

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060822\
 Data File : VN072714.D
 Acq On : 08 Jun 2022 22:44
 Operator : JC\MD
 Sample : N3214-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Jun 09 06:15:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 05:53:33 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	156085	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	304810	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	283355	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	118315	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	232047	55.392	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 110.780%			
35) Dibromofluoromethane	8.016	113	155731	51.634	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.260%			
50) Toluene-d8	10.439	98	599062	49.783	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.560%			
62) 4-Bromofluorobenzene	12.727	95	177299	42.937	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 85.880%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	7618	3.009	ug/l	89
3) Chloromethane	2.299	50	8727	2.894	ug/l	98
4) Vinyl Chloride	2.434	62	8004	2.887	ug/l	99
5) Bromomethane	2.840	94	5271	3.874	ug/l	# 69
6) Chloroethane	3.010	64	6786	3.475	ug/l	# 83
7) Trichlorofluoromethane	3.363	101	12856	2.913	ug/l	99
8) Diethyl Ether	3.822	74	5099	2.842	ug/l	71
9) 1,1,2-Trichlorotrifluo...	4.204	101	6660	2.756	ug/l	87
10) Methyl Iodide	4.416	142	4338	1.925	ug/l	# 83
11) Tert butyl alcohol	5.375	59	17432	17.444	ug/l	# 86
12) 1,1-Dichloroethene	4.187	96	7220	3.206	ug/l	# 80
13) Acrolein	4.034	56	5996	14.528	ug/l	99
14) Allyl chloride	4.840	41	15180	2.919	ug/l	# 91
15) Acrylonitrile	5.557	53	29382	13.877	ug/l	98
16) Acetone	4.287	43	29514	14.703	ug/l	94
17) Carbon Disulfide	4.516	76	17670	3.107	ug/l	100
18) Methyl Acetate	4.857	43	15310	2.931	ug/l	90
19) Methyl tert-butyl Ether	5.616	73	28030	2.752	ug/l	# 90
20) Methylene Chloride	5.098	84	9206	2.905	ug/l	# 94
21) trans-1,2-Dichloroethene	5.592	96	7502	3.025	ug/l	# 79
22) Diisopropyl ether	6.486	45	28789	2.732	ug/l	94
23) Vinyl Acetate	6.434	43	129717	13.444	ug/l	95
24) 1,1-Dichloroethane	6.386	63	15695	2.868	ug/l	# 93
25) 2-Butanone	7.333	43	45410	14.063	ug/l	# 87
26) 2,2-Dichloropropane	7.316	77	12866	2.600	ug/l	92
27) cis-1,2-Dichloroethene	7.328	96	8938	2.834	ug/l	83
28) Bromochloromethane	7.651	49	6640	2.569	ug/l	# 75
29) Tetrahydrofuran	7.681	42	28838	14.453	ug/l	87
30) Chloroform	7.822	83	16363	2.868	ug/l	97
31) Cyclohexane	8.086	56	18450	3.896	ug/l	# 78
32) 1,1,1-Trichloroethane	8.004	97	13797	2.737	ug/l	# 93
36) 1,1-Dichloropropene	8.222	75	11466	2.739	ug/l	92
37) Ethyl Acetate	7.404	43	15734	2.419	ug/l	# 96
38) Carbon Tetrachloride	8.210	117	11943	2.670	ug/l	# 85
39) Methylcyclohexane	9.457	83	12877	2.651	ug/l	94
40) Benzene	8.457	78	34846	2.743	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	4766m	2.174	ug/l	
42) 1,2-Dichloroethane	8.522	62	15289	2.903	ug/l	95
43) Isopropyl Acetate	8.557	43	25850	2.552	ug/l #	93
44) Trichloroethene	9.210	130	7864	2.659	ug/l	87
45) 1,2-Dichloropropane	9.486	63	9053	2.637	ug/l	92
46) Dibromomethane	9.575	93	6292	2.622	ug/l #	80
47) Bromodichloromethane	9.757	83	12564	2.547	ug/l	93
48) Methyl methacrylate	9.551	41	11965	2.497	ug/l	85
49) 1,4-Dioxane	9.569	88	4388	50.089	ug/l #	92
51) 4-Methyl-2-Pentanone	10.327	43	81578	12.366	ug/l	89
52) Toluene	10.498	92	20934	2.639	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	12171	2.221	ug/l	92
54) cis-1,3-Dichloropropene	10.186	75	13395	2.366	ug/l #	90
55) 1,1,2-Trichloroethane	10.898	97	8920	2.606	ug/l	96
56) Ethyl methacrylate	10.757	69	14040	2.319	ug/l #	78
57) 1,3-Dichloropropane	11.045	76	14833	2.427	ug/l	93
58) 2-Chloroethyl Vinyl ether	10.039	63	25645	10.629	ug/l	91
59) 2-Hexanone	11.080	43	55295	11.399	ug/l	89
60) Dibromochloromethane	11.233	129	8481	2.387	ug/l	95
61) 1,2-Dibromoethane	11.345	107	8728	2.488	ug/l	97
64) Tetrachloroethene	10.974	164	7301	3.060	ug/l #	89
65) Chlorobenzene	11.768	112	20044	2.655	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.839	131	7766	2.586	ug/l	95
67) Ethyl Benzene	11.845	91	36755	2.589	ug/l	97
68) m/p-Xylenes	11.951	106	25859	5.125	ug/l	89
69) o-Xylene	12.274	106	13741	2.709	ug/l	95
70) Styrene	12.292	104	19295	2.421	ug/l	91
71) Bromoform	12.457	173	4876	2.308	ug/l #	99
73) Isopropylbenzene	12.574	105	32785	2.583	ug/l	98
74) N-amyl acetate	12.386	43	14489	2.456	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.827	83	11610	2.635	ug/l	97
76) 1,2,3-Trichloropropane	12.880	75	10715m	2.806	ug/l	
77) Bromobenzene	12.863	156	6708	2.681	ug/l	69
78) n-propylbenzene	12.915	91	34030	2.456	ug/l	98
79) 2-Chlorotoluene	13.004	91	24246	2.789	ug/l	89
80) 1,3,5-Trimethylbenzene	13.057	105	25324	2.518	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	2736m	1.874	ug/l	
82) 4-Chlorotoluene	13.104	91	20702	2.579	ug/l	94
83) tert-Butylbenzene	13.321	119	22361	2.532	ug/l	86
84) 1,2,4-Trimethylbenzene	13.363	105	24078	2.503	ug/l	97
85) sec-Butylbenzene	13.498	105	29655	2.488	ug/l	99
86) p-Isopropyltoluene	13.615	119	21576	2.302	ug/l	94
87) 1,3-Dichlorobenzene	13.615	146	11369	2.676	ug/l	92
88) 1,4-Dichlorobenzene	13.692	146	10986m	2.639	ug/l	
89) n-Butylbenzene	13.939	91	17107	2.166	ug/l	98
90) Hexachloroethane	14.204	117	5138	2.532	ug/l	62
91) 1,2-Dichlorobenzene	13.986	146	11711	2.812	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.609	75	2659	2.499	ug/l	64
93) 1,2,4-Trichlorobenzene	15.256	180	4949	2.470	ug/l	96
94) Hexachlorobutadiene	15.368	225	2226	2.480	ug/l	99
95) Naphthalene	15.504	128	16416	2.112	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.704	180	4780	2.396	ug/l	98

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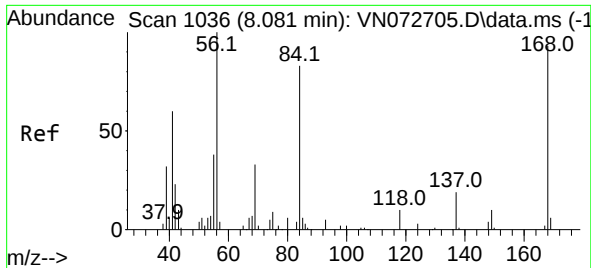
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Thu Jun 09 05:53:33 2022
Response via : Initial Calibration

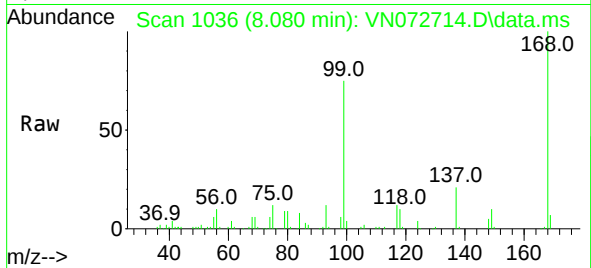
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VN072714.D
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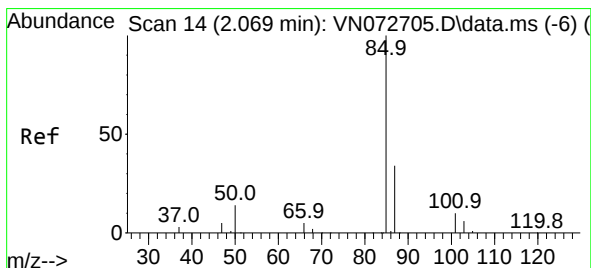
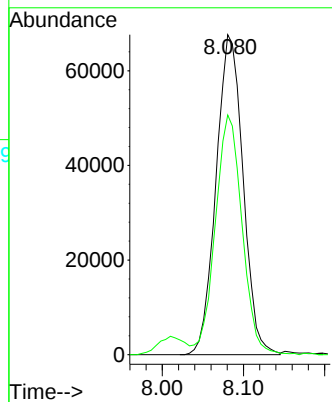
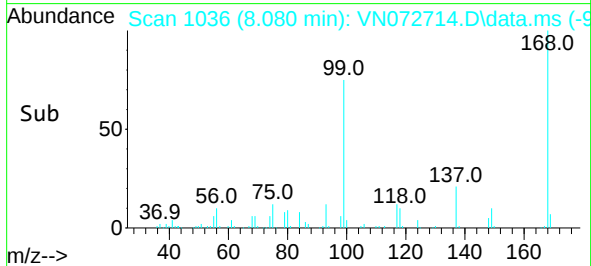
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



Tgt Ion:168 Resp: 156085
Ion Ratio Lower Upper
168 100
99 74.5 42.3 63.5

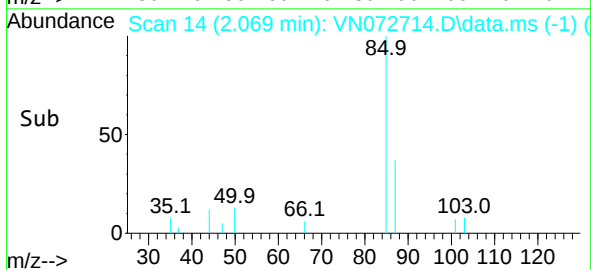
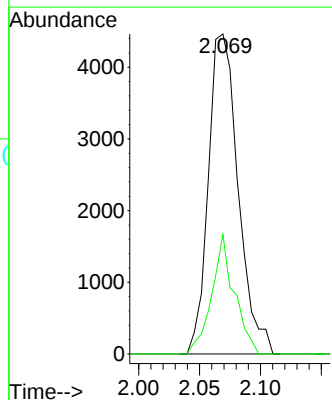
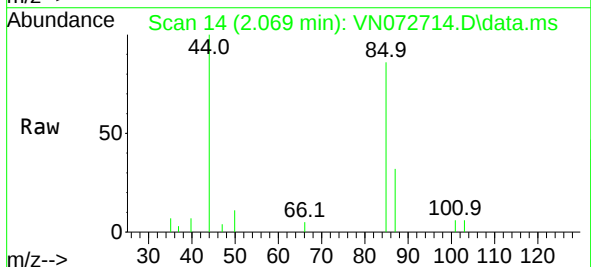
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#2
Dichlorodifluoromethane
Concen: 3.009 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44

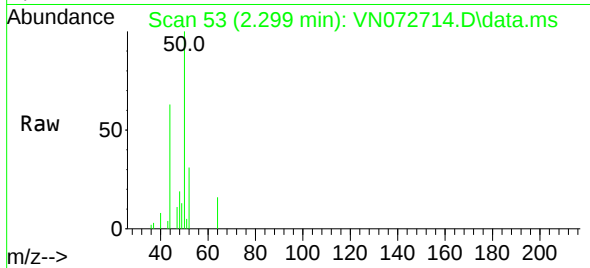
Tgt Ion: 85 Resp: 7618
Ion Ratio Lower Upper
85 100
87 37.3 15.7 47.1





#3
Chloromethane
Concen: 2.894 ug/l
RT: 2.299 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44

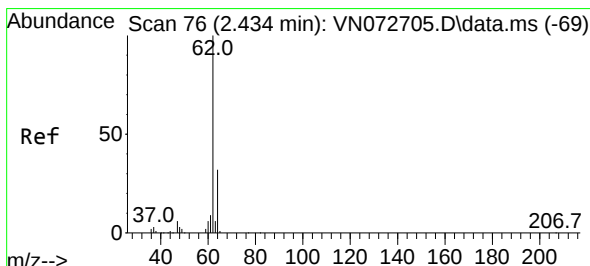
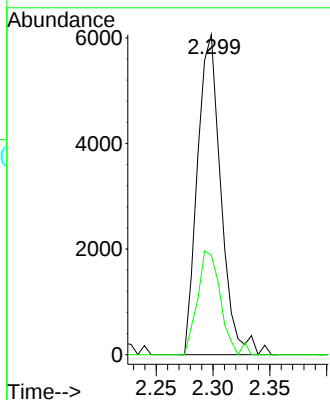
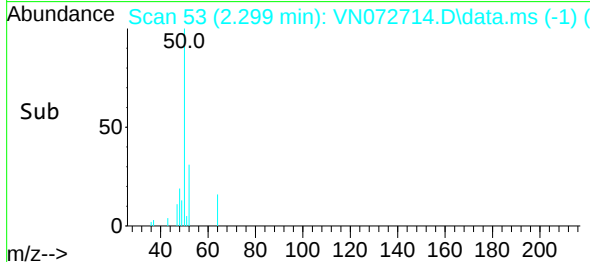
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Tgt Ion: 50 Resp: 872
Ion Ratio Lower Upper
50 100
52 31.1 25.7 38.5

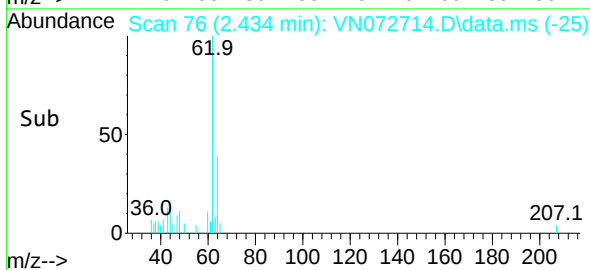
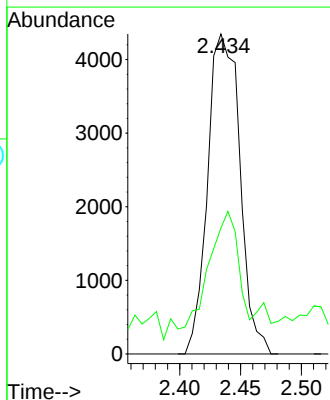
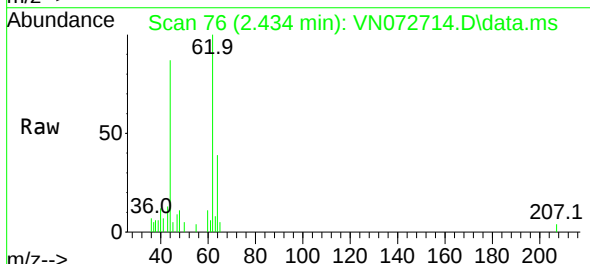
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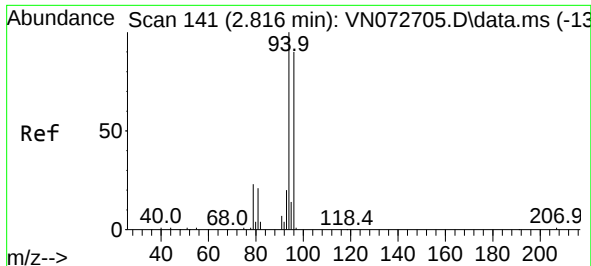
Reviewed By :John Carlone 06/09/2022
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#4
Vinyl Chloride
Concen: 2.887 ug/l
RT: 2.434 min Scan# 76
Delta R.T. -0.000 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44

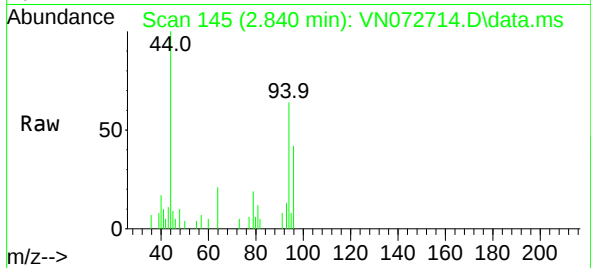
Tgt Ion: 62 Resp: 8004
Ion Ratio Lower Upper
62 100
64 31.5 25.0 37.4





#5
Bromomethane
Concen: 3.874 ug/l
RT: 2.840 min Scan# 141
Delta R.T. 0.024 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44

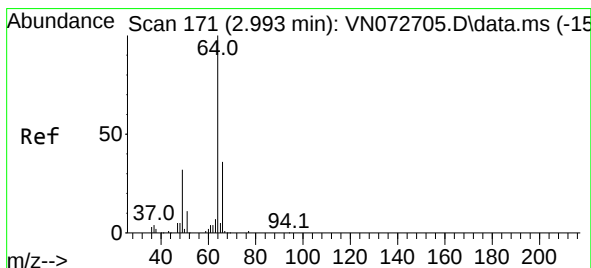
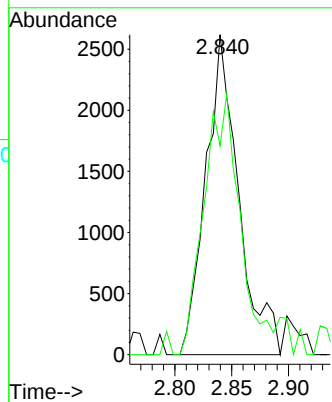
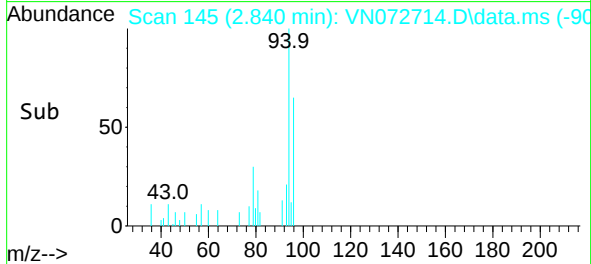
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Tgt Ion: 94 Resp: 527
Ion Ratio Lower Upper
94 100
96 65.3 76.0 114.0

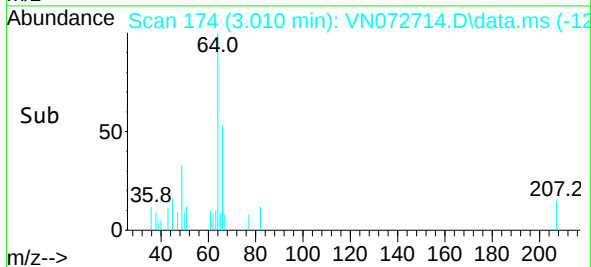
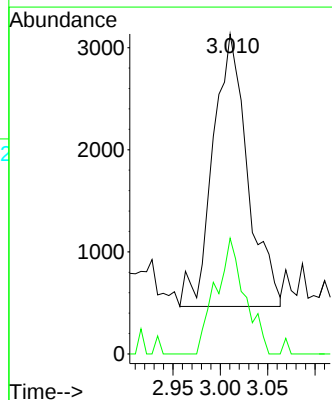
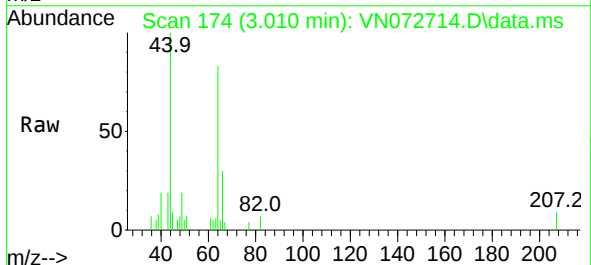
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#6
Chloroethane
Concen: 3.475 ug/l
RT: 3.010 min Scan# 174
Delta R.T. 0.017 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44

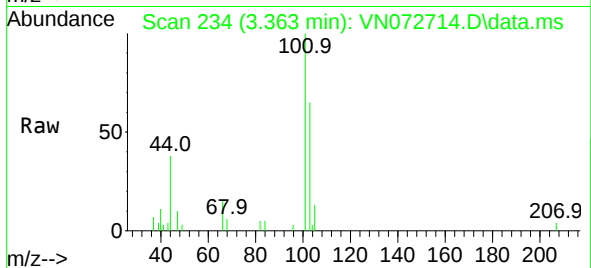
Tgt Ion: 64 Resp: 6786
Ion Ratio Lower Upper
64 100
66 42.5 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 2.913 ug/l
 RT: 3.363 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN072714.D
 Acq: 08 Jun 2022 22:44

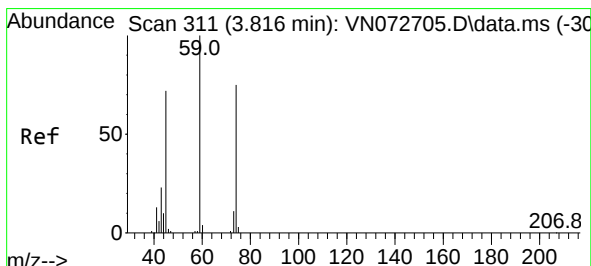
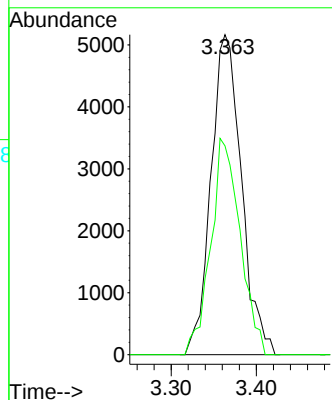
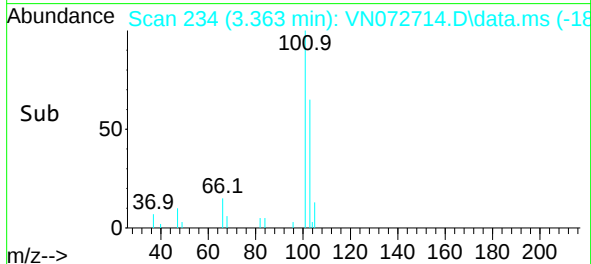
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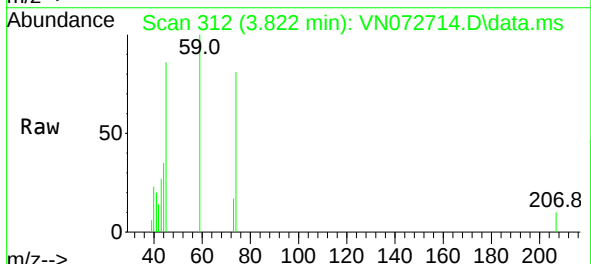
Tgt Ion:101 Resp: 1285
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.5 77.3

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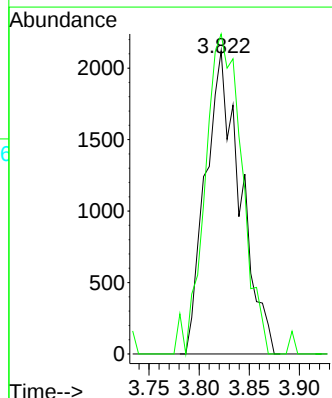
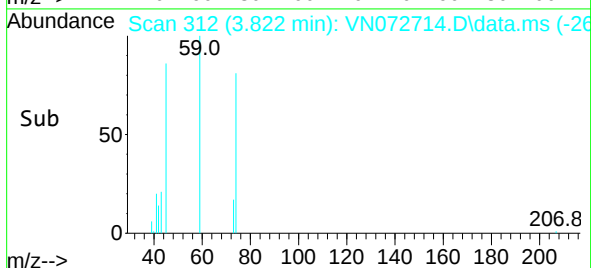
Reviewed By :John Carlone 06/09/2022
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#8
 Diethyl Ether
 Concen: 2.842 ug/l
 RT: 3.822 min Scan# 312
 Delta R.T. 0.006 min
 Lab File: VN072714.D
 Acq: 08 Jun 2022 22:44



Tgt Ion: 74 Resp: 5099
 Ion Ratio Lower Upper
 74 100
 45 112.1 42.9 128.5





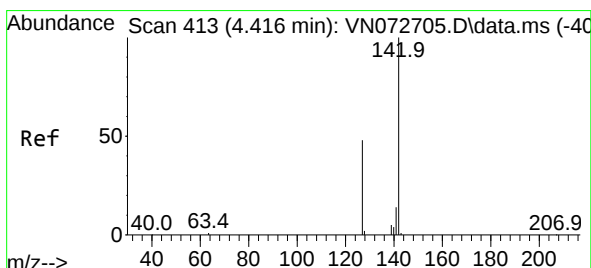
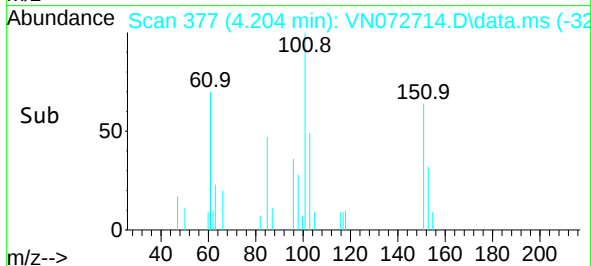
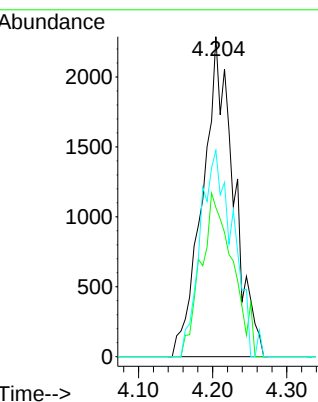
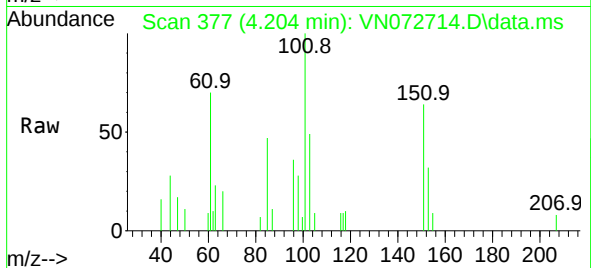
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.756 ug/l
RT: 4.204 min Scan# 31
Delta R.T. 0.005 min
Lab File: VN072714.D
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Tgt Ion:101 Resp: 6660
Ion Ratio Lower Upper
101 100
85 52.0 34.7 52.1
151 67.3 63.0 94.4

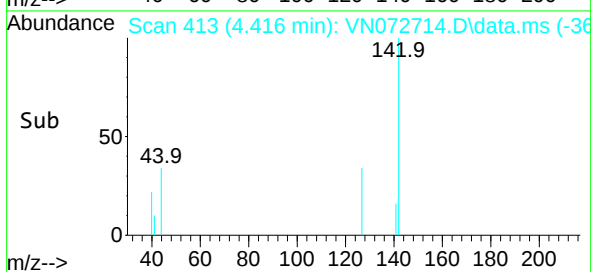
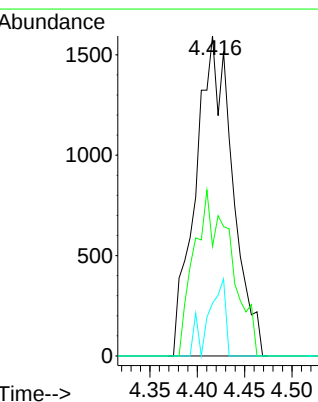
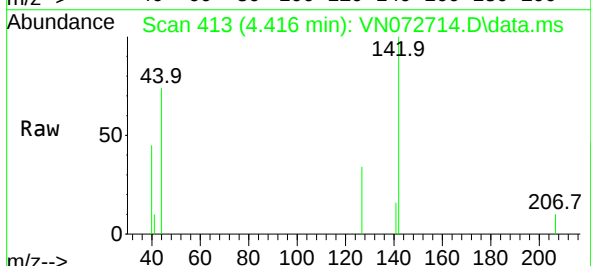
Manual Integrations
APPROVED

