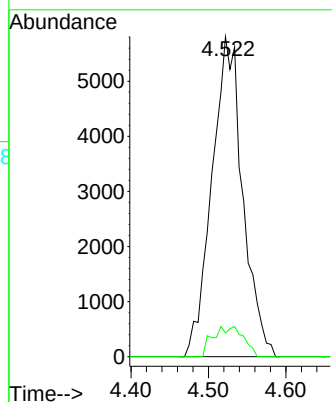
Tgt Ion:	76	Resp:	1609
Ion	Ratio	Lower	Upper
76	100		
78	7.4	7.2	10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#18

Methyl Acetate

Concen: 3.169 ug/l

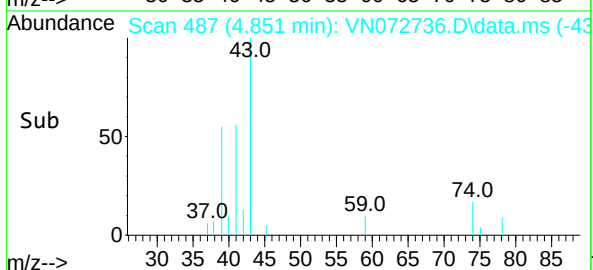
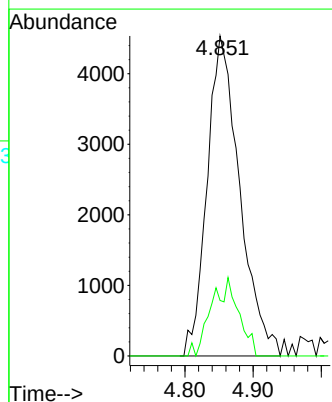
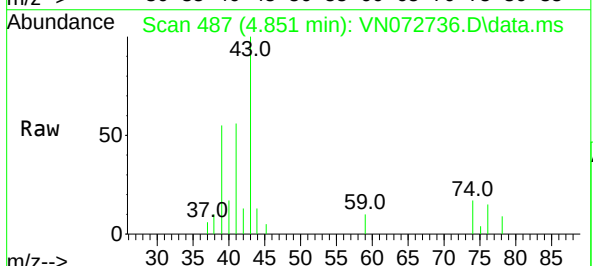
RT: 4.851 min Scan# 487

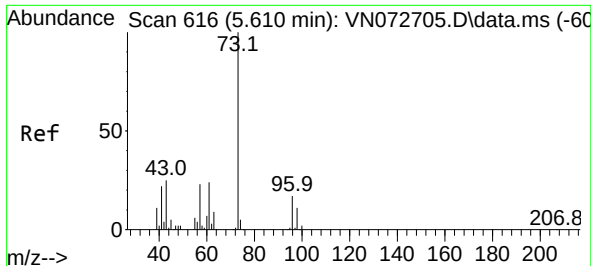
Delta R.T. 0.000 min

Lab File: VN072736.D

Acq: 09 Jun 2022 17:29

Tgt Ion:	43	Resp:	15081
Ion	Ratio	Lower	Upper
43	100		
74	10.9	21.6	32.4#





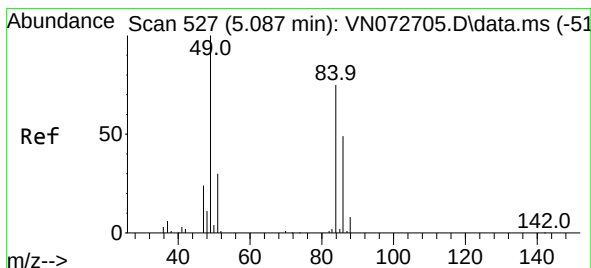
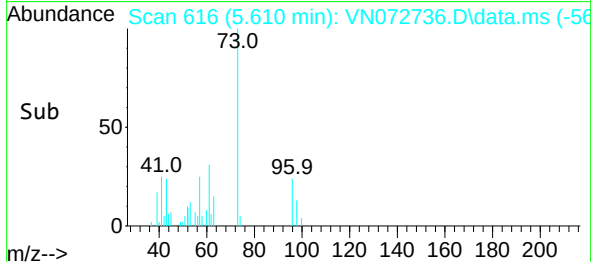
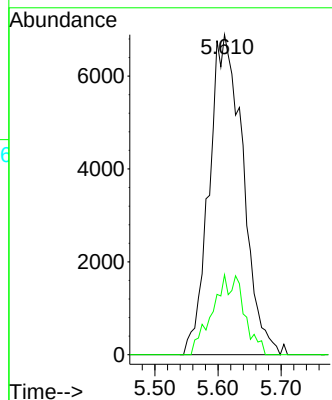
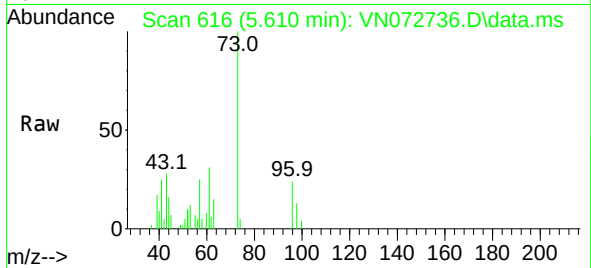
#19
Methyl tert-butyl Ether
Concen: 2.760 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022

Tgt Ion: 73 Resp: 2562
Ion Ratio Lower Upper
73 100
57 25.0 17.6 26.4

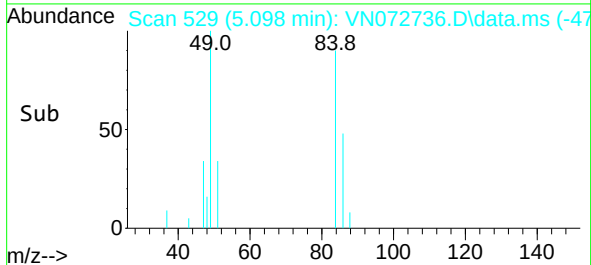
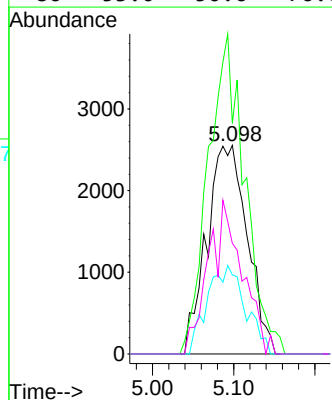
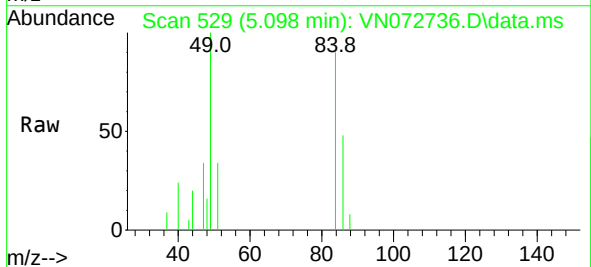
Manual Integrations
APPROVED

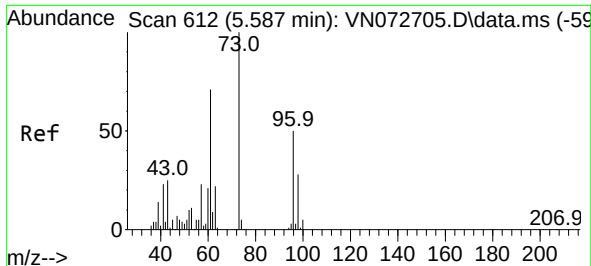
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#20
Methylene Chloride
Concen: 3.072 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.011 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29

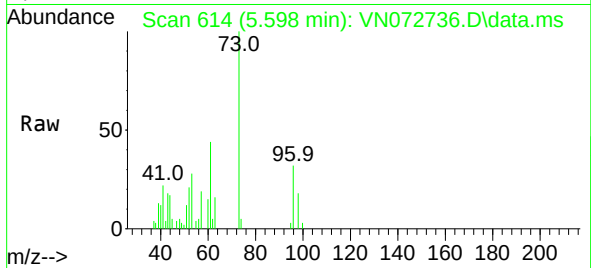
Tgt Ion: 84 Resp: 8870
Ion Ratio Lower Upper
84 100
49 110.5 88.3 132.5
51 37.9 28.2 42.2
86 53.0 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 2.988 ug/l
RT: 5.598 min Scan# 612
Delta R.T. 0.011 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29

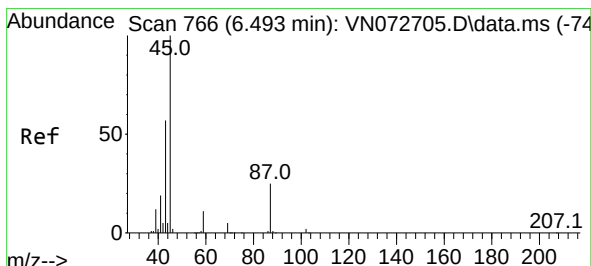
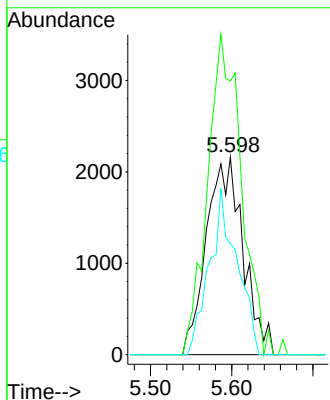
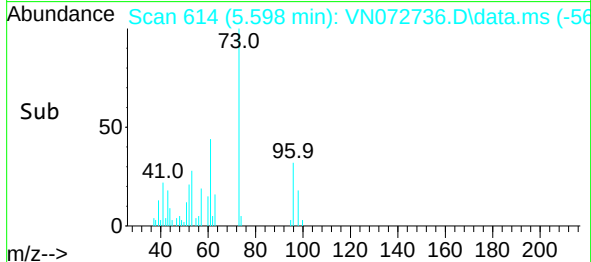
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



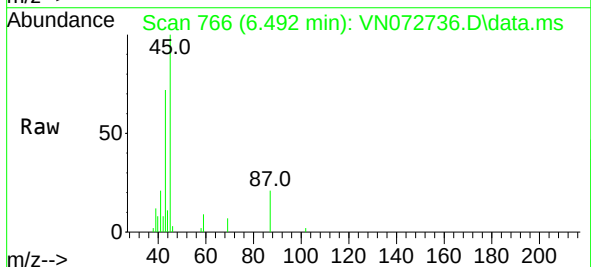
Tgt Ion: 96 Resp: 6752
Ion Ratio Lower Upper
96 100
61 138.5 105.8 158.8
98 56.3 50.3 75.5

Manual Integrations
APPROVED

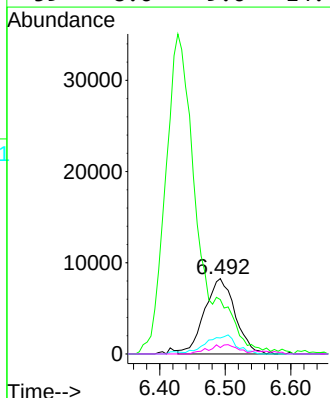
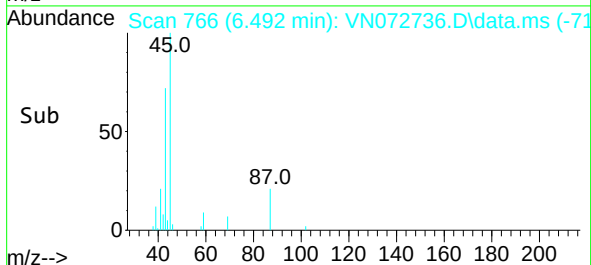
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

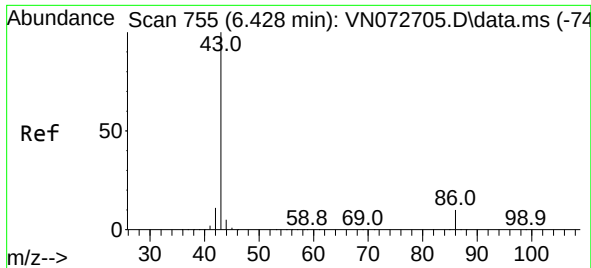


#22
Diisopropyl ether
Concen: 2.779 ug/l
RT: 6.492 min Scan# 766
Delta R.T. -0.001 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29



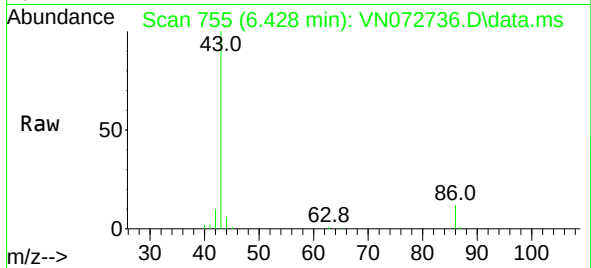
Tgt Ion: 45 Resp: 26684
Ion Ratio Lower Upper
45 100
43 68.6 46.6 70.0
87 21.3 24.3 36.5#
59 8.6 9.6 14.4#





#23
 Vinyl Acetate
 Concen: 13.701 ug/l m
 RT: 6.428 min Scan# 755
 Delta R.T. -0.000 min
 Lab File: VN072736.D
 Acq: 09 Jun 2022 17:29

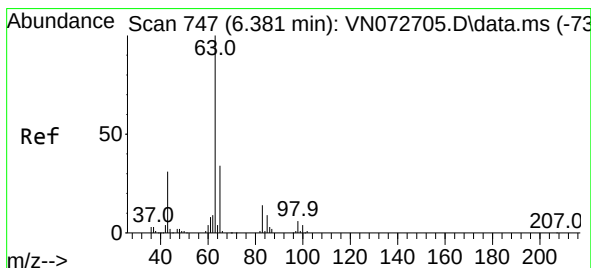
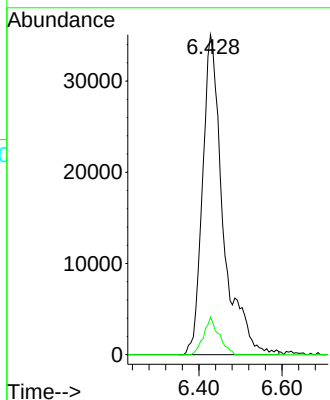
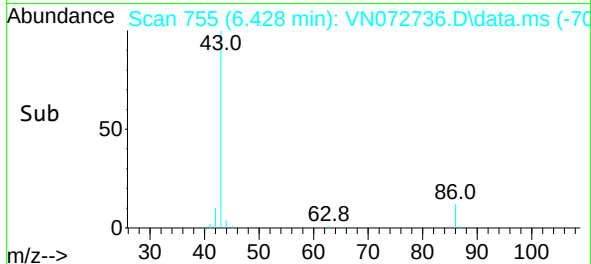
Instrument : MSVOA_N
 ClientSampleId : MDL-WATER-03-QT2-2022



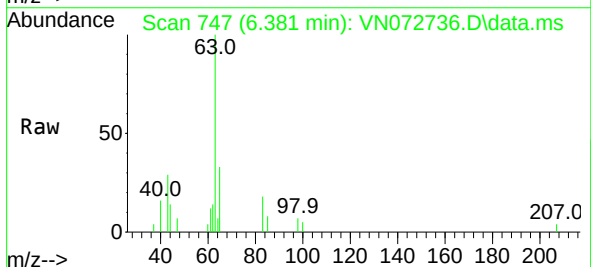
Tgt Ion: 43 Resp: 12045
 Ion Ratio Lower Upper
 43 100
 86 11.8 10.0 15.0

Manual Integrations
 APPROVED

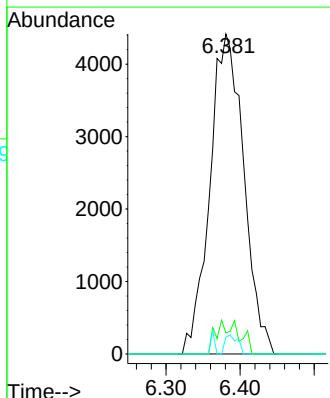
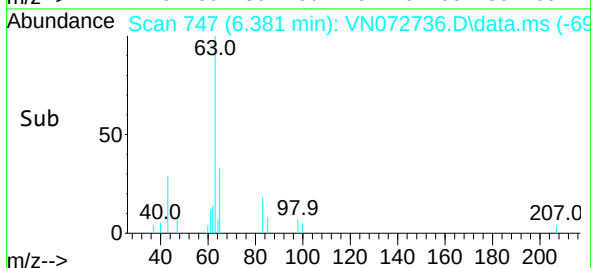
Reviewed By :John Carlone 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022

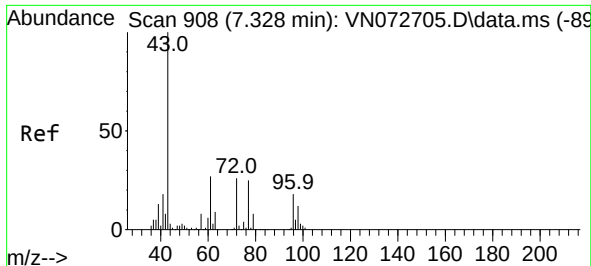


#24
 1,1-Dichloroethane
 Concen: 2.814 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. -0.000 min
 Lab File: VN072736.D
 Acq: 09 Jun 2022 17:29



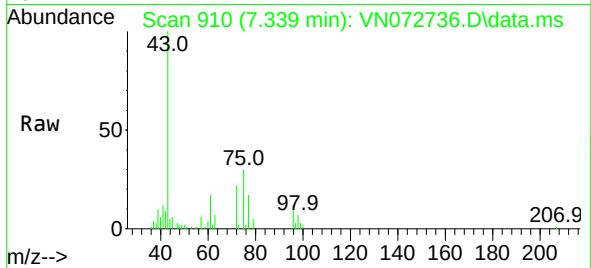
Tgt Ion: 63 Resp: 14032
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.5 10.4
 100 5.2 2.3 6.8





#25
2-Butanone
Concen: 14.843 ug/l
RT: 7.339 min Scan# 910
Delta R.T. 0.011 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29

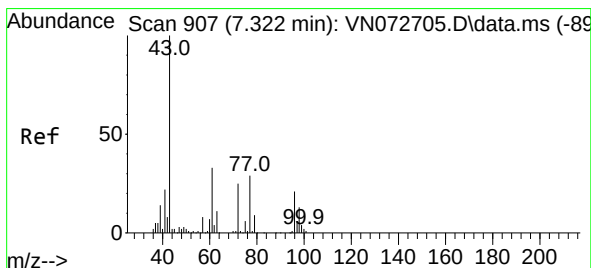
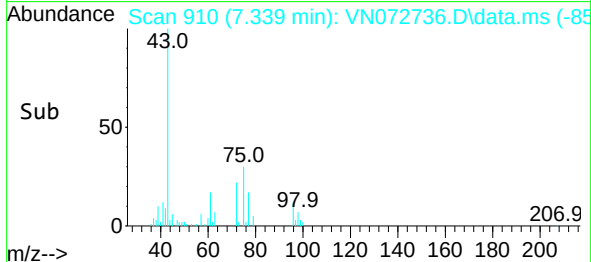
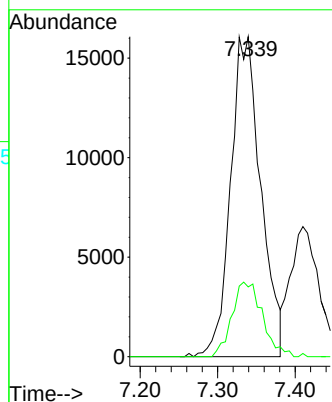
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion: 43 Resp: 43672
Ion Ratio Lower Upper
43 100
72 21.8 23.7 35.5

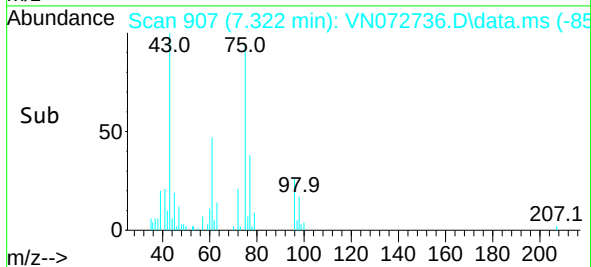
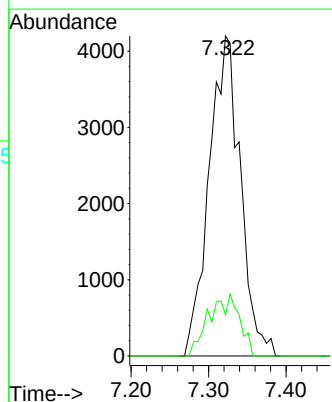
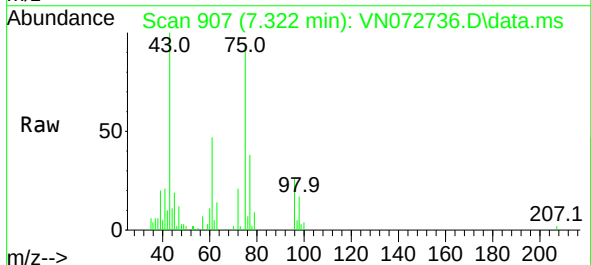
Manual Integrations
APPROVED

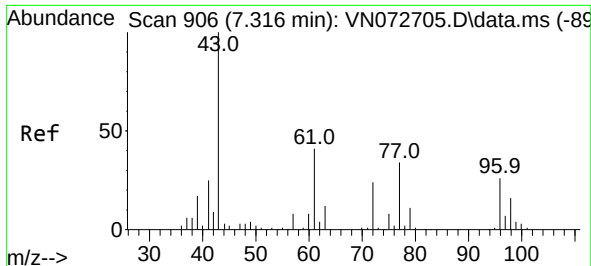
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#26
2,2-Dichloropropane
Concen: 2.612 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29

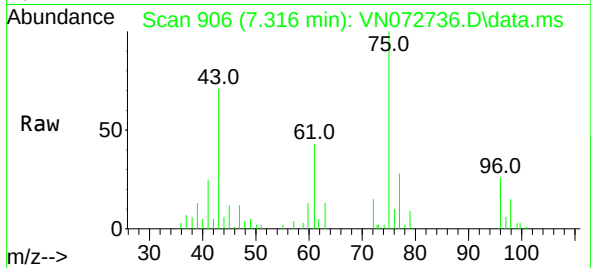
Tgt Ion: 77 Resp: 11775
Ion Ratio Lower Upper
77 100
97 11.2 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 2.693 ug/l
 RT: 7.316 min Scan# 906
 Delta R.T. -0.000 min
 Lab File: VN072736.D
 Acq: 09 Jun 2022 17:29

