

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060822\
 Data File : VN072716.D
 Acq On : 08 Jun 2022 23:33
 Operator : JC\MD
 Sample : N3214-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2022

Quant Time: Jun 09 06:25:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 05:53:33 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	153399	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	297255	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	302599	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	120093	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	223664	54.325	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 108.660%			
35) Dibromofluoromethane	8.016	113	150323	51.108	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.220%			
50) Toluene-d8	10.439	98	595829	50.773	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.540%			
62) 4-Bromofluorobenzene	12.727	95	187200	46.488	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 92.980%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.063	85	13619	5.473	ug/l	91
3) Chloromethane	2.293	50	18018	6.079	ug/l	98
4) Vinyl Chloride	2.434	62	15115	5.547	ug/l	93
5) Bromomethane	2.828	94	9427	7.050	ug/l	82
6) Chloroethane	3.004	64	12429	6.476	ug/l	# 88
7) Trichlorofluoromethane	3.357	101	24349	5.614	ug/l	98
8) Diethyl Ether	3.822	74	9595	5.441	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.216	101	12767	5.376	ug/l	89
10) Methyl Iodide	4.416	142	10628	4.799	ug/l	# 89
11) Tert butyl alcohol	5.363	59	29868	30.411	ug/l	# 88
12) 1,1-Dichloroethene	4.175	96	12134	5.482	ug/l	83
13) Acrolein	4.040	56	11335	27.944	ug/l	99
14) Allyl chloride	4.828	41	27858	5.451	ug/l	88
15) Acrylonitrile	5.551	53	57626	27.693	ug/l	97
16) Acetone	4.281	43	56015	28.393	ug/l	89
17) Carbon Disulfide	4.528	76	33735	6.036	ug/l	# 95
18) Methyl Acetate	4.857	43	29052	5.660	ug/l	# 89
19) Methyl tert-butyl Ether	5.616	73	55212	5.515	ug/l	100
20) Methylene Chloride	5.093	84	16664	5.351	ug/l	92
21) trans-1,2-Dichloroethene	5.593	96	14091	5.781	ug/l	91
22) Diisopropyl ether	6.492	45	58278	5.627	ug/l	# 94
23) Vinyl Acetate	6.428	43	253260	26.708	ug/l	96
24) 1,1-Dichloroethane	6.381	63	30582	5.686	ug/l	98
25) 2-Butanone	7.339	43	88182	27.787	ug/l	# 87
26) 2,2-Dichloropropane	7.322	77	21204	4.360	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	16837	5.431	ug/l	84
28) Bromochloromethane	7.651	49	14513	5.713	ug/l	# 70
29) Tetrahydrofuran	7.686	42	55654	28.381	ug/l	88
30) Chloroform	7.816	83	30497	5.440	ug/l	95
31) Cyclohexane	8.098	56	31920	6.859	ug/l	85
32) 1,1,1-Trichloroethane	8.010	97	27125	5.475	ug/l	97
36) 1,1-Dichloropropene	8.222	75	21879	5.359	ug/l	95
37) Ethyl Acetate	7.410	43	31861	5.023	ug/l	97
38) Carbon Tetrachloride	8.198	117	22828	5.232	ug/l	96
39) Methylcyclohexane	9.457	83	25359	5.353	ug/l	98
40) Benzene	8.457	78	66362	5.356	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	11860m	5.547	ug/l	
42) 1,2-Dichloroethane	8.522	62	27914	5.434	ug/l	97
43) Isopropyl Acetate	8.557	43	49749	5.036	ug/l	93
44) Trichloroethene	9.216	130	15006	5.202	ug/l	96
45) 1,2-Dichloropropane	9.480	63	17914	5.351	ug/l	95
46) Dibromomethane	9.575	93	12734	5.441	ug/l #	82
47) Bromodichloromethane	9.763	83	24364	5.064	ug/l	92
48) Methyl methacrylate	9.563	41	21547	4.610	ug/l #	82
49) 1,4-Dioxane	9.563	88	9150	107.103	ug/l #	94
51) 4-Methyl-2-Pentanone	10.328	43	167946	26.106	ug/l	90
52) Toluene	10.504	92	42402	5.482	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	25138	4.704	ug/l	92
54) cis-1,3-Dichloropropene	10.186	75	26584	4.814	ug/l #	73
55) 1,1,2-Trichloroethane	10.898	97	16738	5.014	ug/l	94
56) Ethyl methacrylate	10.757	69	29185	4.943	ug/l #	76
57) 1,3-Dichloropropane	11.039	76	30917	5.187	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	55375	23.534	ug/l	93
59) 2-Hexanone	11.080	43	123073	26.017	ug/l	87
60) Dibromochloromethane	11.233	129	16808	4.851	ug/l	100
61) 1,2-Dibromoethane	11.345	107	17820	5.209	ug/l	96
64) Tetrachloroethene	10.975	164	14261	5.598	ug/l	95
65) Chlorobenzene	11.769	112	41448	5.140	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.845	131	15736	4.906	ug/l	98
67) Ethyl Benzene	11.845	91	78982	5.209	ug/l	98
68) m/p-Xylenes	11.951	106	56447	10.476	ug/l	93
69) o-Xylene	12.280	106	27944	5.159	ug/l	91
70) Styrene	12.292	104	42324	4.972	ug/l	95
71) Bromoform	12.451	173	10112	4.482	ug/l #	100
73) Isopropylbenzene	12.574	105	70788	5.495	ug/l	97
74) N-amyl acetate	12.386	43	31784	5.309	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.821	83	26521	5.931	ug/l	96
76) 1,2,3-Trichloropropane	12.880	75	22910m	5.912	ug/l	
77) Bromobenzene	12.863	156	14105	5.554	ug/l	70
78) n-propylbenzene	12.916	91	77292	5.495	ug/l	94
79) 2-Chlorotoluene	13.004	91	50391	5.711	ug/l	97
80) 1,3,5-Trimethylbenzene	13.057	105	58484	5.730	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.621	75	6642	4.482	ug/l	88
82) 4-Chlorotoluene	13.104	91	44609	5.474	ug/l	92
83) tert-Butylbenzene	13.321	119	51091	5.699	ug/l	89
84) 1,2,4-Trimethylbenzene	13.368	105	54129	5.543	ug/l	95
85) sec-Butylbenzene	13.498	105	65098	5.382	ug/l	94
86) p-Isopropyltoluene	13.616	119	48911	5.140	ug/l	95
87) 1,3-Dichlorobenzene	13.616	146	23478	5.443	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	22027	5.213	ug/l	89
89) n-Butylbenzene	13.939	91	37595	4.689	ug/l	97
90) Hexachloroethane	14.210	117	11252	5.463	ug/l	68
91) 1,2-Dichlorobenzene	13.986	146	23259	5.502	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.604	75	5513	5.104	ug/l	70
93) 1,2,4-Trichlorobenzene	15.262	180	9674	4.757	ug/l	94
94) Hexachlorobutadiene	15.368	225	5014	5.504	ug/l	97
95) Naphthalene	15.510	128	35233	4.465	ug/l	99
96) 1,2,3-Trichlorobenzene	15.704	180	9707	4.793	ug/l	96