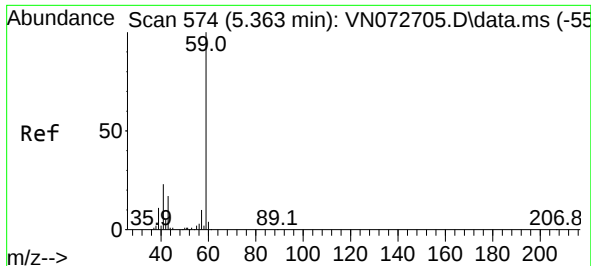
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#10
Methyl Iodide
Concen: 1.925 ug/l
RT: 4.416 min Scan# 413
Delta R.T. 0.000 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44

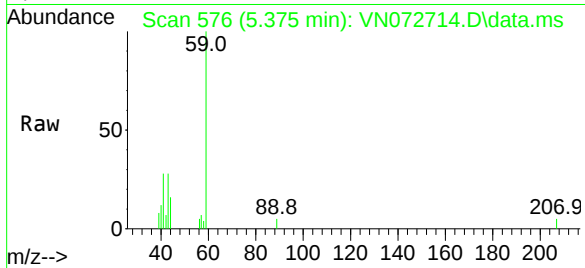
Tgt Ion:142 Resp: 4338
Ion Ratio Lower Upper
142 100
127 51.5 31.3 46.9#
141 11.0 11.2 16.8#





#11
Tert butyl alcohol
Concen: 17.444 ug/l
RT: 5.375 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44

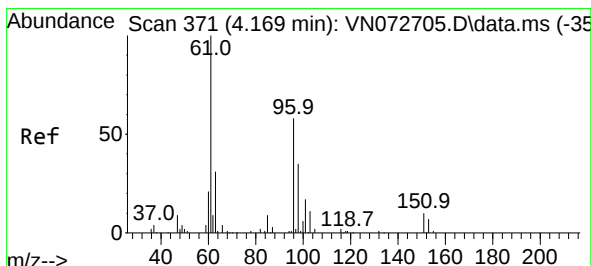
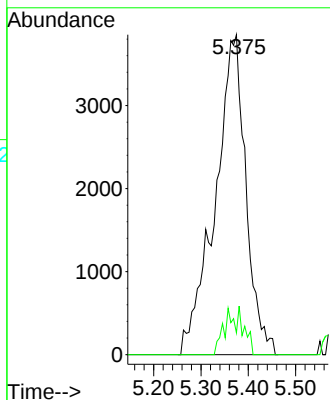
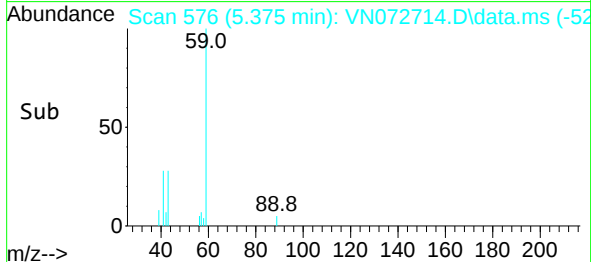
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



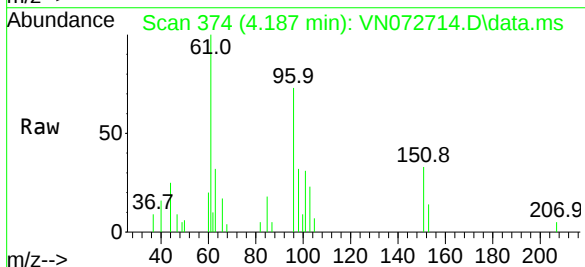
Tgt Ion: 59 Resp: 1743
Ion Ratio Lower Upper
59 100
57 5.2 8.3 12.5

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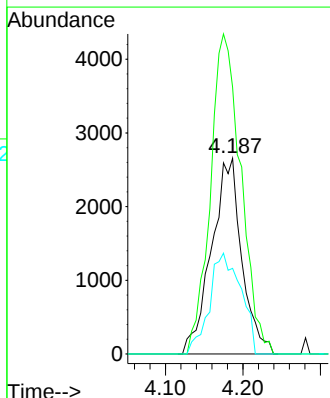
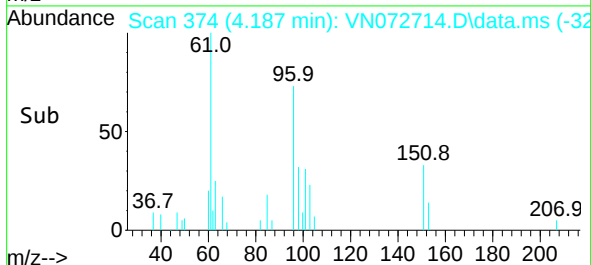
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

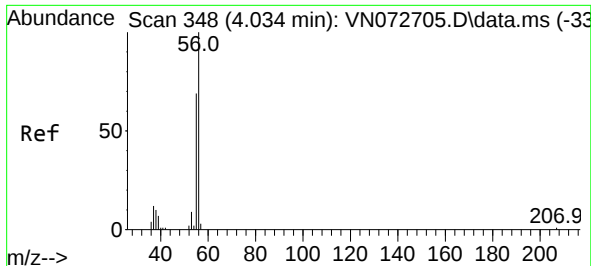


#12
1,1-Dichloroethene
Concen: 3.206 ug/l
RT: 4.187 min Scan# 374
Delta R.T. 0.018 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44



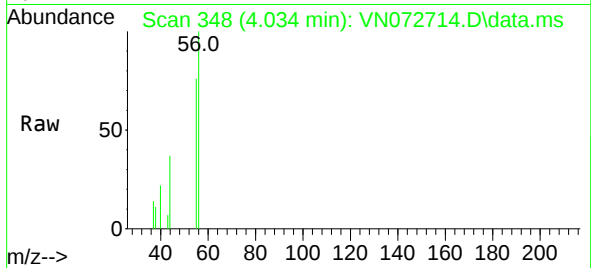
Tgt Ion: 96 Resp: 7220
Ion Ratio Lower Upper
96 100
61 136.3 127.6 191.4
98 43.8 51.2 76.8





#13
Acrolein
Concen: 14.528 ug/l
RT: 4.034 min Scan# 348
Delta R.T. -0.000 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44

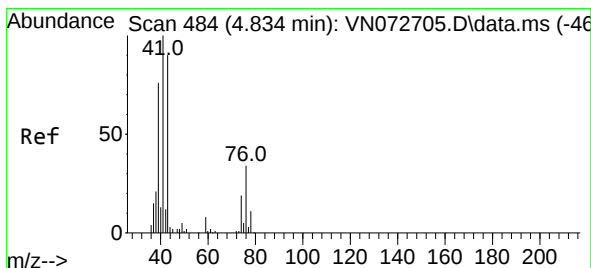
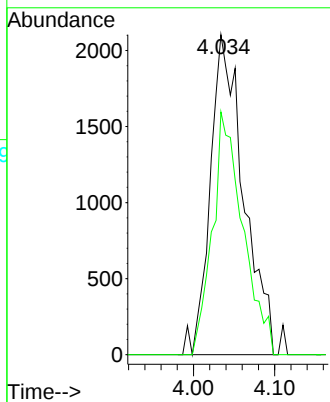
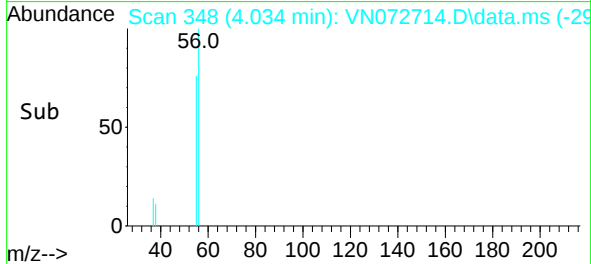
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



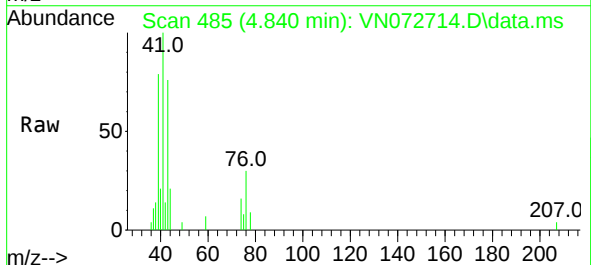
Tgt Ion: 56 Resp: 5990
Ion Ratio Lower Upper
56 100
55 69.3 54.8 82.2

Manual Integrations
APPROVED

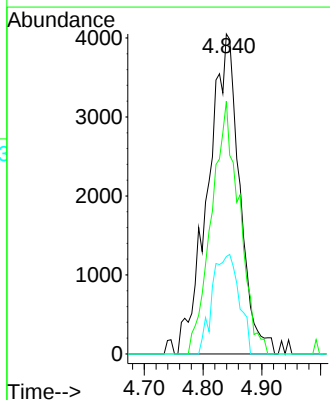
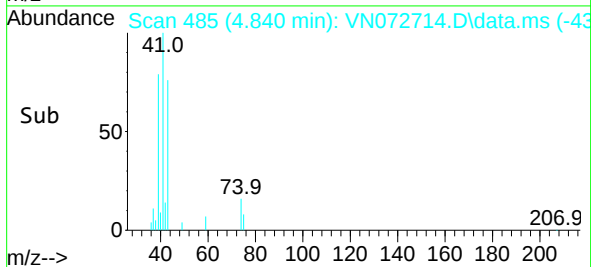
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

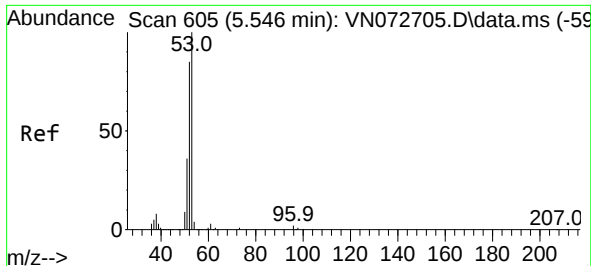


#14
Allyl chloride
Concen: 2.919 ug/l
RT: 4.840 min Scan# 485
Delta R.T. 0.006 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44



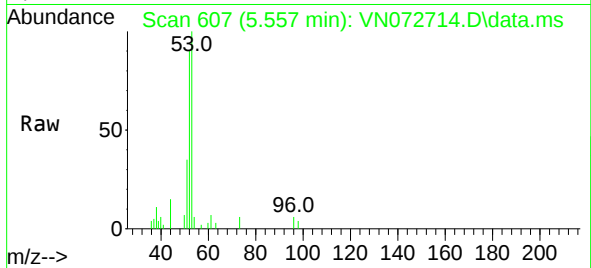
Tgt Ion: 41 Resp: 15180
Ion Ratio Lower Upper
41 100
39 69.6 53.2 79.8
76 26.2 29.9 44.9#





#15
Acrylonitrile
Concen: 13.877 ug/l
RT: 5.557 min Scan# 605
Delta R.T. 0.011 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44

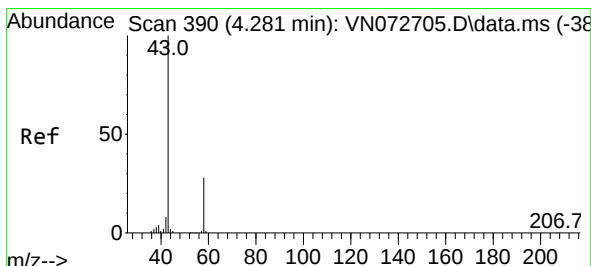
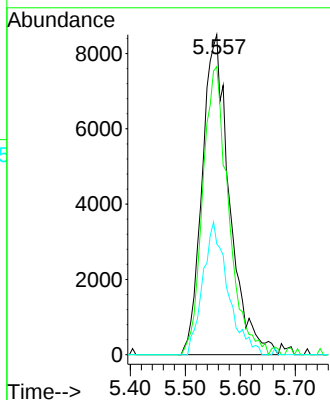
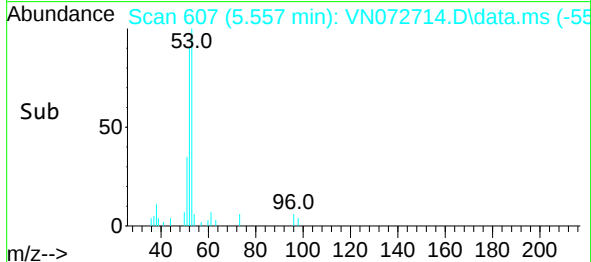
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 53 Resp: 2938
Ion Ratio Lower Upper
53 100
52 84.7 66.4 99.6
51 37.9 28.5 42.7

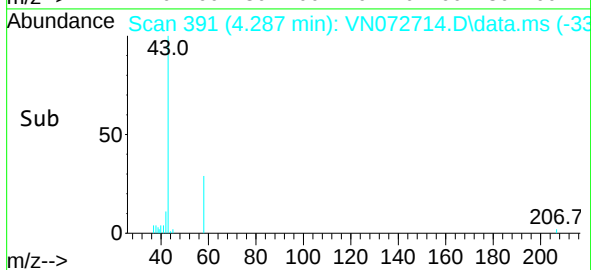
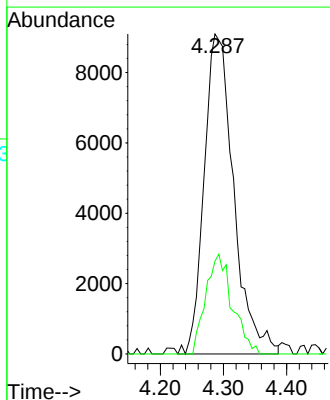
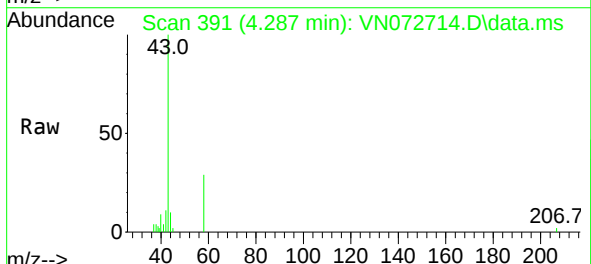
Manual Integrations
APPROVED

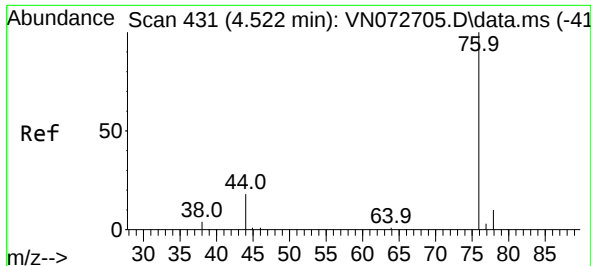
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#16
Acetone
Concen: 14.703 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44

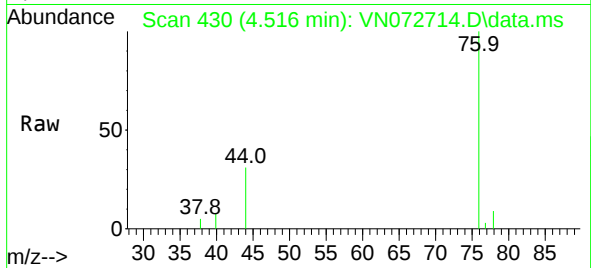
Tgt Ion: 43 Resp: 29514
Ion Ratio Lower Upper
43 100
58 29.0 26.0 39.0





#17
Carbon Disulfide
Concen: 3.107 ug/l
RT: 4.516 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44

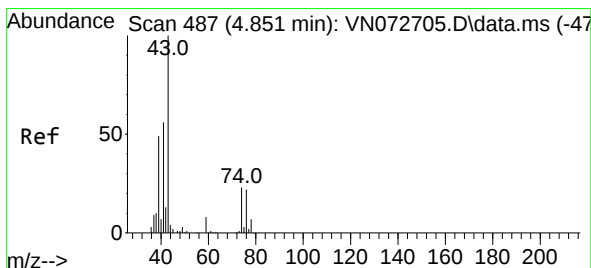
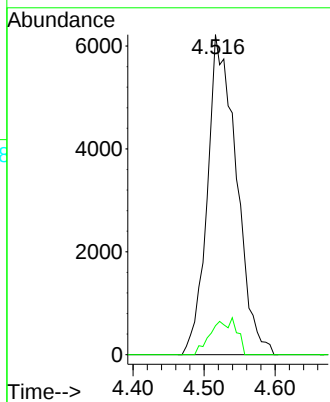
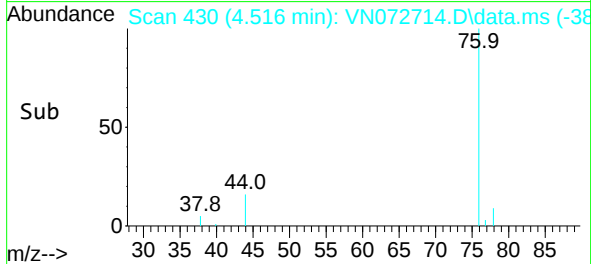
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



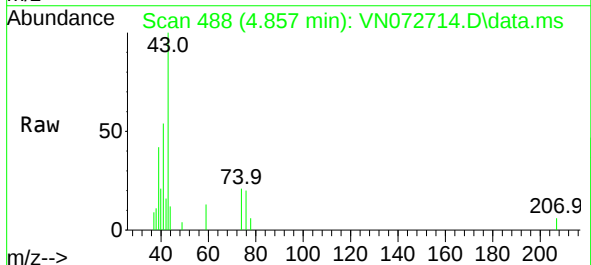
Tgt Ion: 76 Resp: 17670
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

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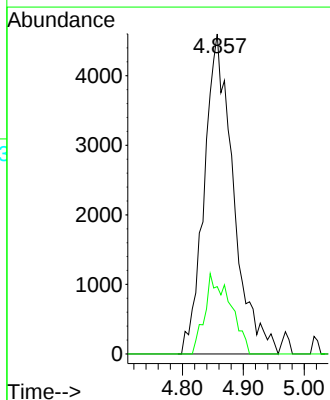
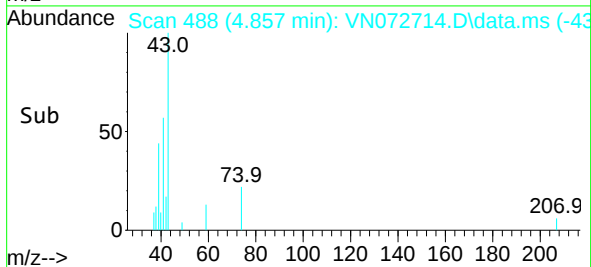
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

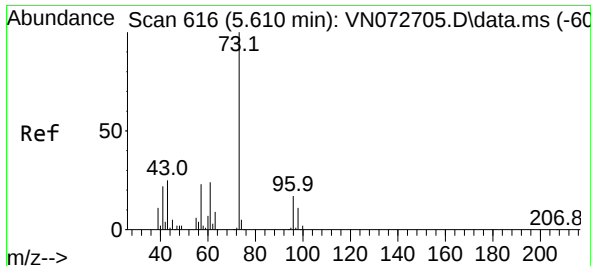


#18
Methyl Acetate
Concen: 2.931 ug/l
RT: 4.857 min Scan# 488
Delta R.T. 0.006 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44



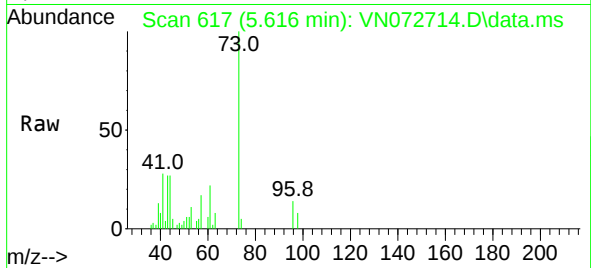
Tgt Ion: 43 Resp: 15310
Ion Ratio Lower Upper
43 100
74 21.9 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 2.752 ug/l
RT: 5.616 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44

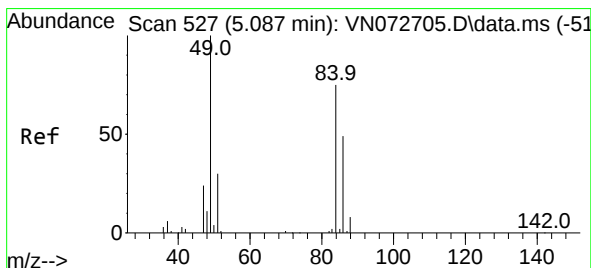
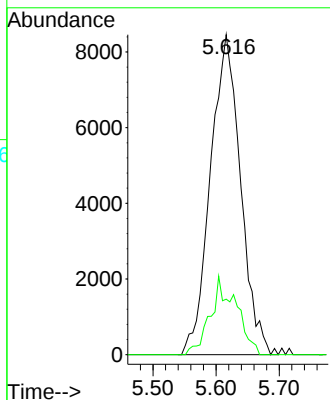
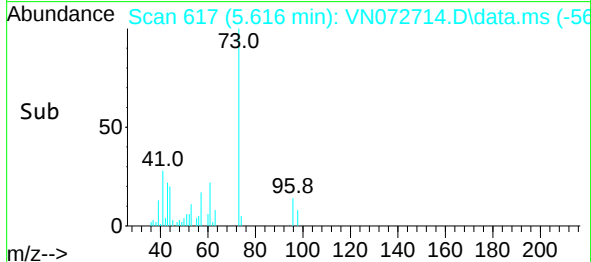
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 73 Resp: 28030
Ion Ratio Lower Upper
73 100
57 17.4 17.6 26.4

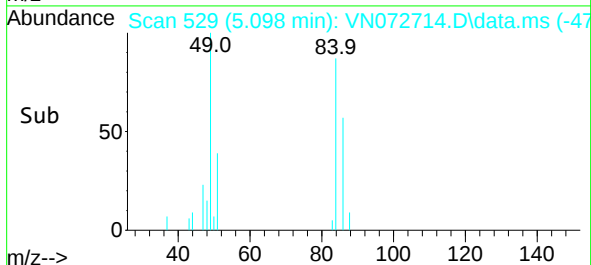
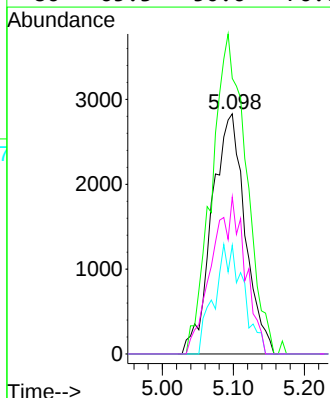
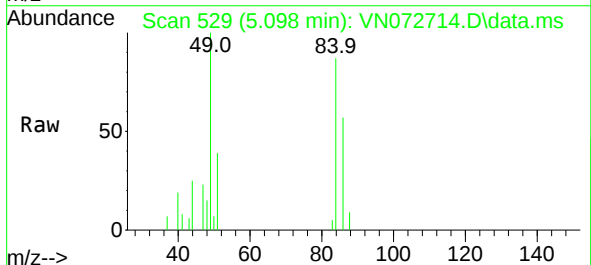
Manual Integrations
APPROVED

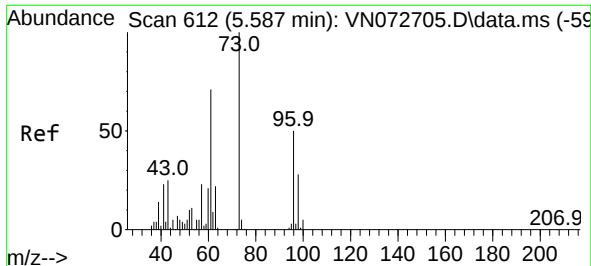
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#20
Methylene Chloride
Concen: 2.905 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.011 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44

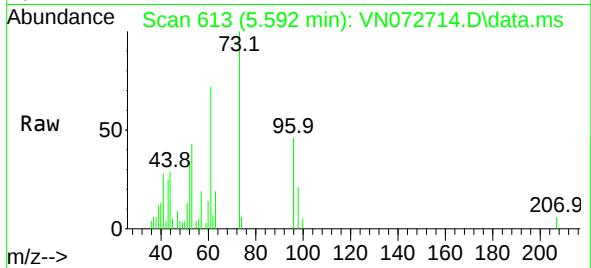
Tgt Ion: 84 Resp: 9206
Ion Ratio Lower Upper
84 100
49 114.7 88.3 132.5
51 45.2 28.2 42.2#
86 65.3 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 3.025 ug/l
RT: 5.592 min Scan# 612
Delta R.T. 0.005 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44

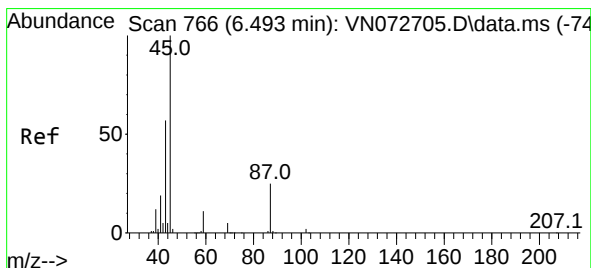
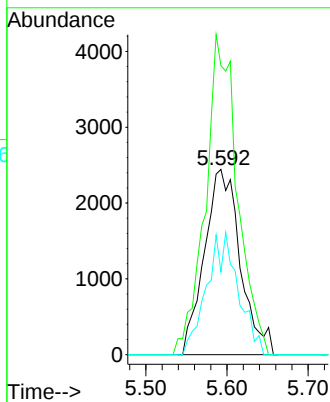
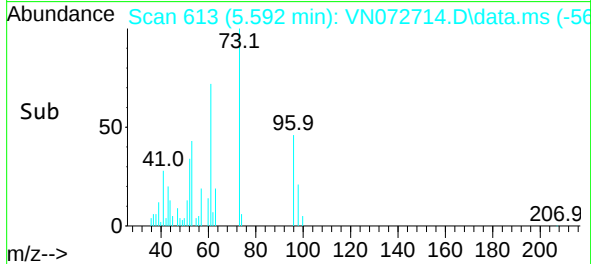
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 96 Resp: 7502
Ion Ratio Lower Upper
96 100
61 156.1 105.8 158.8
98 44.6 50.3 75.5

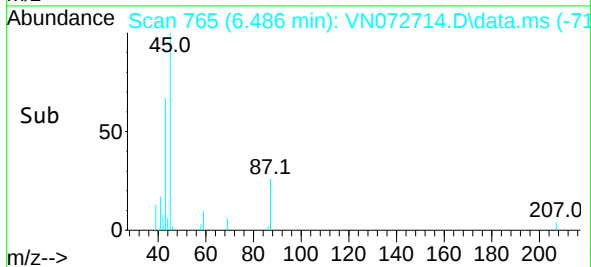
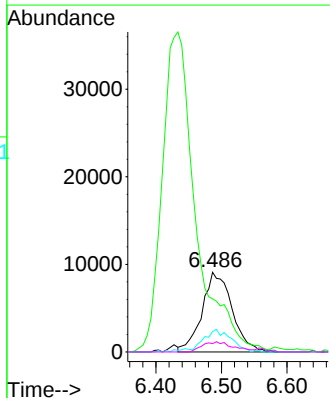
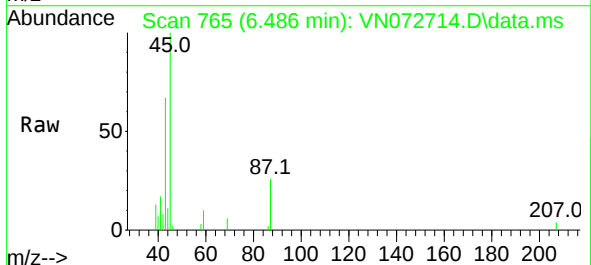
Manual Integrations
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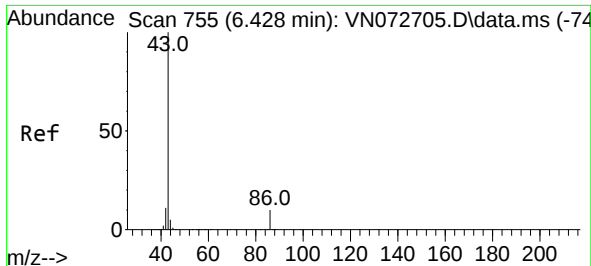
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#22
Diisopropyl ether
Concen: 2.732 ug/l
RT: 6.486 min Scan# 765
Delta R.T. -0.007 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44