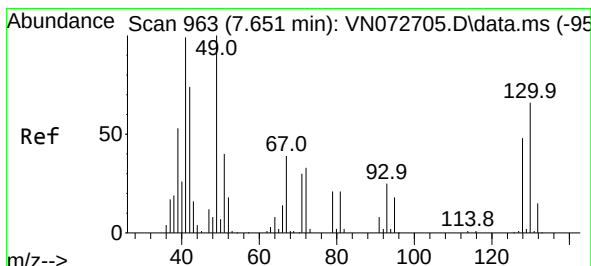
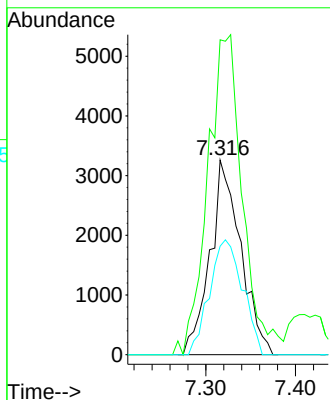
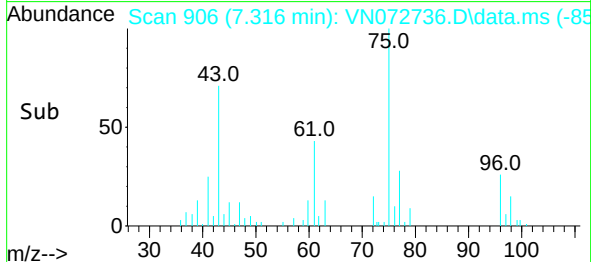
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2022



Tgt Ion: 96 Resp: 774.3
 Ion Ratio Lower Upper
 96 100
 61 186.3 0.0 280.6
 98 63.7 0.0 128.4

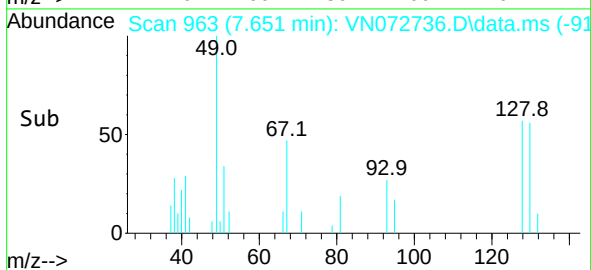
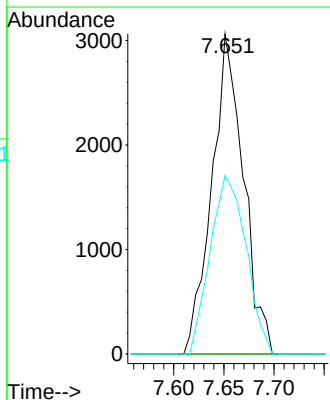
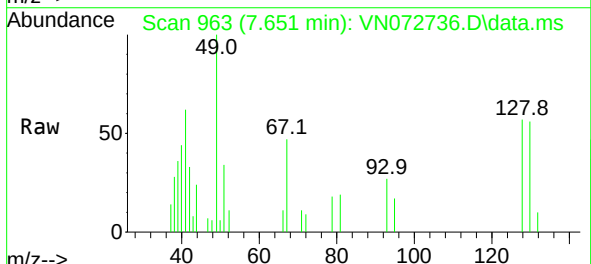
Manual Integrations
 APPROVED

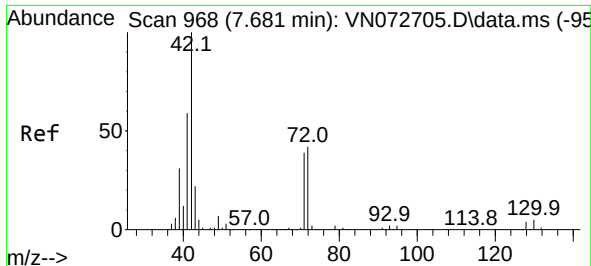
Reviewed By :John Carlone 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022



#28
 Bromochloromethane
 Concen: 2.850 ug/l
 RT: 7.651 min Scan# 963
 Delta R.T. 0.000 min
 Lab File: VN072736.D
 Acq: 09 Jun 2022 17:29

Tgt Ion: 49 Resp: 6713
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.6
 130 63.4 69.7 104.5#





#29

Tetrahydrofuran

Concen: 14.287 ug/l

RT: 7.686 min Scan# 90

Delta R.T. 0.005 min

Lab File: VN072736.D

Acq: 09 Jun 2022 17:29

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2022

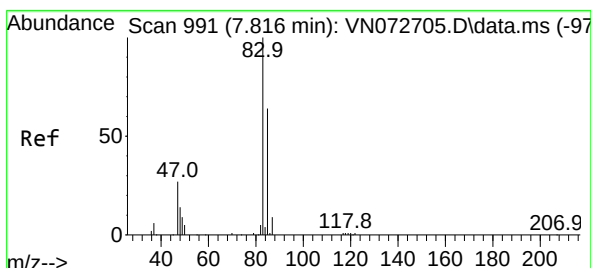
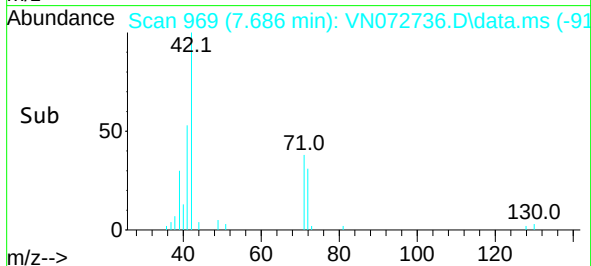
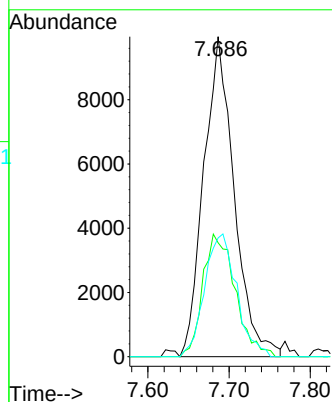
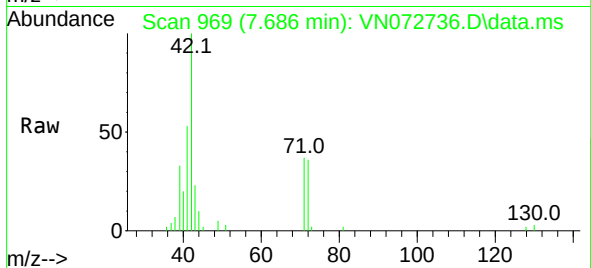
Tgt Ion: 42	Resp: 25970
Ion Ratio	Lower Upper
42 100	
72 40.6	39.7 59.5
71 40.2	36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#30

Chloroform

Concen: 2.836 ug/l

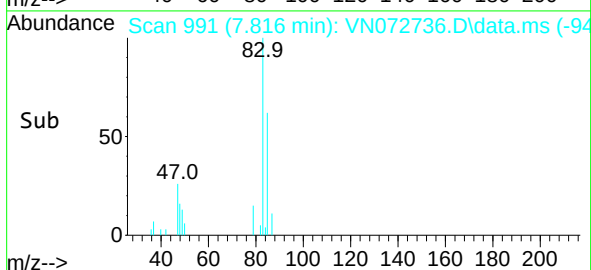
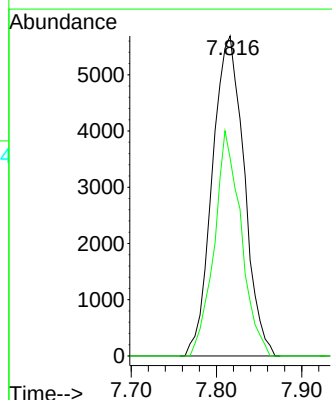
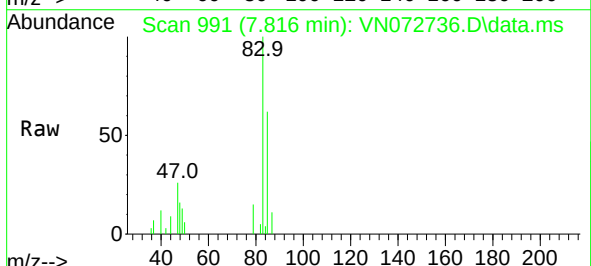
RT: 7.816 min Scan# 991

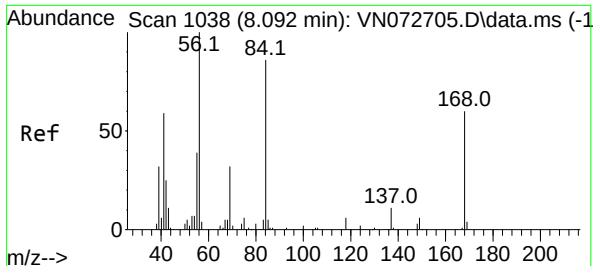
Delta R.T. -0.000 min

Lab File: VN072736.D

Acq: 09 Jun 2022 17:29

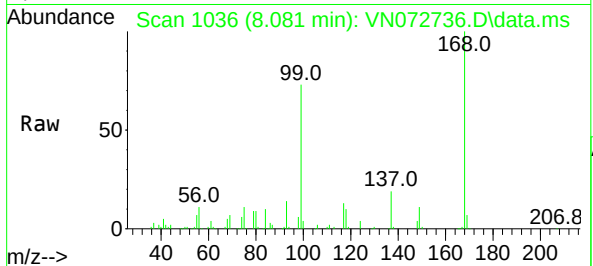
Tgt Ion: 83	Resp: 14741
Ion Ratio	Lower Upper
83 100	
85 61.8	51.8 77.8





#31
Cyclohexane
Concen: 4.102 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.011 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29

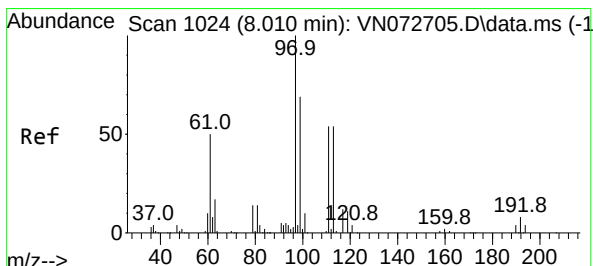
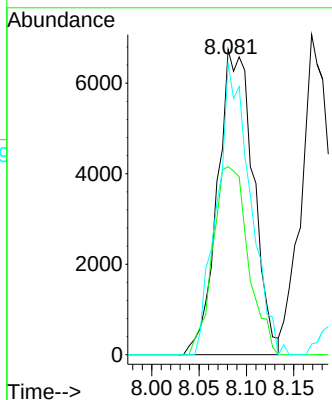
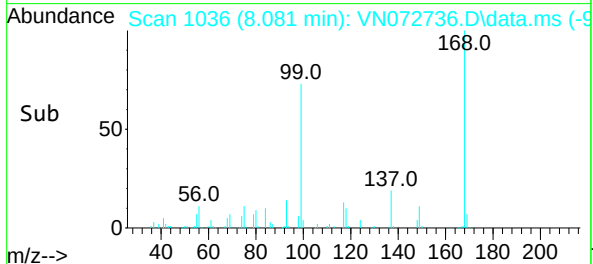
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



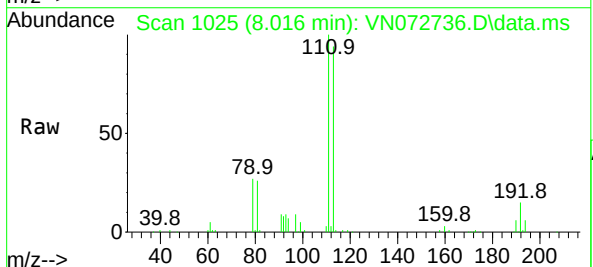
Tgt Ion: 56 Resp: 17700
Ion Ratio Lower Upper
56 100
69 61.6 27.8 41.8
84 95.4 76.9 115.3

Manual Integrations
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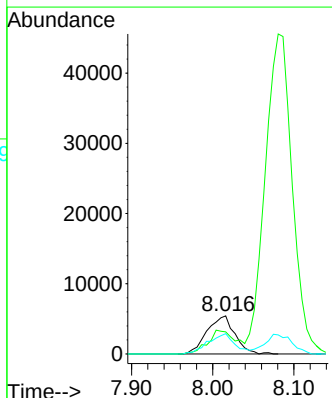
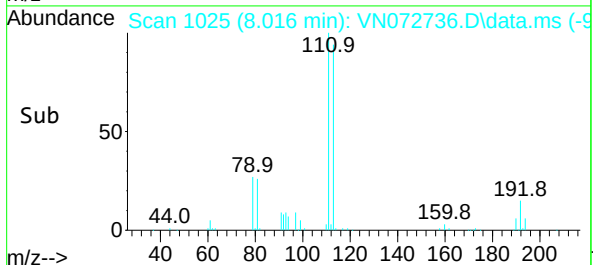
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

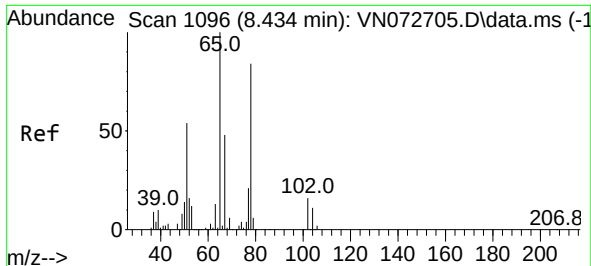


#32
1,1,1-Trichloroethane
Concen: 2.802 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.006 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29



Tgt Ion: 97 Resp: 12871
Ion Ratio Lower Upper
97 100
99 63.3 50.6 76.0
61 51.4 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 54.669 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN072736.D

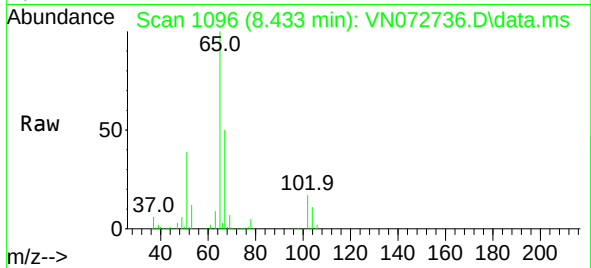
Acq: 09 Jun 2022 17:29

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2022



Tgt Ion: 65 Resp: 208679

Ion Ratio Lower Upper

65 100

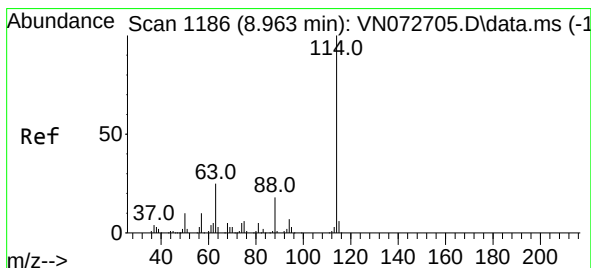
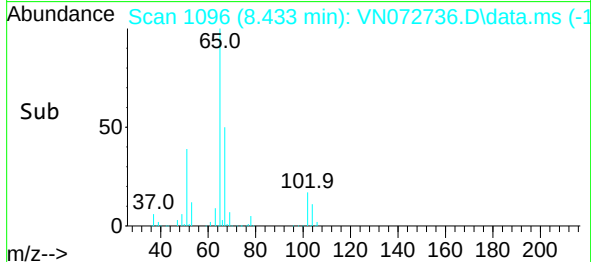
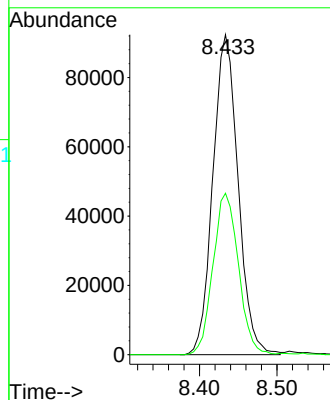
67 50.9 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072736.D

Acq: 09 Jun 2022 17:29

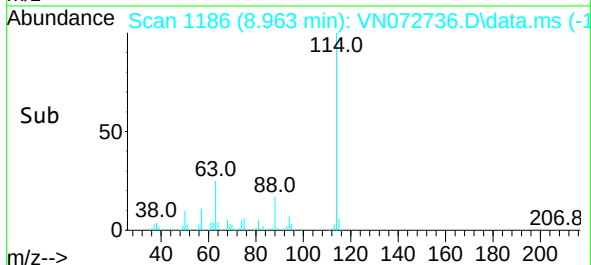
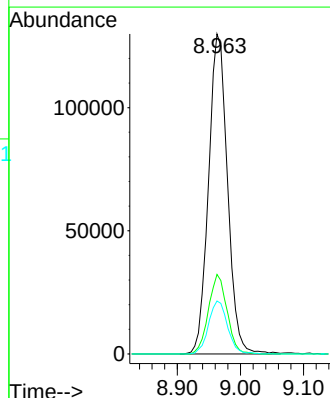
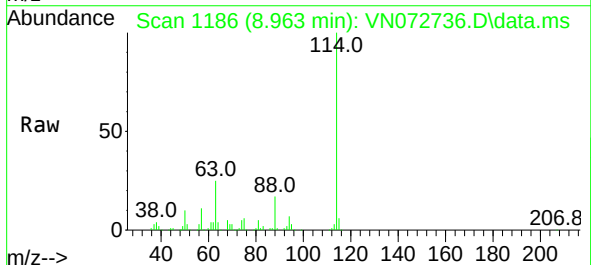
Tgt Ion:114 Resp: 271344

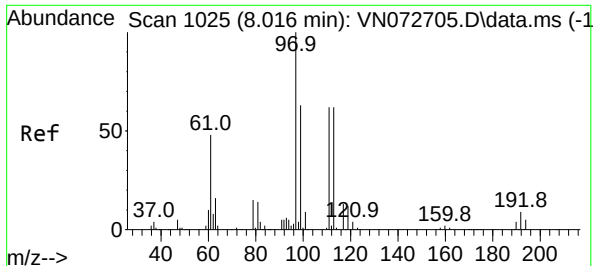
Ion Ratio Lower Upper

114 100

63 24.9 0.0 40.0

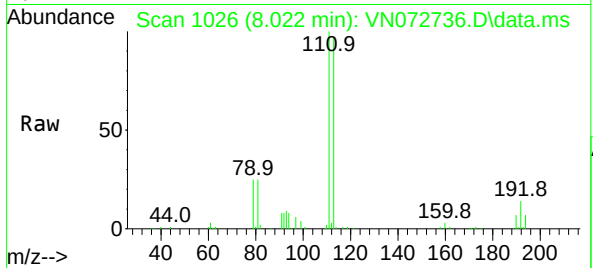
88 16.5 0.0 32.6





#35
Dibromofluoromethane
Concen: 52.148 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29

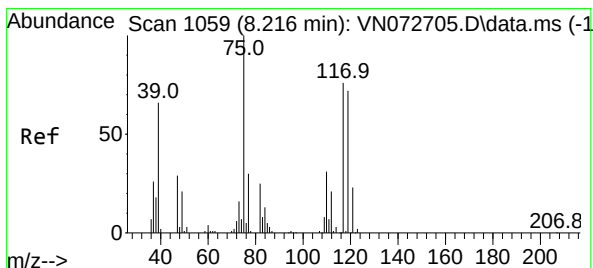
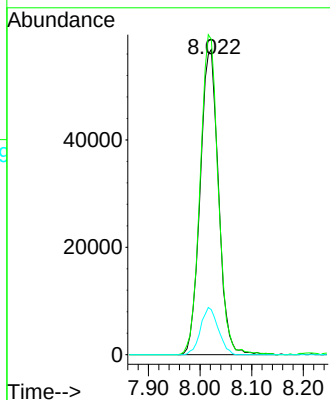
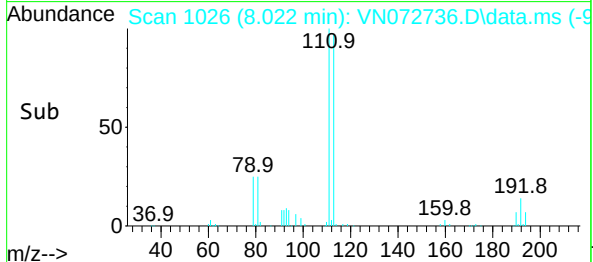
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion: 113 Resp: 14001
Ion Ratio Lower Upper
113 100
111 103.5 81.4 122.0
192 14.9 17.0 25.6

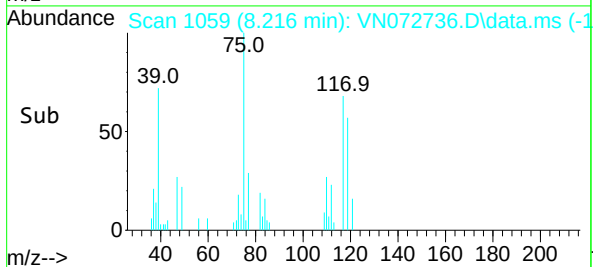
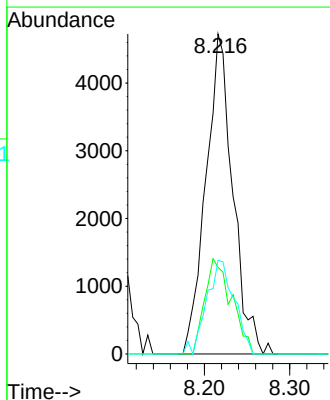
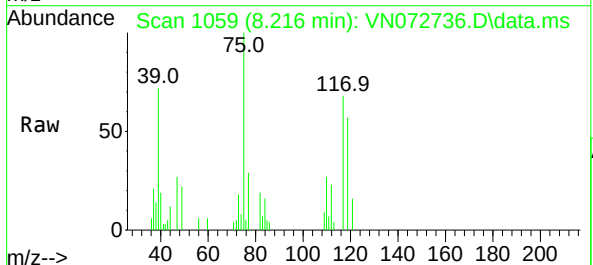
Manual Integrations
APPROVED

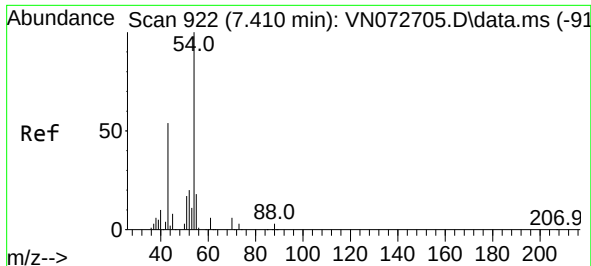
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#36
1,1-Dichloropropene
Concen: 2.780 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29

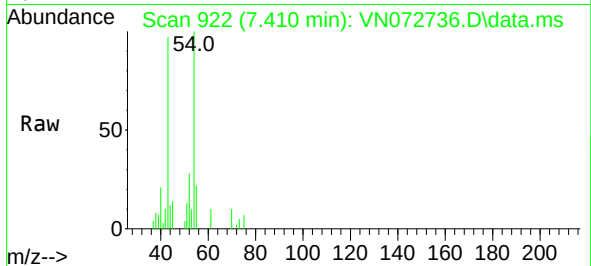
Tgt Ion: 75 Resp: 10360
Ion Ratio Lower Upper
75 100
110 29.5 18.3 54.8
77 30.0 25.1 37.7