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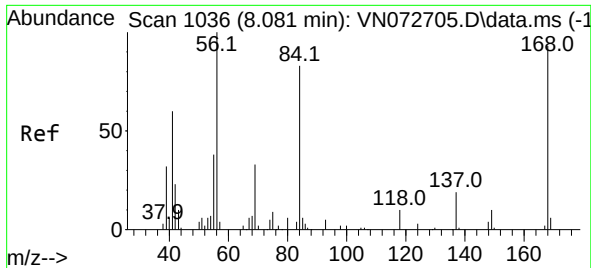
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 06/09/2022

Quant Time: Jun 09 06:25:28 2022
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Quant Title : SW846 8260
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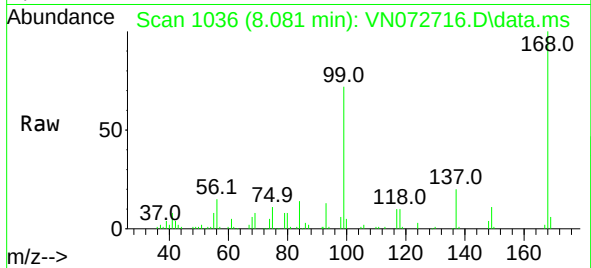
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
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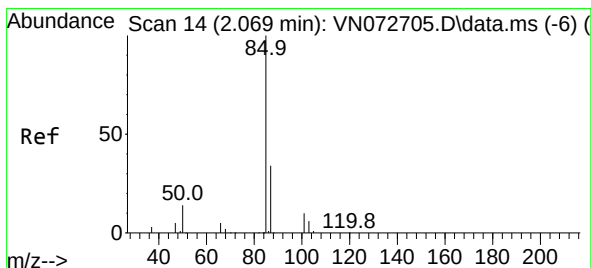
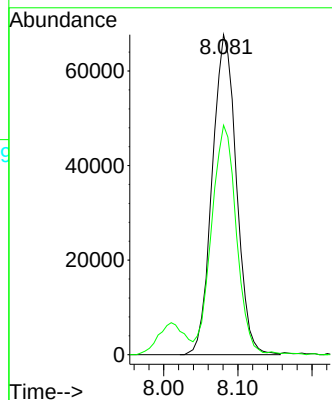
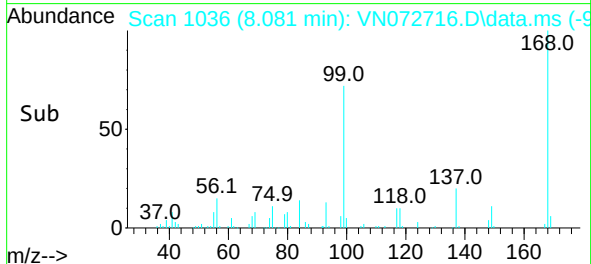
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2022



Tgt Ion:168 Resp: 153399
Ion Ratio Lower Upper
168 100
99 71.3 42.3 63.5

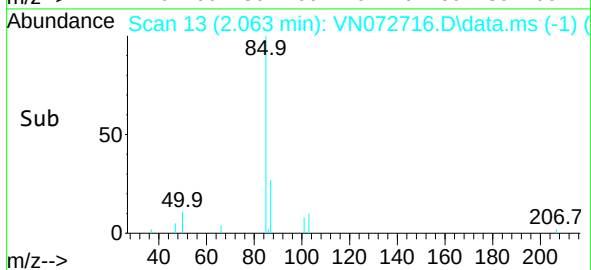
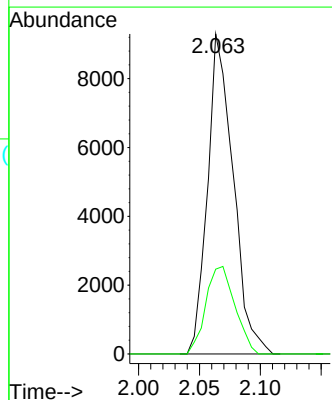
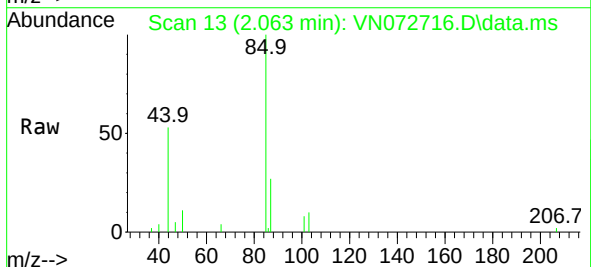
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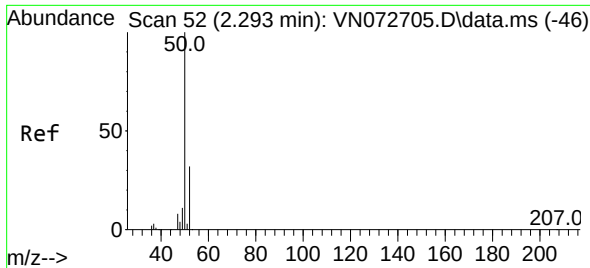
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#2
Dichlorodifluoromethane
Concen: 5.473 ug/l
RT: 2.063 min Scan# 13
Delta R.T. -0.006 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33

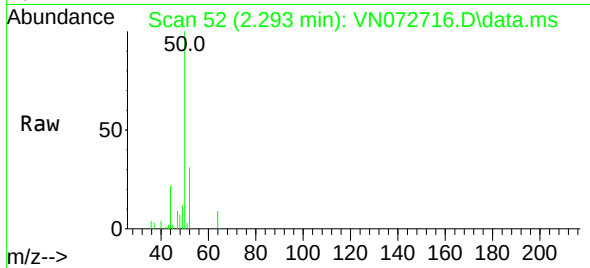
Tgt Ion: 85 Resp: 13619
Ion Ratio Lower Upper
85 100
87 26.5 15.7 47.1





#3
Chloromethane
Concen: 6.079 ug/l
RT: 2.293 min Scan# 52
Delta R.T. -0.000 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33