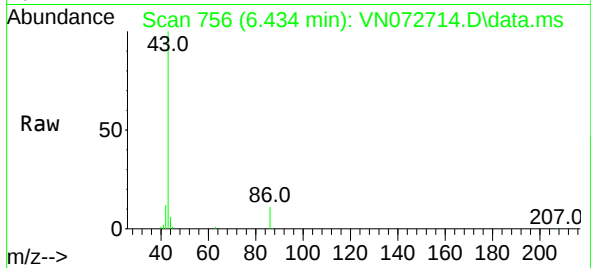
Tgt Ion: 45 Resp: 28789
Ion Ratio Lower Upper
45 100
43 61.5 46.6 70.0
87 25.7 24.3 36.5
59 10.4 9.6 14.4





#23
 Vinyl Acetate
 Concen: 13.444 ug/l
 RT: 6.434 min Scan# 756
 Delta R.T. 0.006 min
 Lab File: VN072714.D
 Acq: 08 Jun 2022 22:44

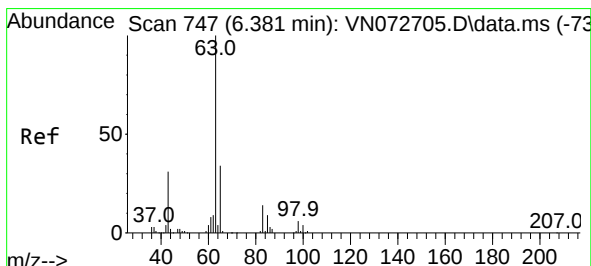
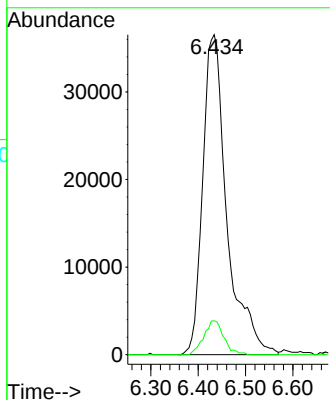
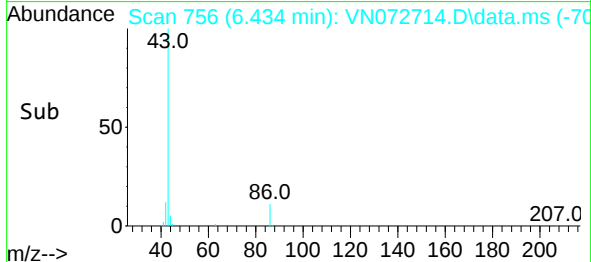
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 43 Resp: 12971
 Ion Ratio Lower Upper
 43 100
 86 10.6 10.0 15.0

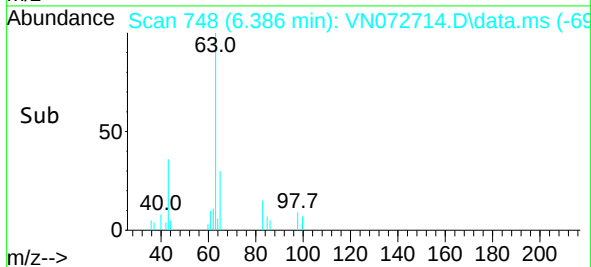
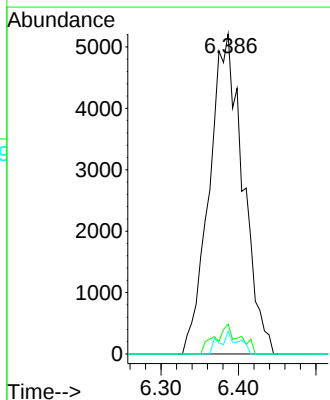
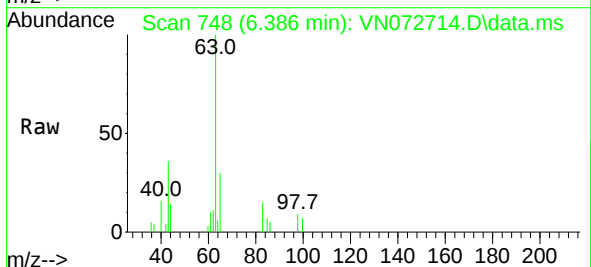
Manual Integrations
 APPROVED

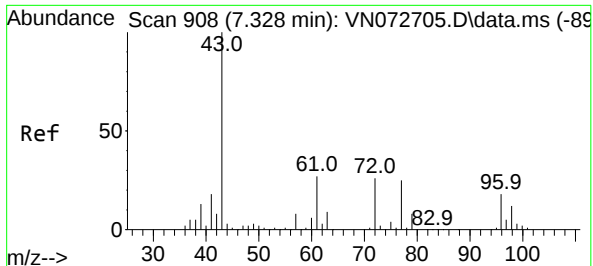
Reviewed By :John Carlone 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022



#24
 1,1-Dichloroethane
 Concen: 2.868 ug/l
 RT: 6.386 min Scan# 748
 Delta R.T. 0.005 min
 Lab File: VN072714.D
 Acq: 08 Jun 2022 22:44

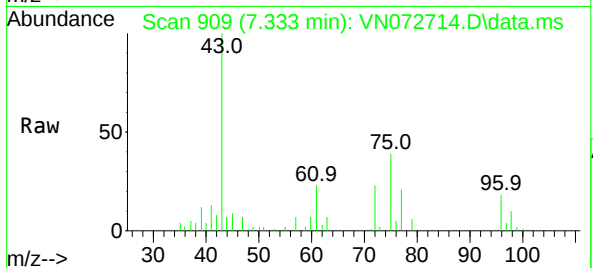
Tgt Ion: 63 Resp: 15695
 Ion Ratio Lower Upper
 63 100
 98 9.3 3.5 10.4
 100 7.0 2.3 6.8#





#25
2-Butanone
Concen: 14.063 ug/l
RT: 7.333 min Scan# 909
Delta R.T. 0.005 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44

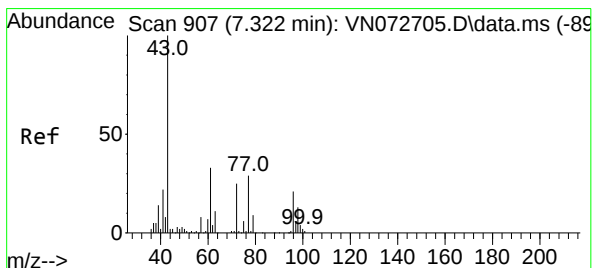
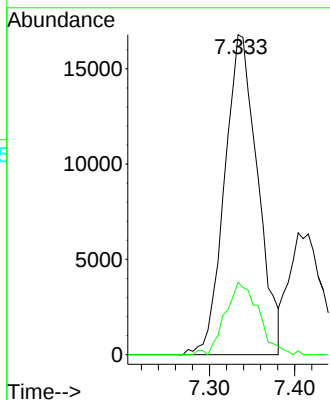
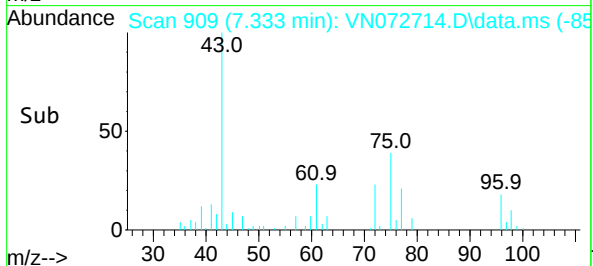
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 43 Resp: 45410
Ion Ratio Lower Upper
43 100
72 22.5 23.7 35.5

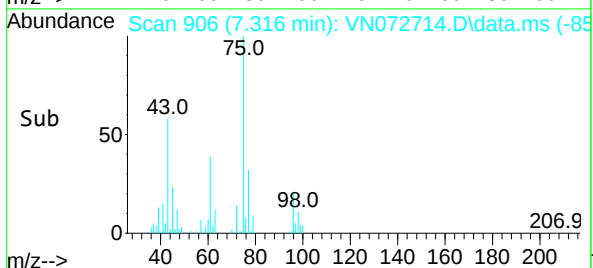
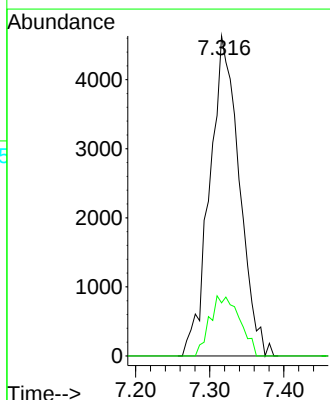
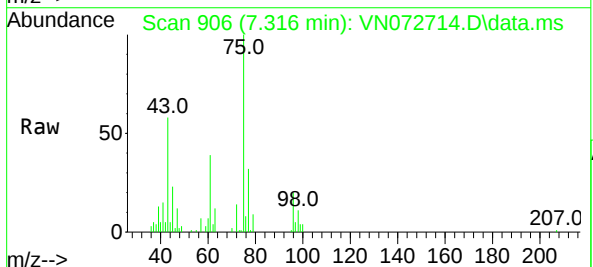
Manual Integrations
APPROVED

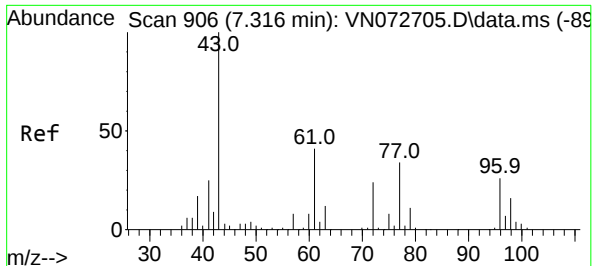
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#26
2,2-Dichloropropane
Concen: 2.600 ug/l
RT: 7.316 min Scan# 906
Delta R.T. -0.006 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44

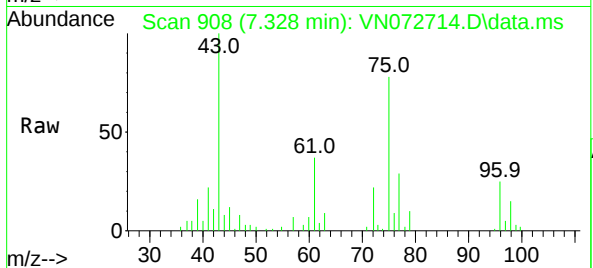
Tgt Ion: 77 Resp: 12866
Ion Ratio Lower Upper
77 100
97 18.8 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 2.834 ug/l
 RT: 7.328 min Scan# 906
 Delta R.T. 0.012 min
 Lab File: VN072714.D
 Acq: 08 Jun 2022 22:44

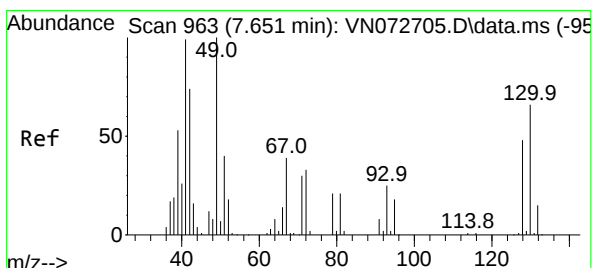
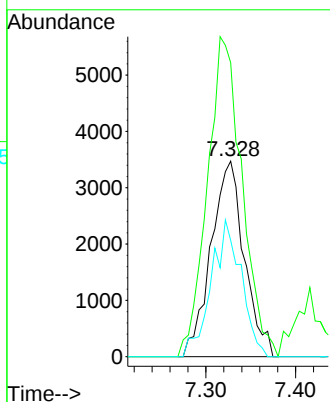
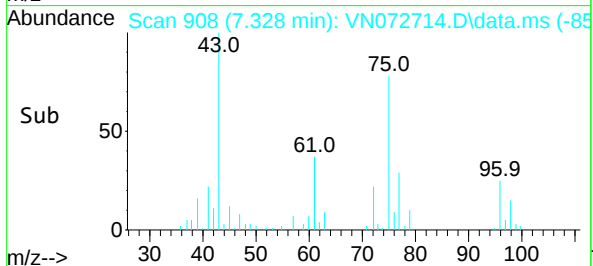
Instrument : MSVOA_N
 ClientSampleId : LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 96 Resp: 8938
 Ion Ratio Lower Upper
 96 100
 61 170.3 0.0 280.6
 98 63.1 0.0 128.4

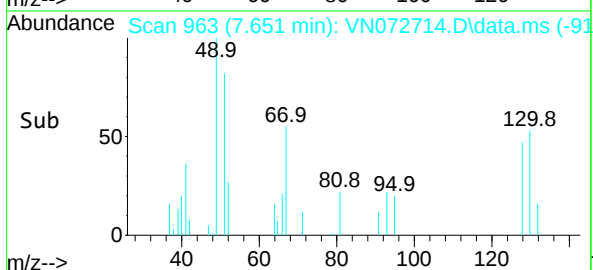
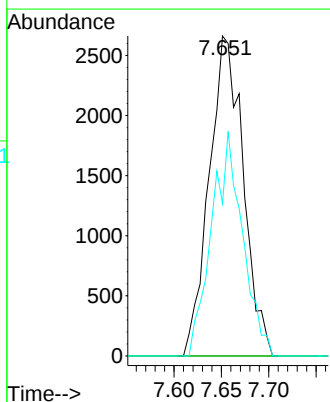
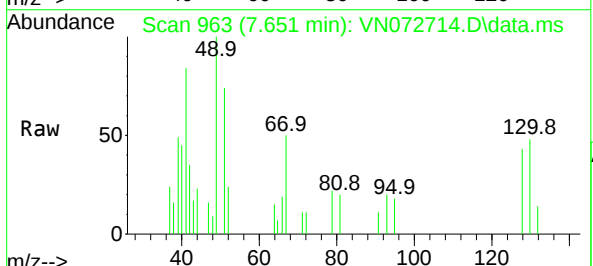
Manual Integrations
 APPROVED

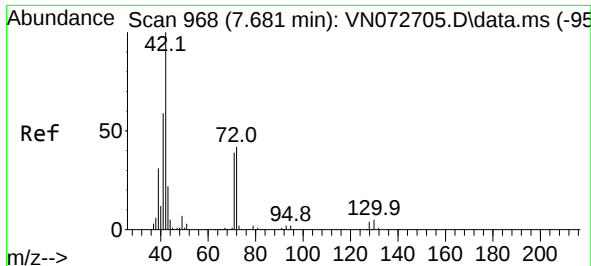
Reviewed By :John Carlone 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022



#28
 Bromochloromethane
 Concen: 2.569 ug/l
 RT: 7.651 min Scan# 963
 Delta R.T. 0.000 min
 Lab File: VN072714.D
 Acq: 08 Jun 2022 22:44

Tgt Ion: 49 Resp: 6640
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.6
 130 63.7 69.7 104.5#





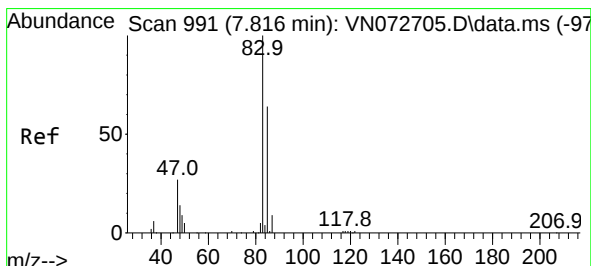
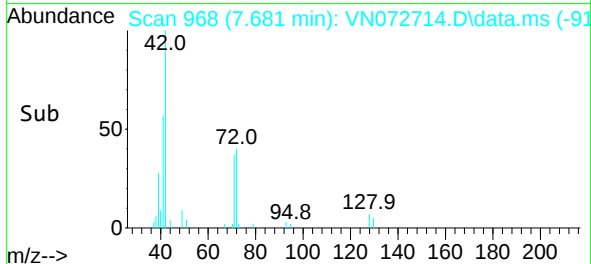
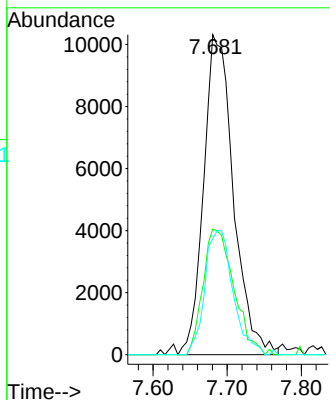
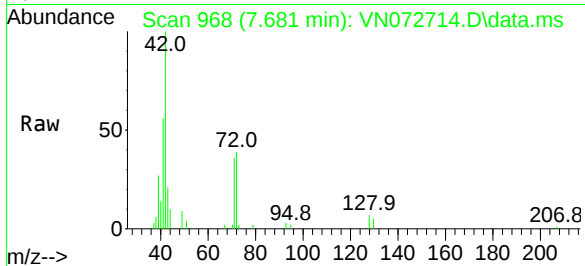
#29
Tetrahydrofuran
Concen: 14.453 ug/l
RT: 7.681 min Scan# 90
Delta R.T. -0.000 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44

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

Tgt Ion: 42 Resp: 28838
Ion Ratio Lower Upper
42 100
72 40.7 39.7 59.5
71 36.7 36.6 55.0

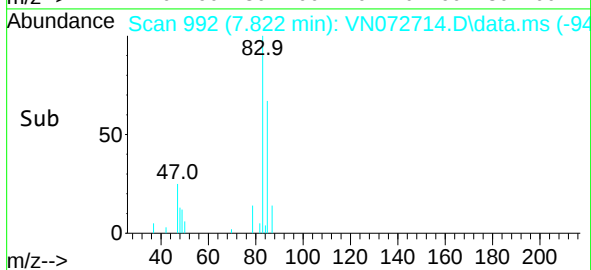
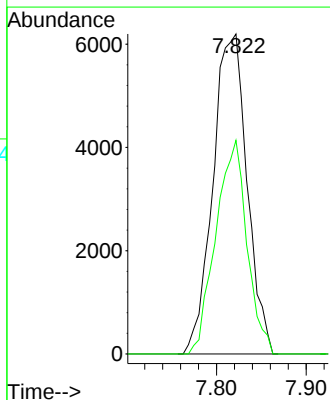
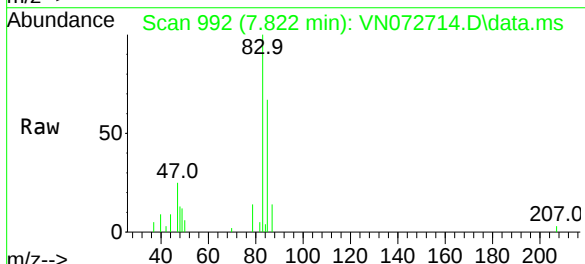
Manual Integrations
APPROVED

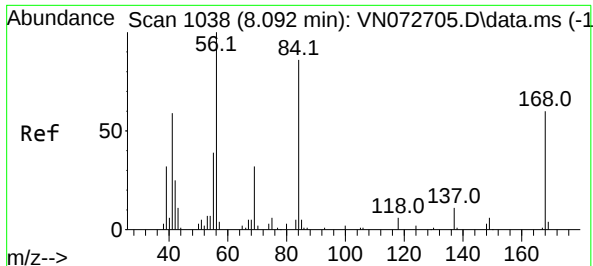
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#30
Chloroform
Concen: 2.868 ug/l
RT: 7.822 min Scan# 992
Delta R.T. 0.006 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44

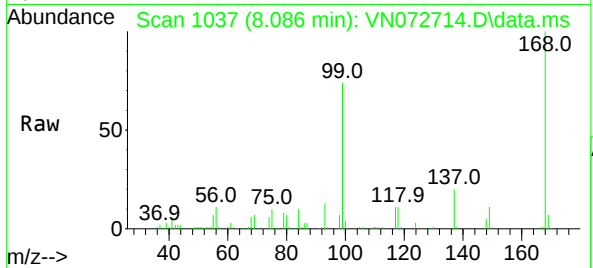
Tgt Ion: 83 Resp: 16363
Ion Ratio Lower Upper
83 100
85 66.8 51.8 77.8





#31
Cyclohexane
Concen: 3.896 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44

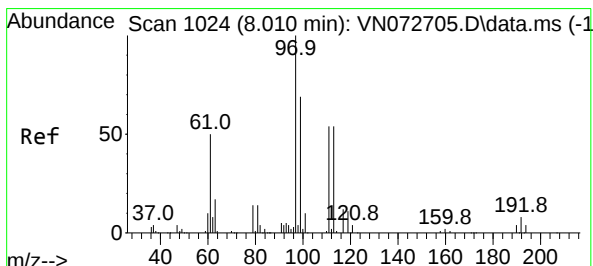
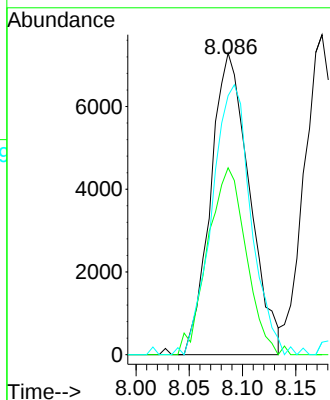
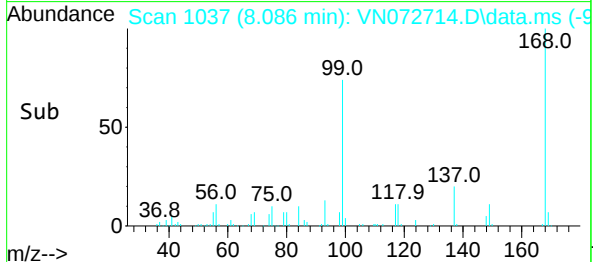
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



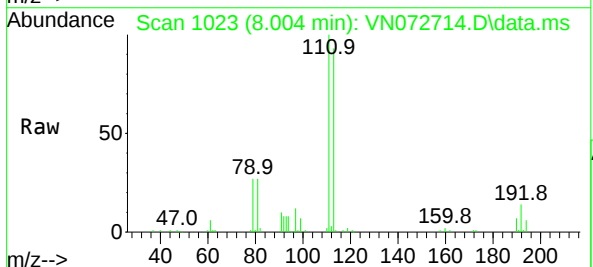
Tgt Ion: 56 Resp: 18450
Ion Ratio Lower Upper
56 100
69 61.9 27.8 41.8
84 83.6 76.9 115.3

Manual Integrations
APPROVED

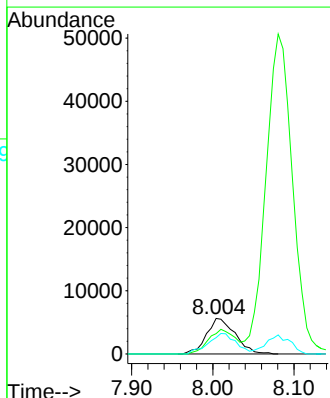
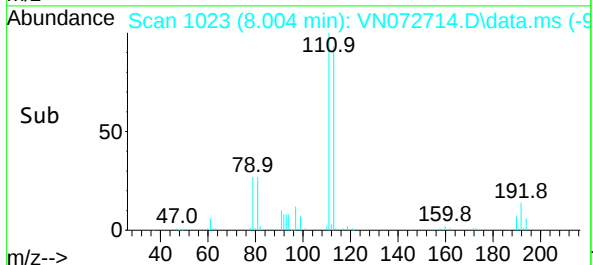
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

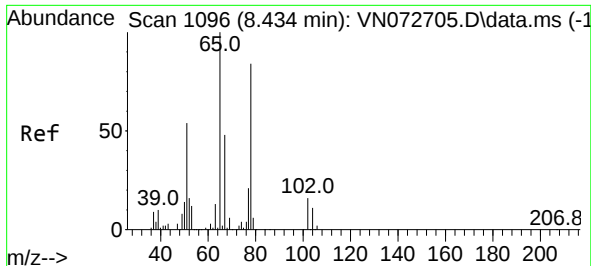


#32
1,1,1-Trichloroethane
Concen: 2.737 ug/l
RT: 8.004 min Scan# 1023
Delta R.T. -0.006 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44



Tgt Ion: 97 Resp: 13797
Ion Ratio Lower Upper
97 100
99 63.4 50.6 76.0
61 55.7 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 55.392 ug/l

RT: 8.433 min Scan# 1109

Delta R.T. -0.001 min

Lab File: VN072714.D

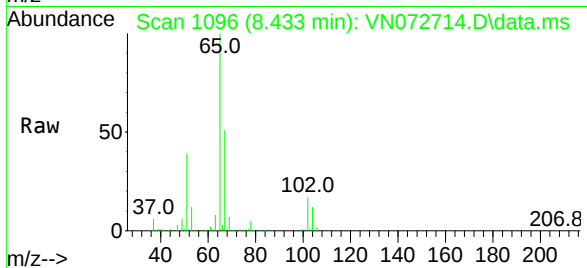
Acq: 08 Jun 2022 22:44

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022



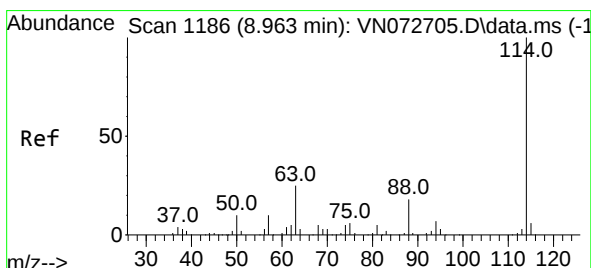
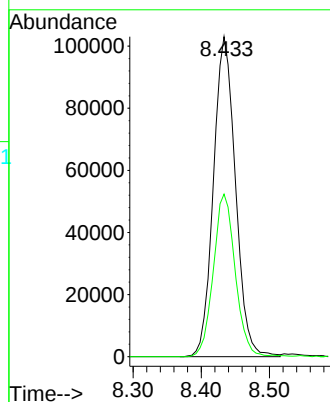
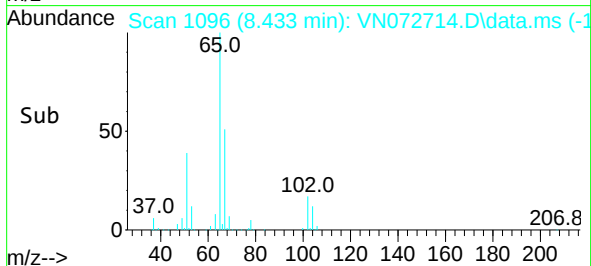
Tgt Ion:	65	Resp:	23204
Ion Ratio	Lower	Upper	
65	100		
67	50.2	0.0	104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

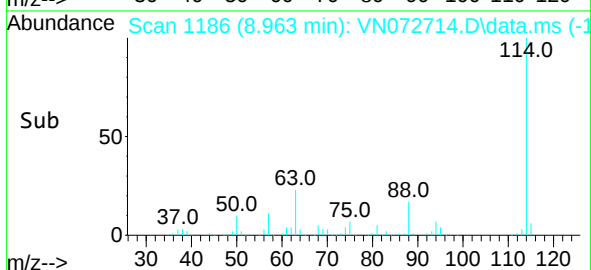
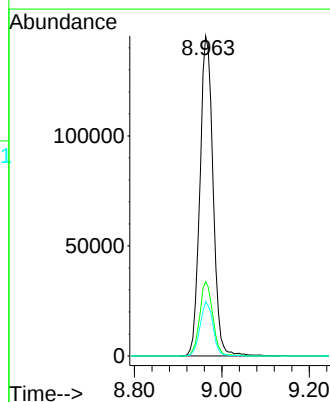
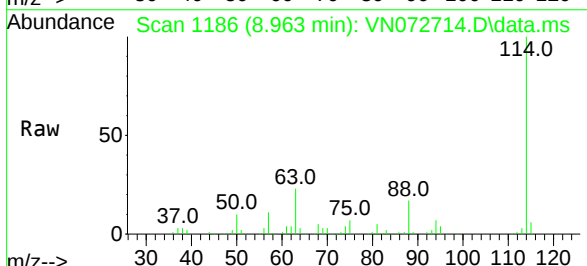
RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072714.D

Acq: 08 Jun 2022 22:44

Tgt Ion:	114	Resp:	304810
Ion Ratio	Lower	Upper	
114	100		
63	23.2	0.0	40.0
88	17.0	0.0	32.6