#37
Ethyl Acetate
Concen: 2.991 ug/l
RT: 7.410 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29

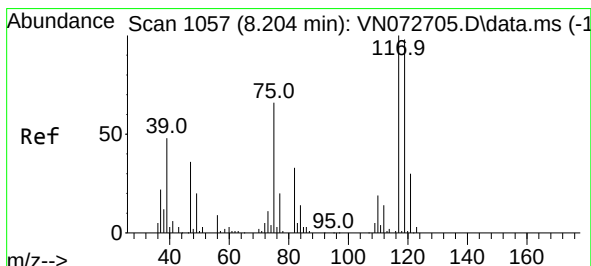
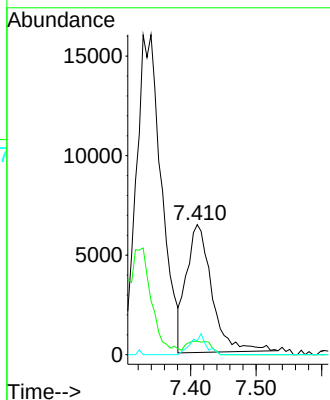
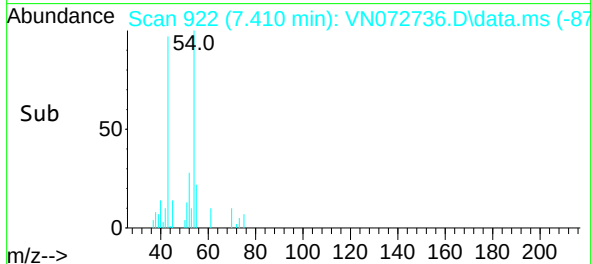
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion: 43 Resp: 17318
Ion Ratio Lower Upper
43 100
61 10.0 11.8 17.6
70 9.7 9.3 13.9

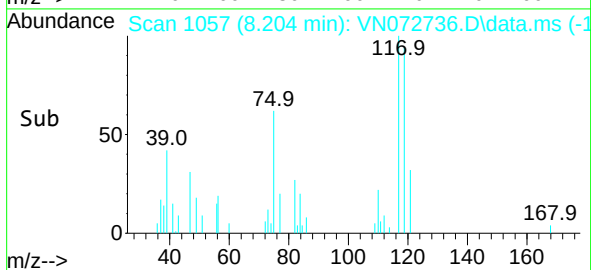
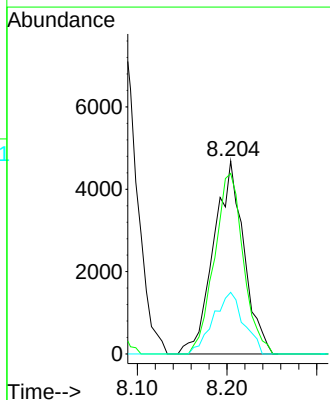
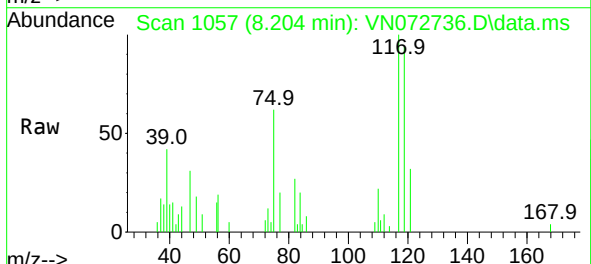
Manual Integrations
APPROVED

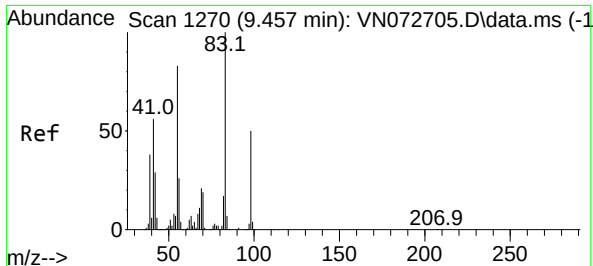
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#38
Carbon Tetrachloride
Concen: 2.759 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29

Tgt Ion:117 Resp: 10988
Ion Ratio Lower Upper
117 100
119 93.5 75.8 113.8
121 32.0 24.6 37.0





#39

Methylcyclohexane

Concen: 2.680 ug/l

RT: 9.457 min Scan# 1101

Delta R.T. -0.000 min

Lab File: VN072736.D

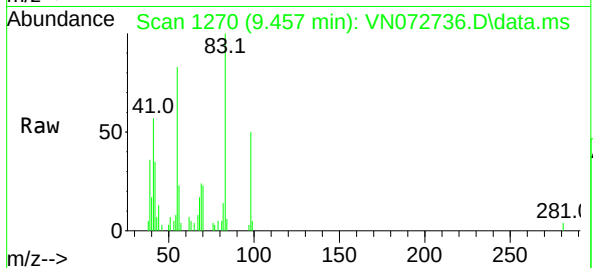
Acq: 09 Jun 2022 17:29

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2022

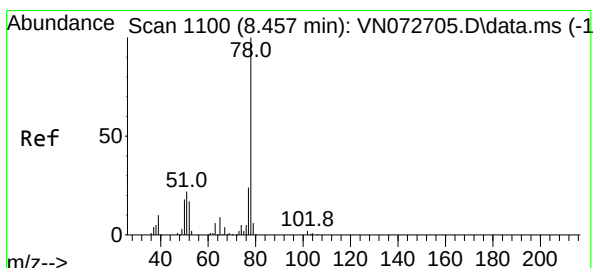
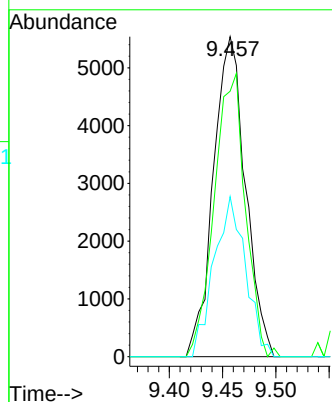
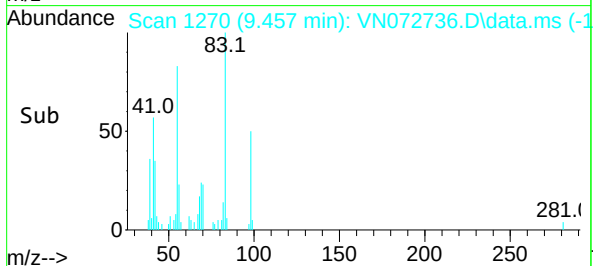


Tgt Ion:	83	Resp:	11590
Ion	Ratio	Lower	Upper
83	100		
55	82.9	57.8	86.8
98	50.0	39.4	59.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#40

Benzene

Concen: 2.759 ug/l

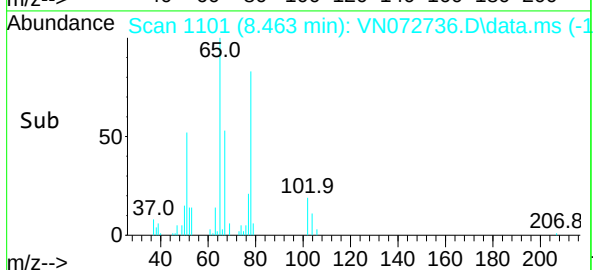
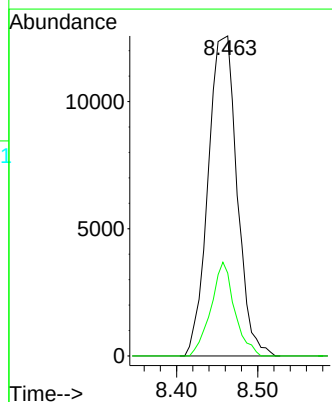
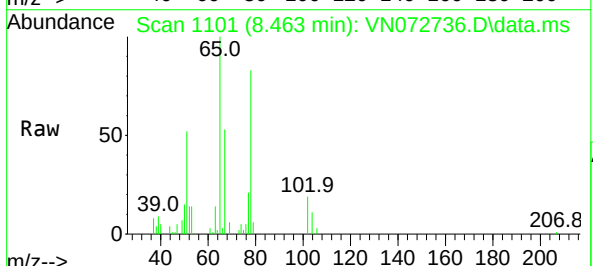
RT: 8.463 min Scan# 1101

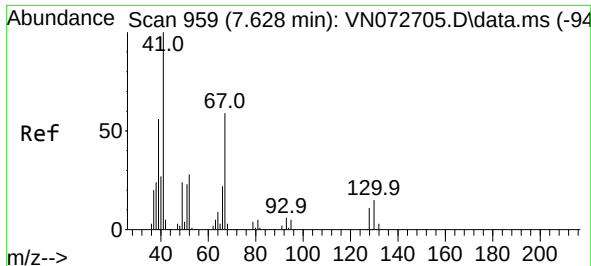
Delta R.T. 0.006 min

Lab File: VN072736.D

Acq: 09 Jun 2022 17:29

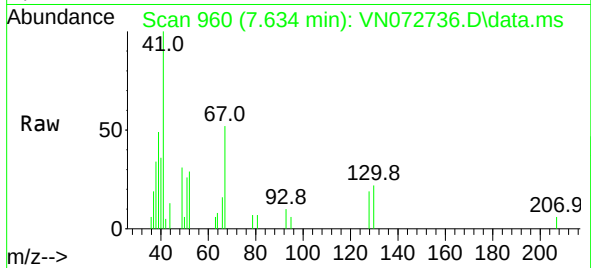
Tgt Ion:	78	Resp:	31199
Ion	Ratio	Lower	Upper
78	100		
77	25.9	19.4	29.0





#41
Methacrylonitrile
Concen: 3.049 ug/l m
RT: 7.634 min Scan# 959
Delta R.T. 0.006 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29

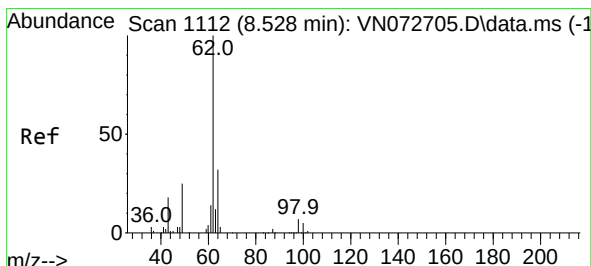
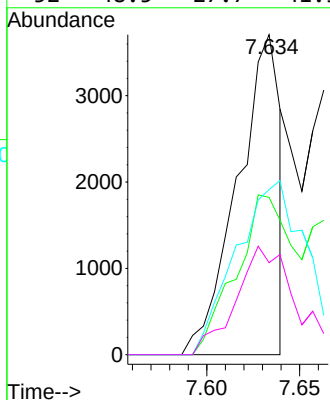
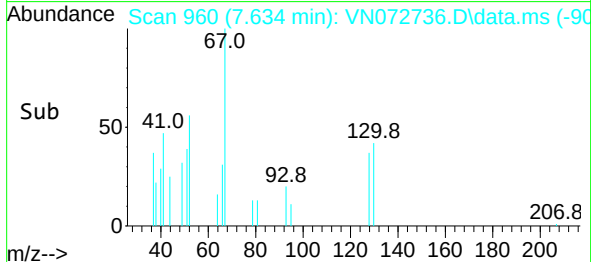
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion: 41 Resp: 595
Ion Ratio Lower Upper
41 100
39 66.3 48.6 73.0
67 89.4 73.4 110.2
52 48.5 27.7 41.5#

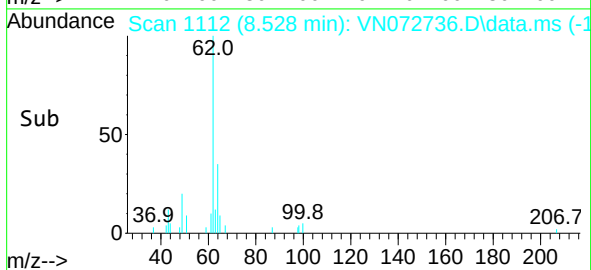
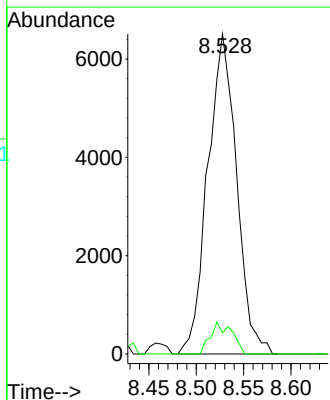
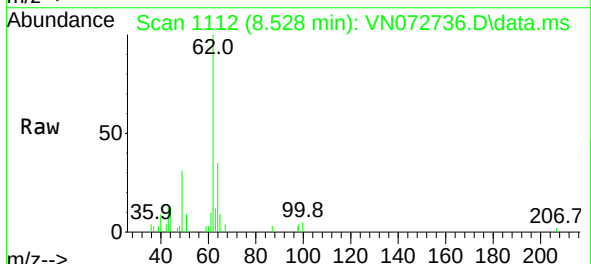
Manual Integrations
APPROVED

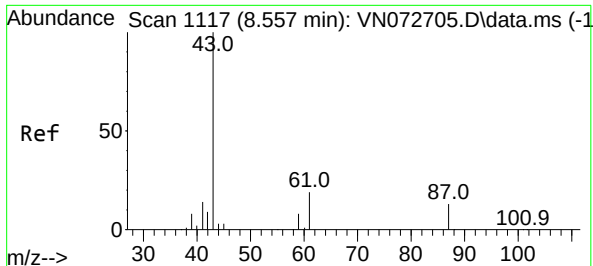
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#42
1,2-Dichloroethane
Concen: 2.942 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29

Tgt Ion: 62 Resp: 13797
Ion Ratio Lower Upper
62 100
98 7.4 0.0 19.4





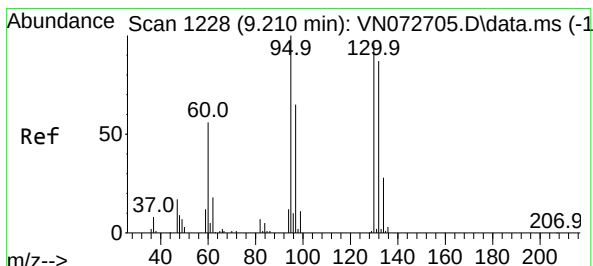
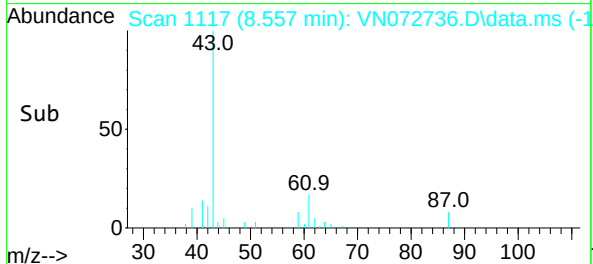
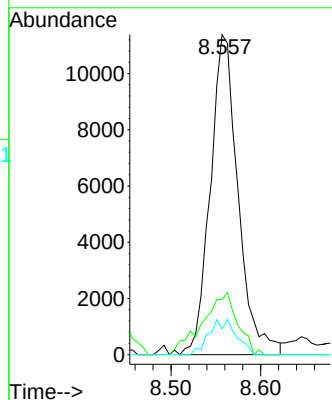
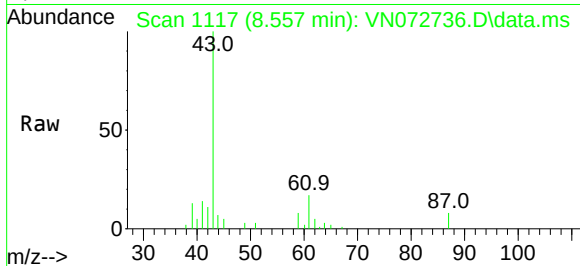
#43
Isopropyl Acetate
Concen: 2.717 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2022

Tgt Ion: 43 Resp: 2450
Ion Ratio Lower Upper
43 100
61 24.4 21.9 32.9
87 10.8 12.0 18.0

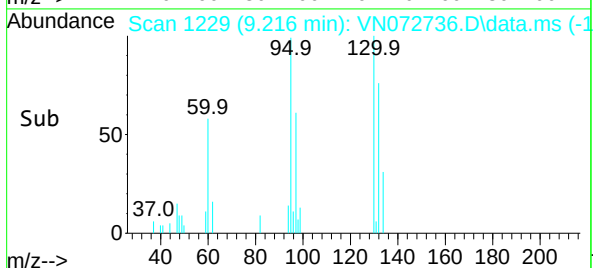
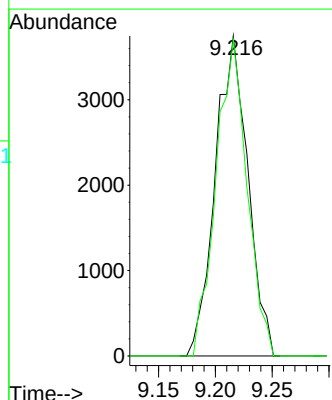
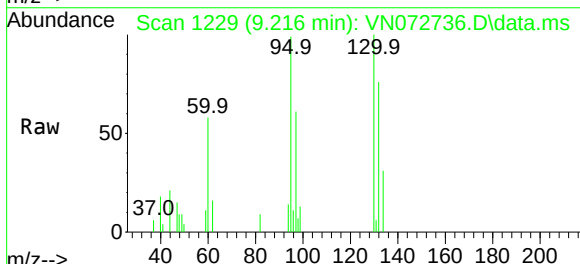
Manual Integrations
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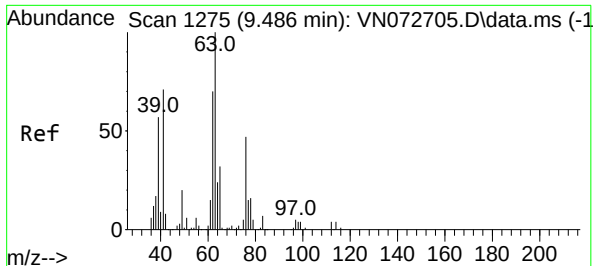
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#44
Trichloroethene
Concen: 2.835 ug/l
RT: 9.216 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29

Tgt Ion:130 Resp: 7465
Ion Ratio Lower Upper
130 100
95 98.9 0.0 186.8





#45

1,2-Dichloropropane

Concen: 2.675 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN072736.D

Acq: 09 Jun 2022 17:29

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2022

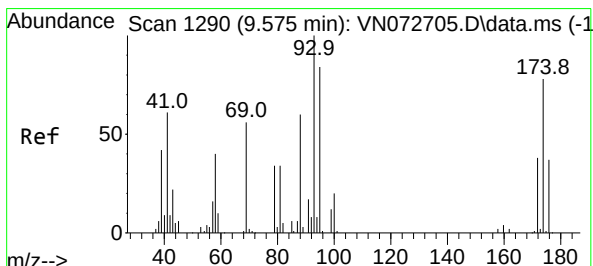
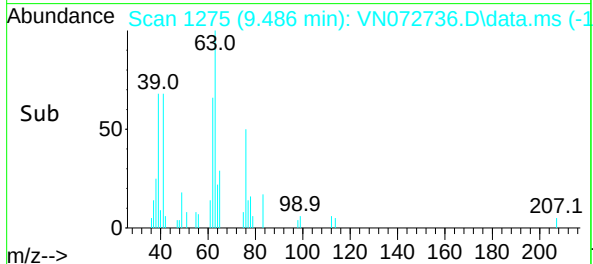
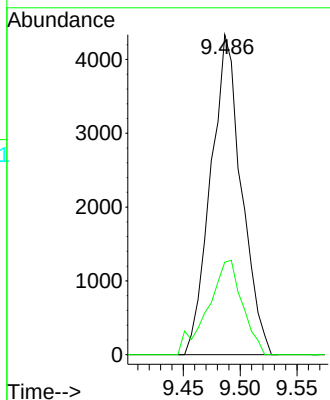
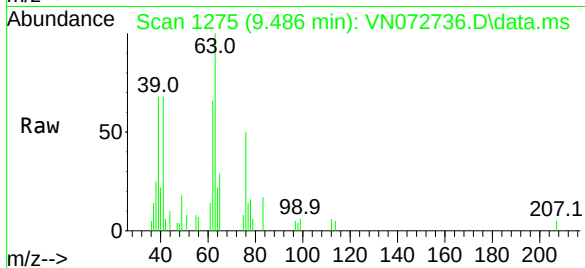
Tgt Ion: 63 Resp: 8174
 Ion Ratio Lower Upper
 63 100
 65 28.9 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#46

Dibromomethane

Concen: 2.790 ug/l

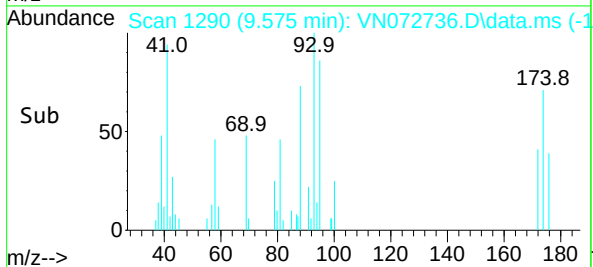
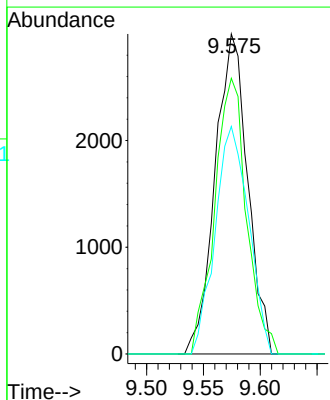
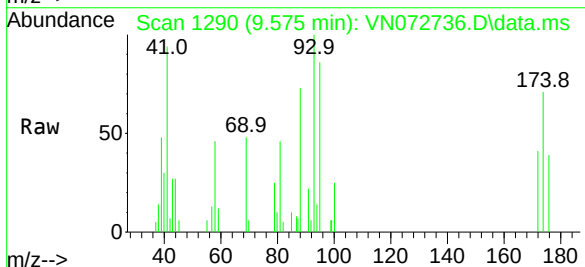
RT: 9.575 min Scan# 1290

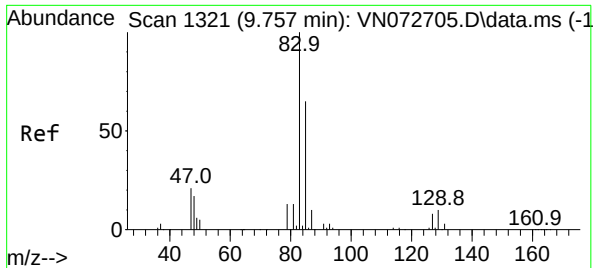
Delta R.T. -0.000 min

Lab File: VN072736.D

Acq: 09 Jun 2022 17:29

Tgt Ion: 93 Resp: 5961
 Ion Ratio Lower Upper
 93 100
 95 84.4 66.9 100.3
 174 73.3 86.6 130.0#