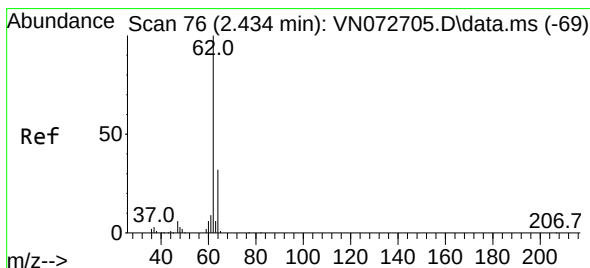
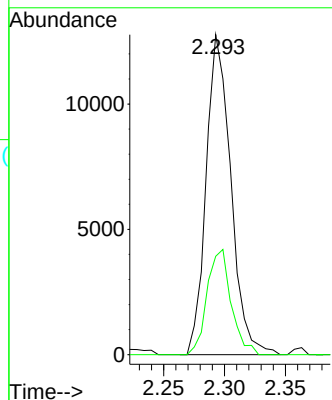
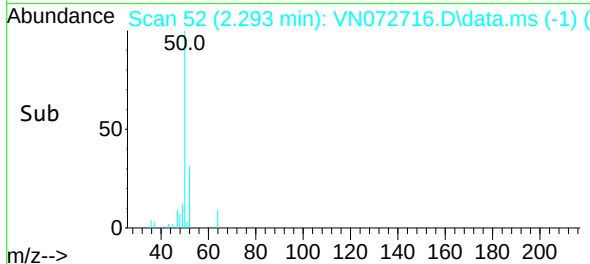
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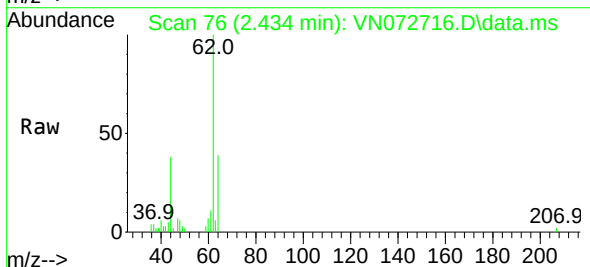
Tgt Ion: 50 Resp: 18018
Ion Ratio Lower Upper
50 100
52 30.7 25.7 38.5

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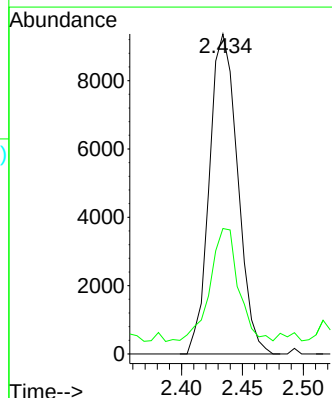
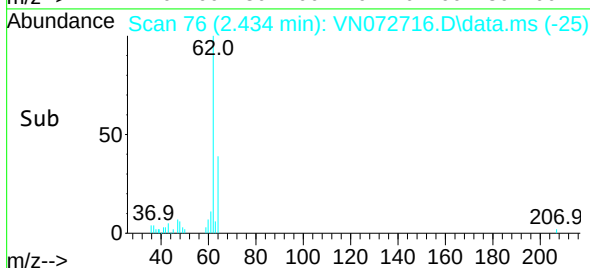
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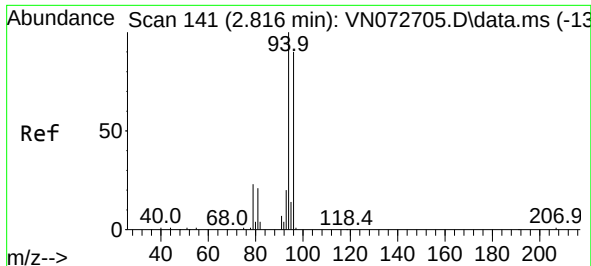


#4
Vinyl Chloride
Concen: 5.547 ug/l
RT: 2.434 min Scan# 76
Delta R.T. -0.000 min
Lab File: VN072716.D
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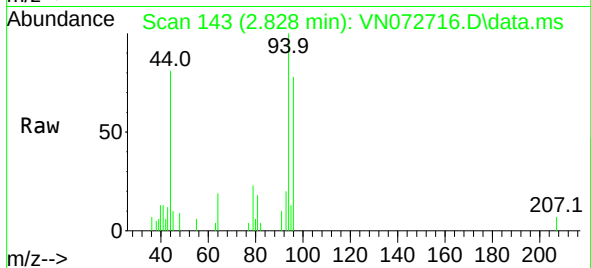
Tgt Ion: 62 Resp: 15115
Ion Ratio Lower Upper
62 100
64 35.0 25.0 37.4





#5
Bromomethane
Concen: 7.050 ug/l
RT: 2.828 min Scan# 141
Delta R.T. 0.012 min
Lab File: VN072716.D
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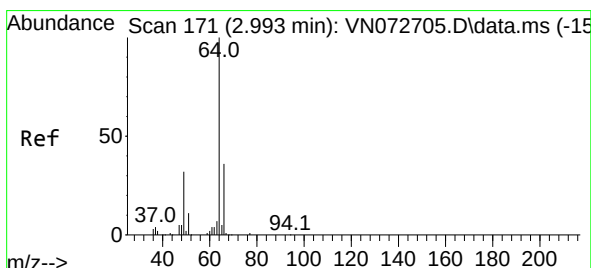
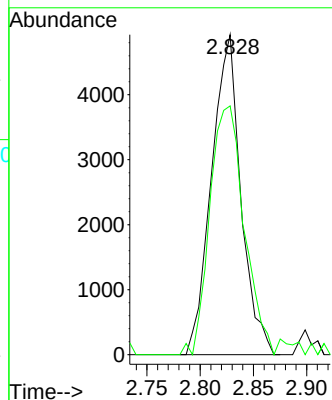
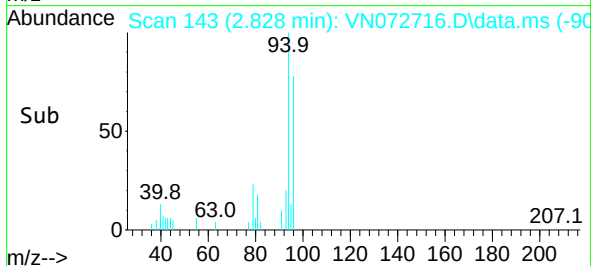
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Tgt Ion: 94 Resp: 942
Ion Ratio Lower Upper
94 100
96 77.7 76.0 114.0