#35

Dibromofluoromethane

Concen: 51.634 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN072714.D

Acq: 08 Jun 2022 22:44

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

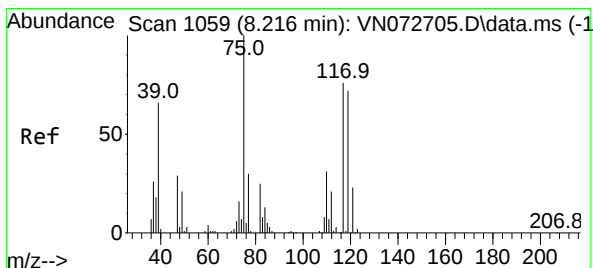
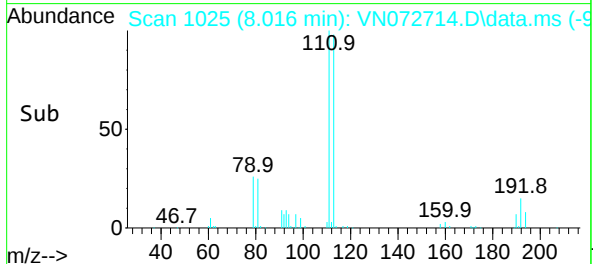
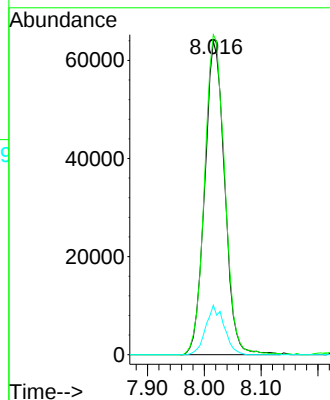
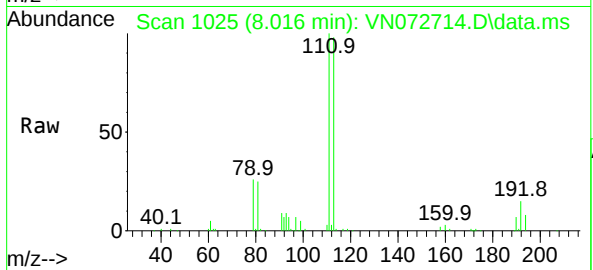
Tgt Ion:	113	Resp:	15573
Ion Ratio	Lower	Upper	
113	100		
111	102.9	81.4	122.0
192	14.6	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#36

1,1-Dichloropropene

Concen: 2.739 ug/l

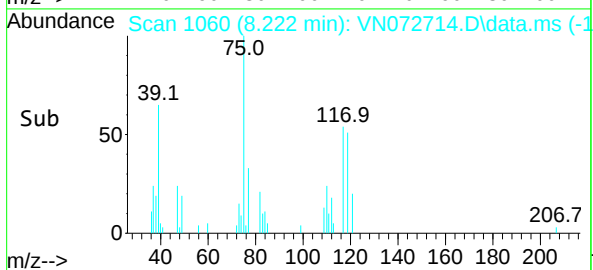
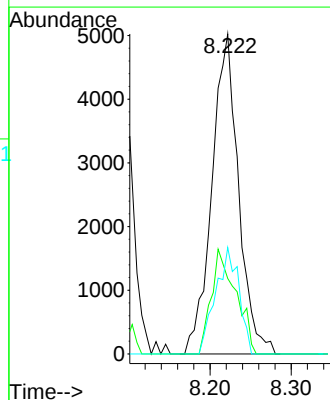
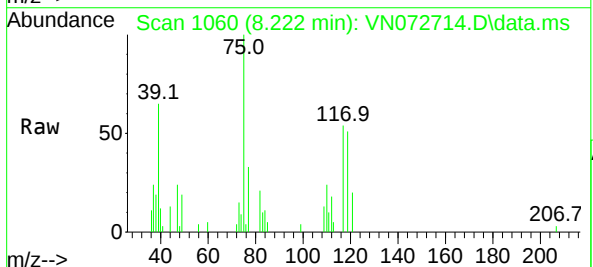
RT: 8.222 min Scan# 1060

Delta R.T. 0.006 min

Lab File: VN072714.D

Acq: 08 Jun 2022 22:44

Tgt Ion:	75	Resp:	11466
Ion Ratio	Lower	Upper	
75	100		
110	30.3	18.3	54.8
77	28.9	25.1	37.7





#37

Ethyl Acetate

Concen: 2.419 ug/l

RT: 7.404 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN072714.D

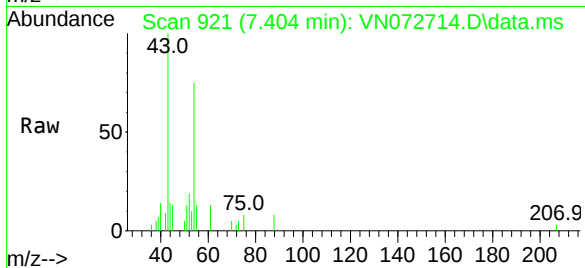
Acq: 08 Jun 2022 22:44

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 43 Resp: 15734

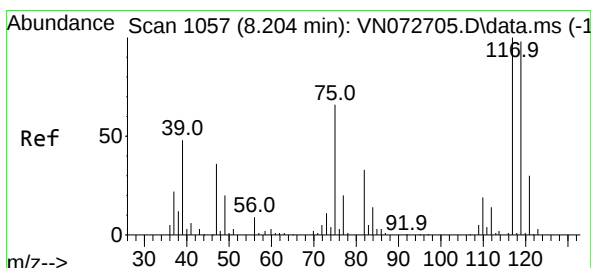
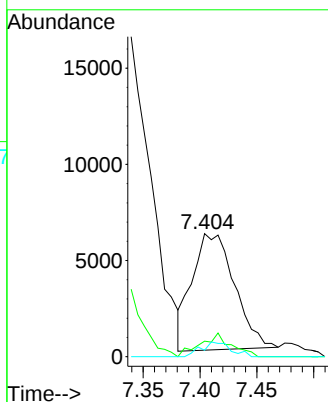
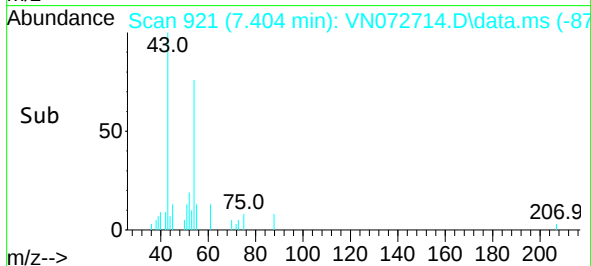
Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.8	17.6
70	8.7	9.3	13.9

Manual Integrations

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Reviewed By :John Carlone 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#38

Carbon Tetrachloride

Concen: 2.670 ug/l

RT: 8.210 min Scan# 1058

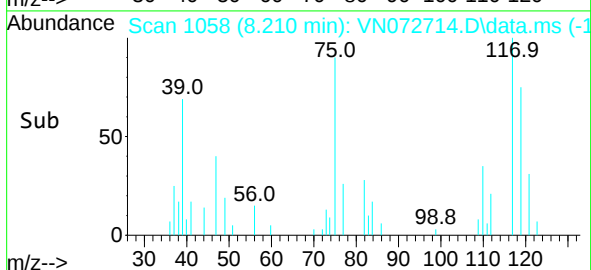
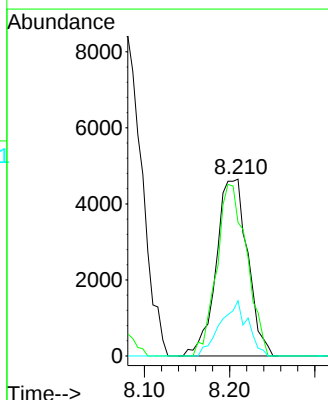
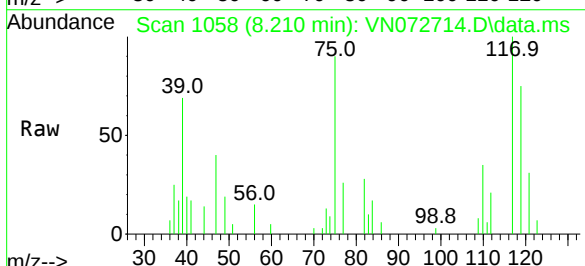
Delta R.T. 0.006 min

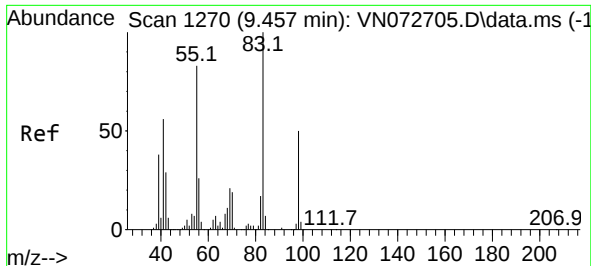
Lab File: VN072714.D

Acq: 08 Jun 2022 22:44

Tgt Ion:117 Resp: 11943

Ion	Ratio	Lower	Upper
117	100		
119	75.4	75.8	113.8
121	31.2	24.6	37.0





#39

Methylcyclohexane

Concen: 2.651 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN072714.D

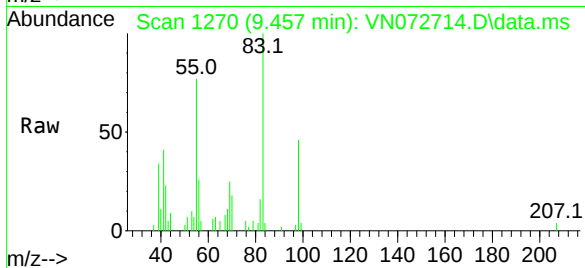
Acq: 08 Jun 2022 22:44

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022



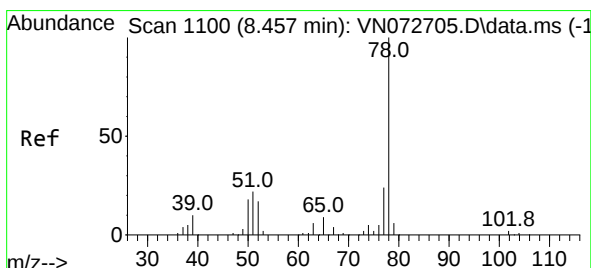
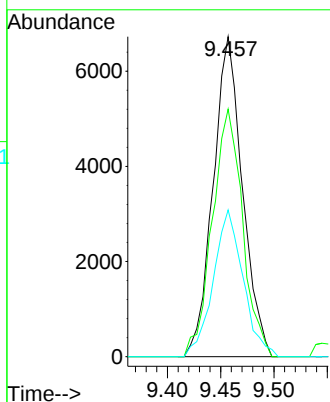
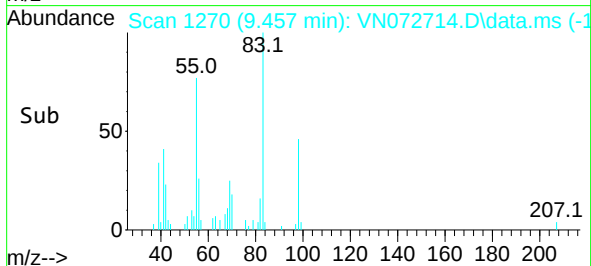
Tgt Ion: 83	Resp: 1287
Ion Ratio	Lower Upper
83	100
55	77.4 57.8 86.8
98	45.8 39.4 59.2

Manual Integrations

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Reviewed By :John Carlone 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#40

Benzene

Concen: 2.743 ug/l

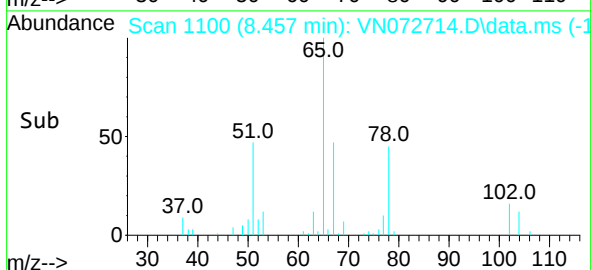
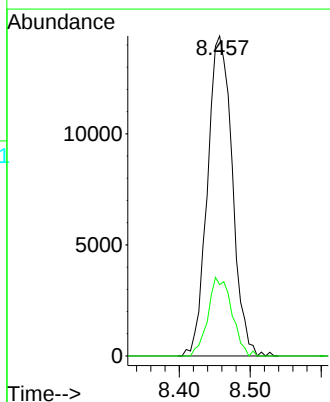
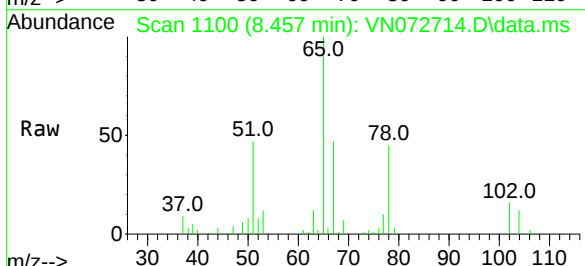
RT: 8.457 min Scan# 1100

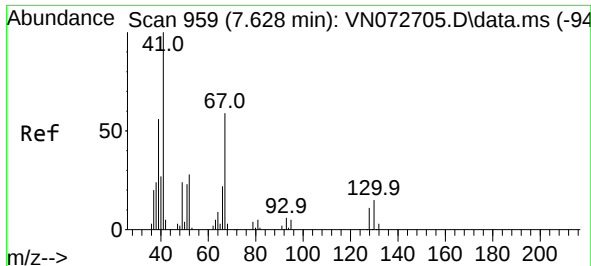
Delta R.T. -0.000 min

Lab File: VN072714.D

Acq: 08 Jun 2022 22:44

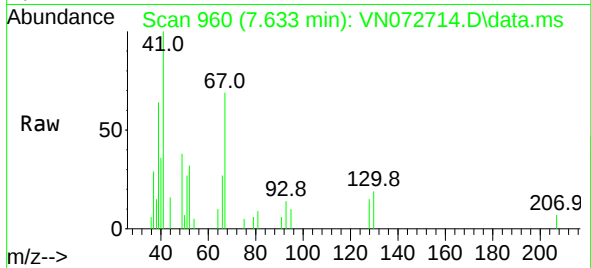
Tgt Ion: 78	Resp: 34846
Ion Ratio	Lower Upper
78	100
77	22.3 19.4 29.0





#41
Methacrylonitrile
Concen: 2.174 ug/l m
RT: 7.633 min Scan# 959
Delta R.T. 0.005 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44

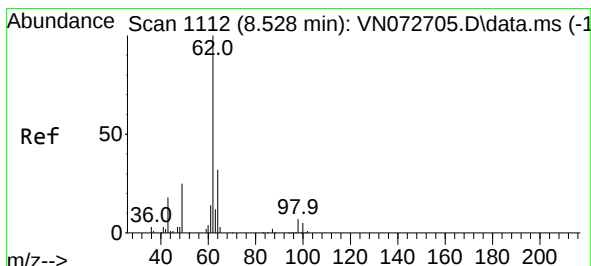
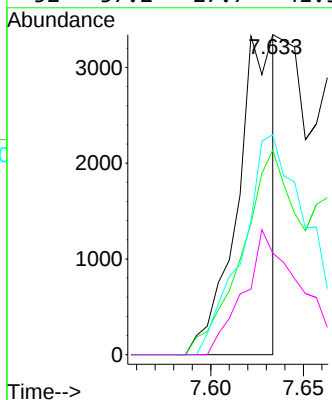
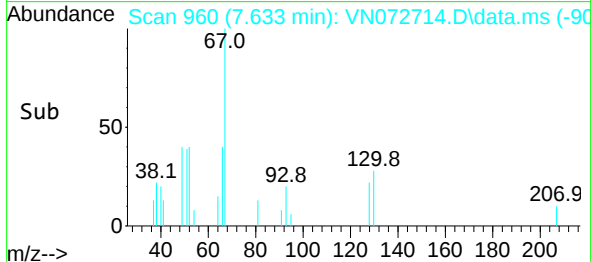
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 41 Resp: 4760
Ion Ratio Lower Upper
41 100
39 92.6 48.6 73.0
67 121.0 73.4 110.2
52 57.2 27.7 41.5

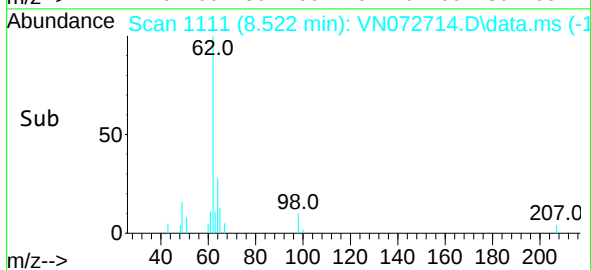
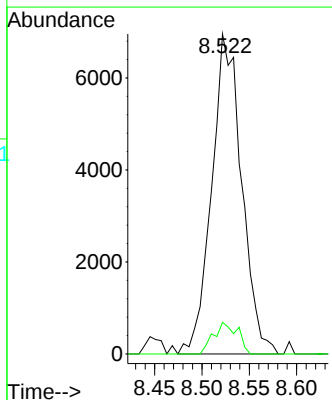
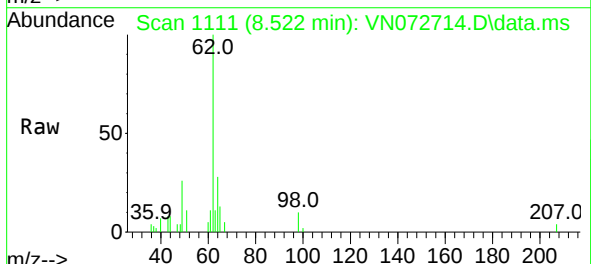
Manual Integrations
APPROVED

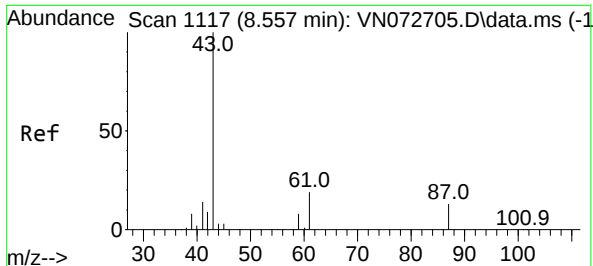
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#42
1,2-Dichloroethane
Concen: 2.903 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. -0.006 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44

Tgt Ion: 62 Resp: 15289
Ion Ratio Lower Upper
62 100
98 7.9 0.0 19.4





#43

Isopropyl Acetate

Concen: 2.552 ug/l

RT: 8.557 min Scan# 1117

Delta R.T. -0.000 min

Lab File: VN072714.D

Acq: 08 Jun 2022 22:44

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

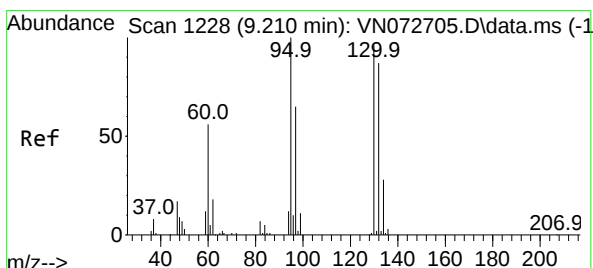
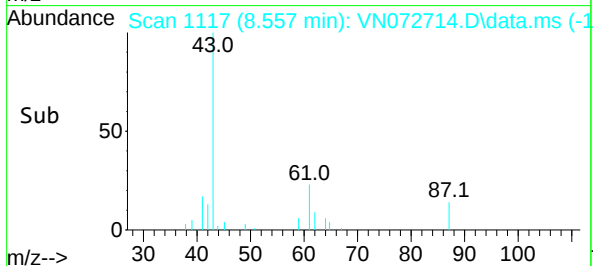
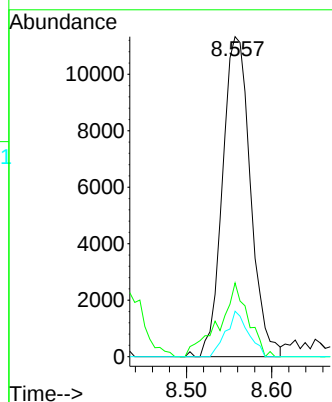
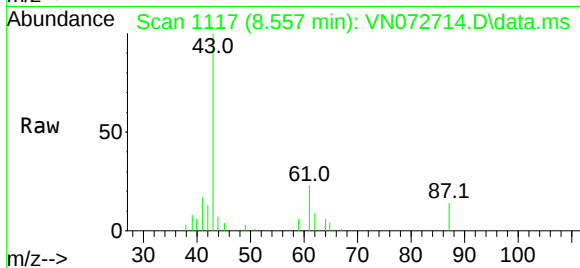
Tgt Ion: 43	Resp: 25850
Ion Ratio	Lower Upper
43 100	
61 24.0	21.9 32.9
87 11.4	12.0 18.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#44

Trichloroethene

Concen: 2.659 ug/l

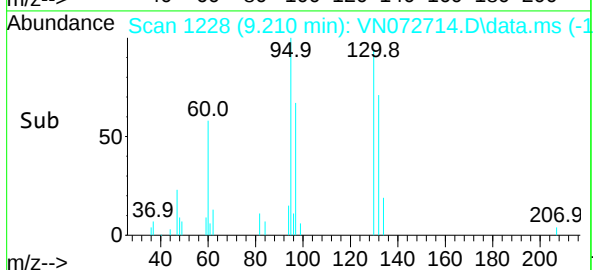
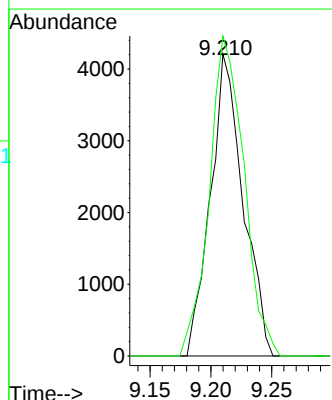
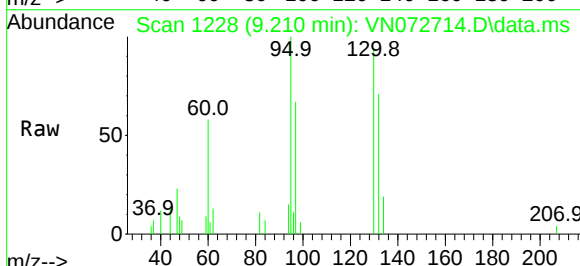
RT: 9.210 min Scan# 1228

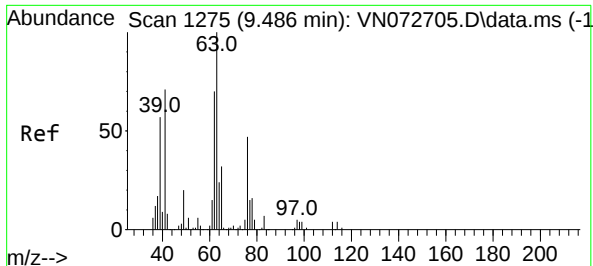
Delta R.T. -0.000 min

Lab File: VN072714.D

Acq: 08 Jun 2022 22:44

Tgt Ion:130	Resp: 7864
Ion Ratio	Lower Upper
130 100	
95 106.0	0.0 186.8





#45

1,2-Dichloropropane

Concen: 2.637 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN072714.D

Acq: 08 Jun 2022 22:44

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

Tgt Ion: 63 Resp: 905

Ion Ratio Lower Upper

63 100

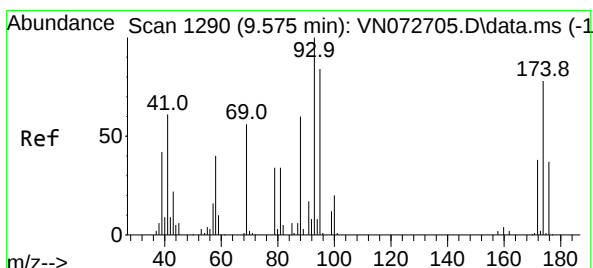
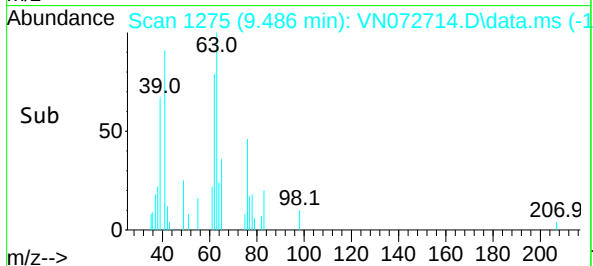
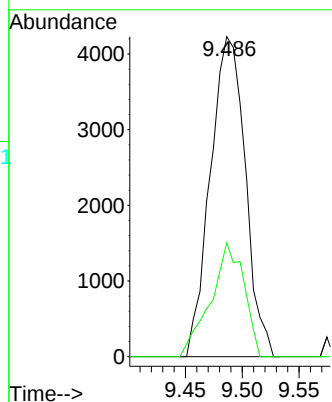
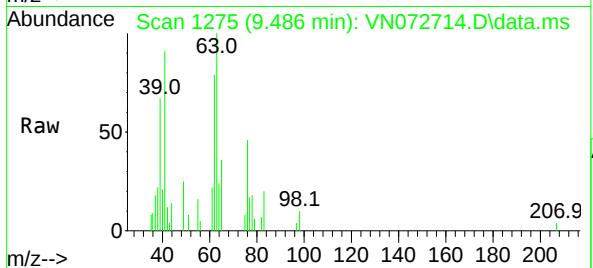
65 35.6 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#46

Dibromomethane

Concen: 2.622 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN072714.D

Acq: 08 Jun 2022 22:44

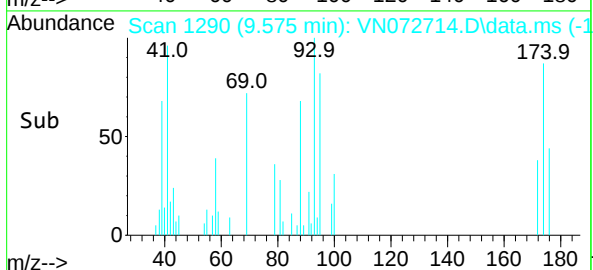
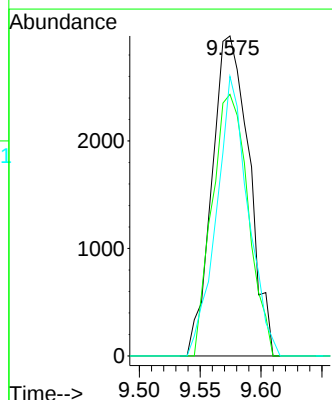
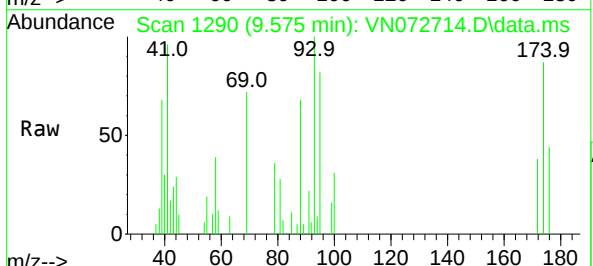
Tgt Ion: 93 Resp: 6292