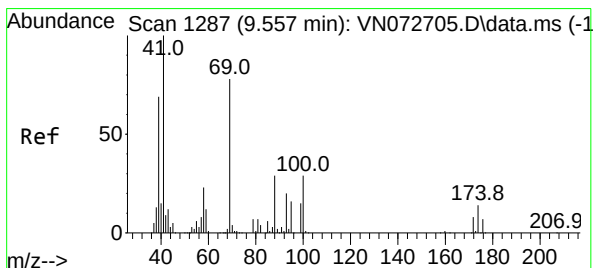
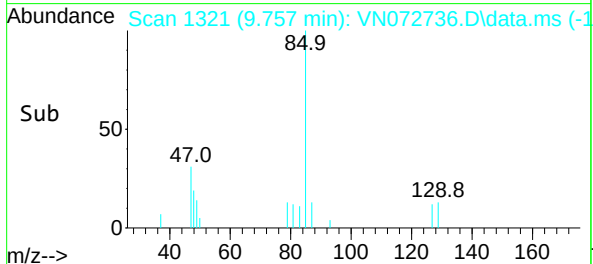
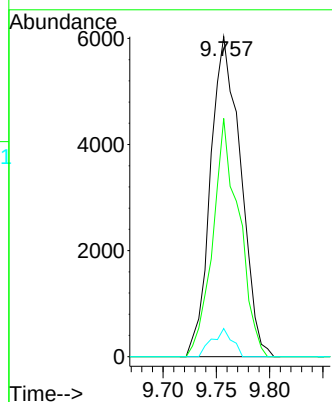
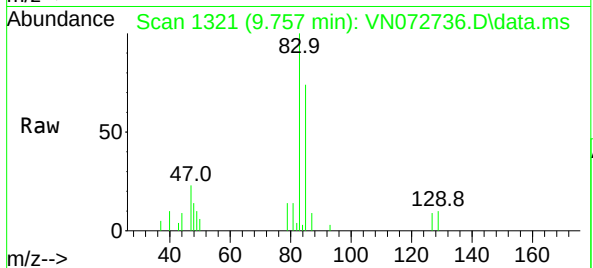
#47
Bromodichloromethane
Concen: 2.702 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2022

Tgt Ion: 83 Resp: 1186
Ion Ratio Lower Upper
83 100
85 74.5 50.5 75.7
127 8.8 6.8 10.2

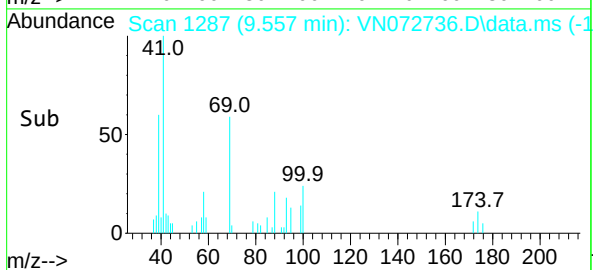
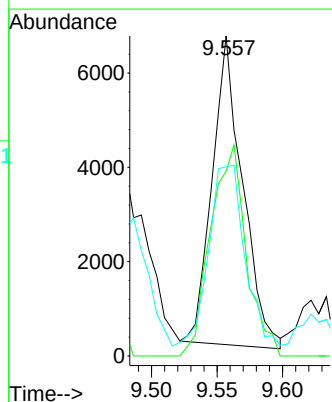
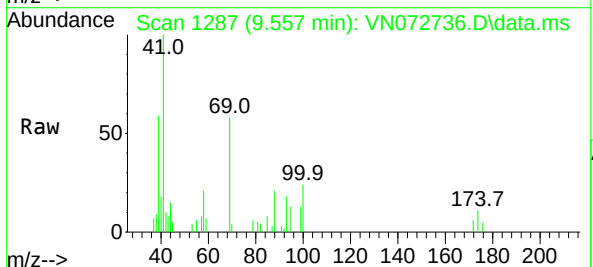
Manual Integrations
APPROVED

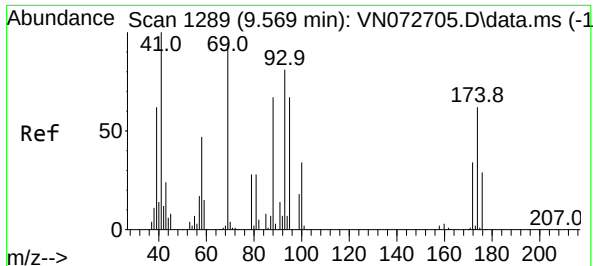
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#48
Methyl methacrylate
Concen: 2.469 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29

Tgt Ion: 41 Resp: 10535
Ion Ratio Lower Upper
41 100
69 80.0 74.7 112.1
39 79.0 45.6 68.4#





#49

1,4-Dioxane

Concen: 59.575 ug/l

RT: 9.569 min Scan# 1289

Delta R.T. -0.000 min

Lab File: VN072736.D

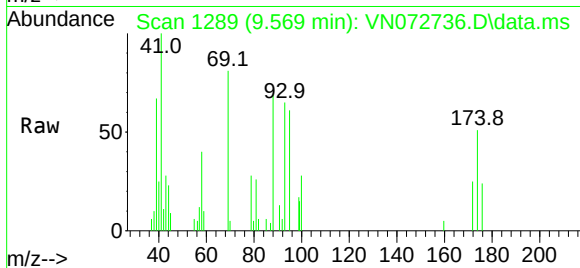
Acq: 09 Jun 2022 17:29

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2022

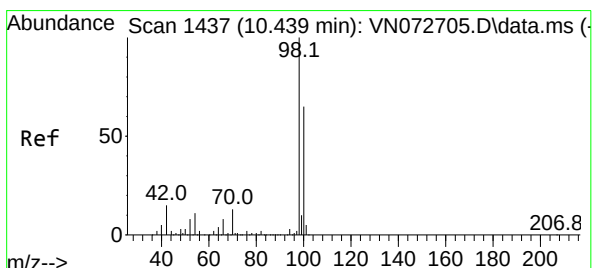
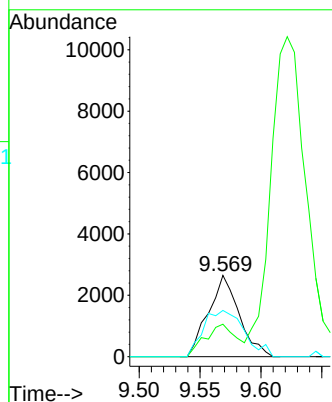
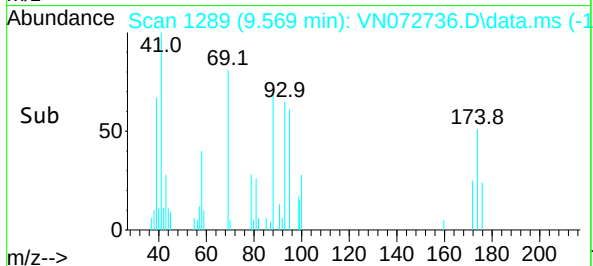


Tgt Ion: 88	Resp: 4640
Ion Ratio	Lower Upper
88	100
43	40.8 20.2 30.4
58	75.2 54.2 81.4

Manual Integrations
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Reviewed By :John Carlone 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#50

Toluene-d8

Concen: 51.337 ug/l

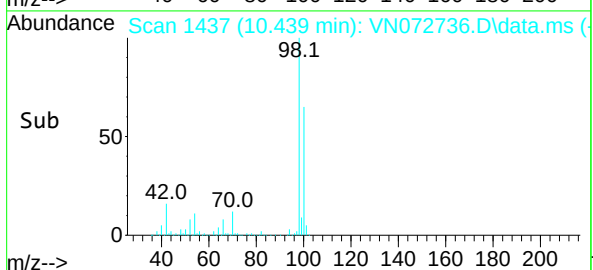
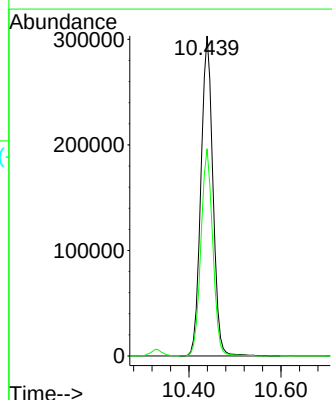
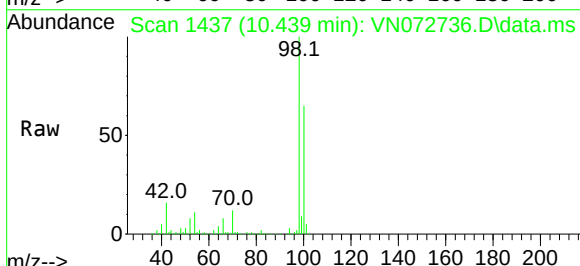
RT: 10.439 min Scan# 1437

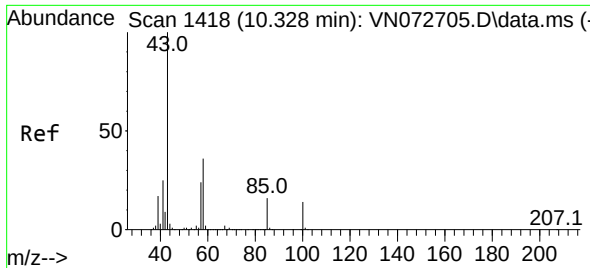
Delta R.T. 0.000 min

Lab File: VN072736.D

Acq: 09 Jun 2022 17:29

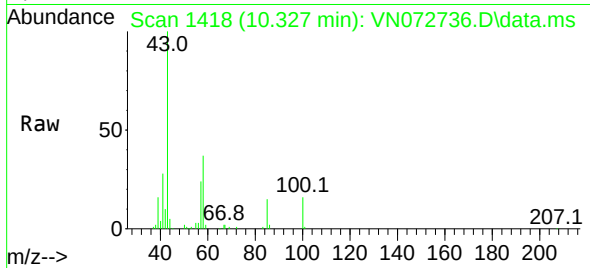
Tgt Ion: 98	Resp: 549935
Ion Ratio	Lower Upper
98	100
100	64.1 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 13.668 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.001 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29

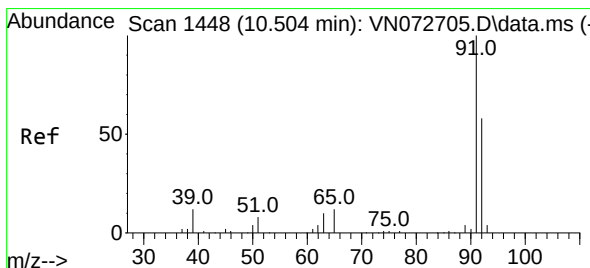
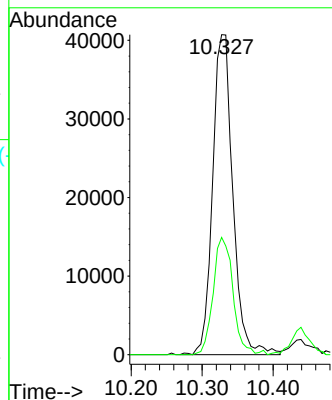
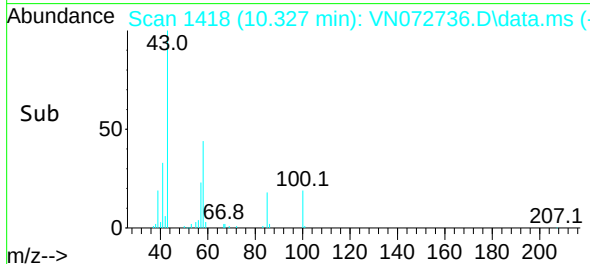
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2022



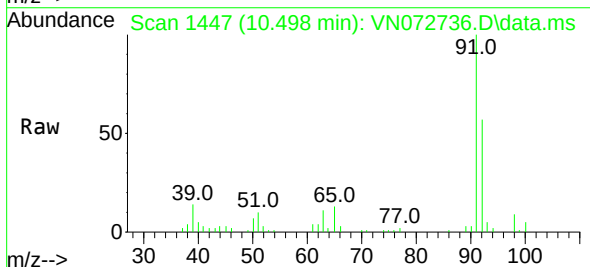
Tgt Ion: 43 Resp: 8026
Ion Ratio Lower Upper
43 100
58 35.9 34.1 51.1

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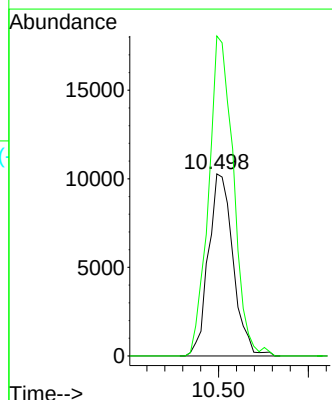
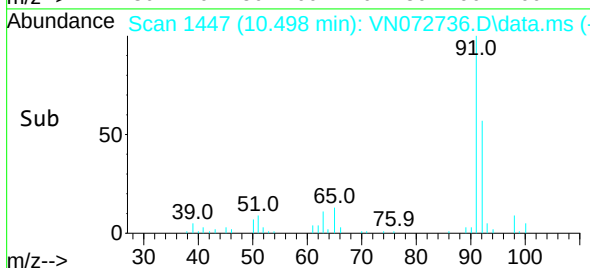
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

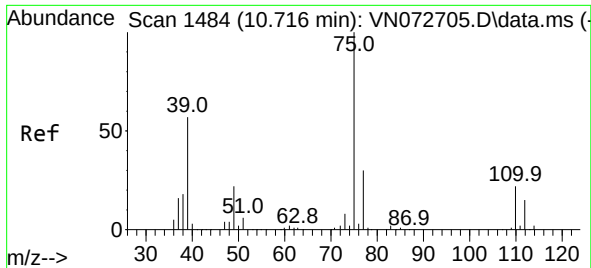


#52
Toluene
Concen: 2.773 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29



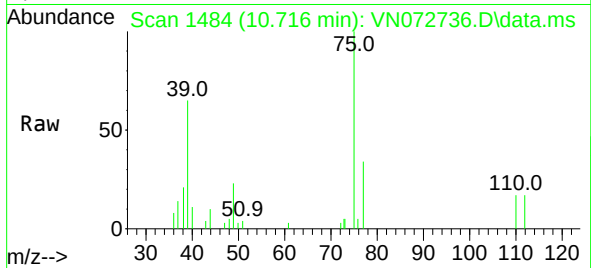
Tgt Ion: 92 Resp: 19583
Ion Ratio Lower Upper
92 100
91 177.3 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 2.525 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29

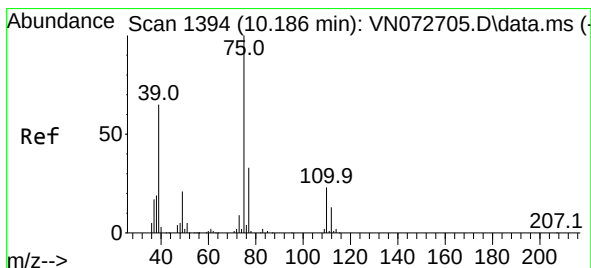
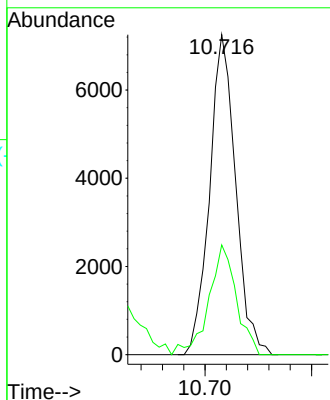
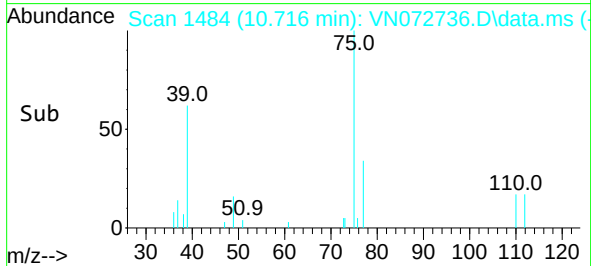
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2022



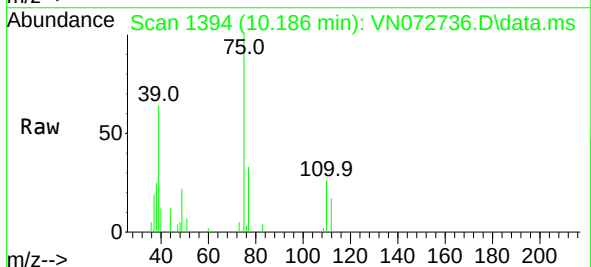
Tgt Ion: 75 Resp: 12310
Ion Ratio Lower Upper
75 100
77 34.3 25.6 38.4

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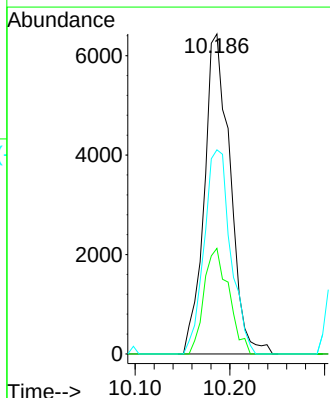
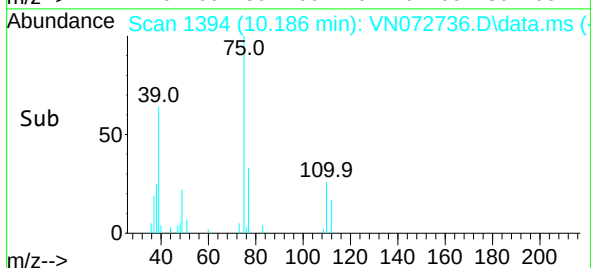
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

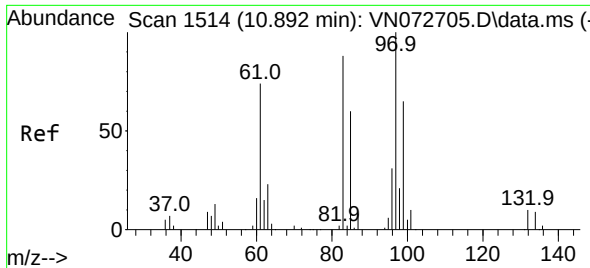


#54
cis-1,3-Dichloropropene
Concen: 2.417 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29



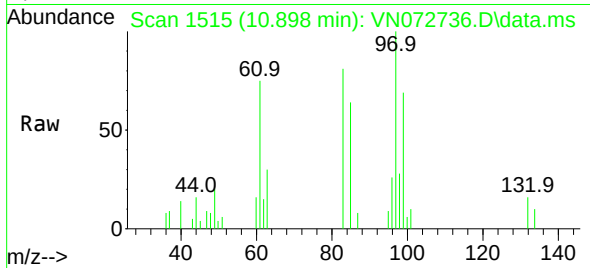
Tgt Ion: 75 Resp: 12185
Ion Ratio Lower Upper
75 100
77 33.0 25.2 37.8
39 63.8 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 2.686 ug/l
RT: 10.898 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29

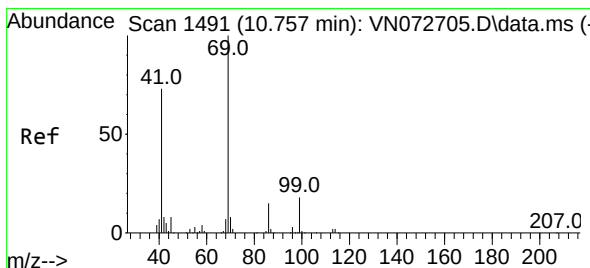
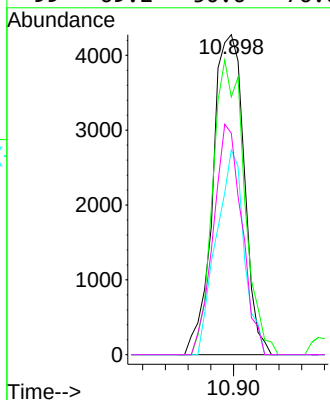
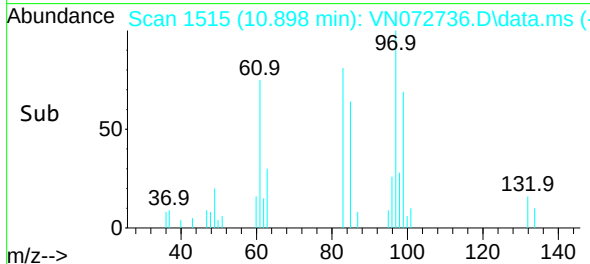
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2022



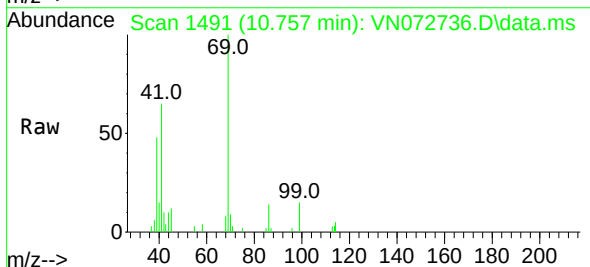
Tgt Ion: 97 Resp: 8184
Ion Ratio Lower Upper
97 100
83 80.5 66.2 99.4
85 64.0 43.9 65.9
99 69.2 50.6 76.0

Manual Integrations
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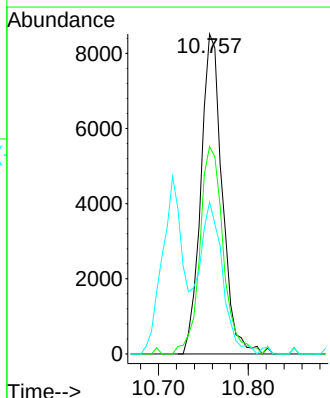
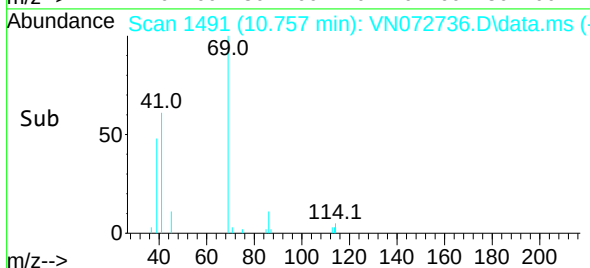
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

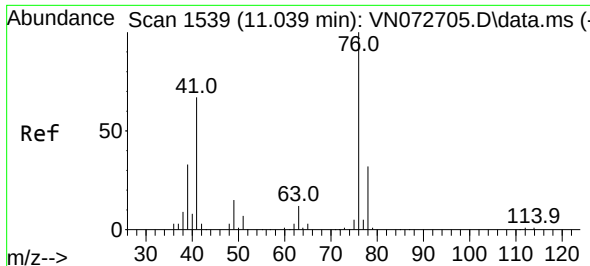


#56
Ethyl methacrylate
Concen: 2.619 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29