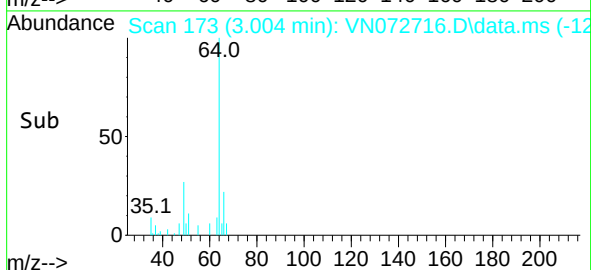
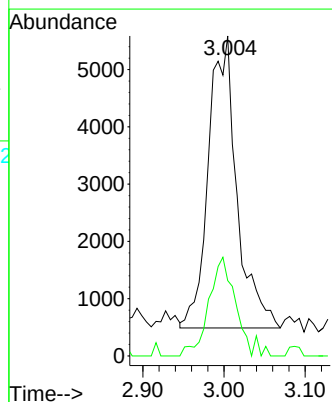
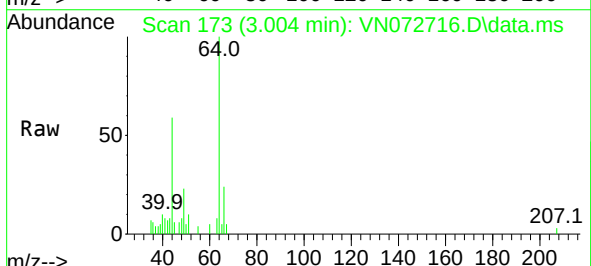
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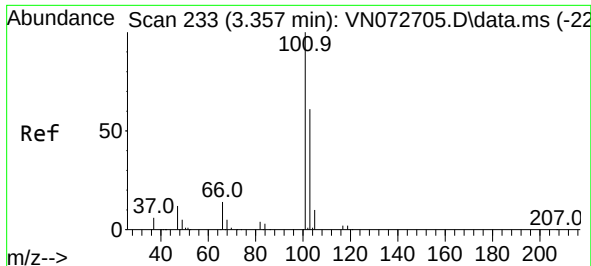
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#6
Chloroethane
Concen: 6.476 ug/l
RT: 3.004 min Scan# 173
Delta R.T. 0.011 min
Lab File: VN072716.D
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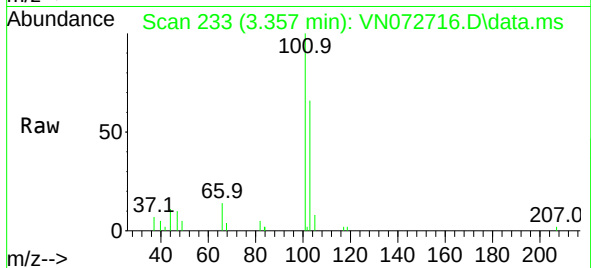
Tgt Ion: 64 Resp: 12429
Ion Ratio Lower Upper
64 100
66 25.8 26.2 39.4#





#7
Trichlorofluoromethane
Concen: 5.614 ug/l
RT: 3.357 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN072716.D
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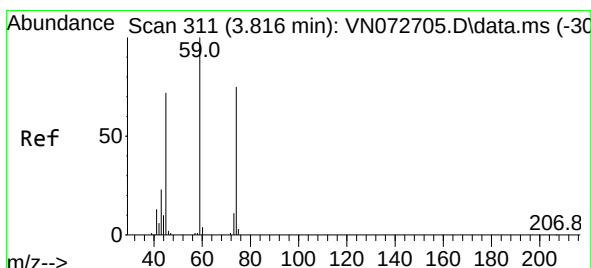
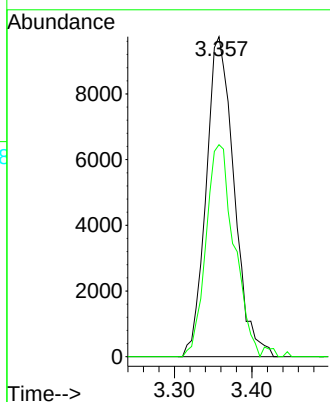
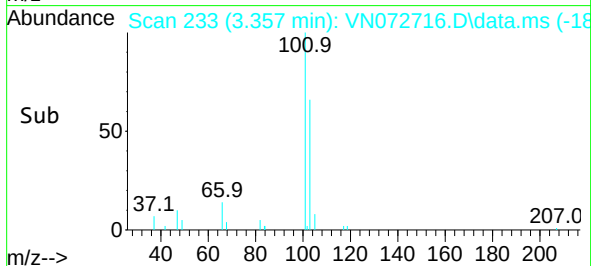
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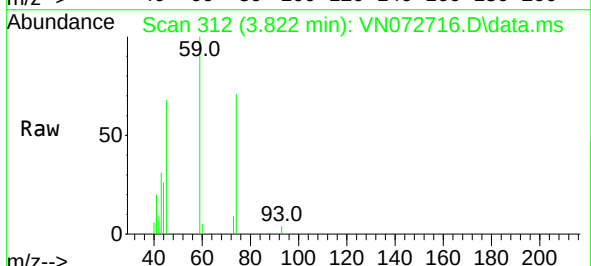
Tgt Ion:101 Resp: 24349
Ion Ratio Lower Upper
101 100
103 66.3 51.5 77.3

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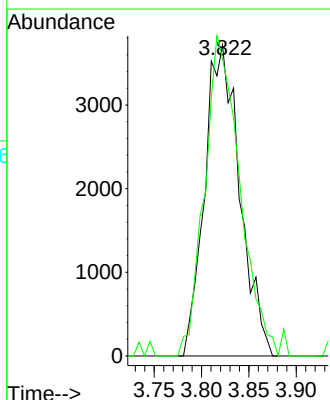
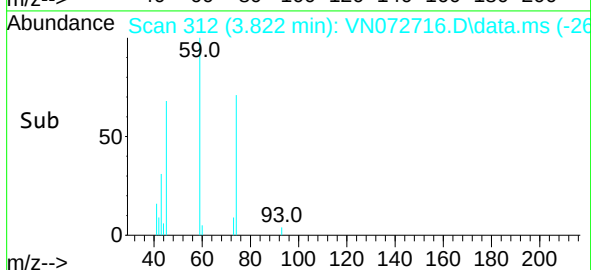
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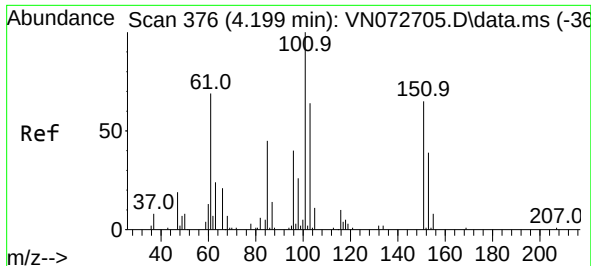


#8
Diethyl Ether
Concen: 5.441 ug/l
RT: 3.822 min Scan# 312
Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 9595
Ion Ratio Lower Upper
74 100
45 103.1 42.9 128.5





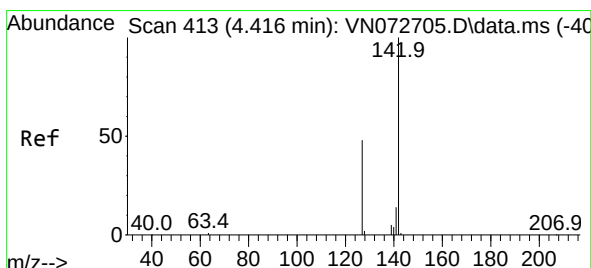
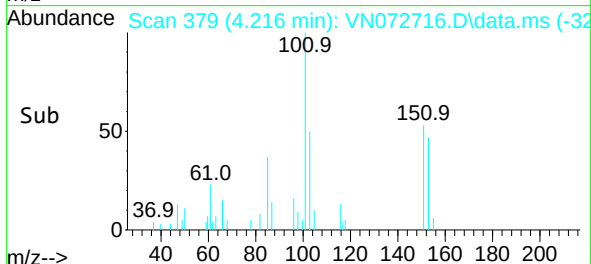
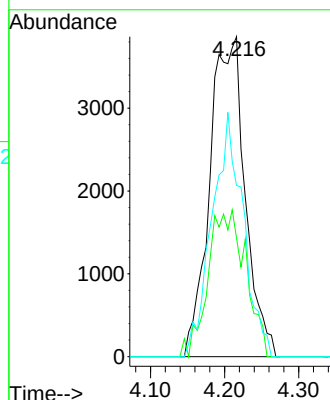
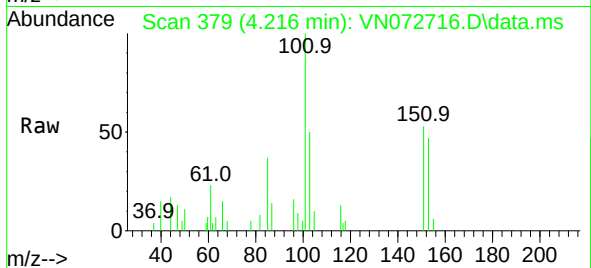
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.376 ug/l
RT: 4.216 min Scan# 31
Delta R.T. 0.017 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022