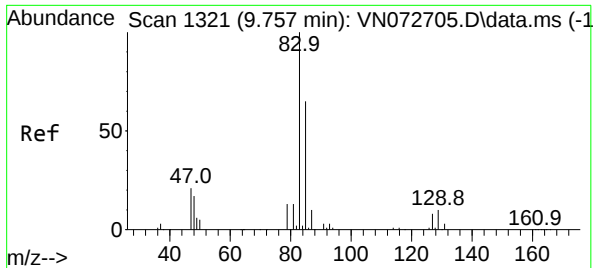
Ion Ratio Lower Upper

93 100

95 79.8 66.9 100.3

174 75.2 86.6 130.0#





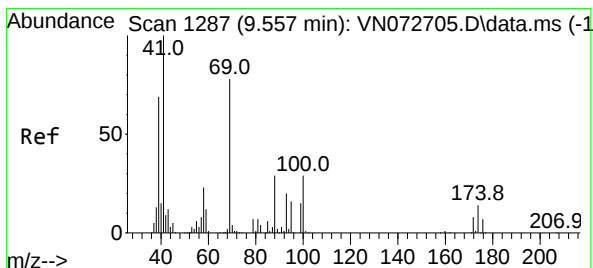
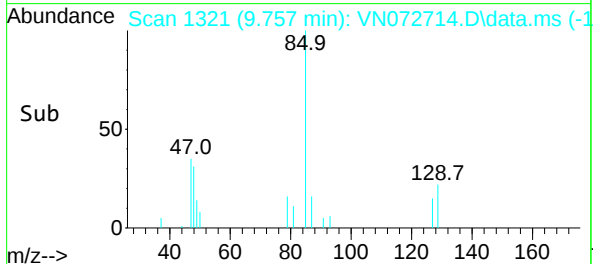
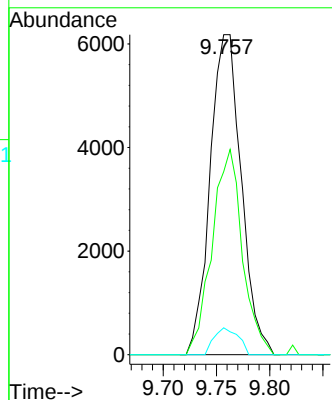
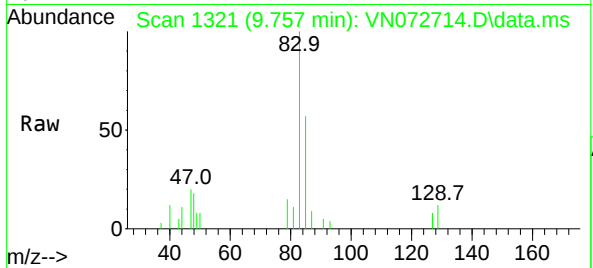
#47
Bromodichloromethane
Concen: 2.547 ug/l
RT: 9.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44

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

Tgt Ion: 83 Resp: 1256
Ion Ratio Lower Upper
83 100
85 57.2 50.5 75.7
127 8.4 6.8 10.2

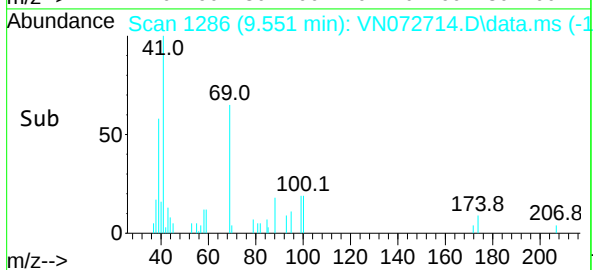
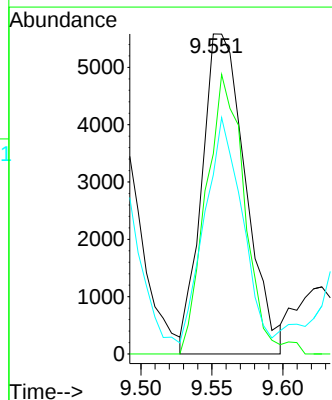
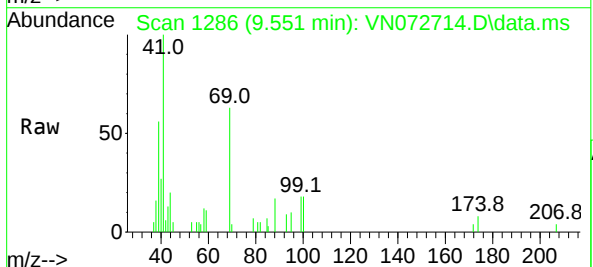
Manual Integrations
APPROVED

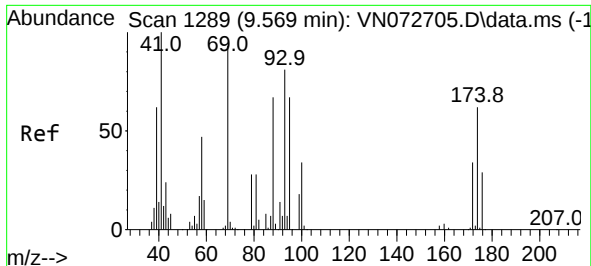
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#48
Methyl methacrylate
Concen: 2.497 ug/l
RT: 9.551 min Scan# 1286
Delta R.T. -0.006 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44

Tgt Ion: 41 Resp: 11965
Ion Ratio Lower Upper
41 100
69 77.3 74.7 112.1
39 65.4 45.6 68.4





#49

1,4-Dioxane

Concen: 50.089 ug/l

RT: 9.569 min Scan# 1289

Delta R.T. -0.000 min

Lab File: VN072714.D

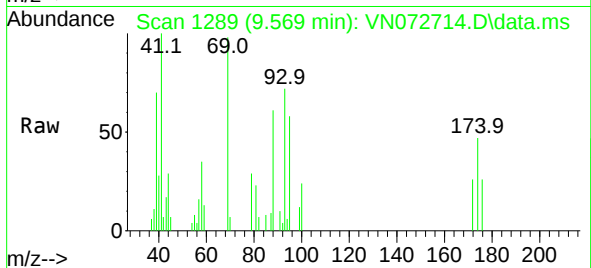
Acq: 08 Jun 2022 22:44

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022



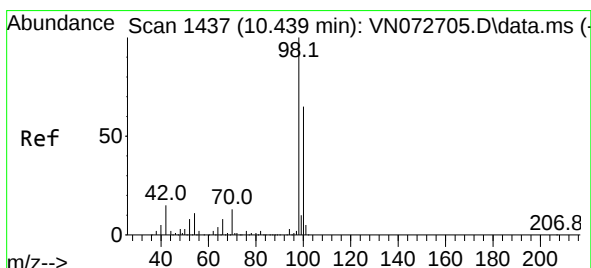
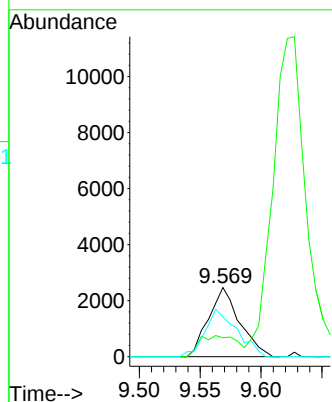
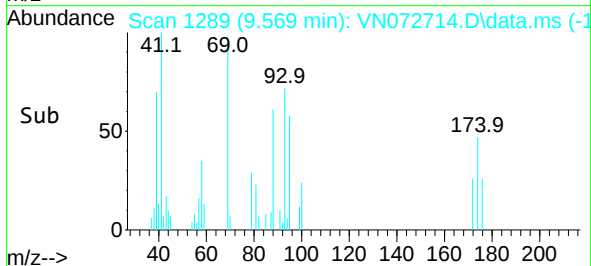
Tgt Ion:	88	Resp:	438
Ion Ratio	Lower	Upper	
88	100		
43	36.9	20.2	30.4
58	70.2	54.2	81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#50

Toluene-d8

Concen: 49.783 ug/l

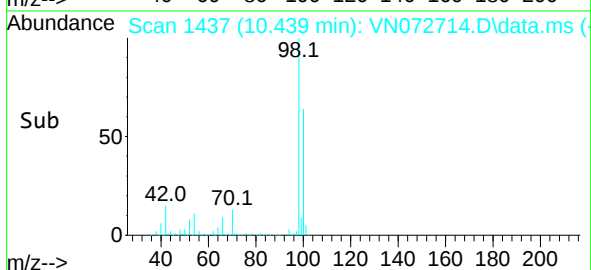
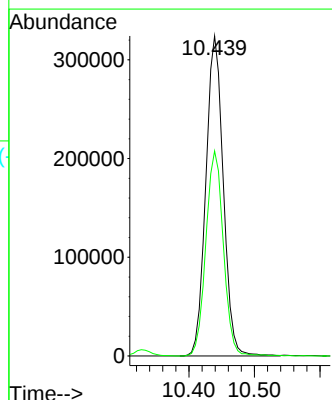
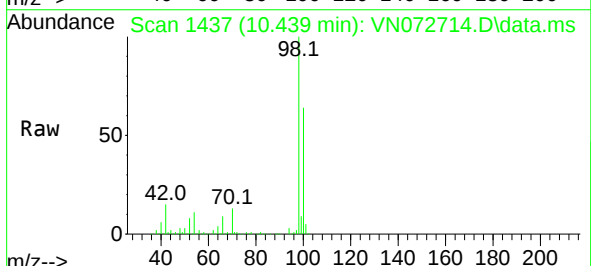
RT: 10.439 min Scan# 1437

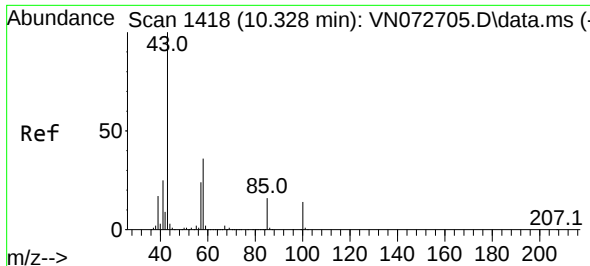
Delta R.T. 0.000 min

Lab File: VN072714.D

Acq: 08 Jun 2022 22:44

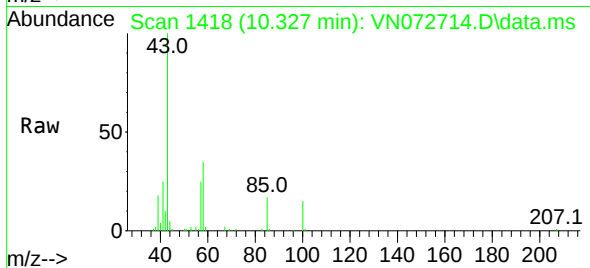
Tgt Ion:	98	Resp:	599062
Ion Ratio	Lower	Upper	
98	100		
100	64.6	52.6	78.8





#51
4-Methyl-2-Pentanone
Concen: 12.366 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.001 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44

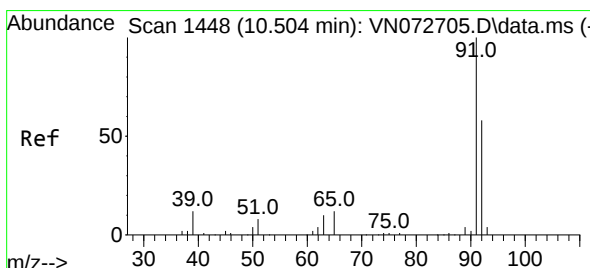
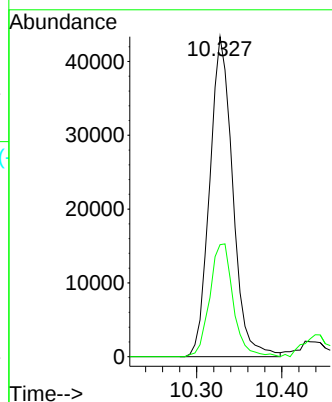
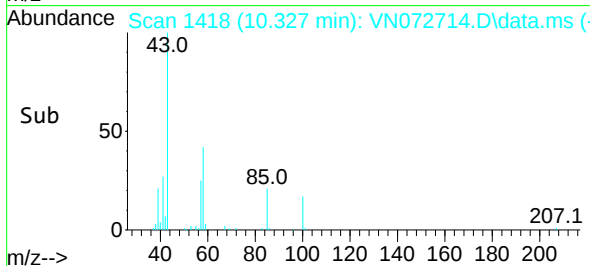
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



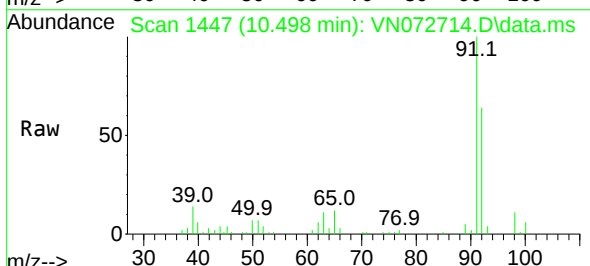
Tgt Ion: 43 Resp: 81578
Ion Ratio Lower Upper
43 100
58 35.8 34.1 51.1

Manual Integrations
APPROVED

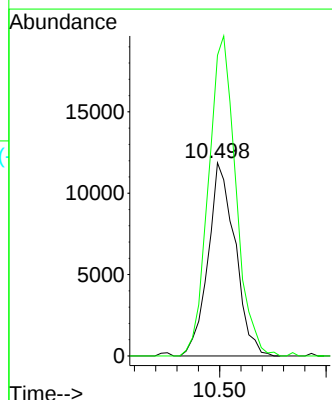
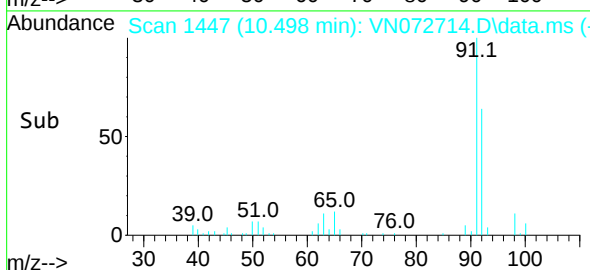
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

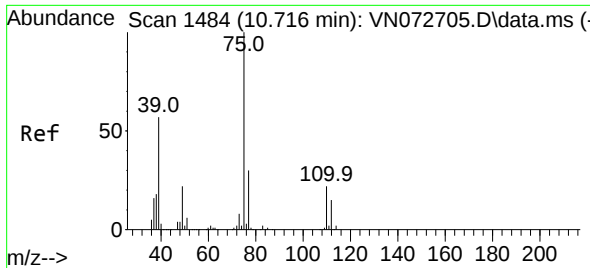


#52
Toluene
Concen: 2.639 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44



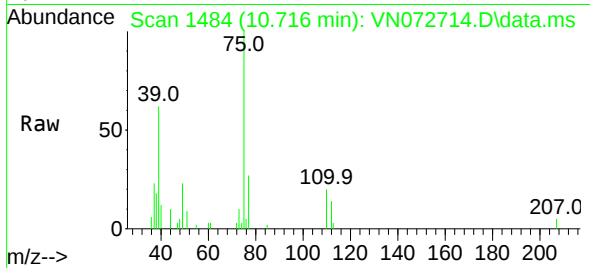
Tgt Ion: 92 Resp: 20934
Ion Ratio Lower Upper
92 100
91 167.8 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 2.221 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44

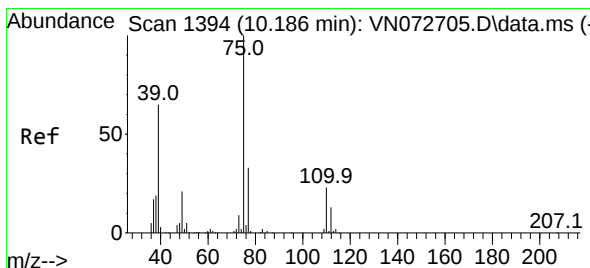
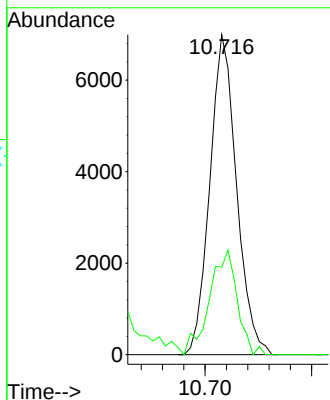
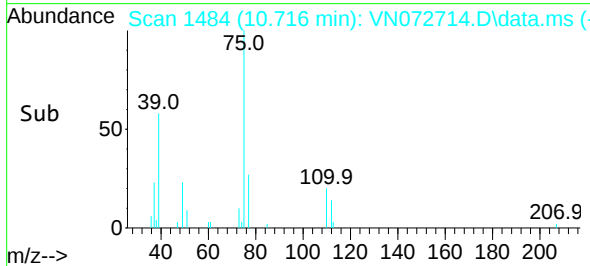
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



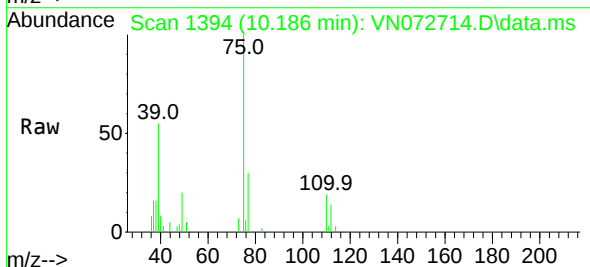
Tgt Ion: 75 Resp: 1217
Ion Ratio Lower Upper
75 100
77 27.4 25.6 38.4

Manual Integrations
APPROVED

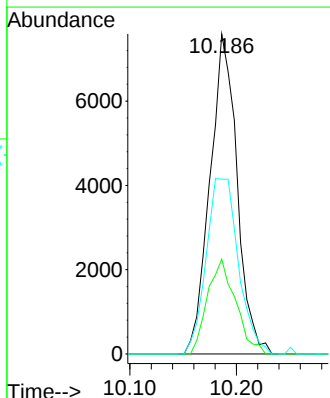
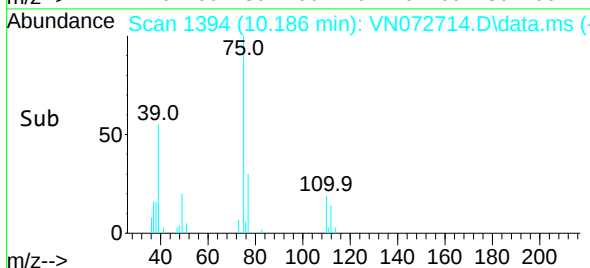
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

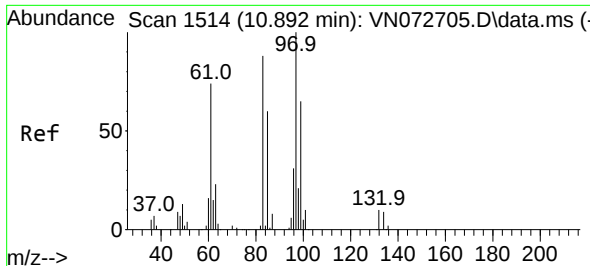


#54
cis-1,3-Dichloropropene
Concen: 2.366 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44



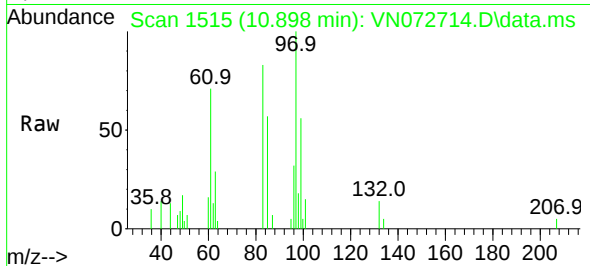
Tgt Ion: 75 Resp: 13395
Ion Ratio Lower Upper
75 100
77 29.6 25.2 37.8
39 54.7 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 2.606 ug/l
RT: 10.898 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44

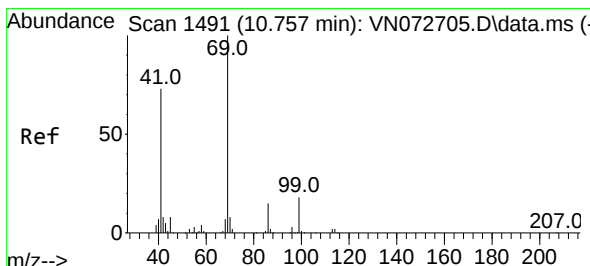
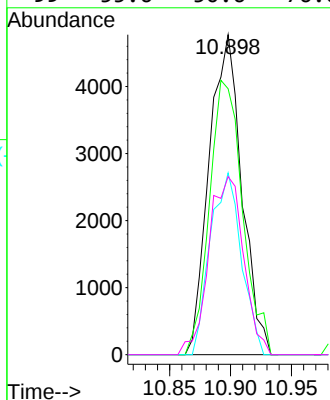
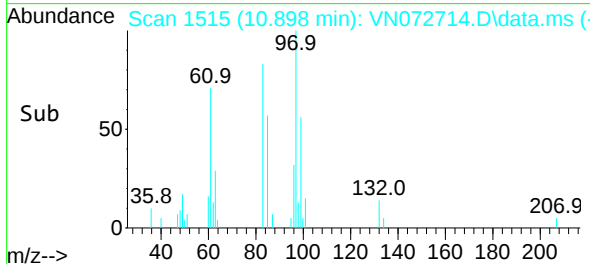
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



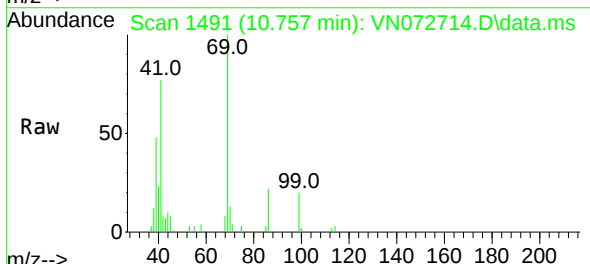
Tgt Ion:	97	Resp:	8920
Ion	Ratio	Lower	Upper
97	100		
83	83.1	66.2	99.4
85	56.8	43.9	65.9
99	55.6	50.6	76.0

Manual Integrations
APPROVED

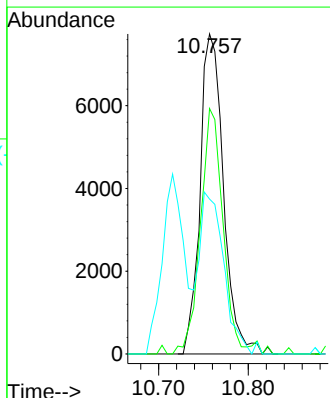
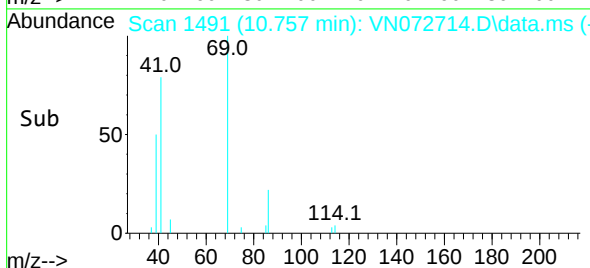
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

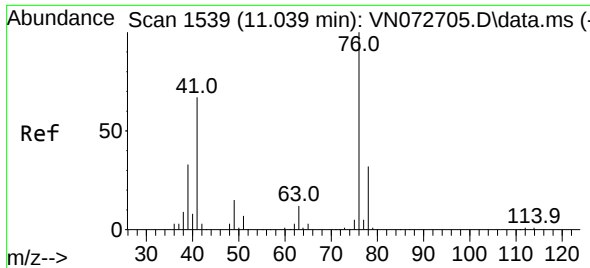


#56
Ethyl methacrylate
Concen: 2.319 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44



Tgt Ion:	69	Resp:	14040
Ion	Ratio	Lower	Upper
69	100		
41	73.3	47.8	71.6#
39	51.2	27.3	40.9#





#57

1,3-Dichloropropane

Concen: 2.427 ug/l

RT: 11.045 min Scan# 1539

Delta R.T. 0.006 min

Lab File: VN072714.D

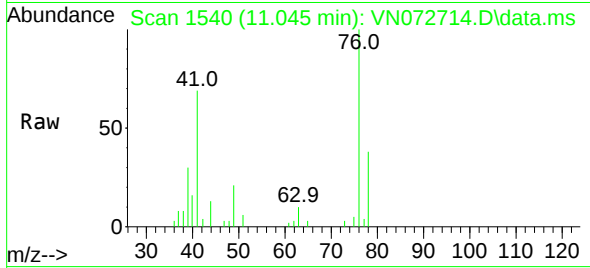
Acq: 08 Jun 2022 22:44

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 76 Resp: 1483

Ion Ratio Lower Upper

76 100

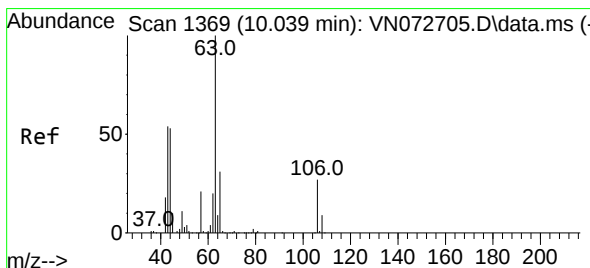
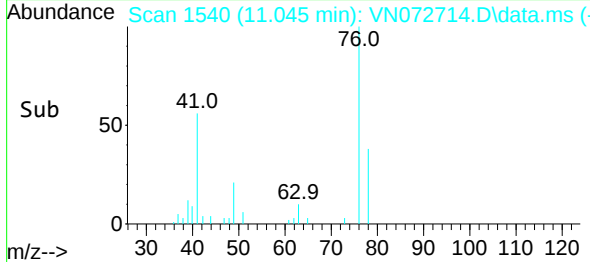
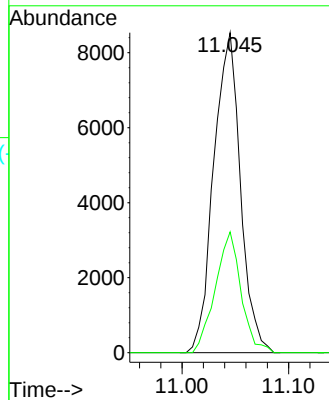
78 36.4 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#58

2-Chloroethyl Vinyl ether

Concen: 10.629 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VN072714.D

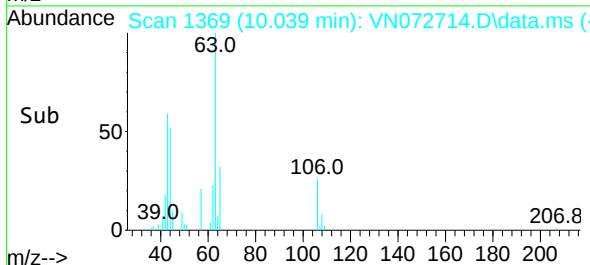
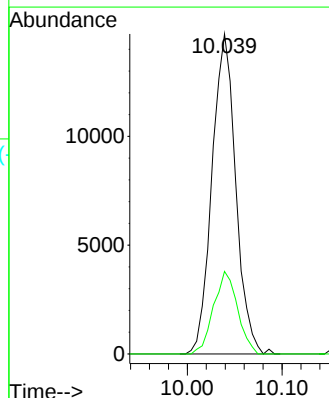
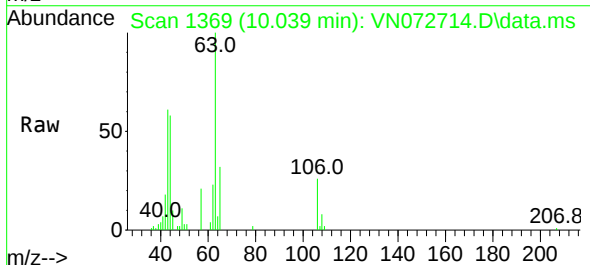
Acq: 08 Jun 2022 22:44

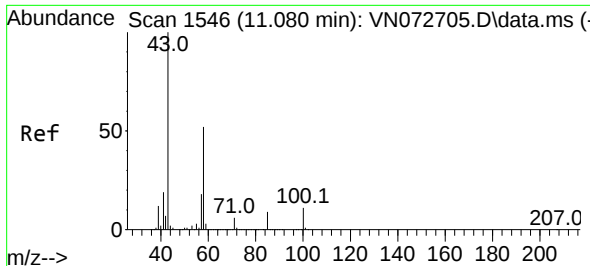
Tgt Ion: 63 Resp: 25645

Ion Ratio Lower Upper

63 100

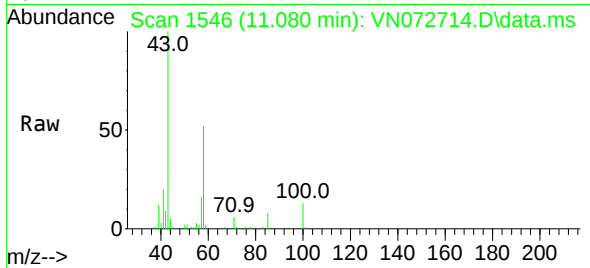
106 26.0 24.6 36.8





#59
2-Hexanone
Concen: 11.399 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44