Tgt Ion: 69 Resp: 14113
Ion Ratio Lower Upper
69 100
41 71.0 47.8 71.6
39 52.2 27.3 40.9#





#57

1,3-Dichloropropane

Concen: 2.597 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN072736.D

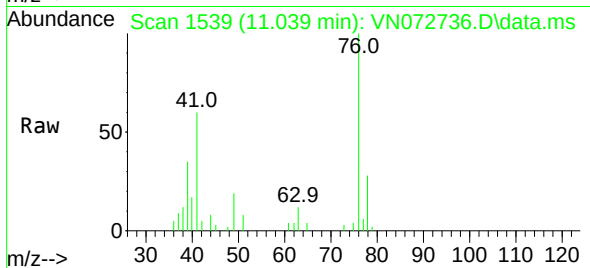
Acq: 09 Jun 2022 17:29

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2022



Tgt Ion: 76 Resp: 14129

Ion Ratio Lower Upper

76 100

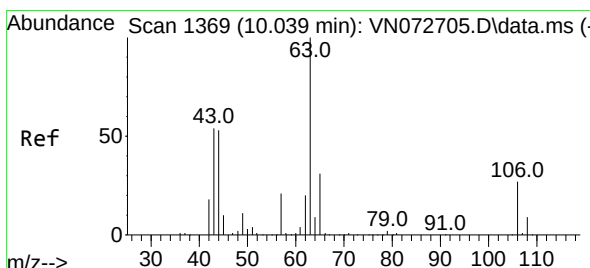
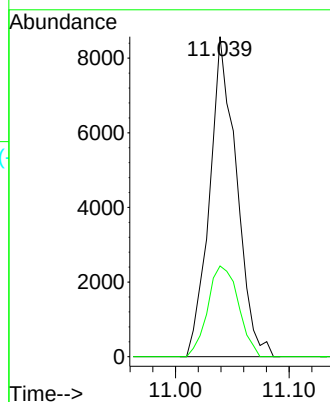
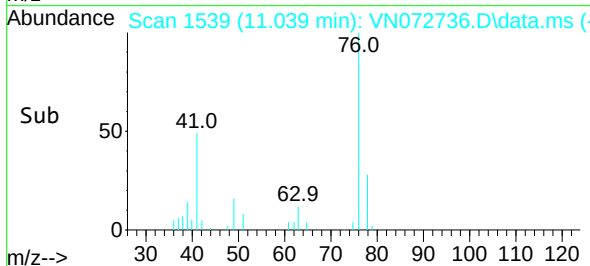
78 32.2 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#58

2-Chloroethyl Vinyl ether

Concen: 12.215 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VN072736.D

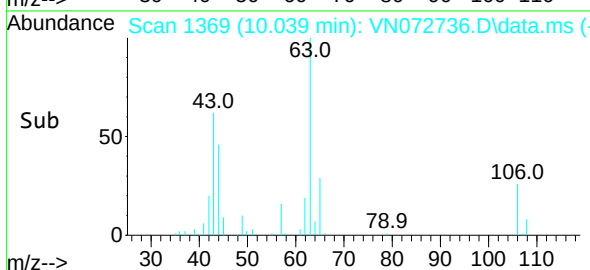
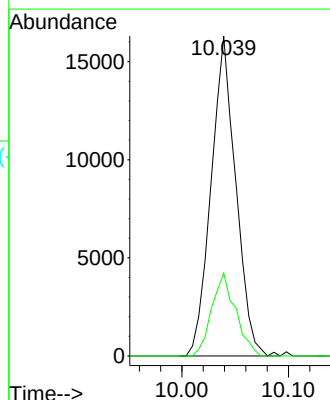
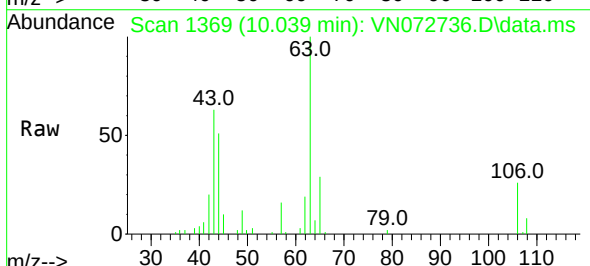
Acq: 09 Jun 2022 17:29

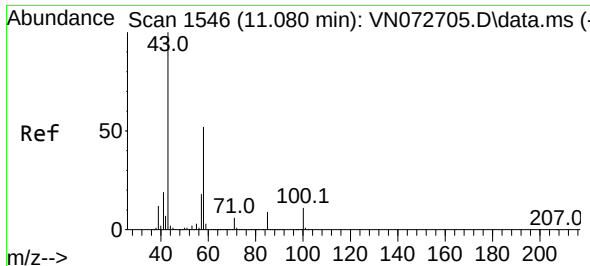
Tgt Ion: 63 Resp: 26237

Ion Ratio Lower Upper

63 100

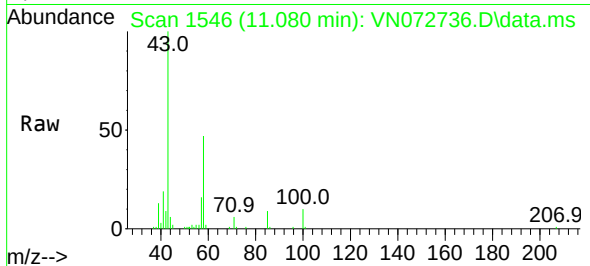
106 25.0 24.6 36.8





#59
2-Hexanone
Concen: 14.293 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29

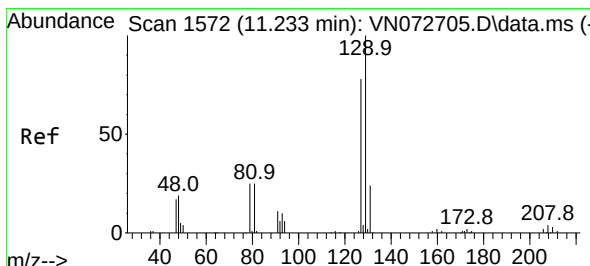
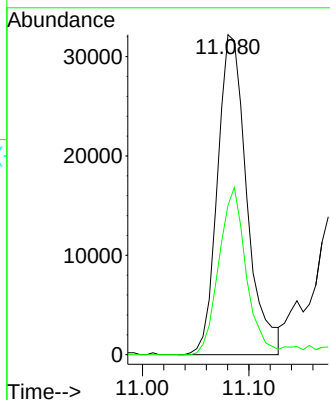
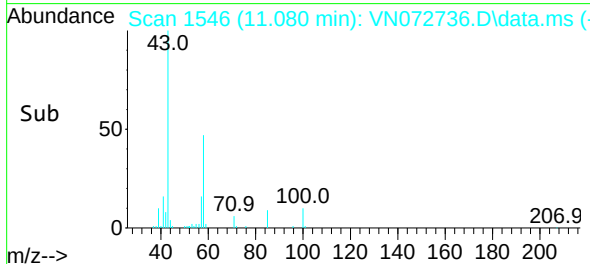
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion: 43 Resp: 61719
Ion Ratio Lower Upper
43 100
58 48.2 29.7 89.1

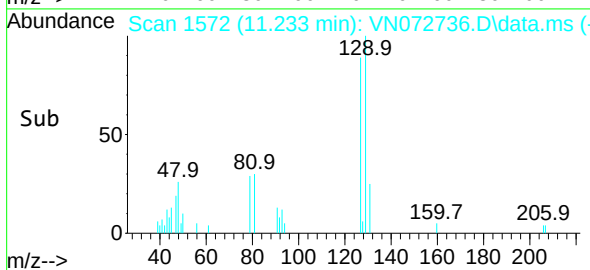
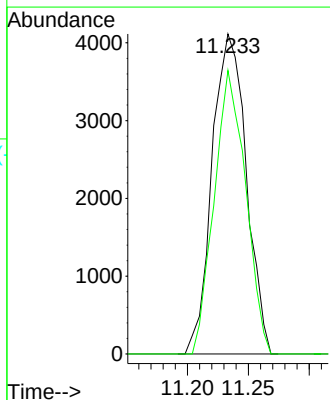
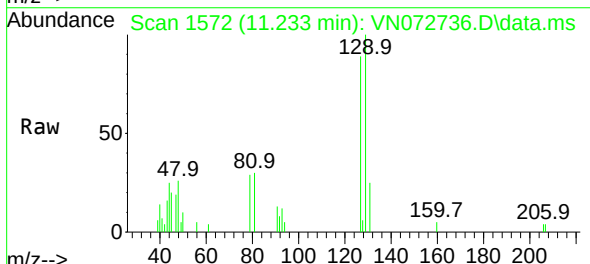
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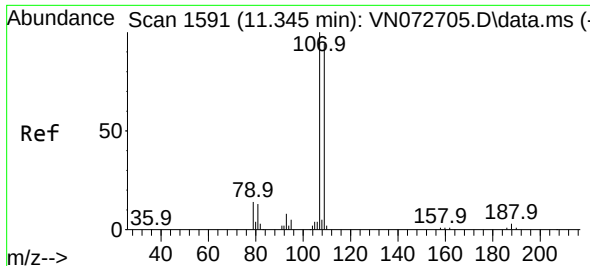
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#60
Dibromochloromethane
Concen: 2.541 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29

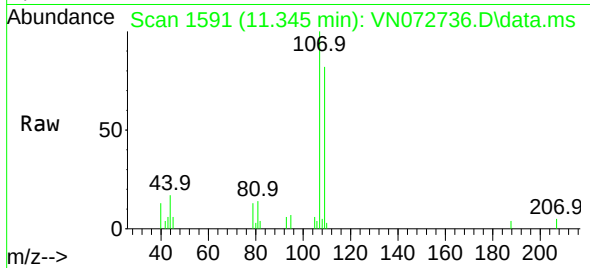
Tgt Ion:129 Resp: 8036
Ion Ratio Lower Upper
129 100
127 81.5 38.8 116.4





#61
1,2-Dibromoethane
Concen: 2.860 ug/l
RT: 11.345 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29

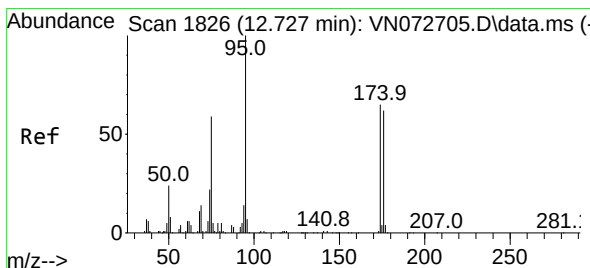
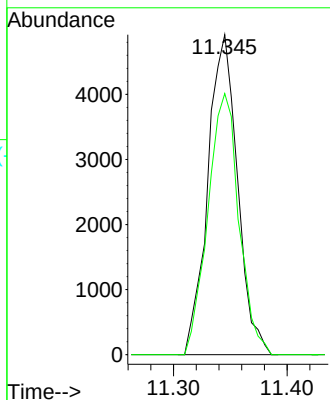
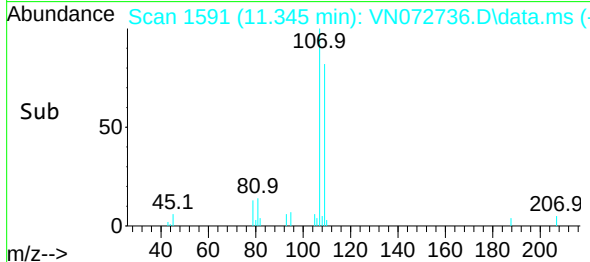
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



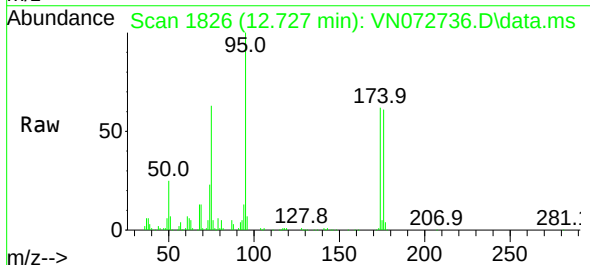
Tgt Ion:107 Resp: 8932
Ion Ratio Lower Upper
107 100
109 85.4 75.0 112.6

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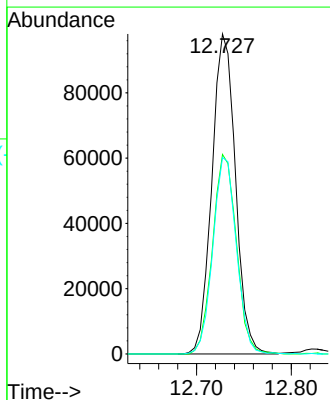
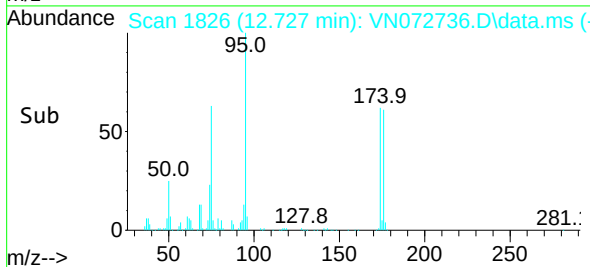
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

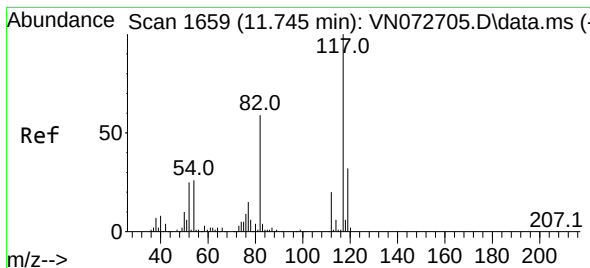


#62
4-Bromofluorobenzene
Concen: 46.169 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29



Tgt Ion: 95 Resp: 169713
Ion Ratio Lower Upper
95 100
174 63.0 0.0 167.6
176 61.4 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN072736.D

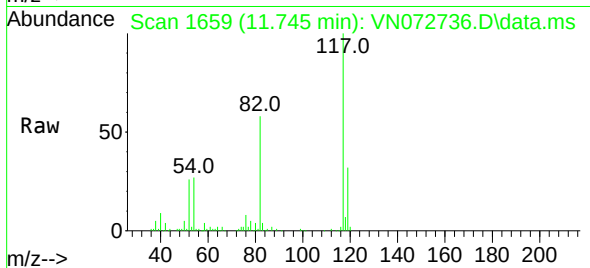
Acq: 09 Jun 2022 17:29

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2022



Tgt Ion:117 Resp: 283820

Ion Ratio Lower Upper

117 100

82 57.6 44.2 66.2

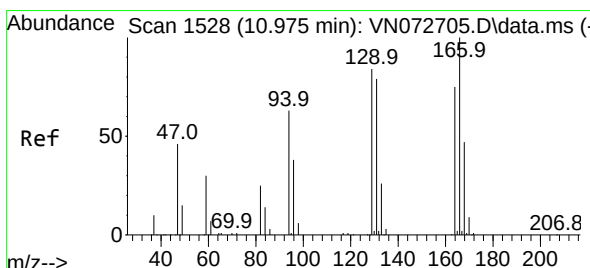
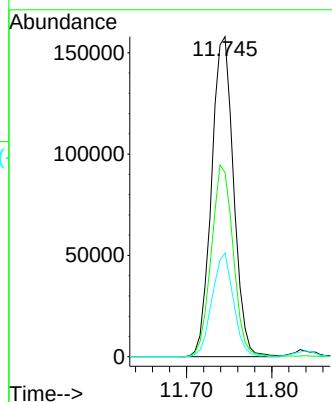
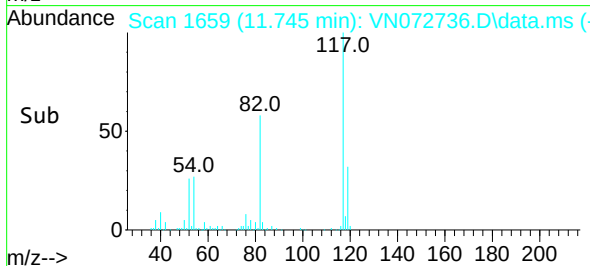
119 32.4 25.4 38.0

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APPROVED

Reviewed By :John Carlone 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#64

Tetrachloroethene

Concen: 2.645 ug/l

RT: 10.975 min Scan# 1528

Delta R.T. -0.000 min

Lab File: VN072736.D

Acq: 09 Jun 2022 17:29

Tgt Ion:164 Resp: 6321

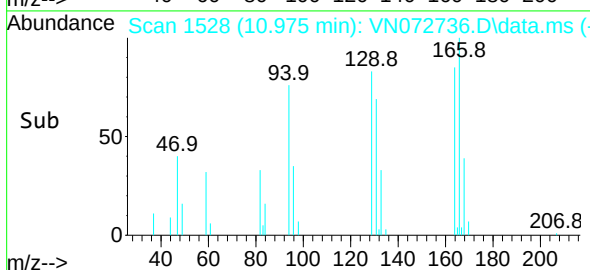
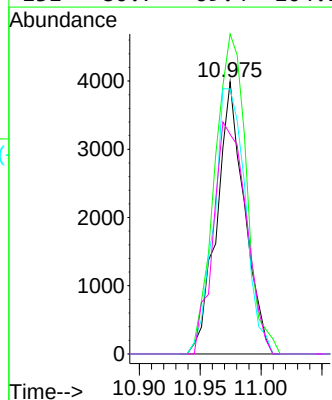
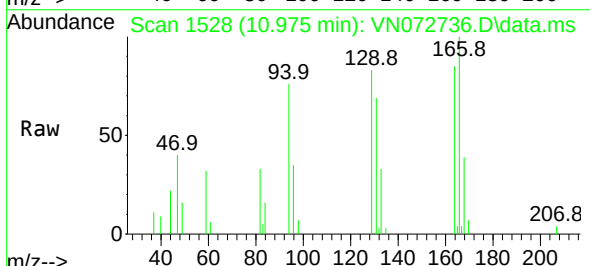
Ion Ratio Lower Upper

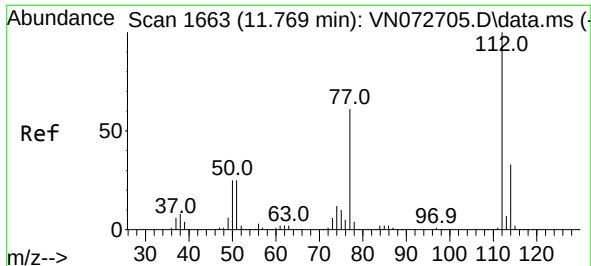
164 100

166 117.6 104.2 156.2

129 97.4 73.9 110.9

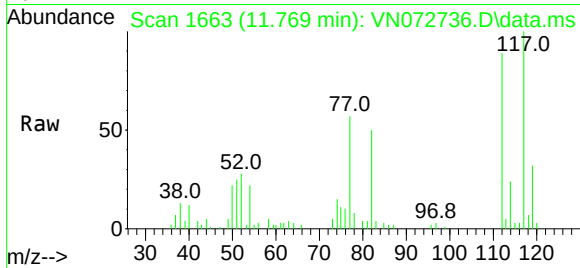
131 80.7 69.4 104.2





#65
Chlorobenzene
Concen: 2.675 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. -0.000 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29

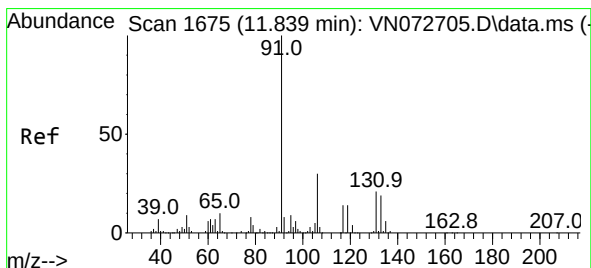
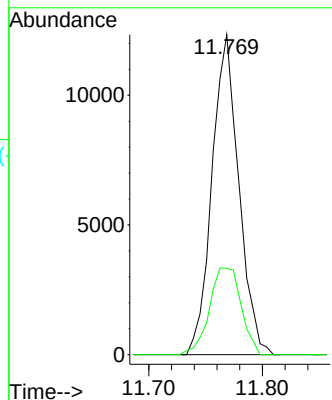
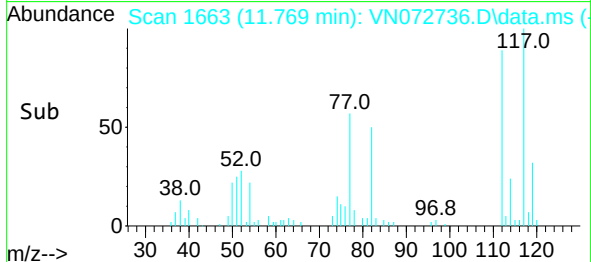
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2022



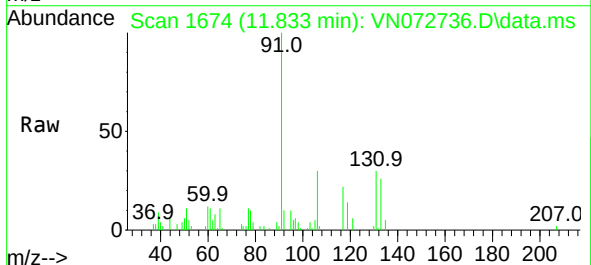
Tgt Ion:112 Resp: 2023
Ion Ratio Lower Upper
112 100
114 27.0 25.4 38.2

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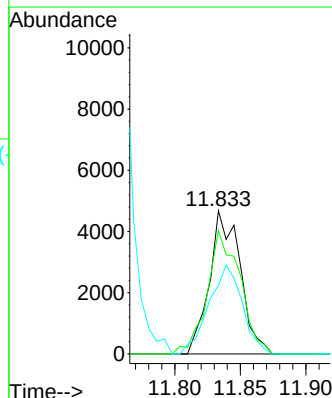
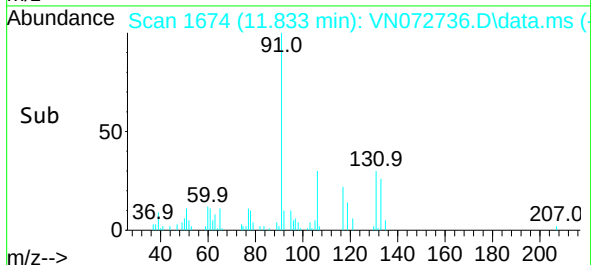
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