Tgt Ion:101 Resp: 1276
Ion Ratio Lower Upper
101 100
85 48.9 34.7 52.1
151 67.4 63.0 94.4

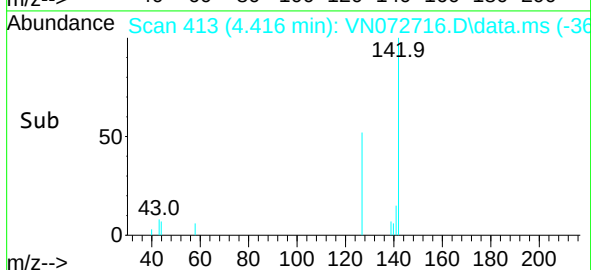
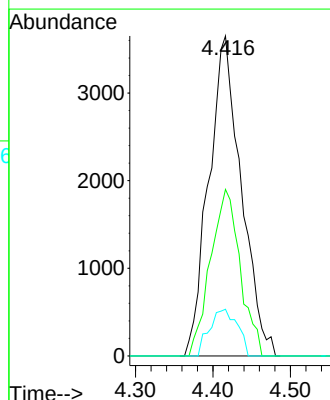
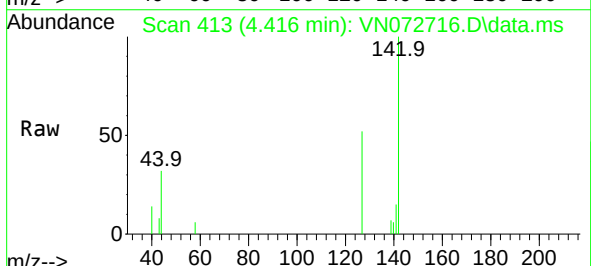
Manual Integrations
APPROVED

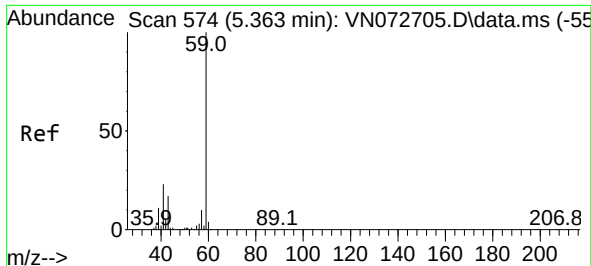
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#10
Methyl Iodide
Concen: 4.799 ug/l
RT: 4.416 min Scan# 413
Delta R.T. 0.000 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33

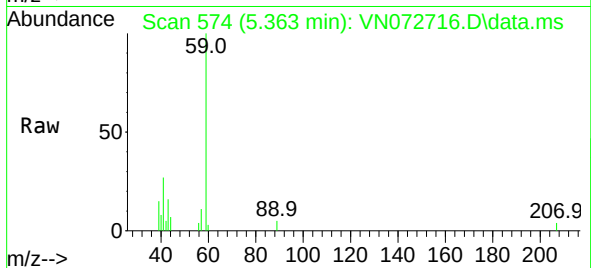
Tgt Ion:142 Resp: 10628
Ion Ratio Lower Upper
142 100
127 47.6 31.3 46.9#
141 12.5 11.2 16.8





#11
Tert butyl alcohol
Concen: 30.411 ug/l
RT: 5.363 min Scan# 511
Delta R.T. 0.000 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33

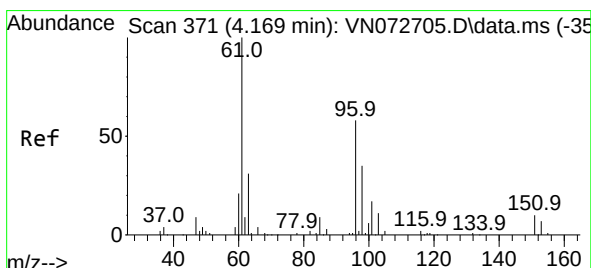
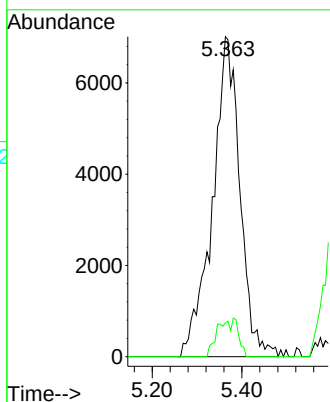
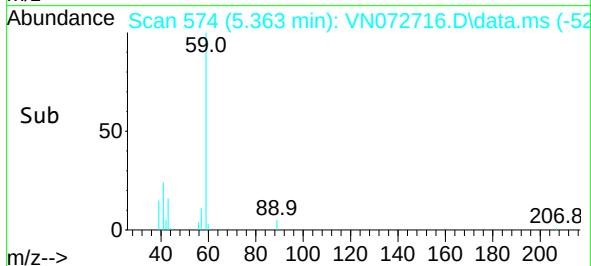
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



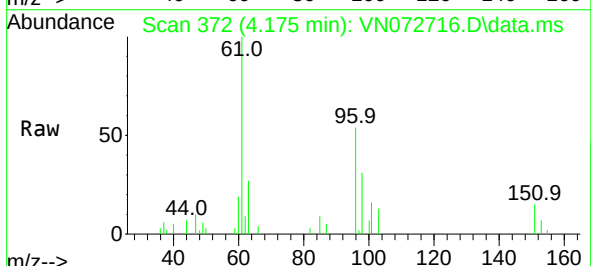
Tgt Ion: 59 Resp: 2986
Ion Ratio Lower Upper
59 100
57 5.9 8.3 12.5