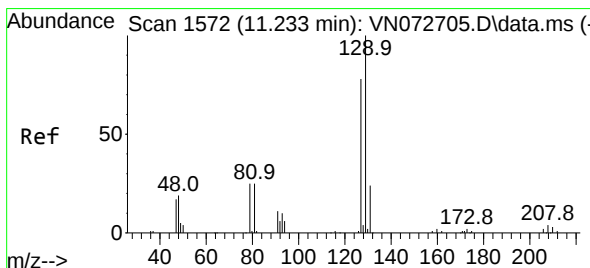
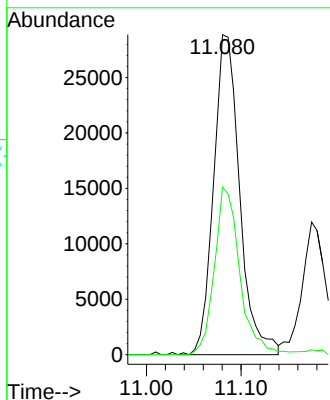
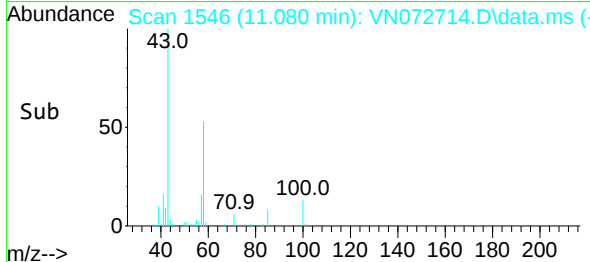
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 43 Resp: 5529
Ion Ratio Lower Upper
43 100
58 51.1 29.7 89.1

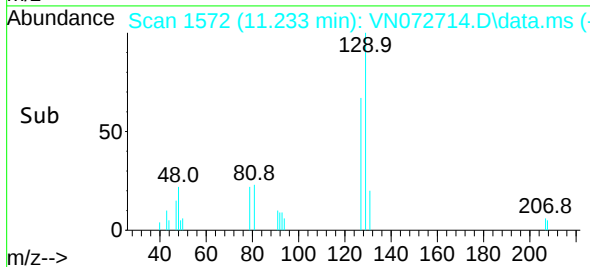
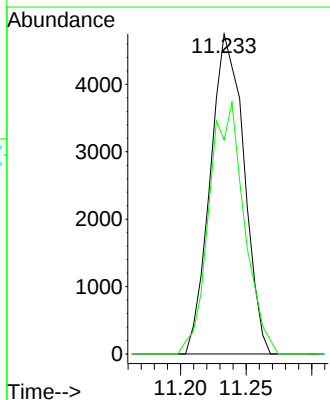
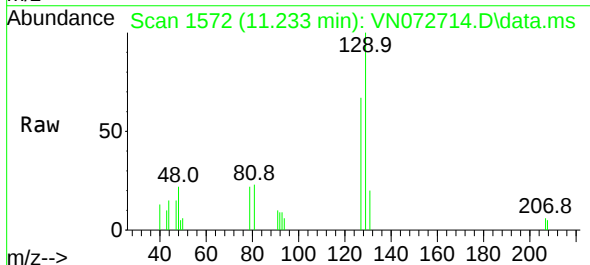
Manual Integrations
APPROVED

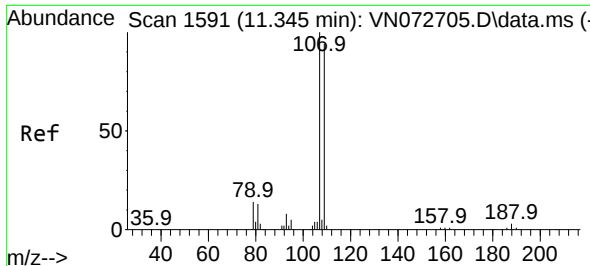
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#60
Dibromochloromethane
Concen: 2.387 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44

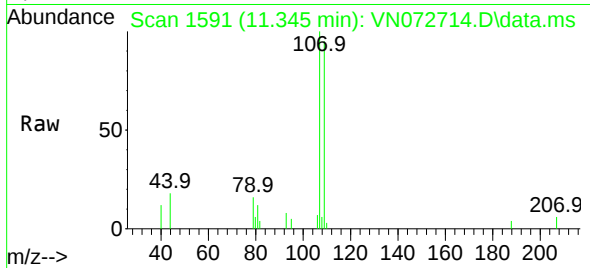
Tgt Ion:129 Resp: 8481
Ion Ratio Lower Upper
129 100
127 81.9 38.8 116.4





#61
1,2-Dibromoethane
Concen: 2.488 ug/l
RT: 11.345 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44

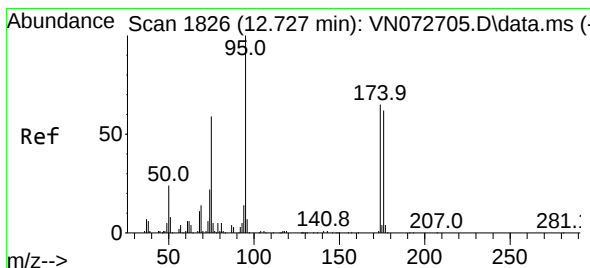
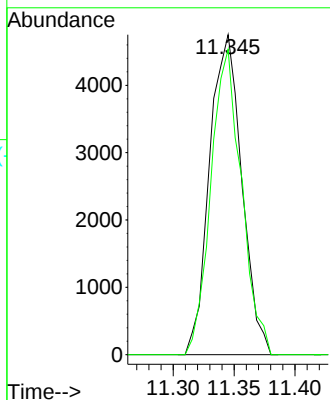
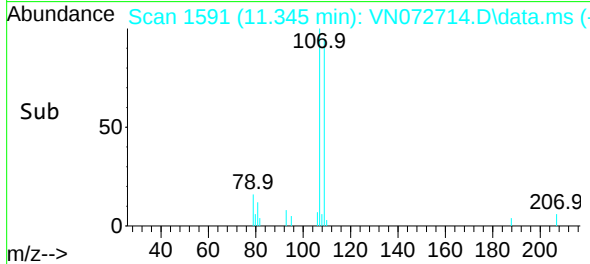
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



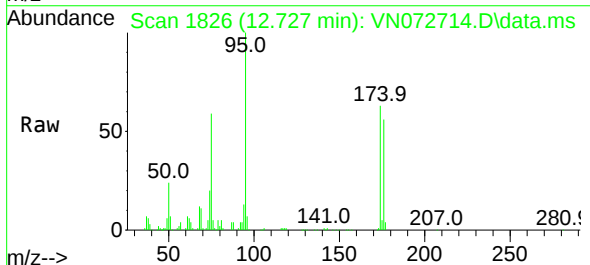
Tgt Ion: 107 Resp: 8728
Ion Ratio Lower Upper
107 100
109 90.8 75.0 112.6

Manual Integrations
APPROVED

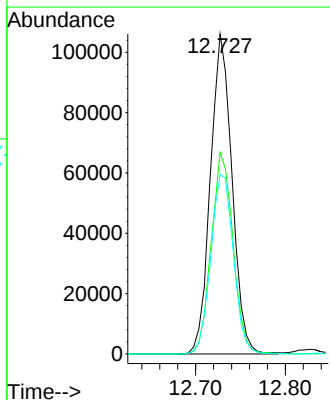
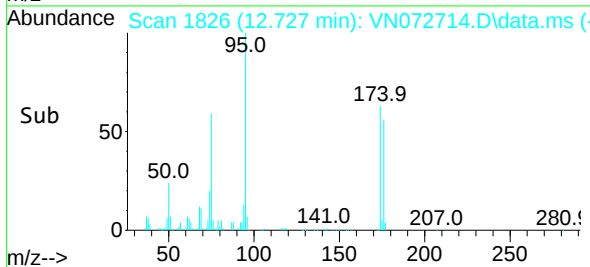
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

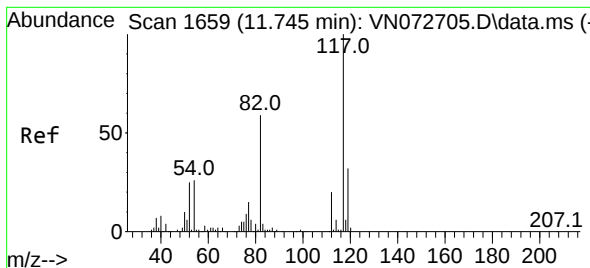


#62
4-Bromofluorobenzene
Concen: 42.937 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44



Tgt Ion: 95 Resp: 177299
Ion Ratio Lower Upper
95 100
174 63.5 0.0 167.6
176 58.9 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: VN072714.D

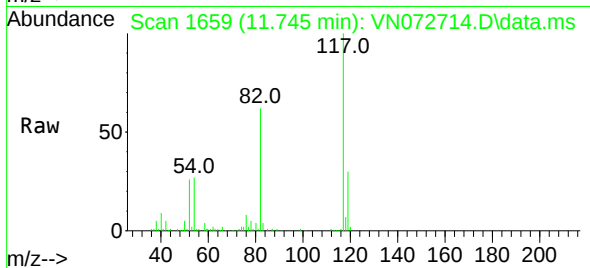
Acq: 08 Jun 2022 22:44

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022



Tgt Ion:117 Resp: 28335

Ion Ratio Lower Upper

117 100

82 61.5 44.2 66.2

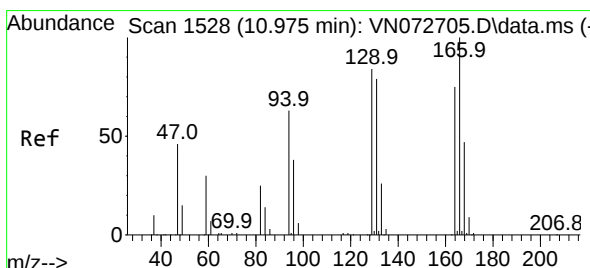
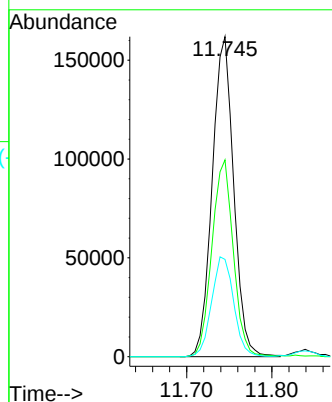
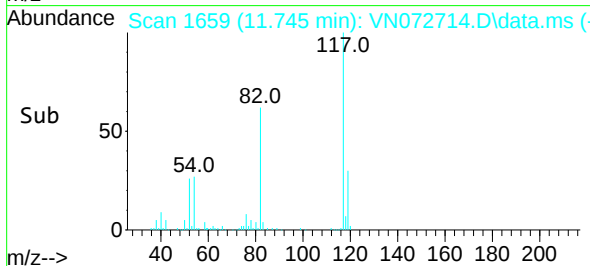
119 30.4 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#64

Tetrachloroethene

Concen: 3.060 ug/l

RT: 10.974 min Scan# 1528

Delta R.T. -0.001 min

Lab File: VN072714.D

Acq: 08 Jun 2022 22:44

Tgt Ion:164 Resp: 7301

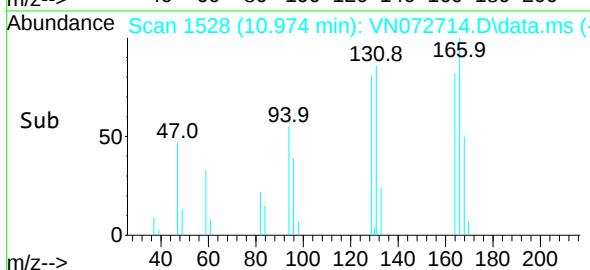
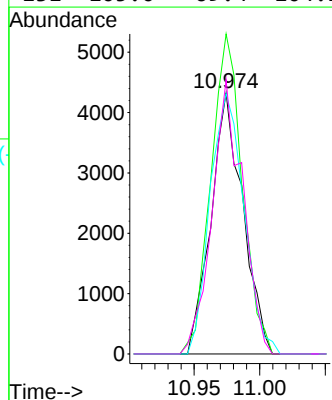
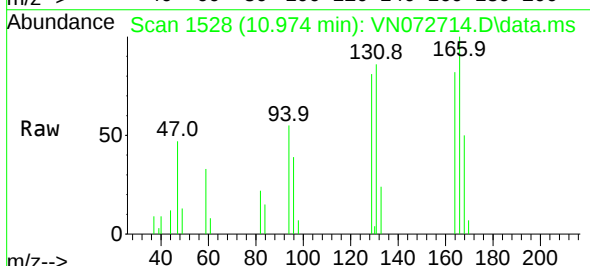
Ion Ratio Lower Upper

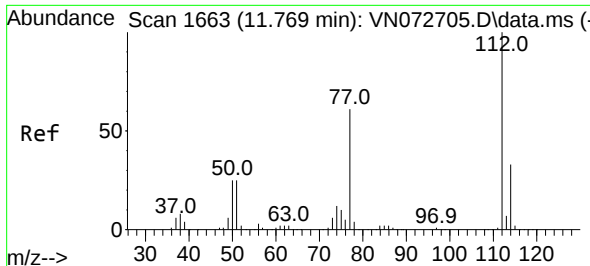
164 100

166 122.6 104.2 156.2

129 99.7 73.9 110.9

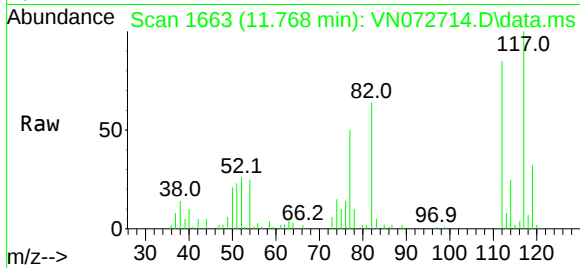
131 105.0 69.4 104.2#





#65
Chlorobenzene
Concen: 2.655 ug/l
RT: 11.768 min Scan# 1663
Delta R.T. -0.001 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44

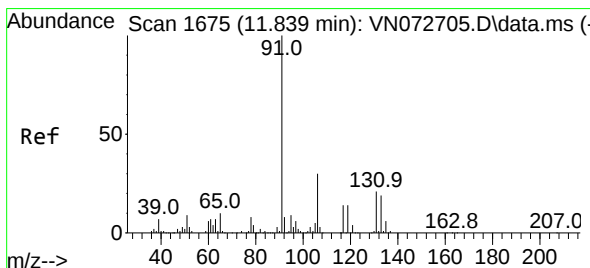
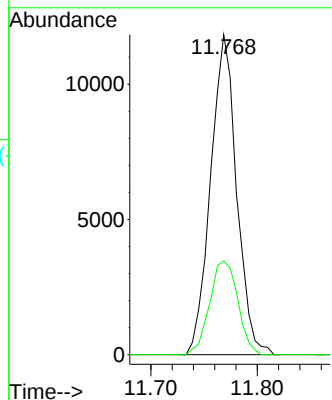
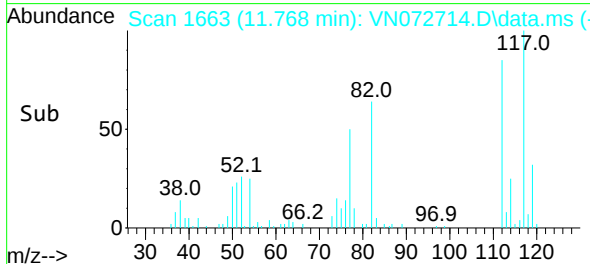
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



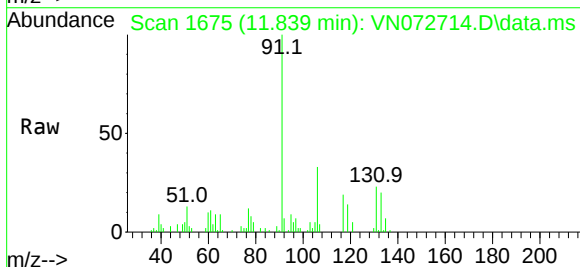
Tgt Ion:112 Resp: 2004
Ion Ratio Lower Upper
112 100
114 29.3 25.4 38.2

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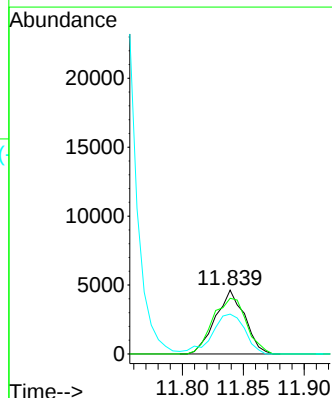
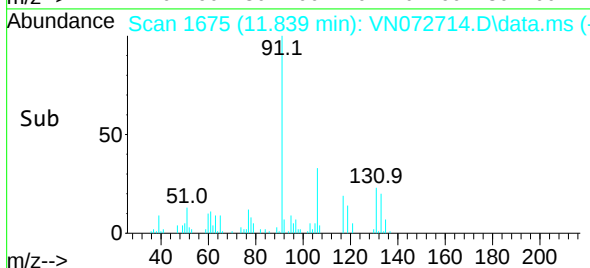
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

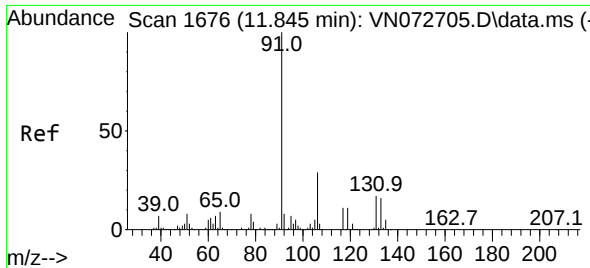


#66
1,1,1,2-Tetrachloroethane
Concen: 2.586 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44



Tgt Ion:131 Resp: 7766
Ion Ratio Lower Upper
131 100
133 100.7 47.8 143.4
119 69.7 33.4 100.2





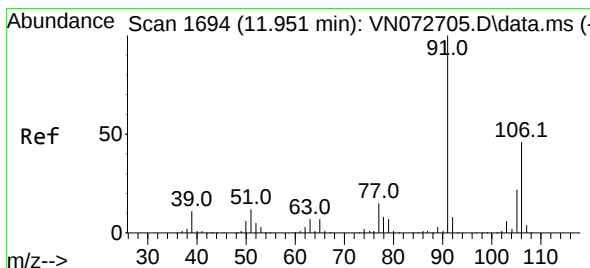
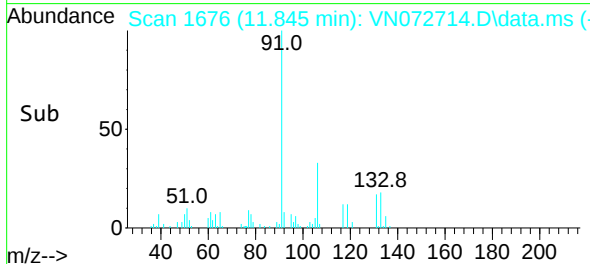
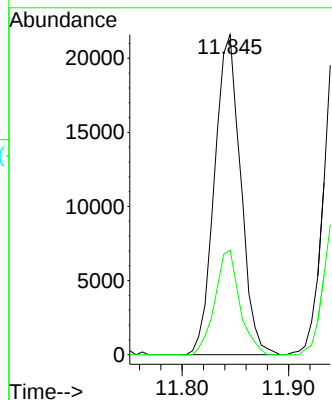
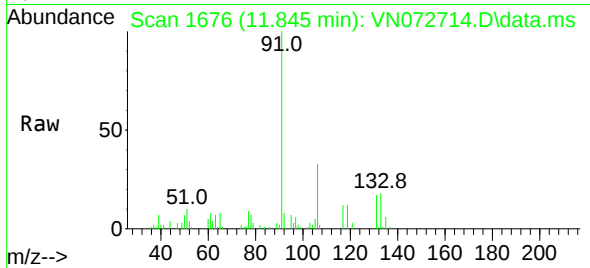
#67
Ethyl Benzene
Concen: 2.589 ug/l
RT: 11.845 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44

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

Tgt Ion: 91 Resp: 3675
Ion Ratio Lower Upper
91 100
106 32.7 24.9 37.3

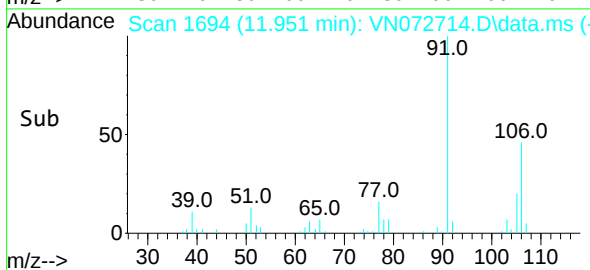
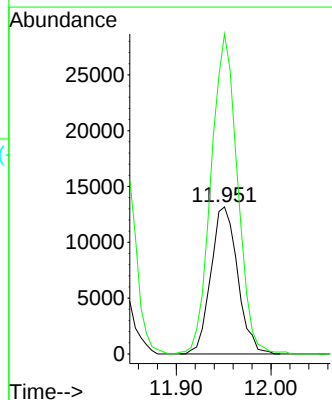
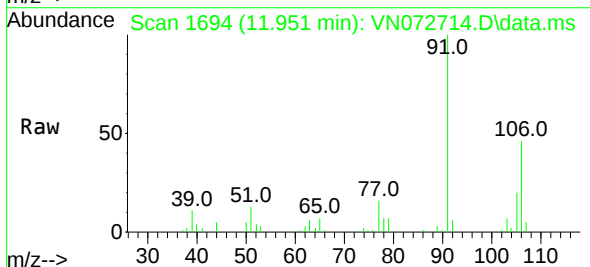
Manual Integrations
APPROVED

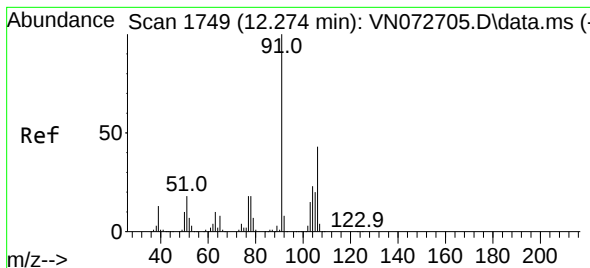
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#68
m/p-Xylenes
Concen: 5.125 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44

Tgt Ion:106 Resp: 25859
Ion Ratio Lower Upper
106 100
91 215.1 158.9 238.3





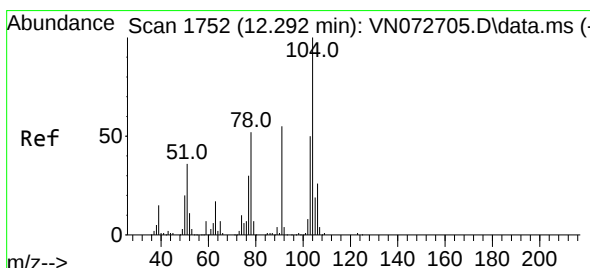
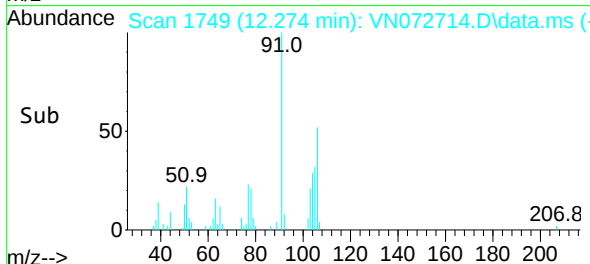
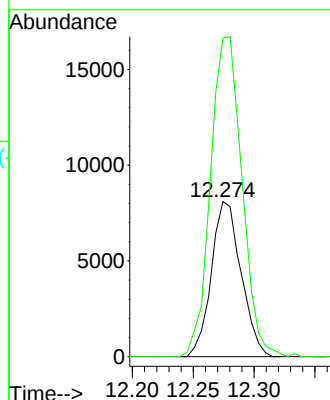
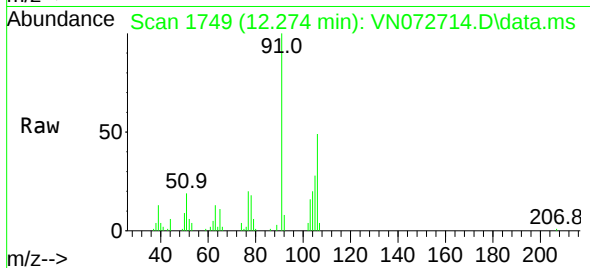
#69
o-Xylene
Concen: 2.709 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44

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

Tgt Ion:106 Resp: 1374
Ion Ratio Lower Upper
106 100
91 219.1 106.0 318.0

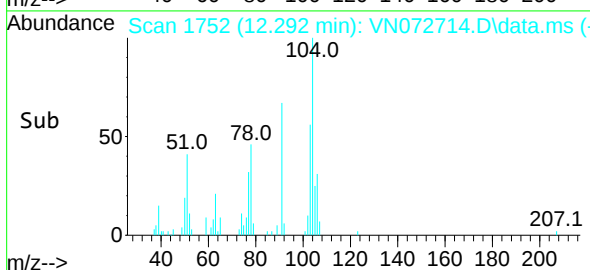
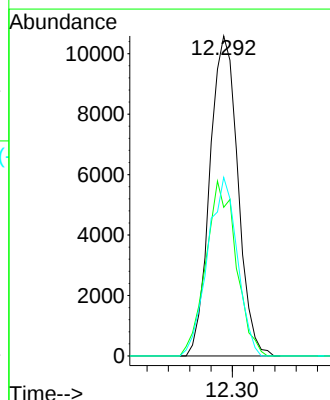
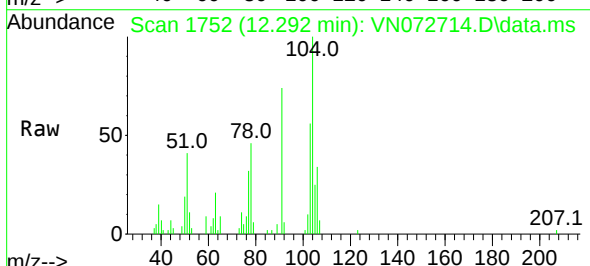
Manual Integrations
APPROVED

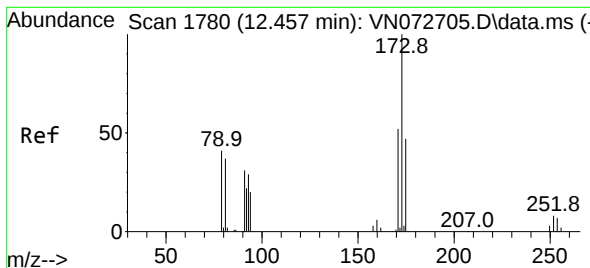
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#70
Styrene
Concen: 2.421 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44

Tgt Ion:104 Resp: 19295
Ion Ratio Lower Upper
104 100
78 59.1 39.5 59.3
103 58.9 44.0 66.0





#71

Bromoform

Concen: 2.308 ug/l

RT: 12.457 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VN072714.D

Acq: 08 Jun 2022 22:44

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

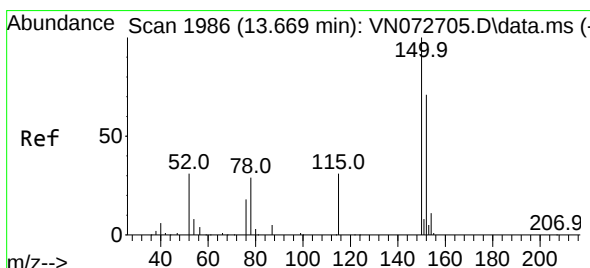
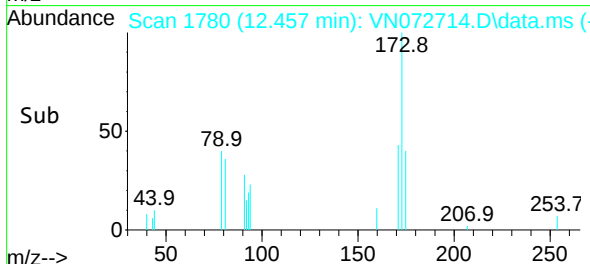
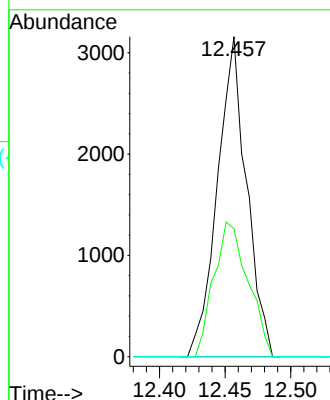
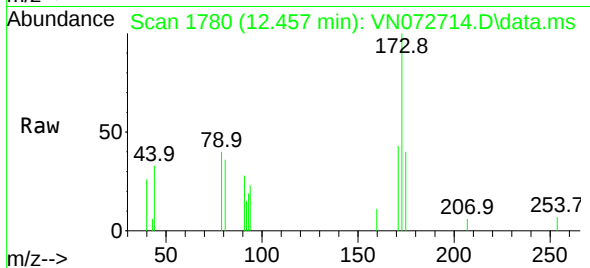
Tgt Ion:173	Resp:	4870
Ion Ratio	Lower	Upper
173	100	
175	49.5	24.6 73.6
254	0.0	0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