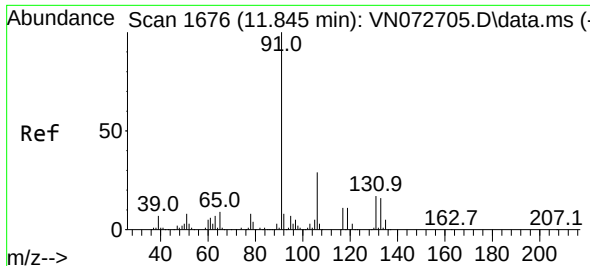


#66
1,1,1,2-Tetrachloroethane
Concen: 2.533 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29



Tgt Ion:131 Resp: 7622
Ion Ratio Lower Upper
131 100
133 92.0 47.8 143.4
119 67.1 33.4 100.2





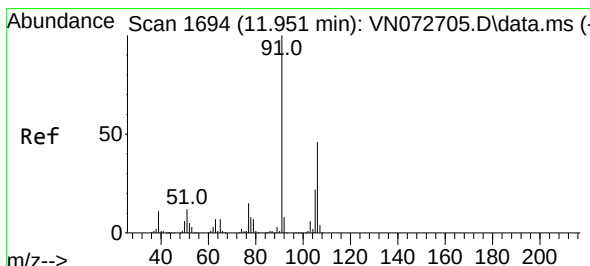
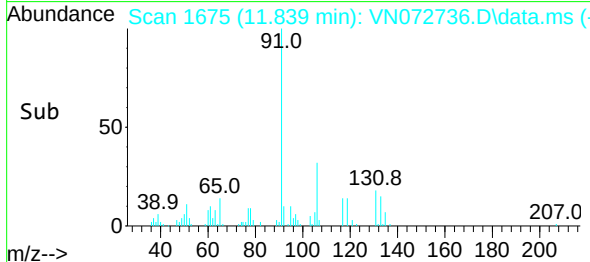
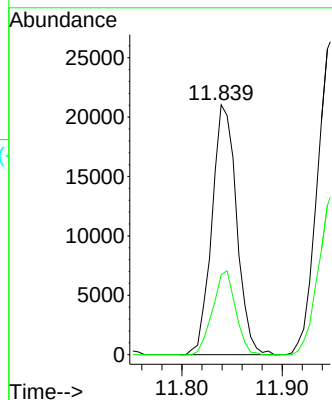
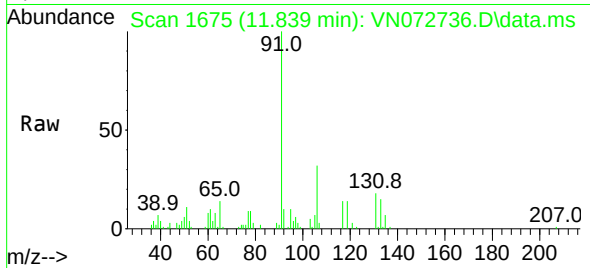
#67
Ethyl Benzene
Concen: 2.528 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022

Tgt Ion: 91 Resp: 35940
Ion Ratio Lower Upper
91 100
106 32.0 24.9 37.3

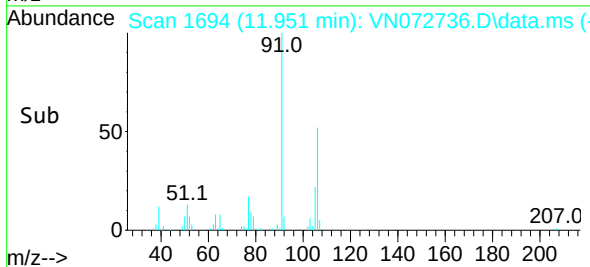
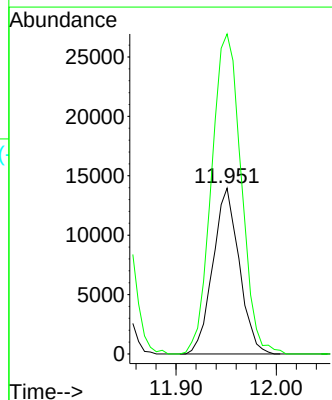
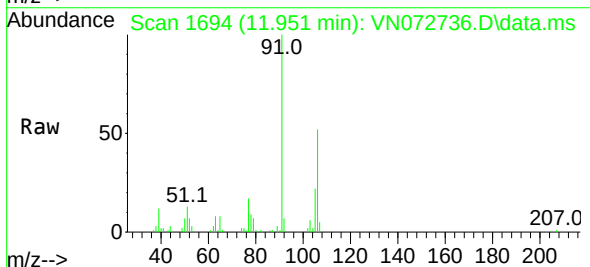
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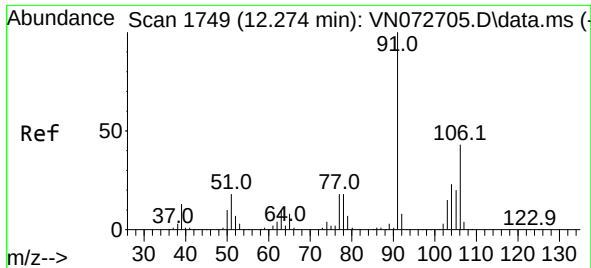
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#68
m/p-Xylenes
Concen: 5.037 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29

Tgt Ion:106 Resp: 25456
Ion Ratio Lower Upper
106 100
91 217.3 158.9 238.3





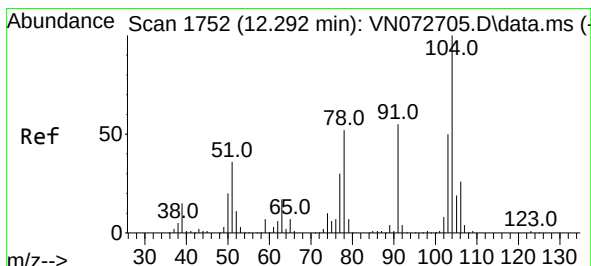
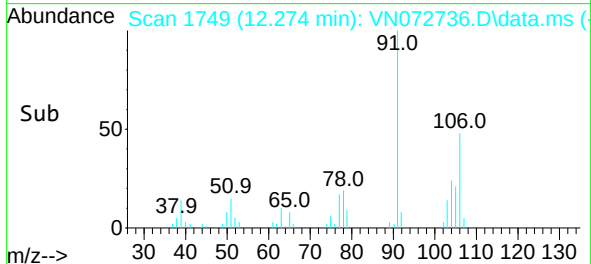
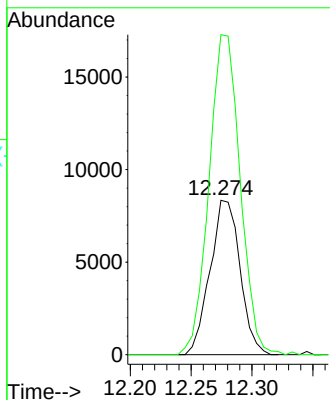
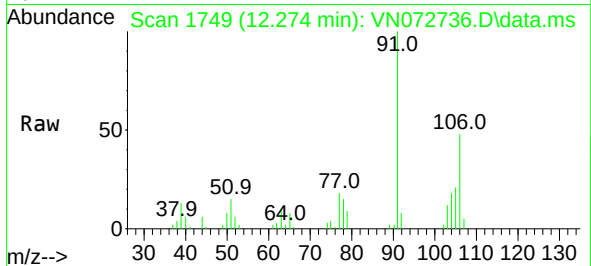
#69
o-Xylene
Concen: 2.818 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022

Tgt Ion:106 Resp: 14318
Ion Ratio Lower Upper
106 100
91 215.0 106.0 318.0

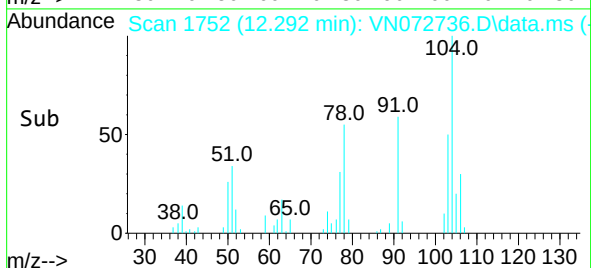
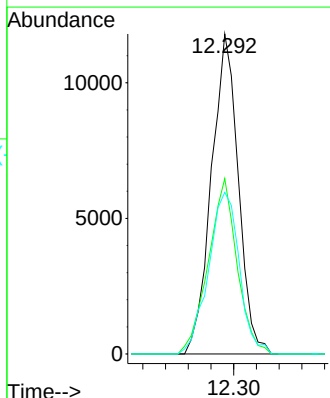
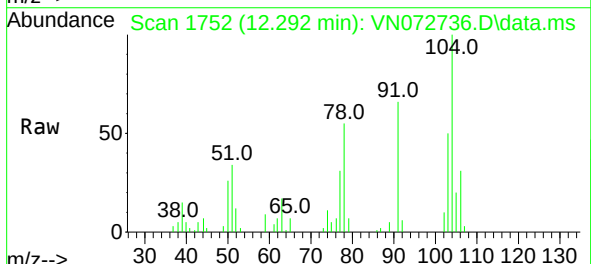
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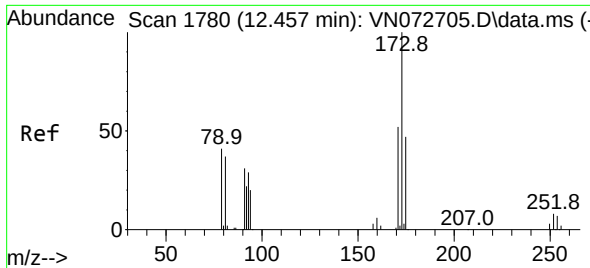
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#70
Styrene
Concen: 2.431 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29

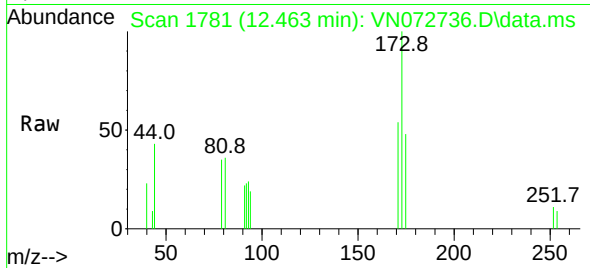
Tgt Ion:104 Resp: 19411
Ion Ratio Lower Upper
104 100
78 58.5 39.5 59.3
103 57.8 44.0 66.0





#71
Bromoform
Concen: 2.305 ug/l
RT: 12.463 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29

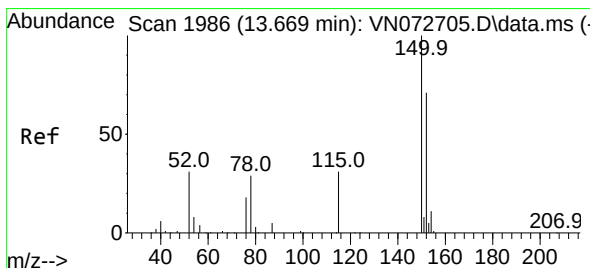
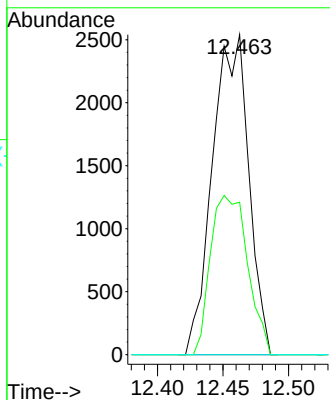
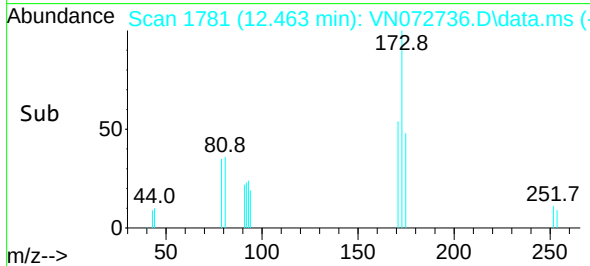
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



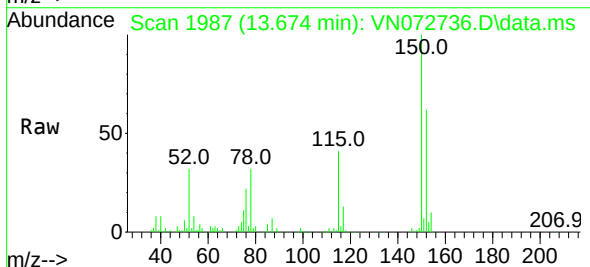
Tgt Ion:173 Resp: 487
Ion Ratio Lower Upper
173 100
175 51.0 24.6 73.6
254 0.0 0.1 0.1

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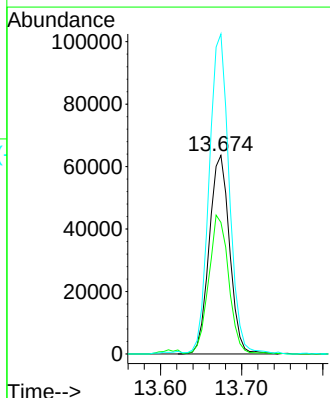
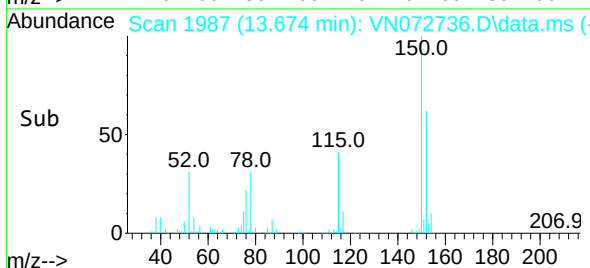
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

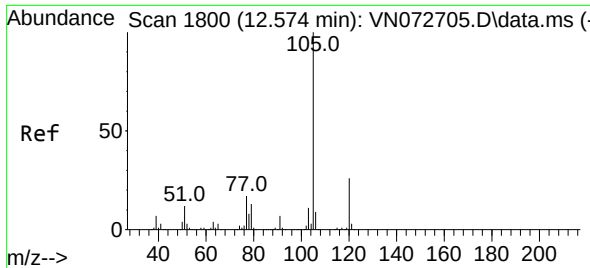


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.005 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29



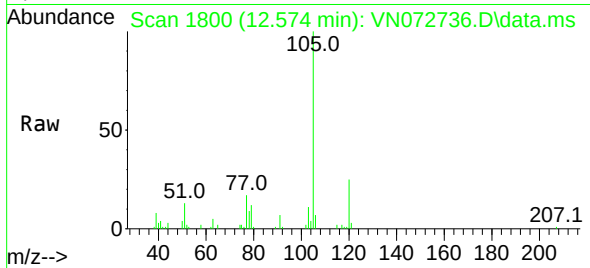
Tgt Ion:152 Resp: 110766
Ion Ratio Lower Upper
152 100
115 68.9 28.9 86.7
150 158.7 0.0 356.2





#73
Isopropylbenzene
Concen: 2.803 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29

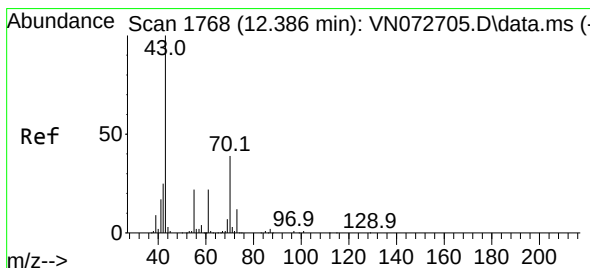
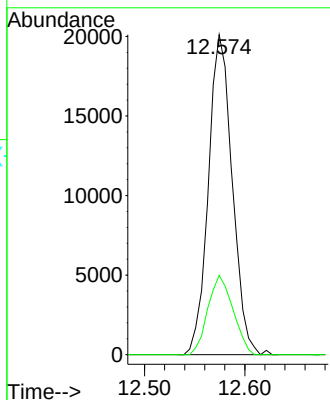
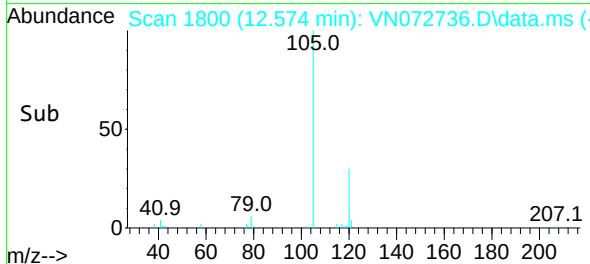
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



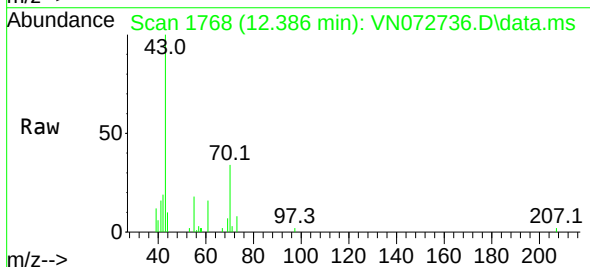
Tgt Ion: 105 Resp: 3330
Ion Ratio Lower Upper
105 100
120 26.0 13.5 40.4

Manual Integrations
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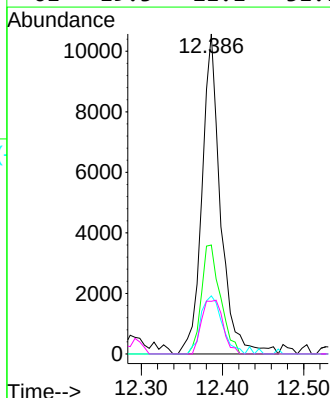
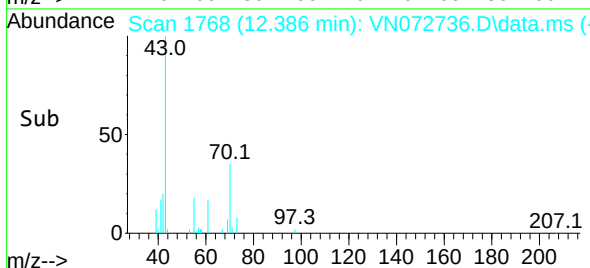
Reviewed By : John Carlone 06/10/2022
Supervised By : Mahesh Dadoda 06/10/2022

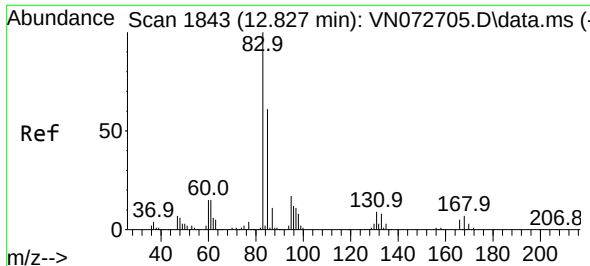


#74
N-ethyl acetate
Concen: 3.041 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29



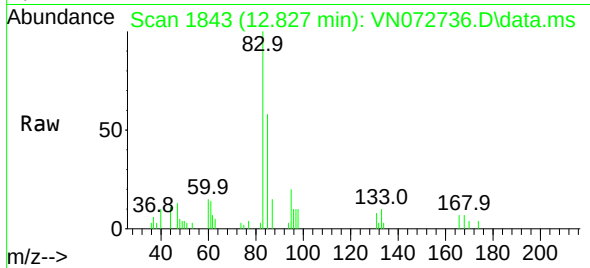
Tgt Ion: 43 Resp: 16793
Ion Ratio Lower Upper
43 100
70 34.6 39.0 58.4#
55 20.8 21.1 31.7#
61 19.3 21.1 31.7#





#75
1,1,2,2-Tetrachloroethane
Concen: 3.088 ug/l
RT: 12.827 min Scan# 1843
Delta R.T. 0.000 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29

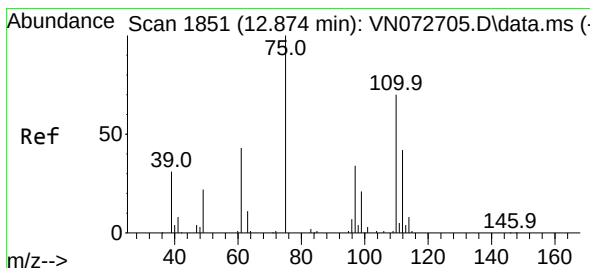
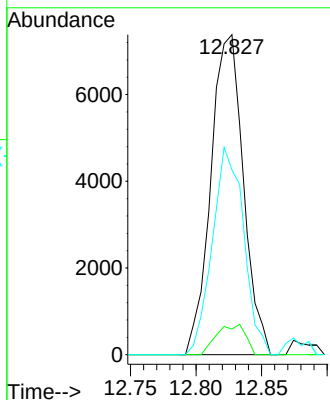
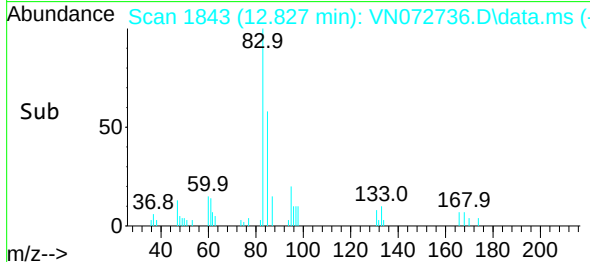
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2022



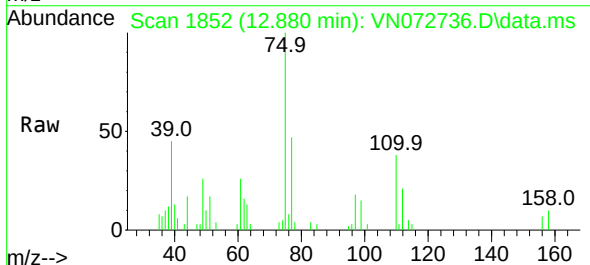
Tgt Ion: 83 Resp: 12738
Ion Ratio Lower Upper
83 100
131 8.4 5.3 15.9
85 62.4 32.3 96.9

Manual Integrations
APPROVED

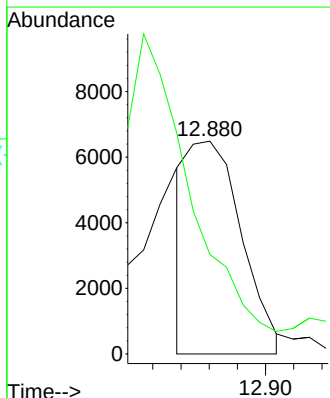
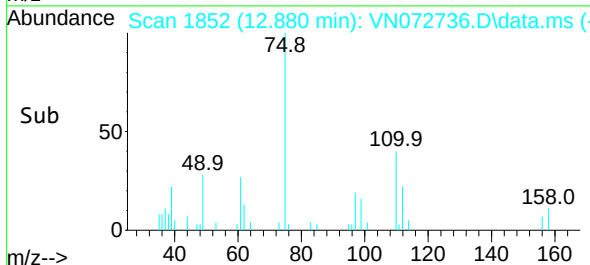
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