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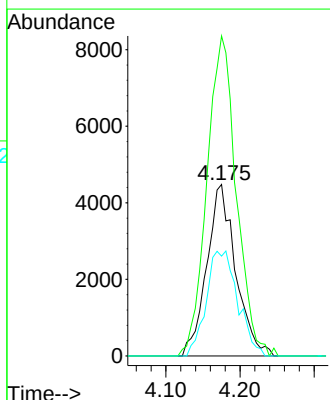
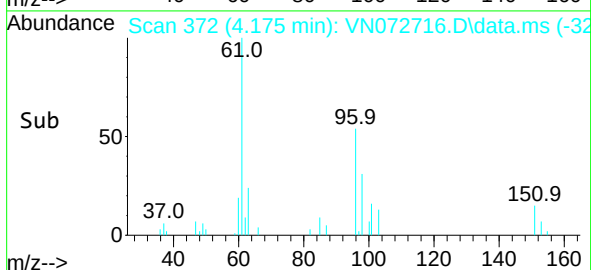
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

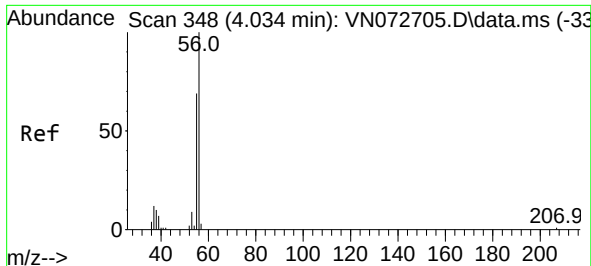


#12
1,1-Dichloroethene
Concen: 5.482 ug/l
RT: 4.175 min Scan# 372
Delta R.T. 0.006 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33



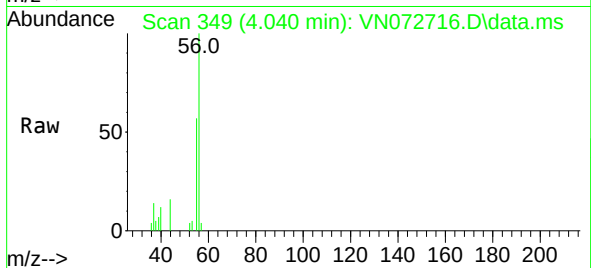
Tgt Ion: 96 Resp: 12134
Ion Ratio Lower Upper
96 100
61 186.6 127.6 191.4
98 58.2 51.2 76.8





#13
Acrolein
Concen: 27.944 ug/l
RT: 4.040 min Scan# 348
Delta R.T. 0.006 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33

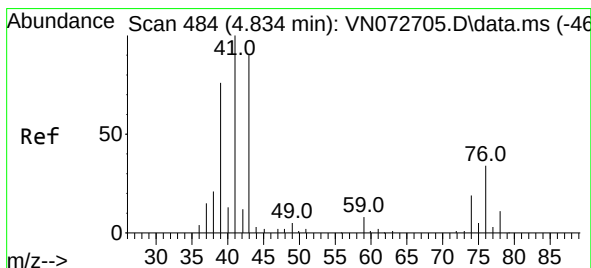
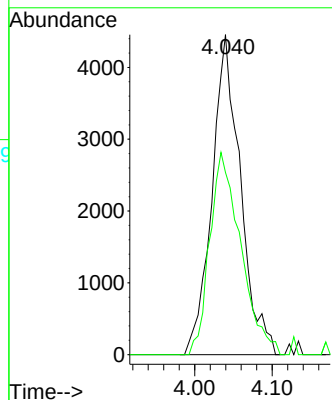
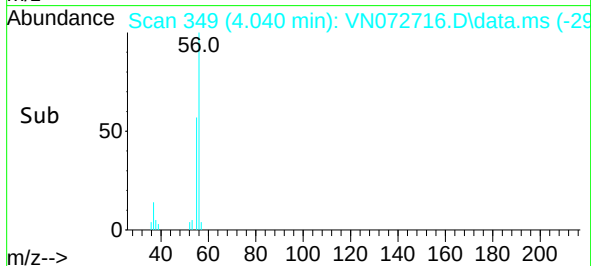
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



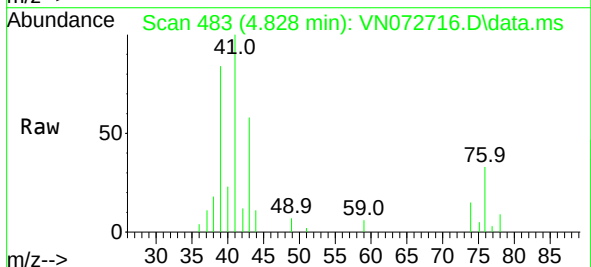
Tgt Ion: 56 Resp: 11335
Ion Ratio Lower Upper
56 100
55 69.1 54.8 82.2

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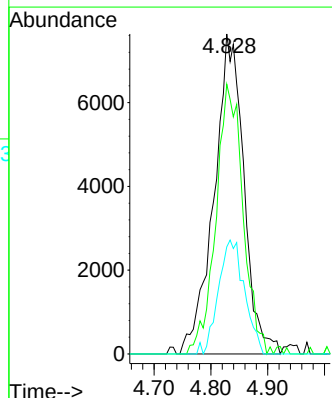
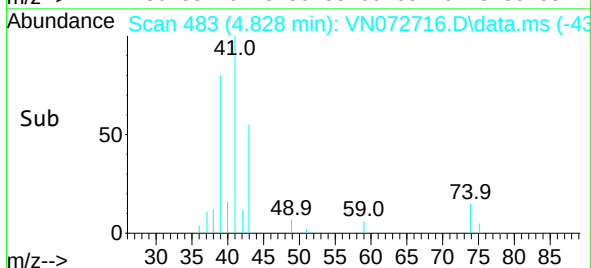
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

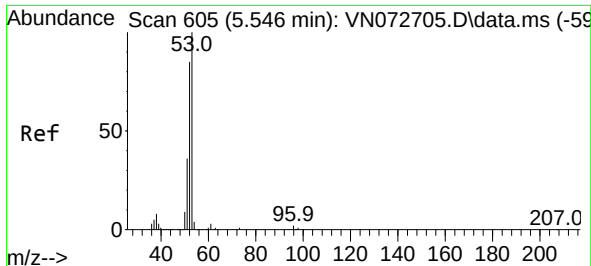


#14
Allyl chloride
Concen: 5.451 ug/l
RT: 4.828 min Scan# 483
Delta R.T. -0.006 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33



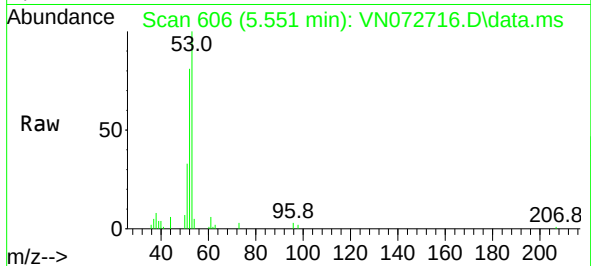
Tgt Ion: 41 Resp: 27858
Ion Ratio Lower Upper
41 100
39 76.5 53.2 79.8
76 31.1 29.9 44.9





#15
Acrylonitrile
Concen: 27.693 ug/l
RT: 5.551 min Scan# 605
Delta R.T. 0.005 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33