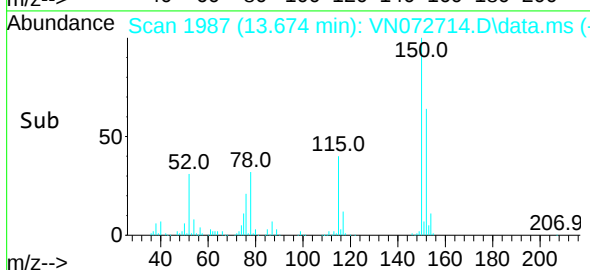
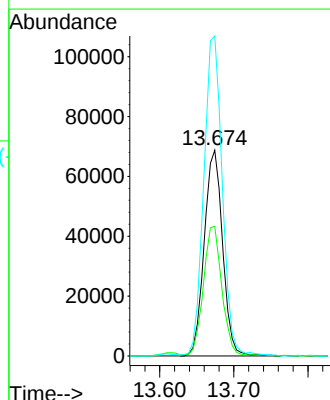
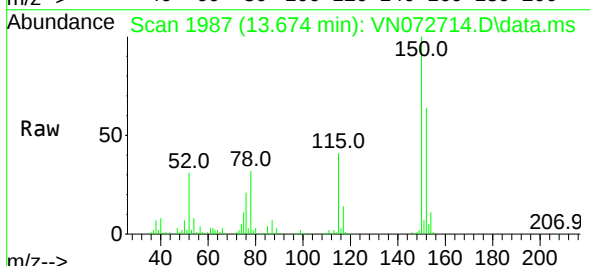
RT: 13.674 min Scan# 1987

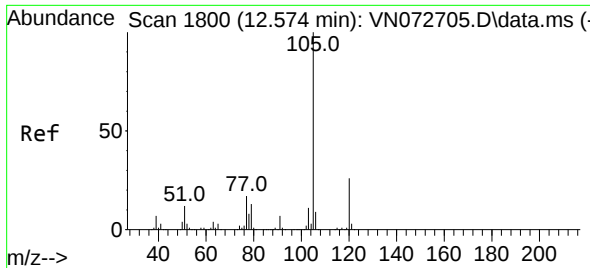
Delta R.T. 0.005 min

Lab File: VN072714.D

Acq: 08 Jun 2022 22:44

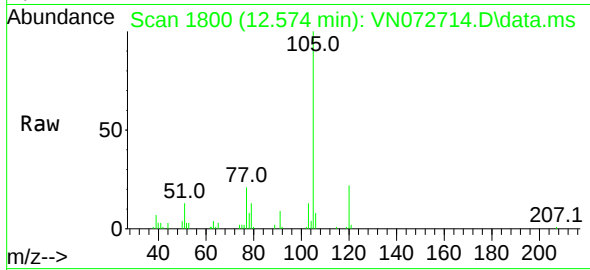
Tgt Ion:152	Resp:	118315
Ion Ratio	Lower	Upper
152	100	
115	64.0	28.9 86.7
150	156.7	0.0 356.2





#73
Isopropylbenzene
Concen: 2.583 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44

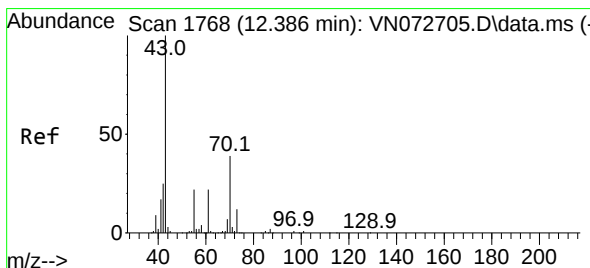
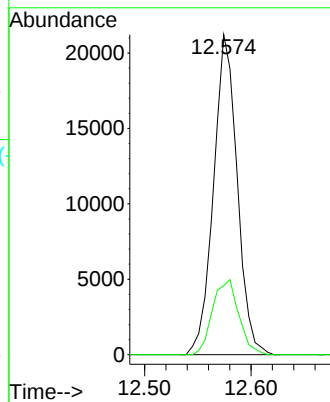
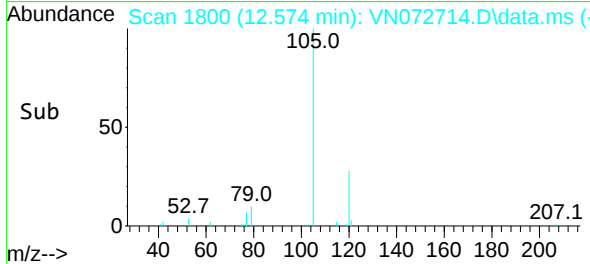
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion:105 Resp: 3278
Ion Ratio Lower Upper
105 100
120 25.9 13.5 40.4

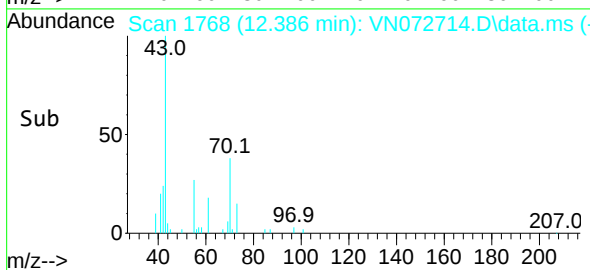
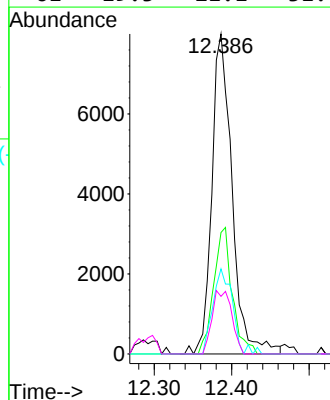
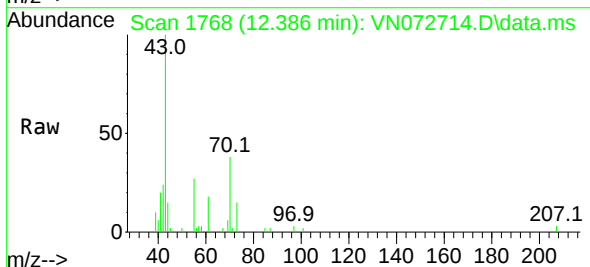
Manual Integrations
APPROVED

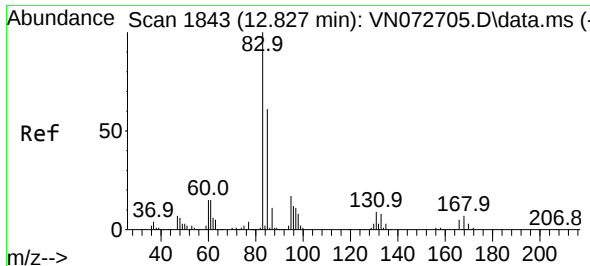
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#74
N-ethyl acetate
Concen: 2.456 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44

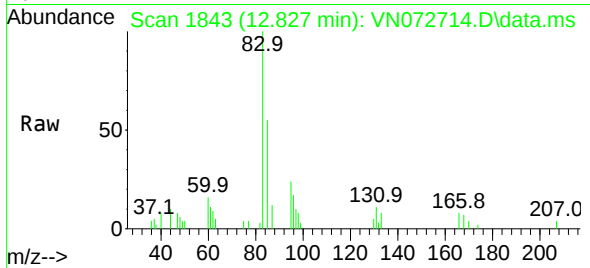
Tgt Ion: 43 Resp: 14489
Ion Ratio Lower Upper
43 100
70 36.3 39.0 58.4#
55 24.8 21.1 31.7
61 19.3 21.1 31.7#





#75
1,1,2,2-Tetrachloroethane
Concen: 2.635 ug/l
RT: 12.827 min Scan# 1843
Delta R.T. 0.000 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44

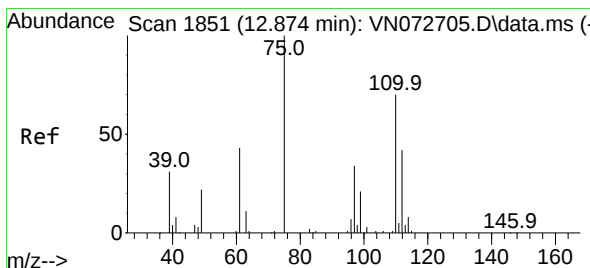
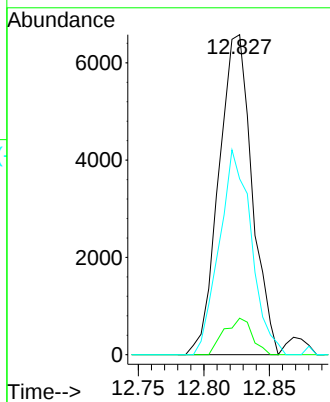
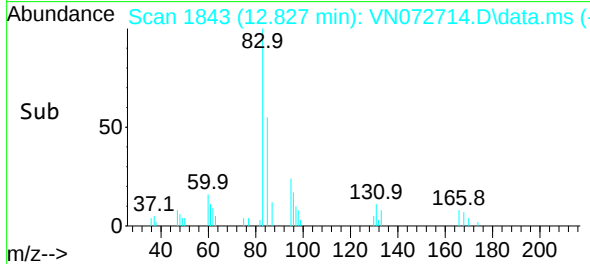
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 83 Resp: 11610
Ion Ratio Lower Upper
83 100
131 9.6 5.3 15.9
85 61.9 32.3 96.9

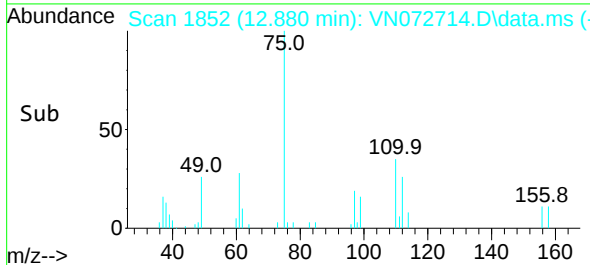
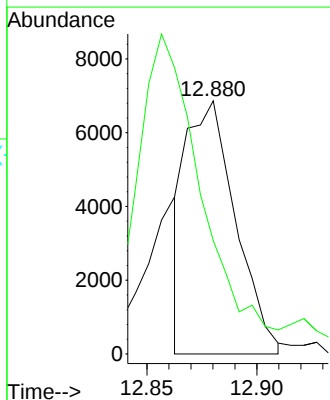
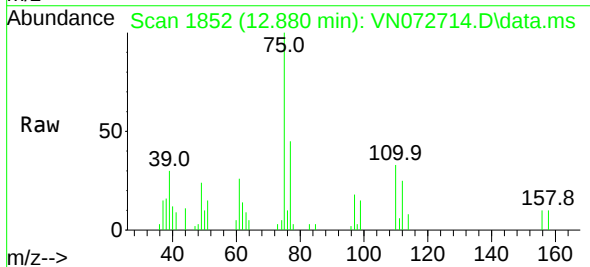
Manual Integrations
APPROVED

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



#76
1,2,3-Trichloropropane
Concen: 2.806 ug/l m
RT: 12.880 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44

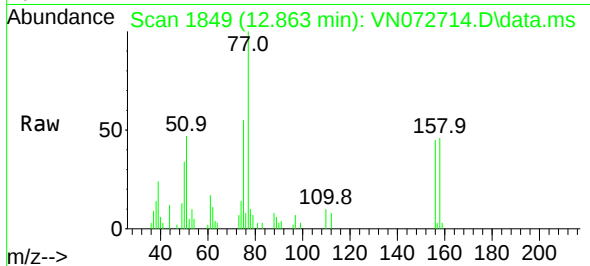
Tgt Ion: 75 Resp: 10715
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 2.681 ug/l
RT: 12.863 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44

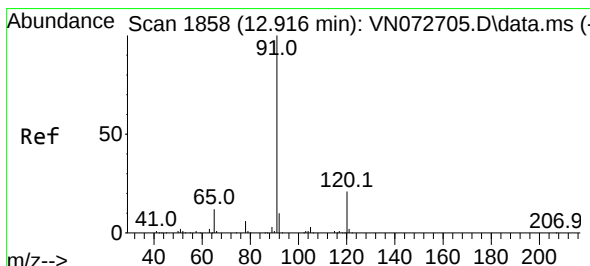
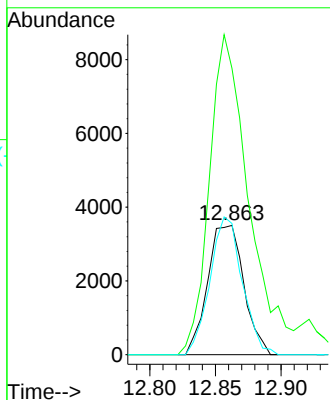
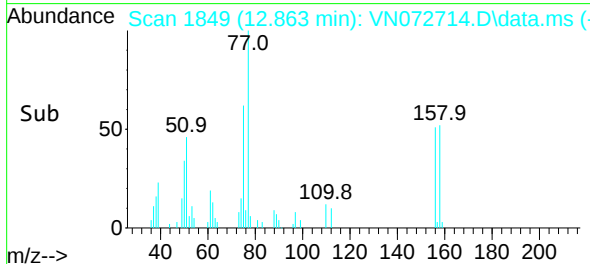
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



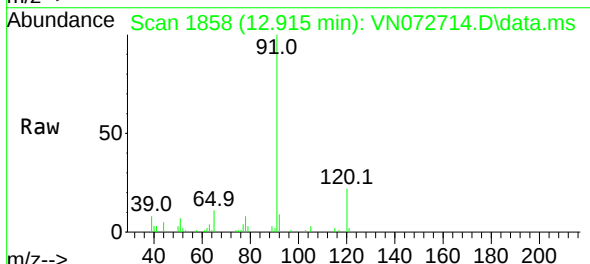
Tgt Ion:156 Resp: 6708
Ion Ratio Lower Upper
156 100
77 269.8 100.5 301.5
158 95.5 48.9 146.6

Manual Integrations
APPROVED

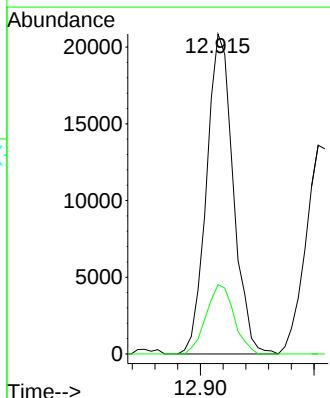
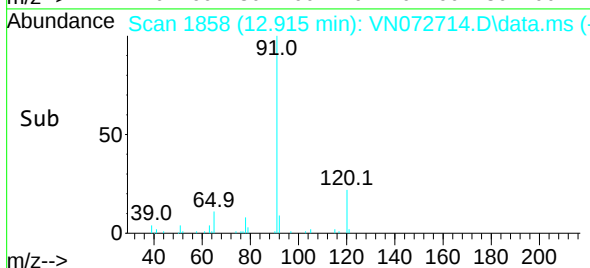
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

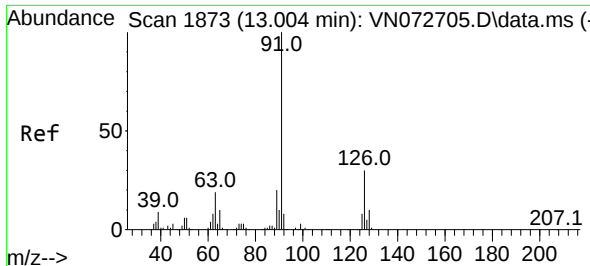


#78
n-propylbenzene
Concen: 2.456 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44



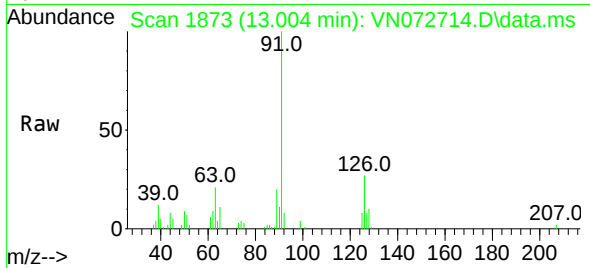
Tgt Ion: 91 Resp: 34030
Ion Ratio Lower Upper
91 100
120 22.5 11.9 35.5





#79
2-Chlorotoluene
Concen: 2.789 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44

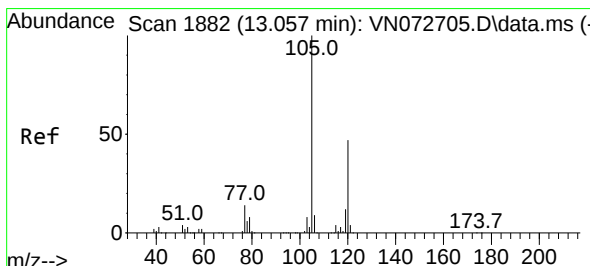
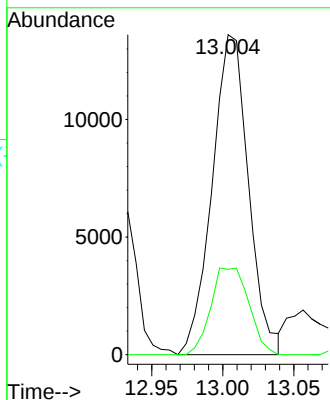
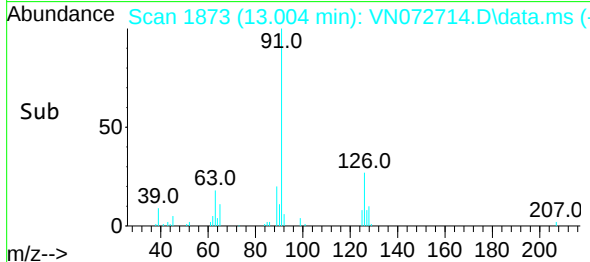
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 91 Resp: 24240
Ion Ratio Lower Upper
91 100
126 28.3 17.3 51.9

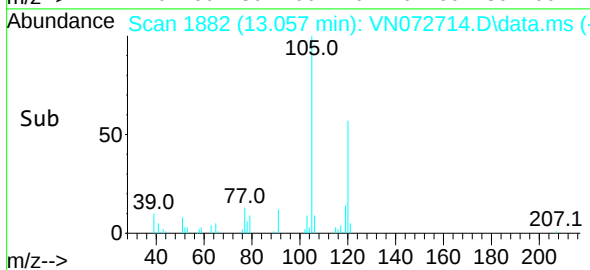
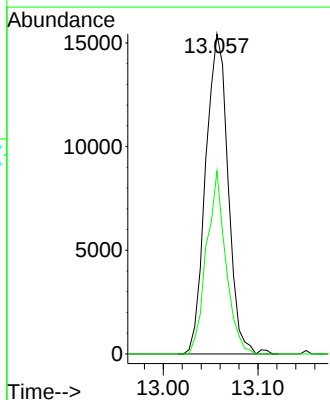
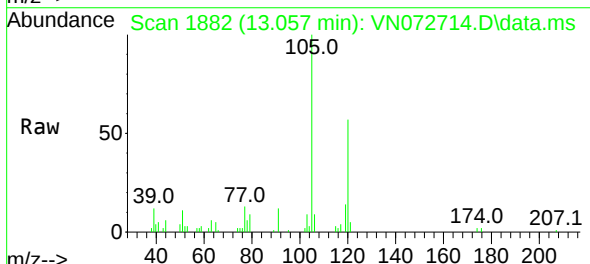
Manual Integrations
APPROVED

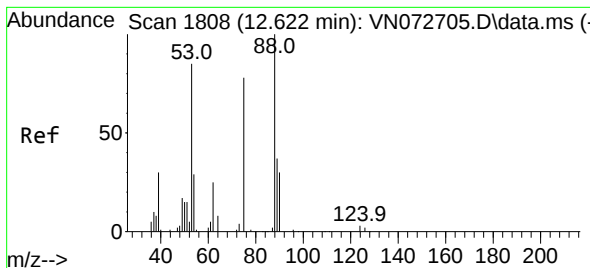
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#80
1,3,5-Trimethylbenzene
Concen: 2.518 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44

Tgt Ion:105 Resp: 25324
Ion Ratio Lower Upper
105 100
120 49.3 24.9 74.7





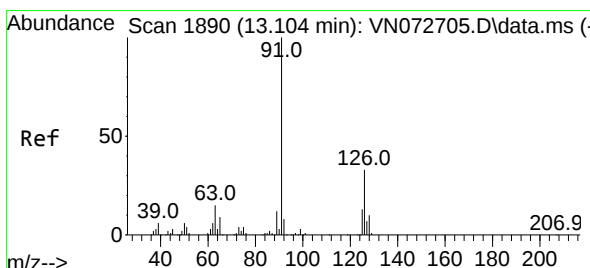
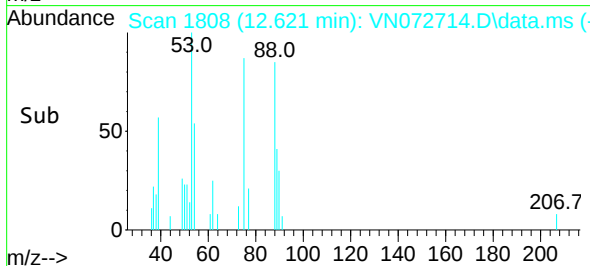
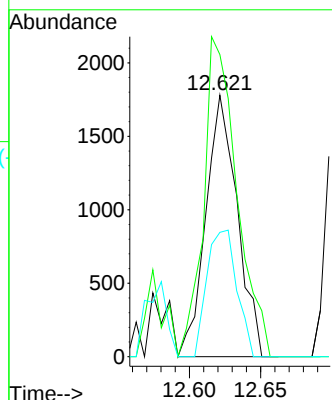
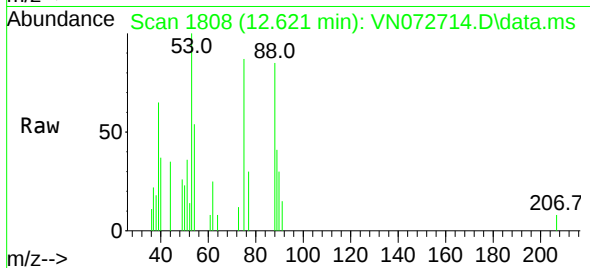
#81
trans-1,4-Dichloro-2-butene
Concen: 1.874 ug/l m
RT: 12.621 min Scan# 1808
Delta R.T. -0.001 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44

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

Tgt Ion: 75 Resp: 2730
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0
89 0.0 37.2 55.8

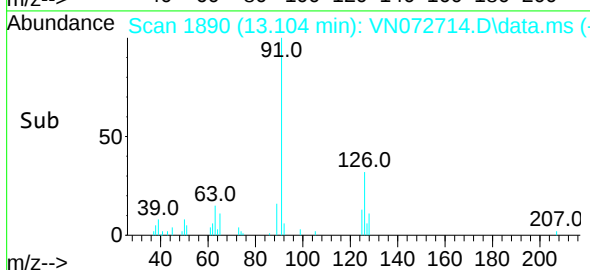
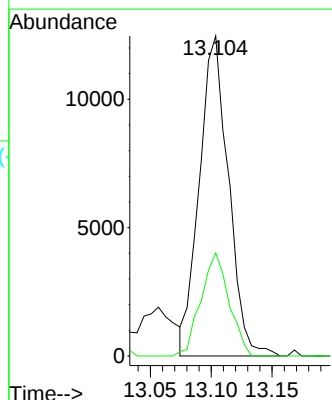
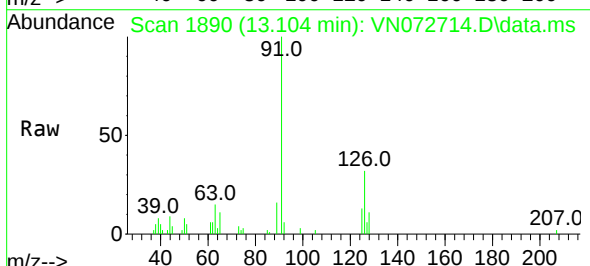
Manual Integrations
APPROVED

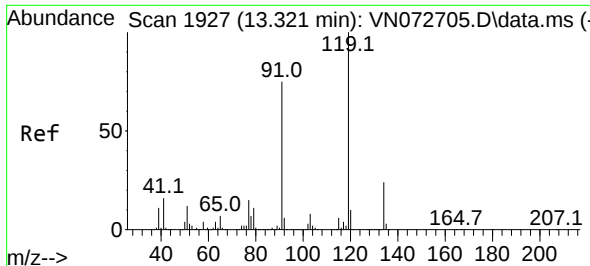
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#82
4-Chlorotoluene
Concen: 2.579 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44

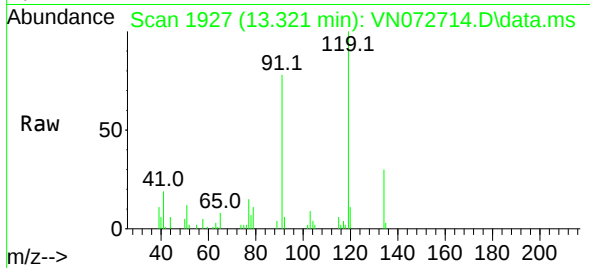
Tgt Ion: 91 Resp: 20702
Ion Ratio Lower Upper
91 100
126 31.0 17.2 51.6





#83
tert-Butylbenzene
Concen: 2.532 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44

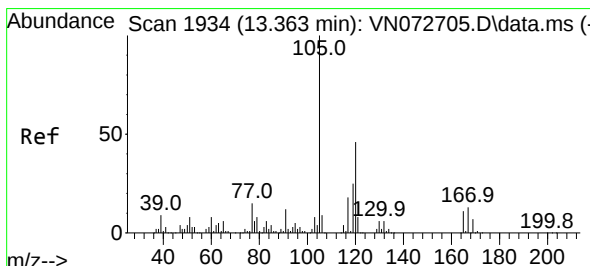
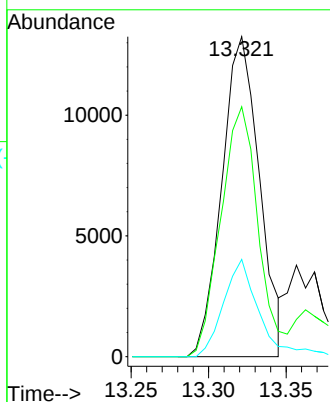
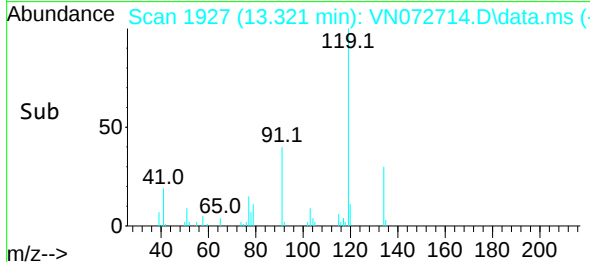
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



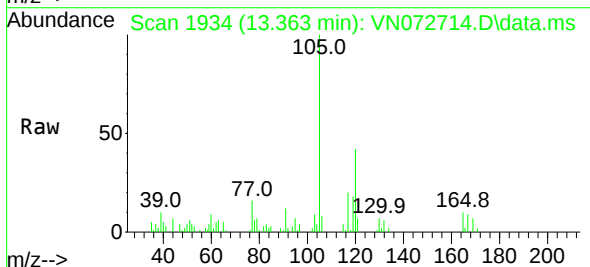
Tgt Ion:119 Resp: 2236
Ion Ratio Lower Upper
119 100
91 77.7 31.6 94.8
134 28.8 13.7 41.1