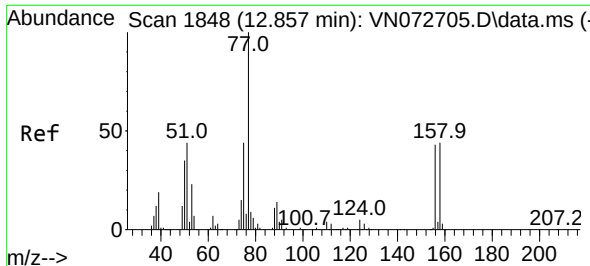


#76
1,2,3-Trichloropropane
Concen: 2.405 ug/l m
RT: 12.880 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29



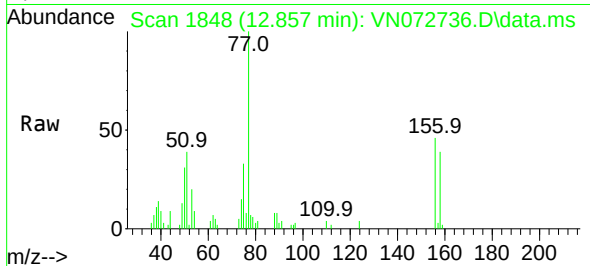
Tgt Ion: 75 Resp: 8597
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 2.680 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29

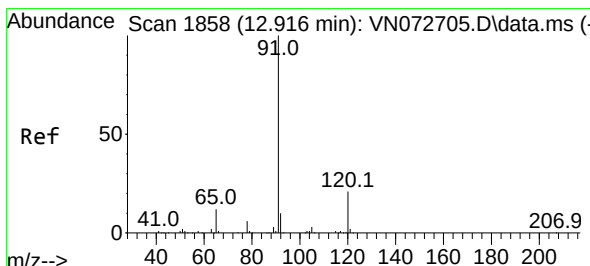
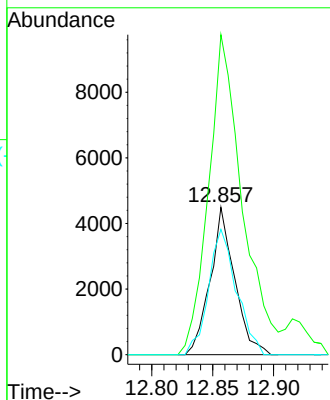
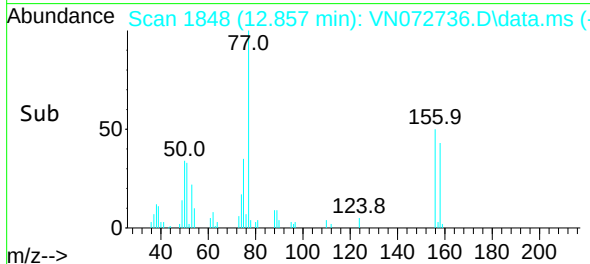
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2022



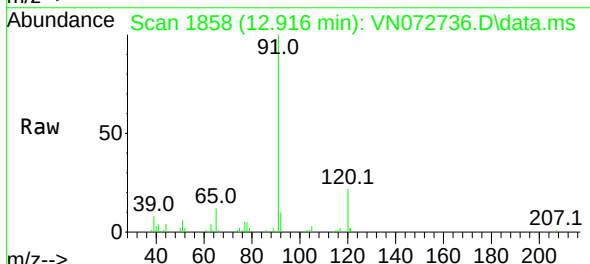
Tgt Ion:156 Resp: 6278
Ion Ratio Lower Upper
156 100
77 298.7 100.5 301.5
158 97.2 48.9 146.6

Manual Integrations
APPROVED

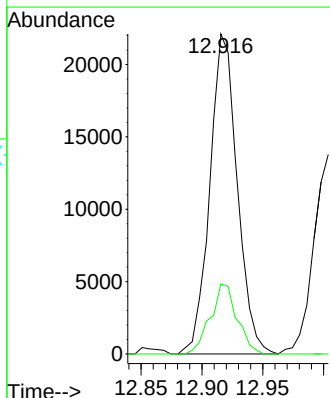
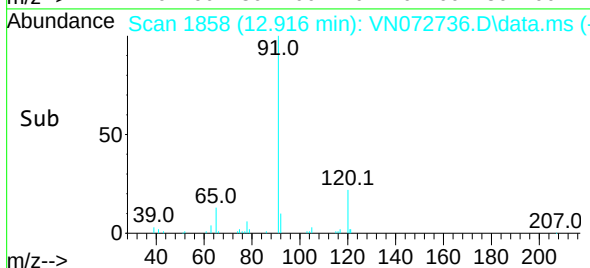
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

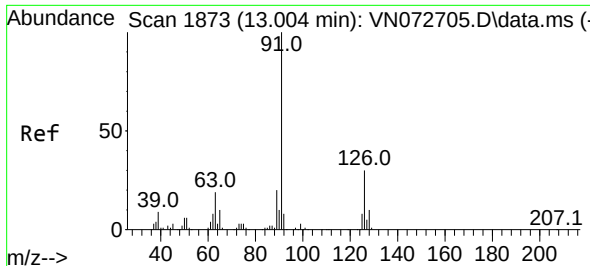


#78
n-propylbenzene
Concen: 2.671 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29



Tgt Ion: 91 Resp: 34645
Ion Ratio Lower Upper
91 100
120 21.3 11.9 35.5





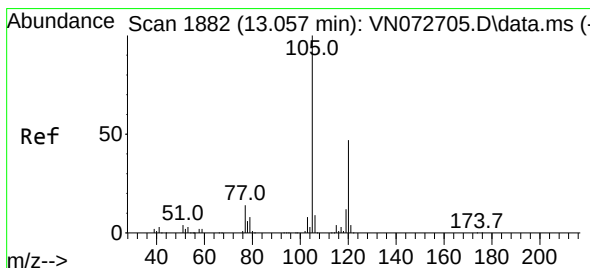
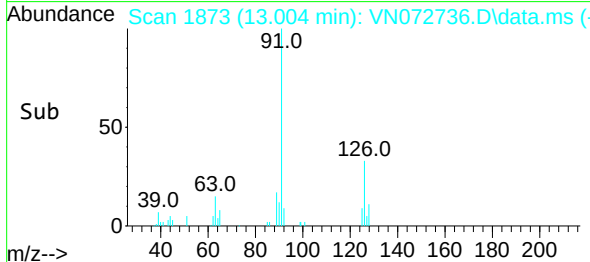
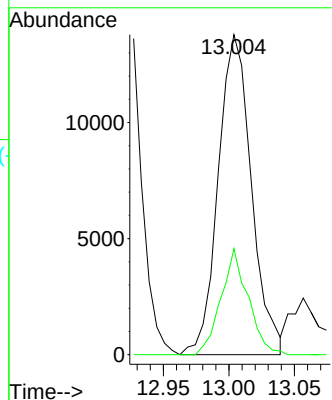
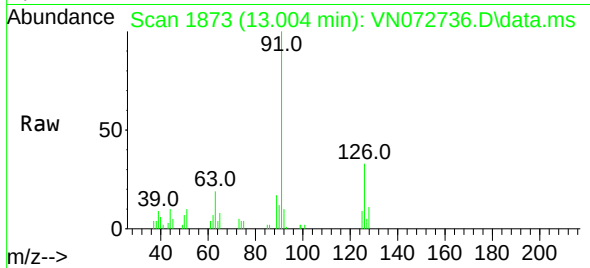
#79
2-Chlorotoluene
Concen: 2.985 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2022

Tgt Ion: 91 Resp: 2429
Ion Ratio Lower Upper
91 100
126 27.0 17.3 51.9

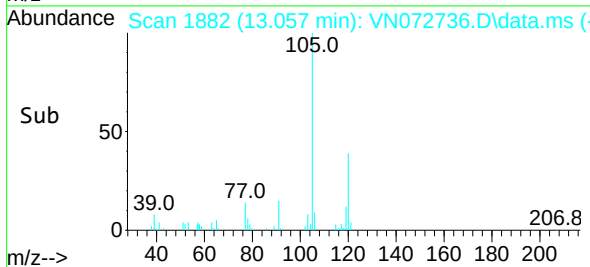
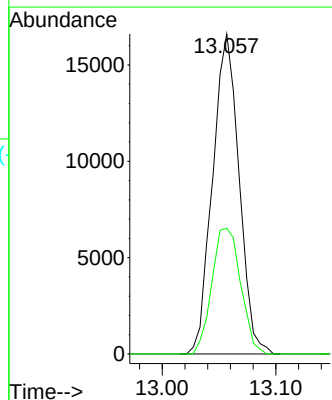
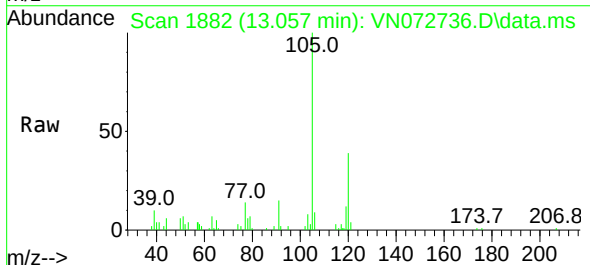
Manual Integrations
APPROVED

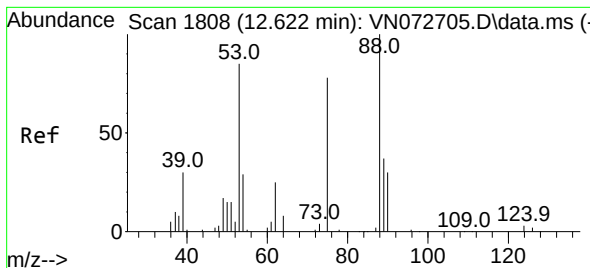
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#80
1,3,5-Trimethylbenzene
Concen: 2.854 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29

Tgt Ion:105 Resp: 26868
Ion Ratio Lower Upper
105 100
120 42.6 24.9 74.7





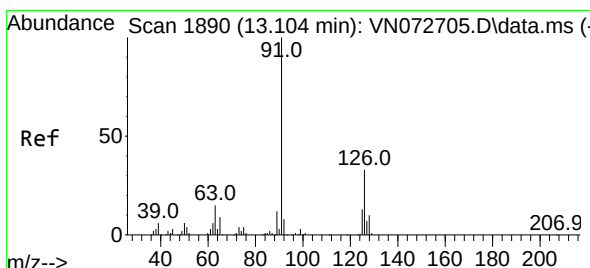
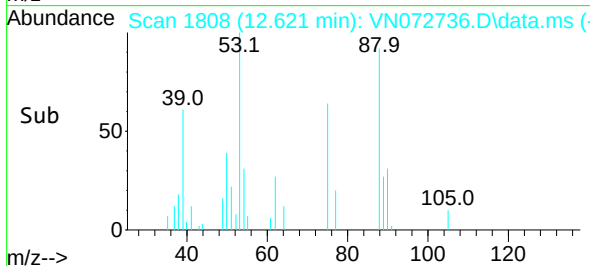
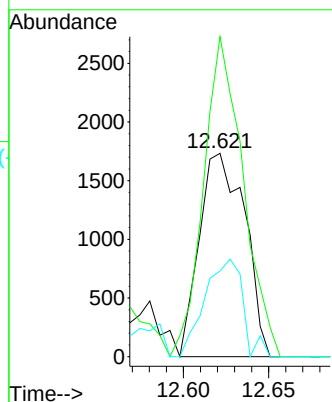
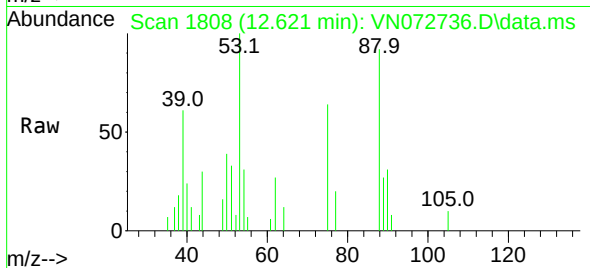
#81
trans-1,4-Dichloro-2-butene
Concen: 2.350 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.001 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2022

Tgt Ion: 75 Resp: 321
Ion Ratio Lower Upper
75 100
53 136.9 78.0 117.0
89 40.3 37.2 55.8

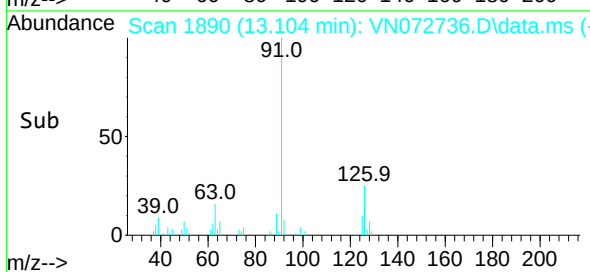
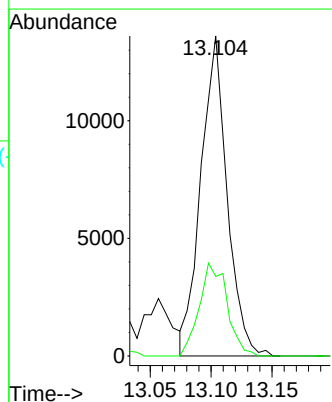
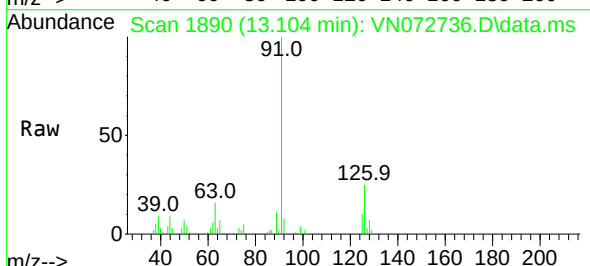
Manual Integrations
APPROVED

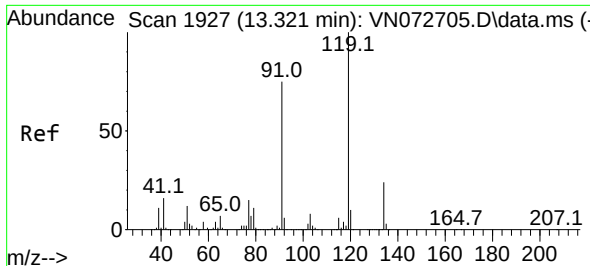
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#82
4-Chlorotoluene
Concen: 2.711 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29

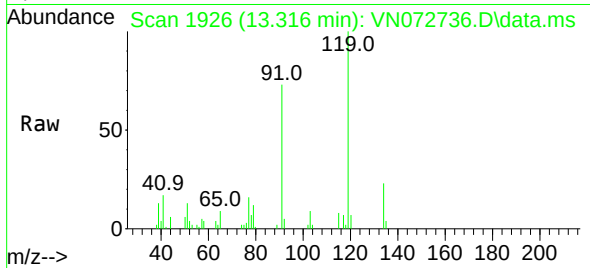
Tgt Ion: 91 Resp: 20374
Ion Ratio Lower Upper
91 100
126 30.8 17.2 51.6





#83
tert-Butylbenzene
Concen: 2.740 ug/l
RT: 13.316 min Scan# 1926
Delta R.T. -0.005 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29

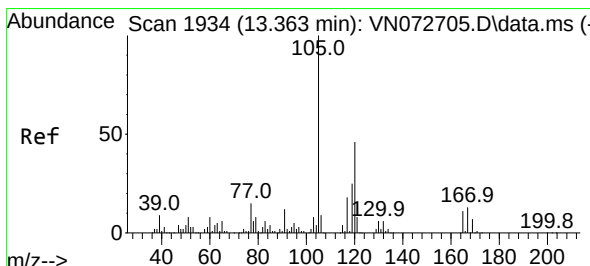
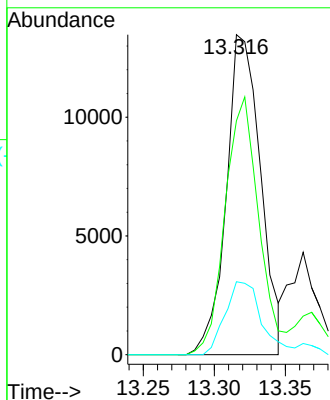
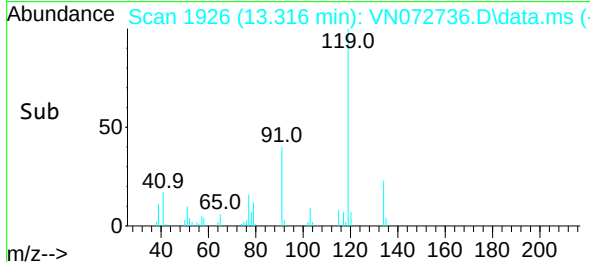
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2022



Tgt Ion:119 Resp: 22659
Ion Ratio Lower Upper
119 100
91 79.3 31.6 94.8
134 24.3 13.7 41.1

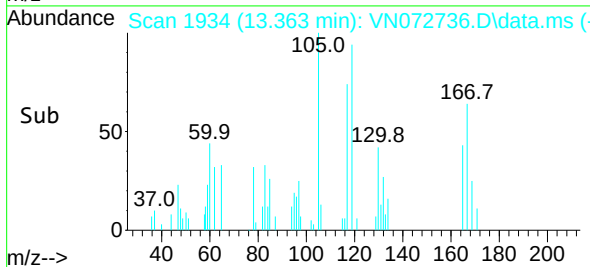
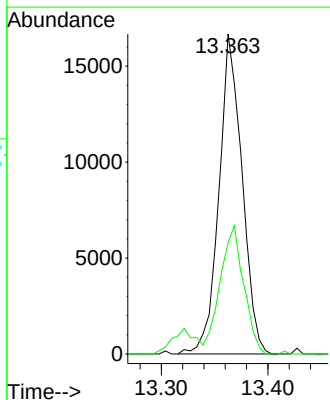
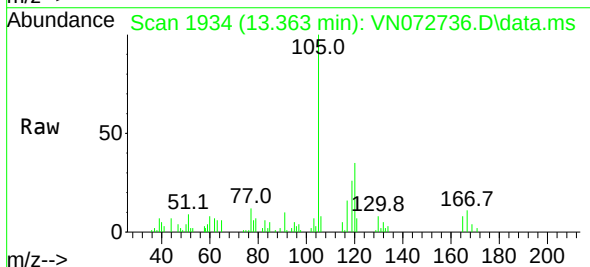
Manual Integrations
APPROVED

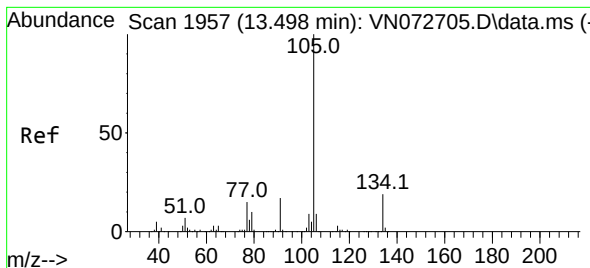
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#84
1,2,4-Trimethylbenzene
Concen: 2.781 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29

Tgt Ion:105 Resp: 25047
Ion Ratio Lower Upper
105 100
120 41.0 23.3 69.8





#85

sec-Butylbenzene

Concen: 2.620 ug/l

RT: 13.498 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VN072736.D

Acq: 09 Jun 2022 17:29

Instrument :

MSVOA_N

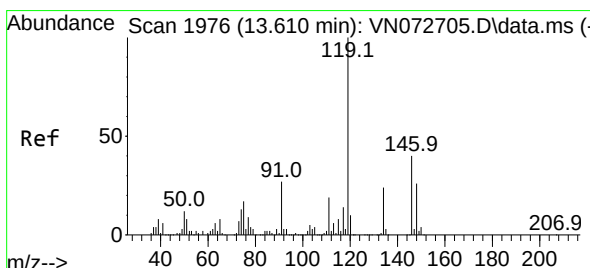
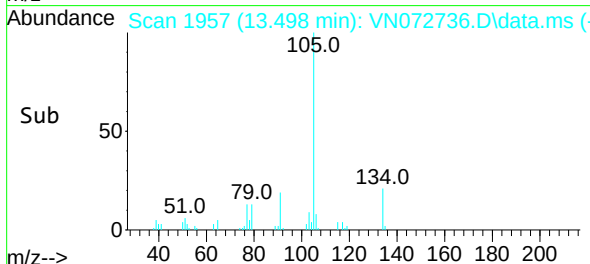
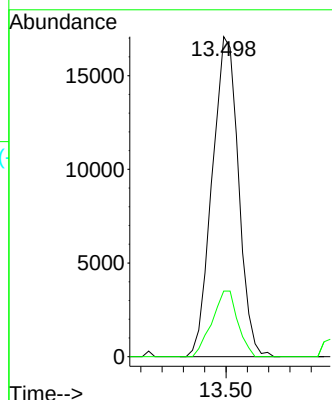
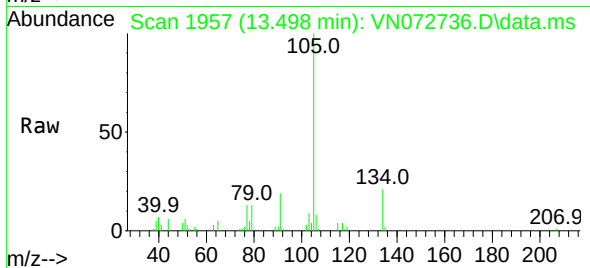
ClientSampleId :

MDL-WATER-03-QT2-2022

Tgt Ion:105 Resp: 2923
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.4 31.1

Manual Integrations
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Reviewed By :John Carlone 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022



#86

p-Isopropyltoluene

Concen: 2.584 ug/l

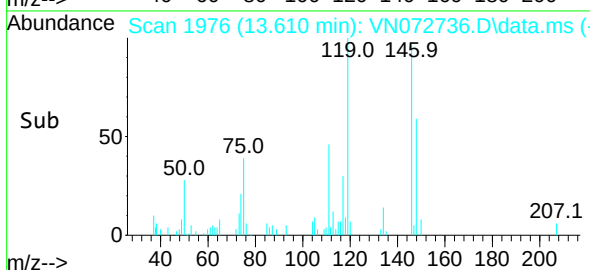
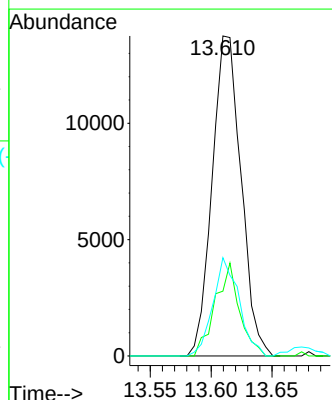
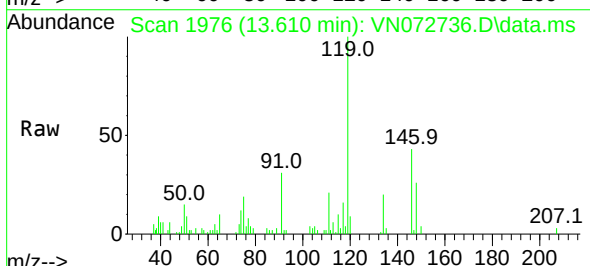
RT: 13.610 min Scan# 1976