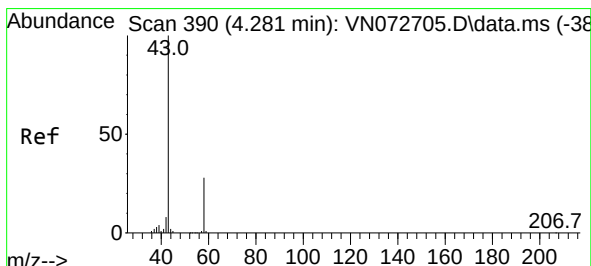
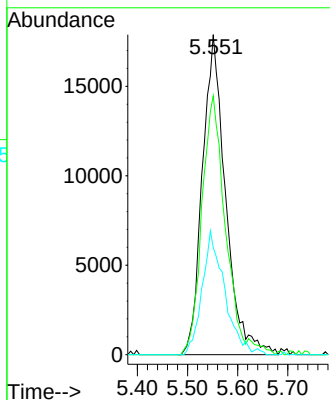
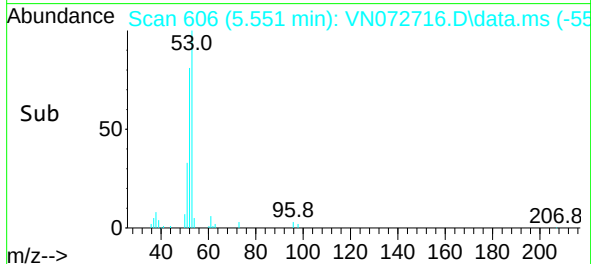
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 53 Resp: 57620
Ion Ratio Lower Upper
53 100
52 79.5 66.4 99.6
51 37.1 28.5 42.7

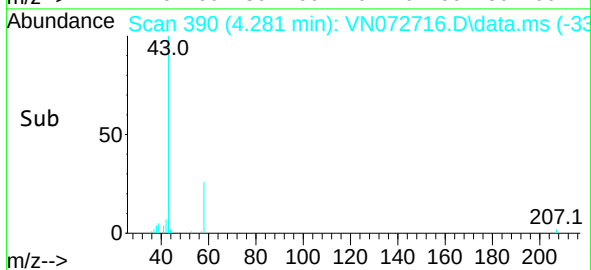
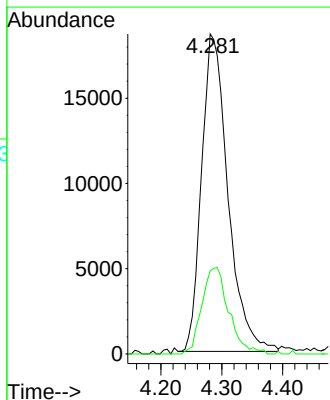
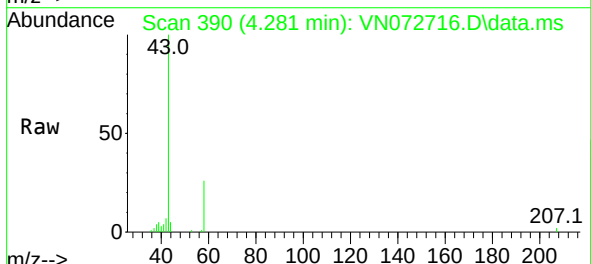
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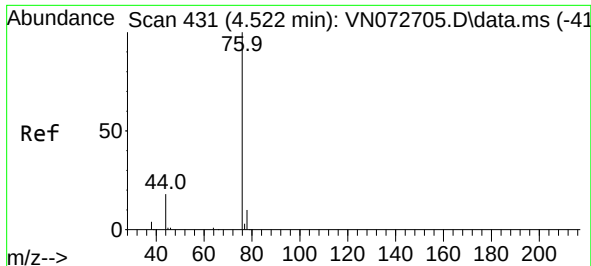
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#16
Acetone
Concen: 28.393 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33

Tgt Ion: 43 Resp: 56015
Ion Ratio Lower Upper
43 100
58 26.2 26.0 39.0





#17

Carbon Disulfide

Concen: 6.036 ug/l

RT: 4.528 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN072716.D

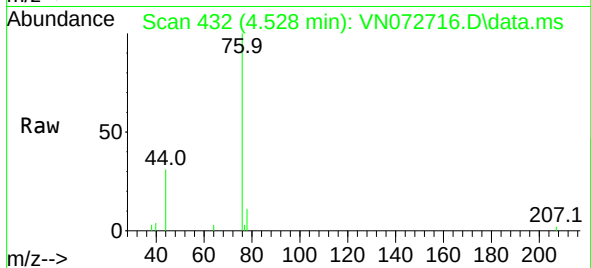
Acq: 08 Jun 2022 23:33

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2022



Tgt Ion: 76 Resp: 3373

Ion Ratio Lower Upper

76 100

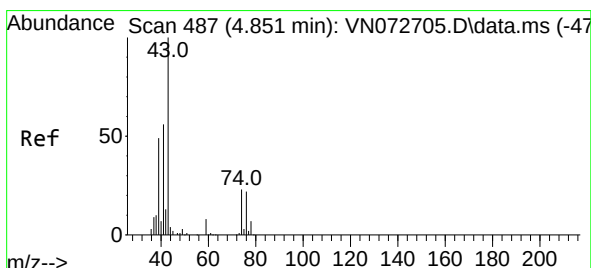
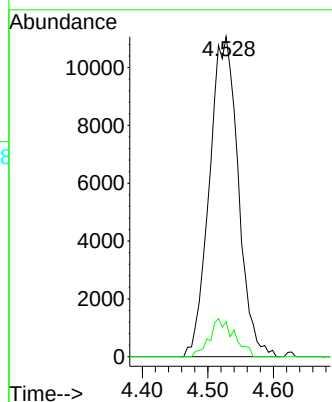
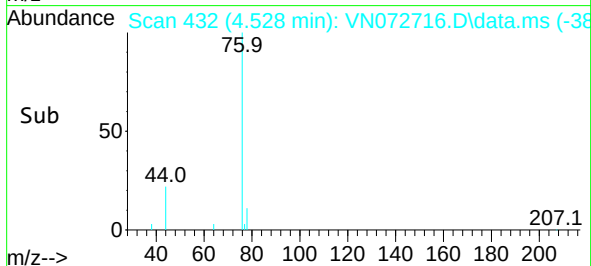
78 10.9 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#18