Manual Integrations
APPROVED

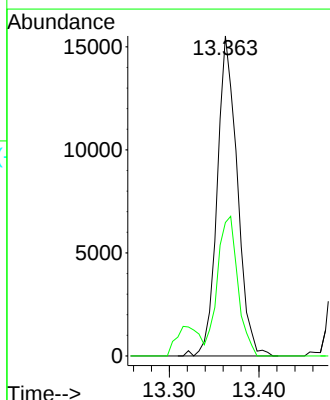
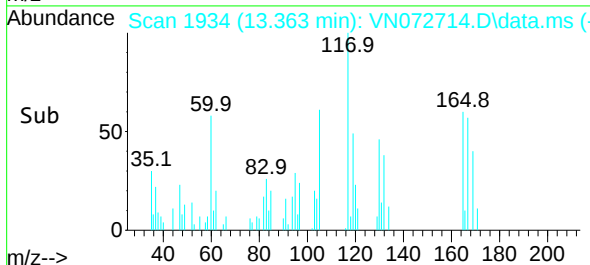
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

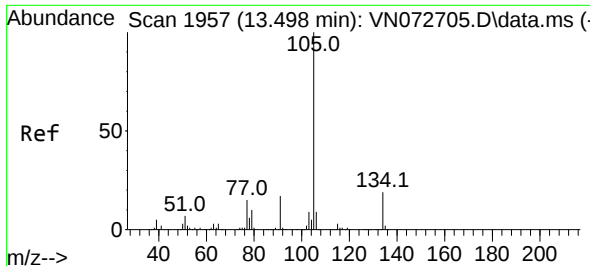


#84
1,2,4-Trimethylbenzene
Concen: 2.503 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44



Tgt Ion:105 Resp: 24078
Ion Ratio Lower Upper
105 100
120 44.4 23.3 69.8





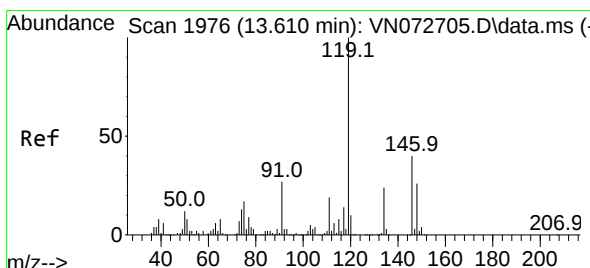
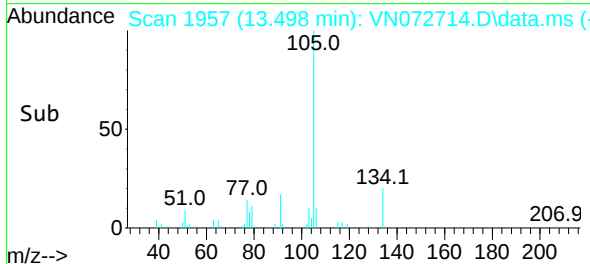
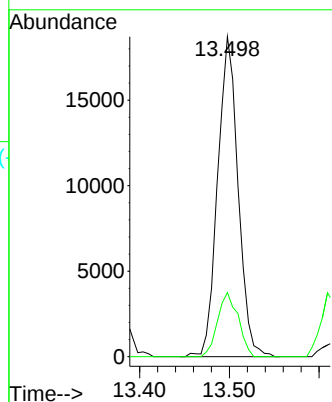
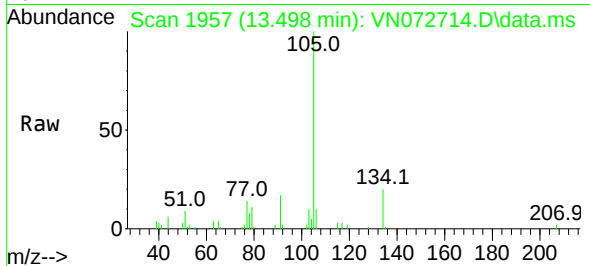
#85
 sec-Butylbenzene
 Concen: 2.488 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072714.D
 Acq: 08 Jun 2022 22:44

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

Tgt Ion:105 Resp: 2965
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.4 31.1

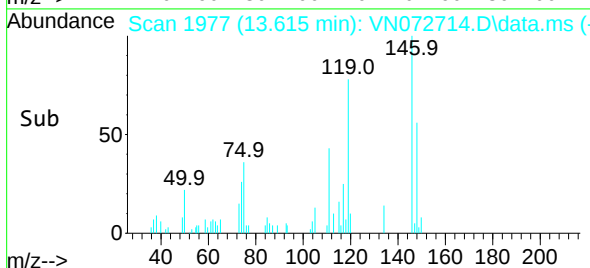
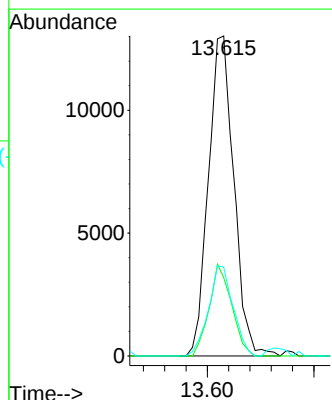
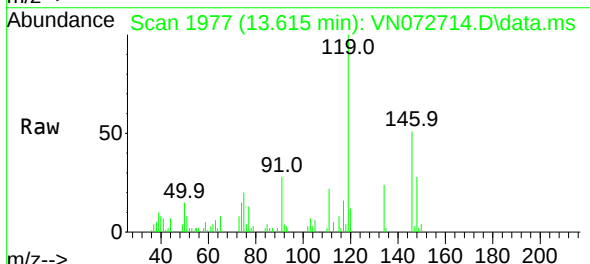
Manual Integrations
 APPROVED

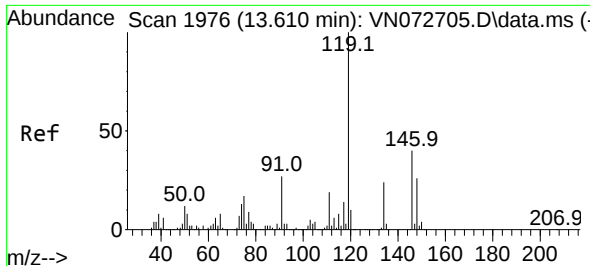
Reviewed By :John Carlone 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022



#86
 p-Isopropyltoluene
 Concen: 2.302 ug/l
 RT: 13.615 min Scan# 1977
 Delta R.T. 0.005 min
 Lab File: VN072714.D
 Acq: 08 Jun 2022 22:44

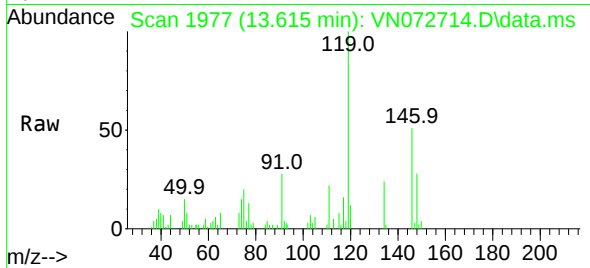
Tgt Ion:119 Resp: 21576
 Ion Ratio Lower Upper
 119 100
 134 25.2 13.3 39.8
 91 27.2 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 2.676 ug/l
RT: 13.615 min Scan# 1976
Delta R.T. 0.005 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44

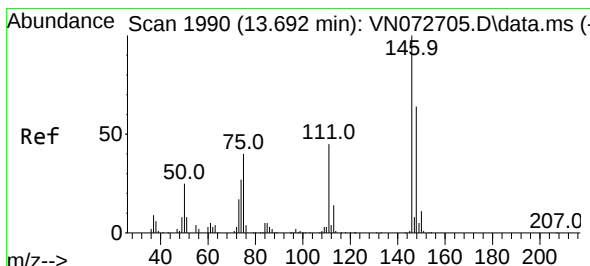
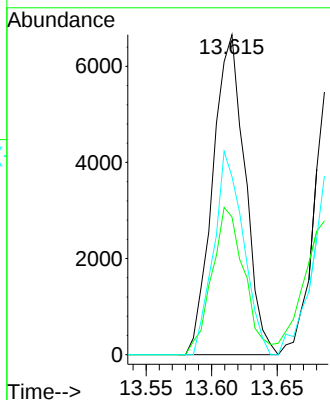
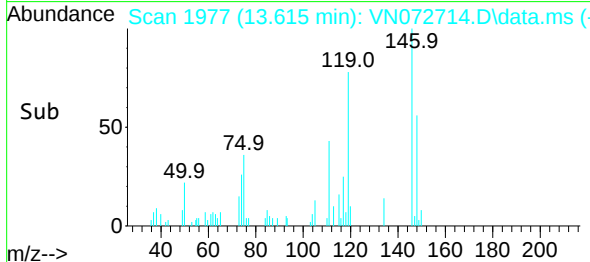
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



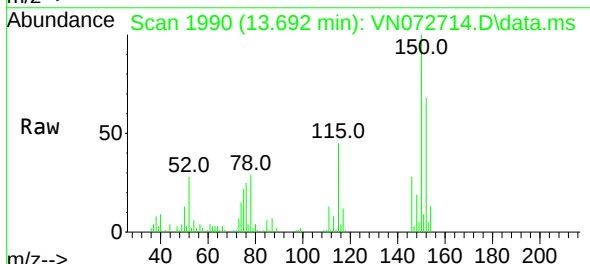
Tgt Ion:146 Resp: 11369
Ion Ratio Lower Upper
146 100
111 46.2 20.0 60.0
148 58.3 32.0 96.0

Manual Integrations
APPROVED

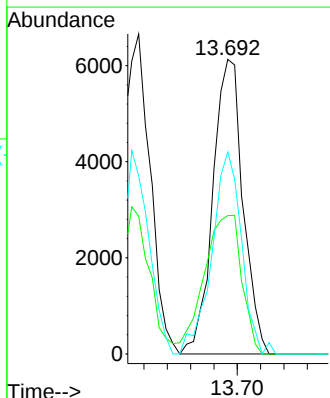
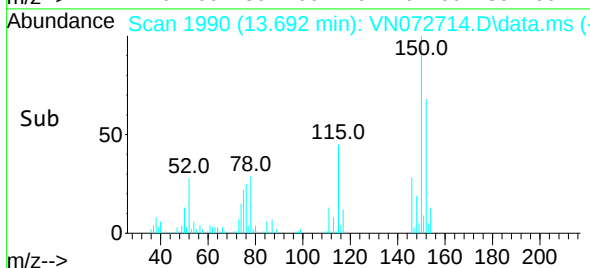
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

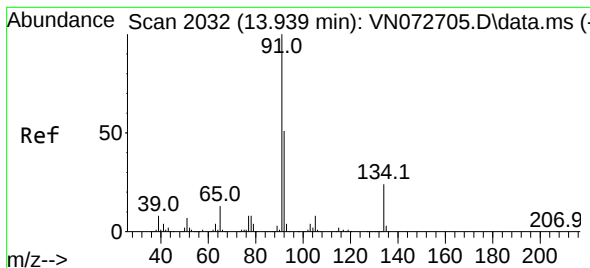


#88
1,4-Dichlorobenzene
Concen: 2.639 ug/l m
RT: 13.692 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44



Tgt Ion:146 Resp: 10986
Ion Ratio Lower Upper
146 100
111 47.8 19.1 57.1
148 60.3 31.4 94.3





#89

n-Butylbenzene

Concen: 2.166 ug/l

RT: 13.939 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VN072714.D

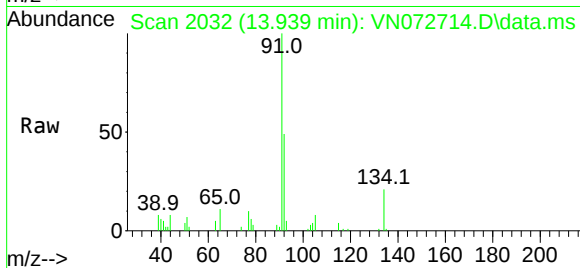
Acq: 08 Jun 2022 22:44

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022



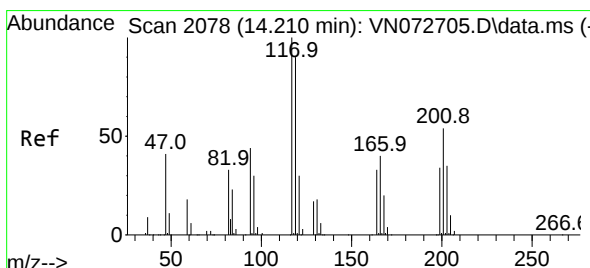
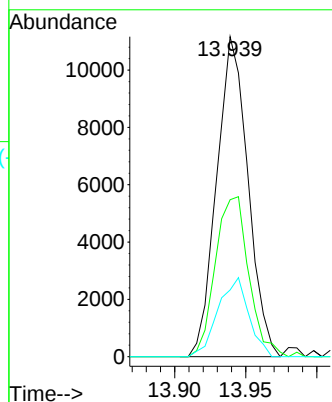
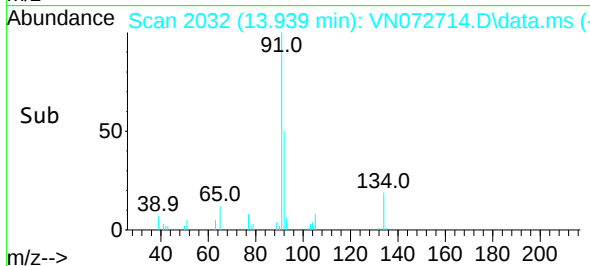
Tgt Ion:	91	Resp:	1710
Ion Ratio	Lower	Upper	
91	100		
92	53.7	26.9	80.7
134	24.3	13.6	40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#90

Hexachloroethane

Concen: 2.532 ug/l

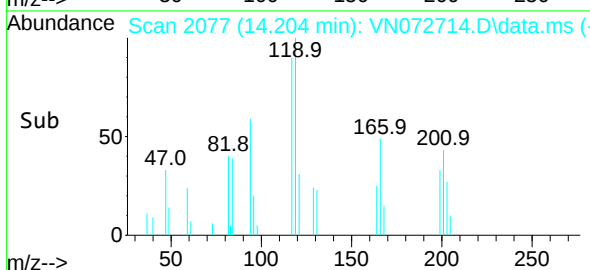
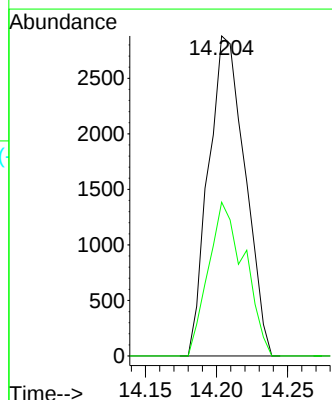
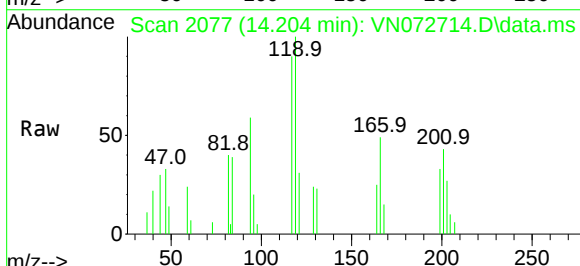
RT: 14.204 min Scan# 2077

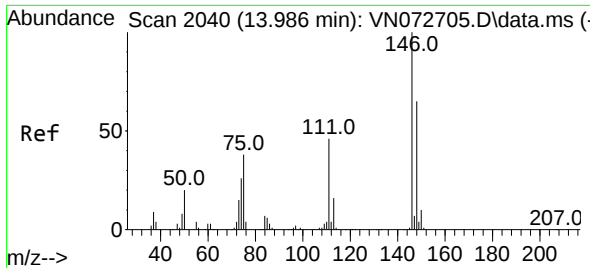
Delta R.T. -0.006 min

Lab File: VN072714.D

Acq: 08 Jun 2022 22:44

Tgt Ion:	117	Resp:	5138
Ion Ratio	Lower	Upper	
117	100		
201	47.8	40.6	122.0





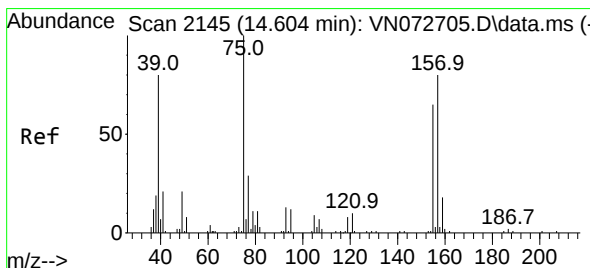
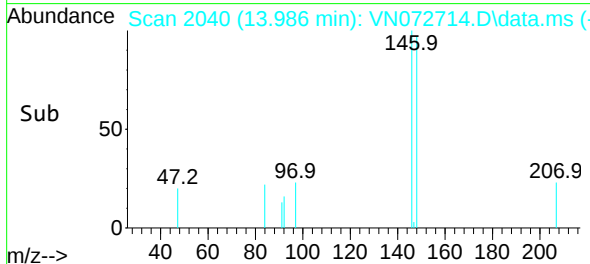
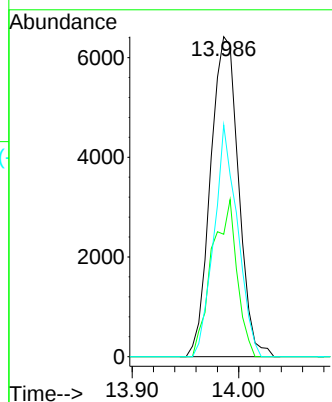
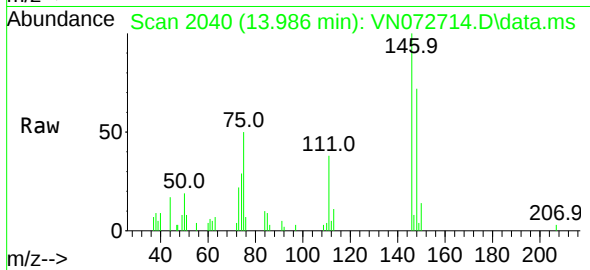
#91
1,2-Dichlorobenzene
Concen: 2.812 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44

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

Tgt Ion:146 Resp: 1171
Ion Ratio Lower Upper
146 100
111 43.9 20.9 62.8
148 60.9 32.1 96.3

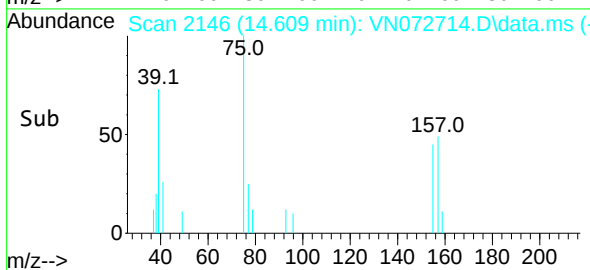
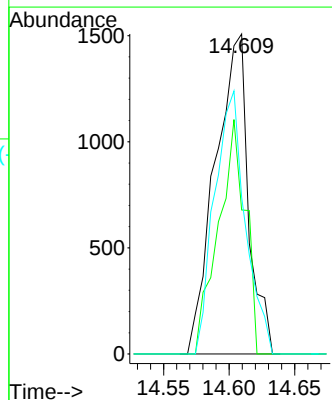
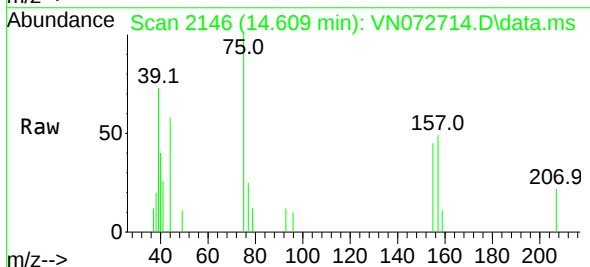
Manual Integrations
APPROVED

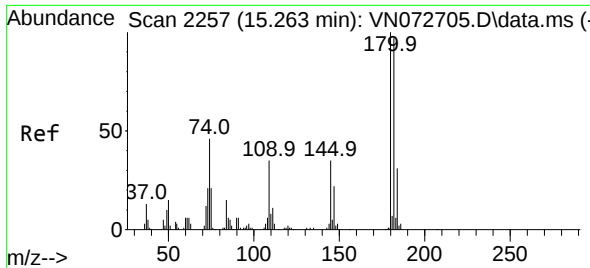
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.499 ug/l
RT: 14.609 min Scan# 2146
Delta R.T. 0.005 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44

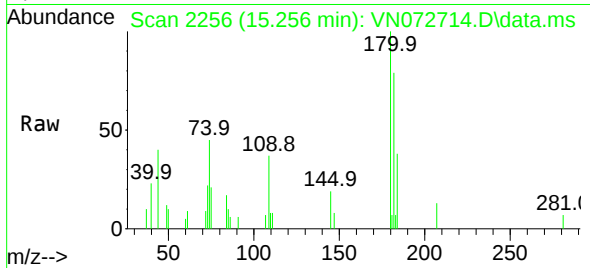
Tgt Ion: 75 Resp: 2659
Ion Ratio Lower Upper
75 100
155 59.3 44.9 134.5
157 76.1 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 2.470 ug/l
RT: 15.256 min Scan# 21
Delta R.T. -0.007 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44

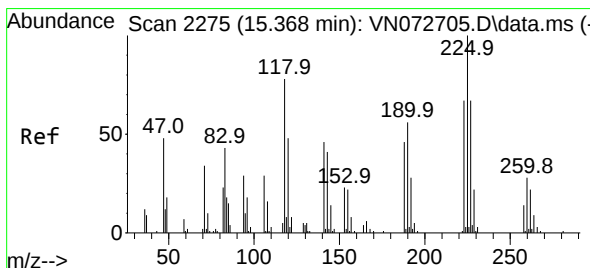
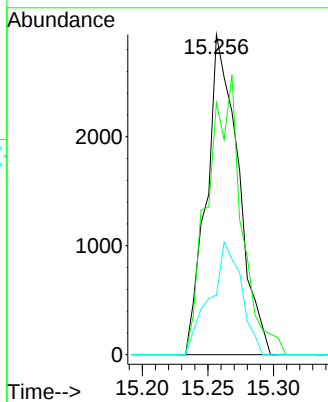
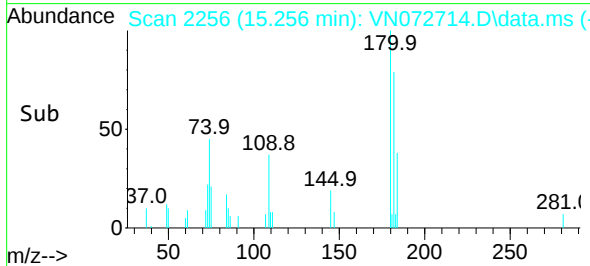
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



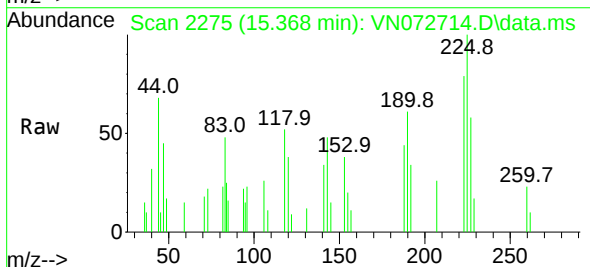
Tgt Ion:180 Resp: 4949
Ion Ratio Lower Upper
180 100
182 92.5 47.5 142.5
145 34.6 14.5 43.5

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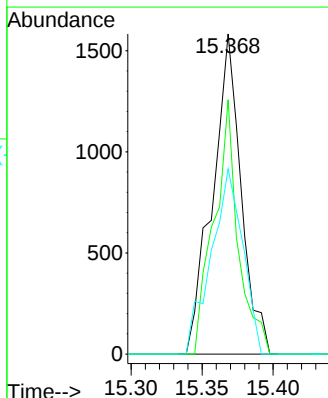
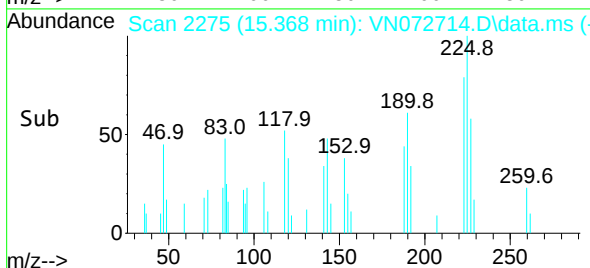
Reviewed By :John Carbone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

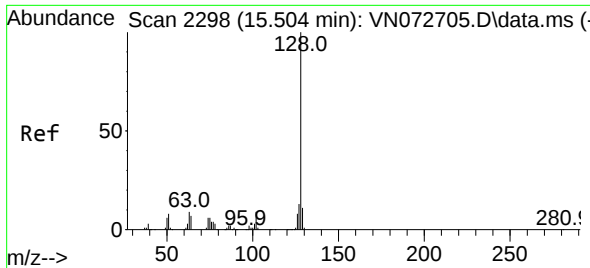


#94
Hexachlorobutadiene
Concen: 2.480 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.000 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44



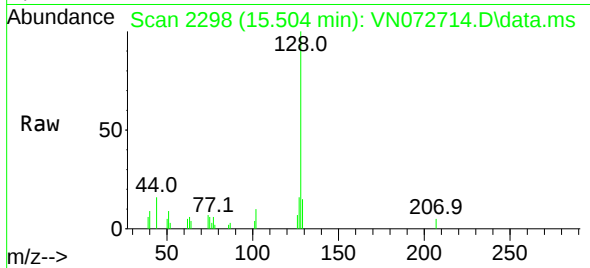
Tgt Ion:225 Resp: 2226
Ion Ratio Lower Upper
225 100
223 67.0 32.4 97.2
227 63.7 31.8 95.4





#95
Naphthalene
Concen: 2.112 ug/l
RT: 15.504 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44

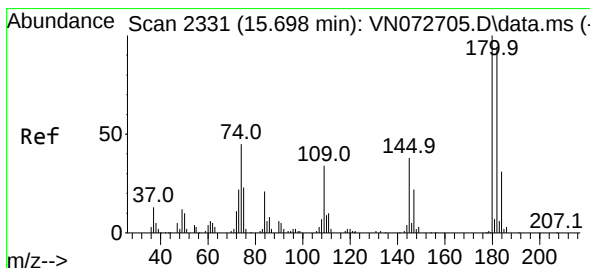
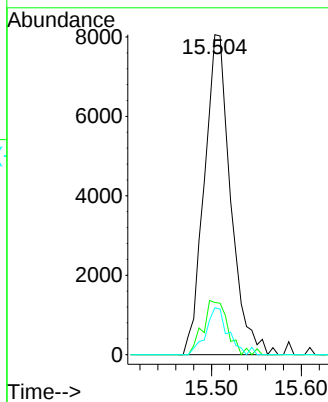
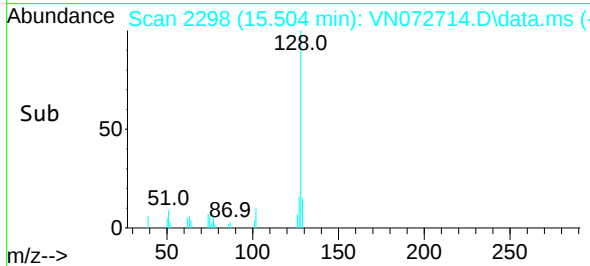
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



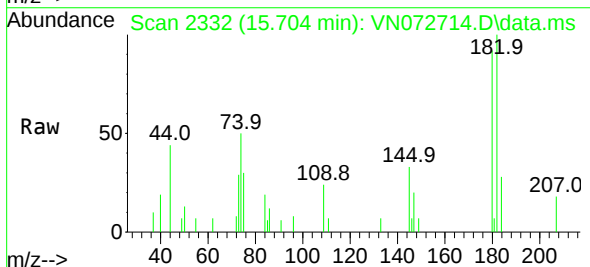
Tgt Ion:128 Resp: 16410
Ion Ratio Lower Upper
128 100
127 16.0 10.3 15.5
129 12.4 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 2.396 ug/l
RT: 15.704 min Scan# 2332
Delta R.T. 0.006 min
Lab File: VN072714.D
Acq: 08 Jun 2022 22:44



Tgt Ion:180 Resp: 4780
Ion Ratio Lower Upper
180 100
182 97.1 47.8 143.3
145 33.3 15.5 46.5