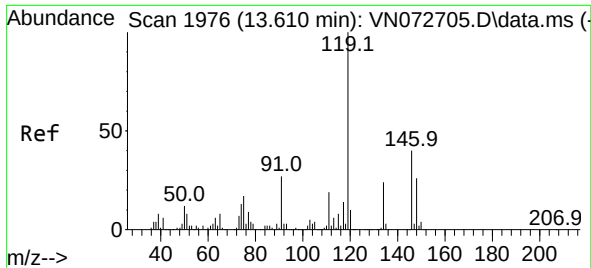
Delta R.T. -0.000 min

Lab File: VN072736.D

Acq: 09 Jun 2022 17:29

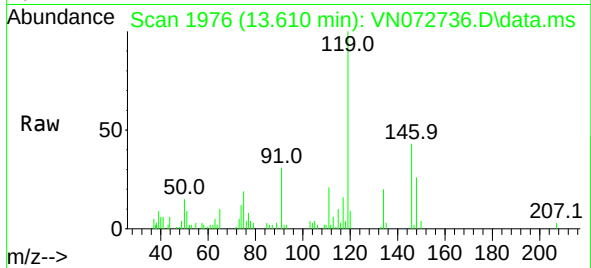
Tgt Ion:119 Resp: 22682
 Ion Ratio Lower Upper
 119 100
 134 24.3 13.3 39.8
 91 27.8 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 2.617 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29

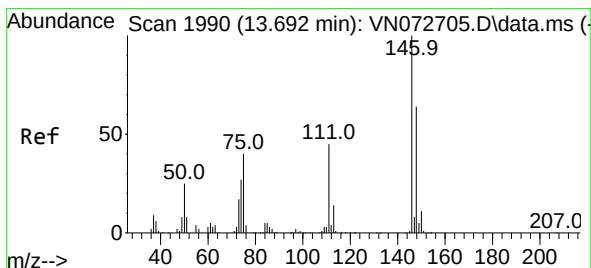
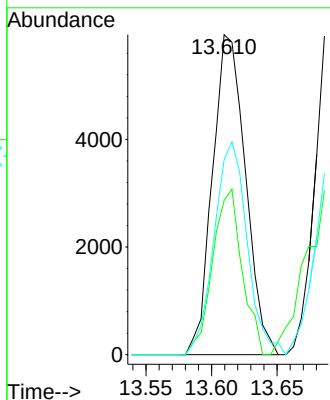
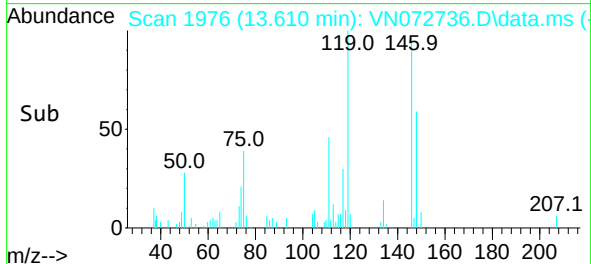
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2022



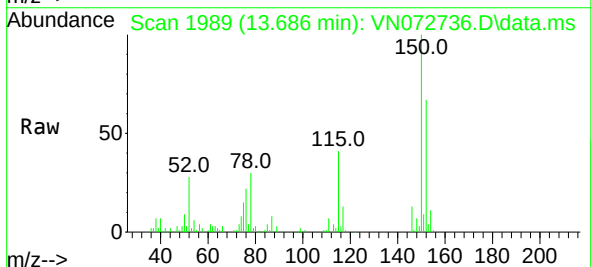
Tgt Ion:146 Resp: 10409
Ion Ratio Lower Upper
146 100
111 46.2 20.0 60.0
148 66.4 32.0 96.0

Manual Integrations
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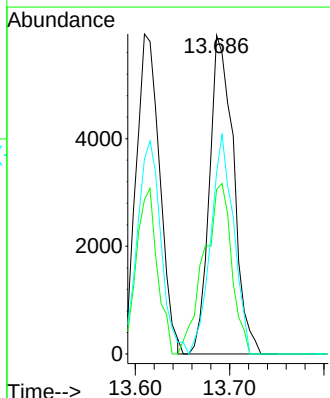
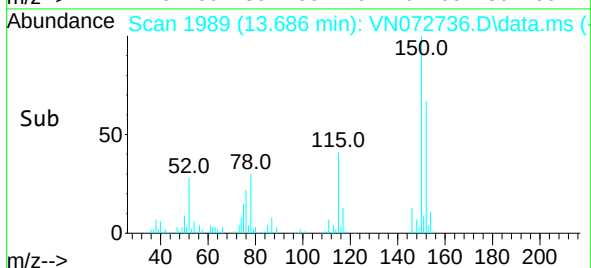
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

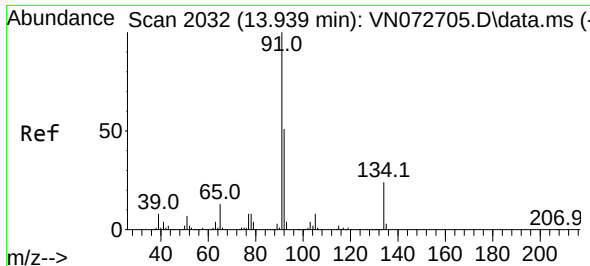


#88
1,4-Dichlorobenzene
Concen: 2.686 ug/l m
RT: 13.686 min Scan# 1989
Delta R.T. -0.006 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29



Tgt Ion:146 Resp: 10470
Ion Ratio Lower Upper
146 100
111 45.9 19.1 57.1
148 66.0 31.4 94.3





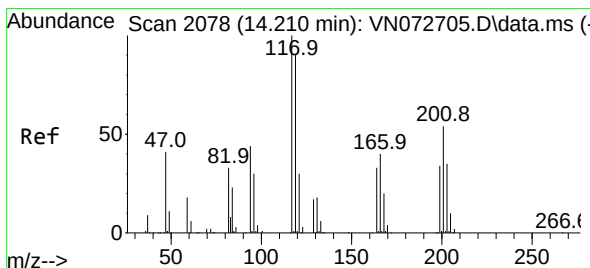
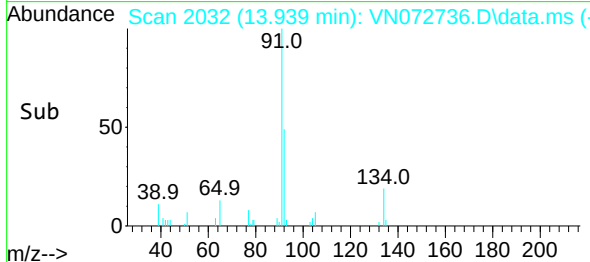
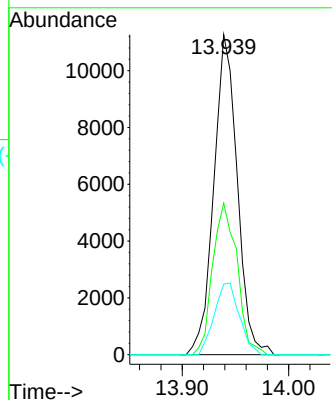
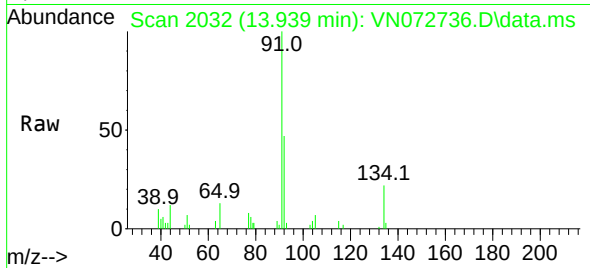
#89
n-Butylbenzene
Concen: 2.327 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022

Tgt Ion: 91 Resp: 17210
Ion Ratio Lower Upper
91 100
92 49.2 26.9 80.7
134 23.9 13.6 40.8

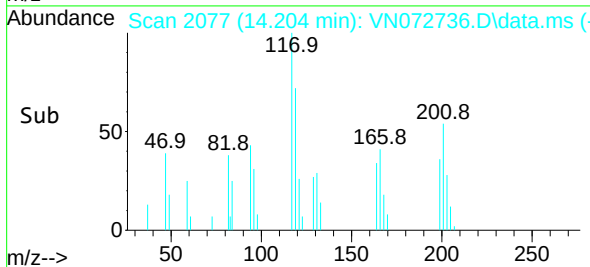
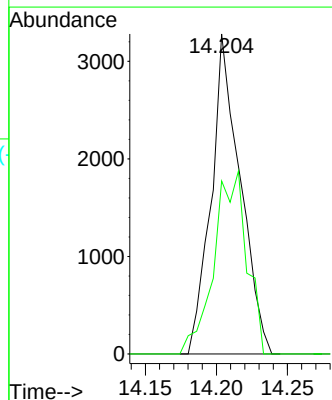
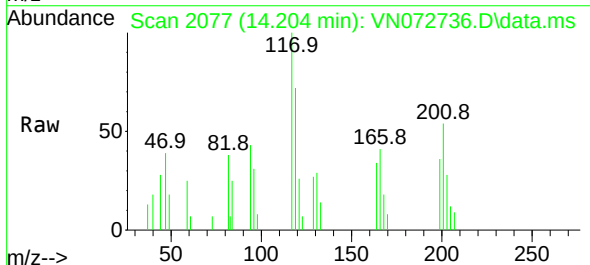
Manual Integrations
APPROVED

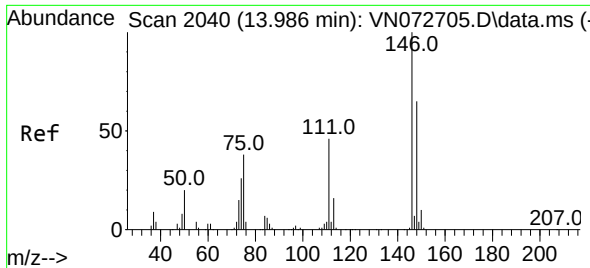
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#90
Hexachloroethane
Concen: 2.451 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.006 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29

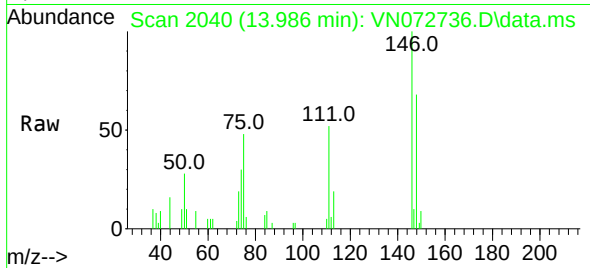
Tgt Ion:117 Resp: 4655
Ion Ratio Lower Upper
117 100
201 64.5 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 2.668 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29

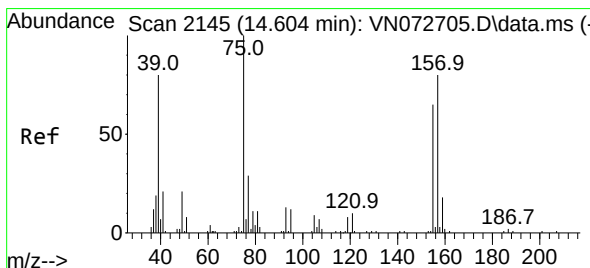
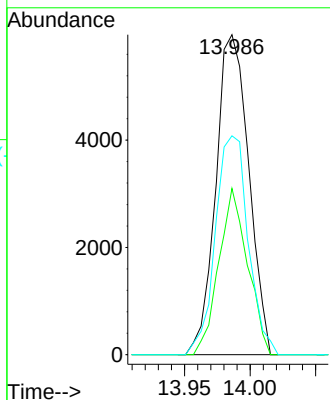
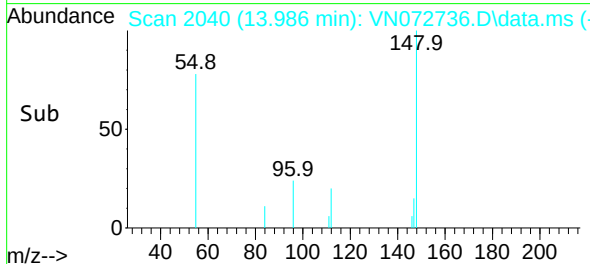
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion:146 Resp: 1040
Ion Ratio Lower Upper
146 100
111 45.5 20.9 62.8
148 68.5 32.1 96.3

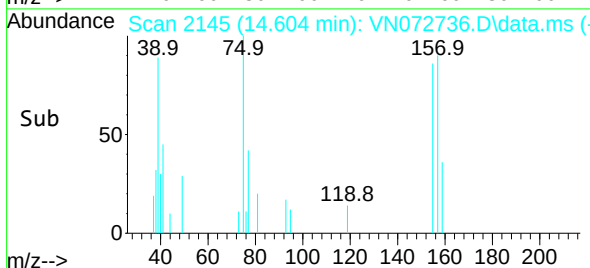
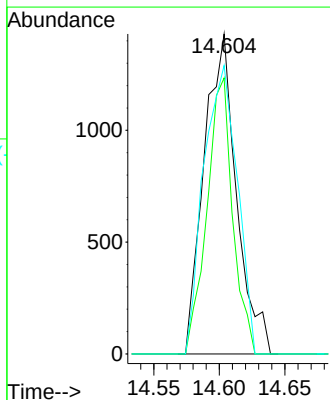
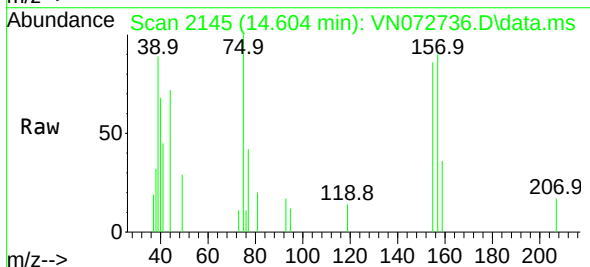
Manual Integrations
APPROVED

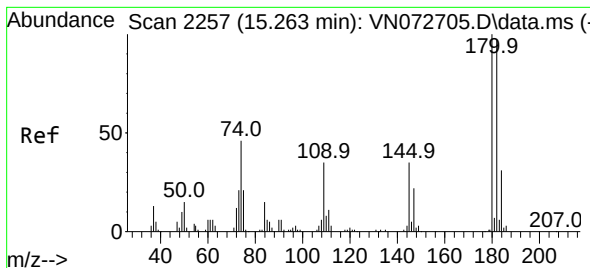
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.467 ug/l
RT: 14.604 min Scan# 2145
Delta R.T. -0.000 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29

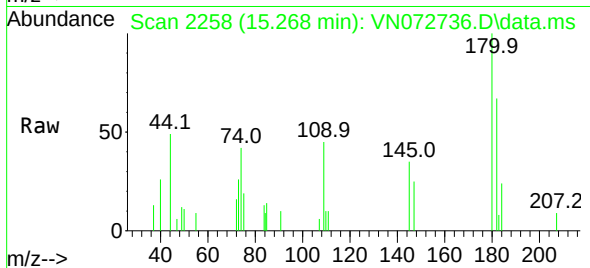
Tgt Ion: 75 Resp: 2458
Ion Ratio Lower Upper
75 100
155 68.7 44.9 134.5
157 93.1 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 2.193 ug/l
RT: 15.268 min Scan# 211
Delta R.T. 0.005 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29

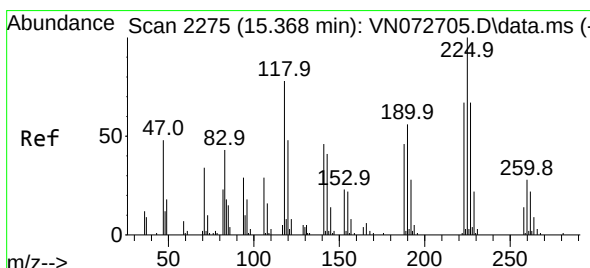
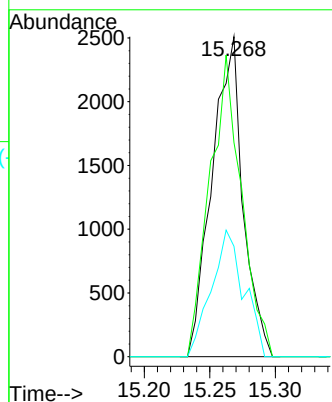
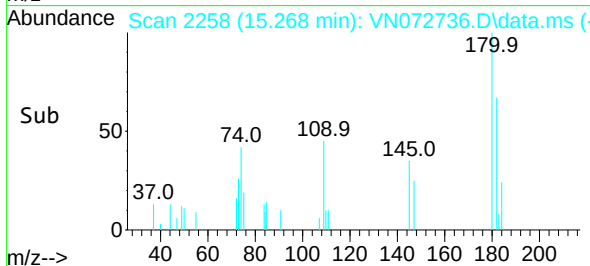
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2022



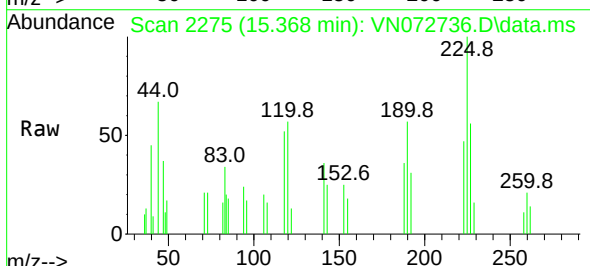
Tgt Ion:180 Resp: 411
Ion Ratio Lower Upper
180 100
182 96.7 47.5 142.5
145 41.7 14.5 43.5

Manual Integrations
APPROVED

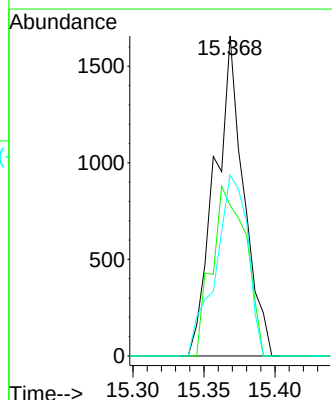
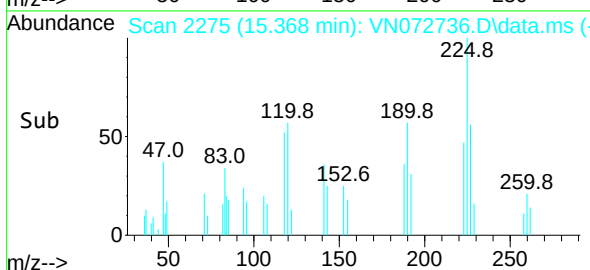
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

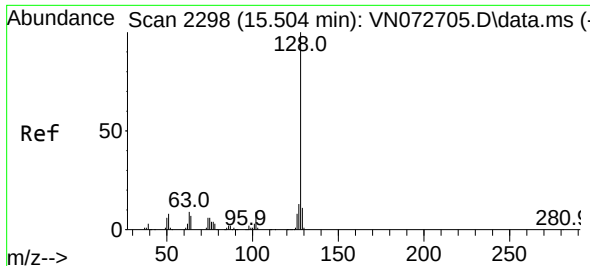


#94
Hexachlorobutadiene
Concen: 2.788 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.000 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29



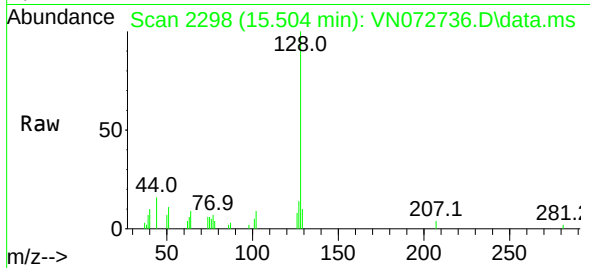
Tgt Ion:225 Resp: 2343
Ion Ratio Lower Upper
225 100
223 62.2 32.4 97.2
227 63.0 31.8 95.4





#95
Naphthalene
Concen: 2.279 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29

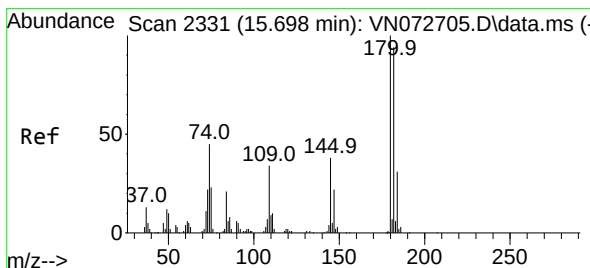
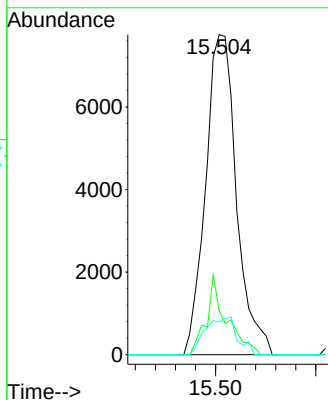
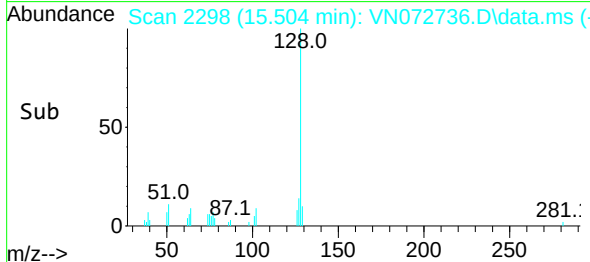
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2022



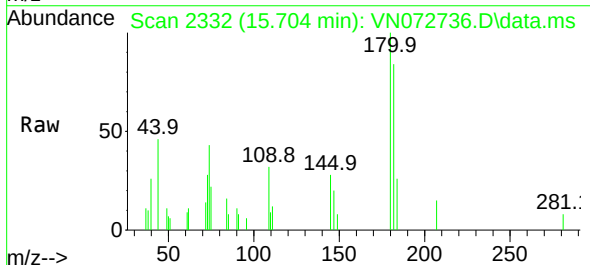
Tgt Ion:128 Resp: 1658
Ion Ratio Lower Upper
128 100
127 16.2 10.3 15.5
129 12.0 8.6 13.0

Manual Integrations APPROVED

Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#96
1,2,3-Trichlorobenzene
Concen: 2.462 ug/l
RT: 15.704 min Scan# 2332
Delta R.T. 0.006 min
Lab File: VN072736.D
Acq: 09 Jun 2022 17:29



Tgt Ion:180 Resp: 4599
Ion Ratio Lower Upper
180 100
182 103.1 47.8 143.3
145 39.0 15.5 46.5