Methyl Acetate

Concen: 5.660 ug/l

RT: 4.857 min Scan# 488

Delta R.T. 0.006 min

Lab File: VN072716.D

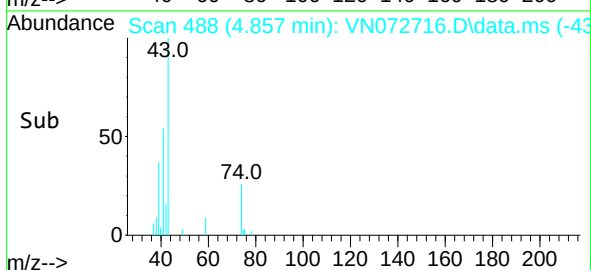
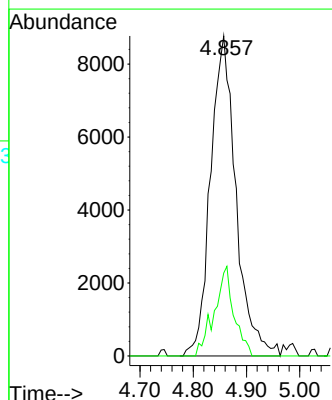
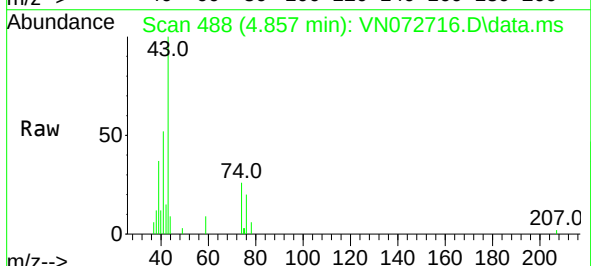
Acq: 08 Jun 2022 23:33

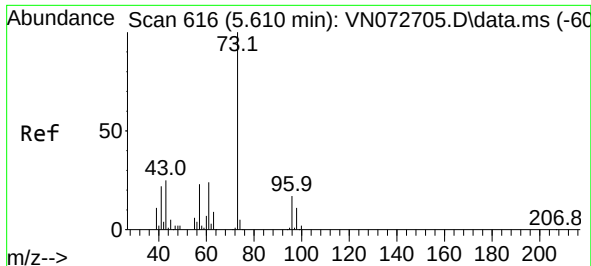
Tgt Ion: 43 Resp: 29052

Ion Ratio Lower Upper

43 100

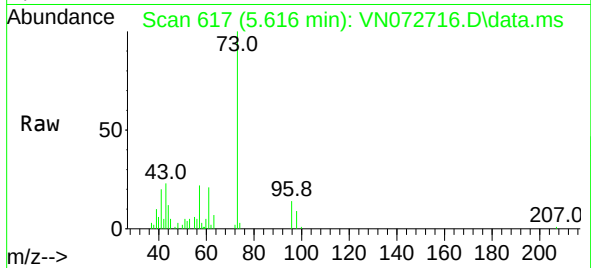
74 21.5 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 5.515 ug/l
RT: 5.616 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33

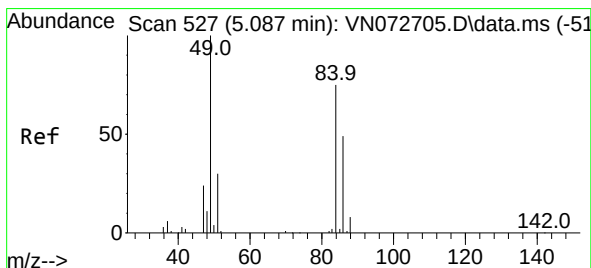
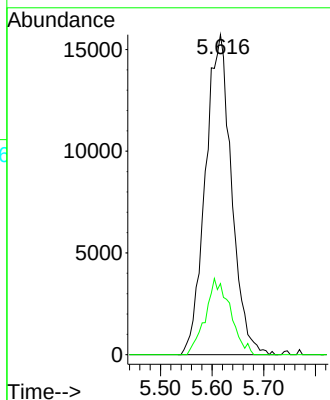
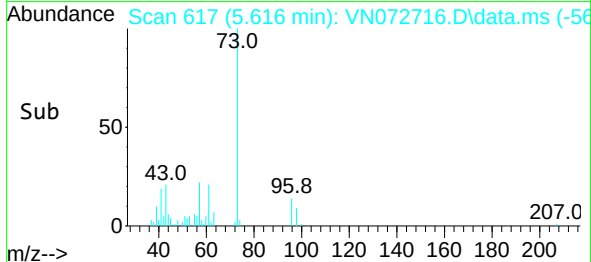
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 73 Resp: 5521
Ion Ratio Lower Upper
73 100
57 22.2 17.6 26.4

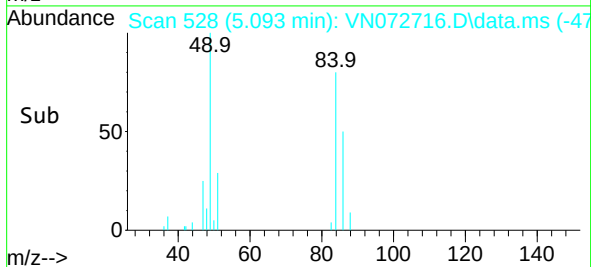
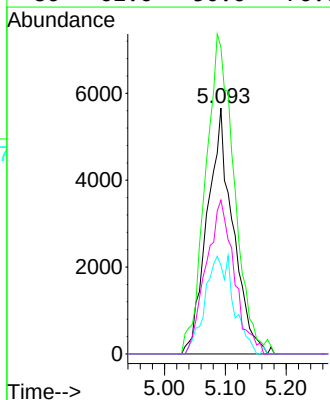
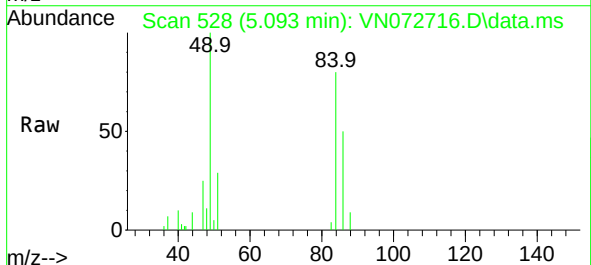
Manual Integrations
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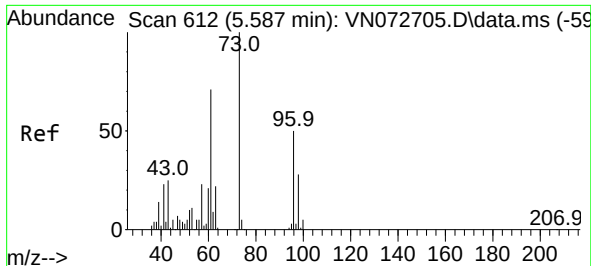
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#20
Methylene Chloride
Concen: 5.351 ug/l
RT: 5.093 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33

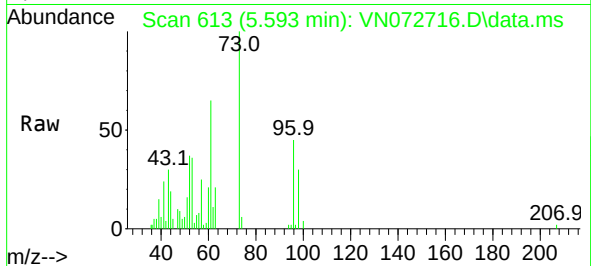
Tgt Ion: 84 Resp: 16664
Ion Ratio Lower Upper
84 100
49 124.6 88.3 132.5
51 36.1 28.2 42.2
86 62.6 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 5.781 ug/l
RT: 5.593 min Scan# 612
Delta R.T. 0.006 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33

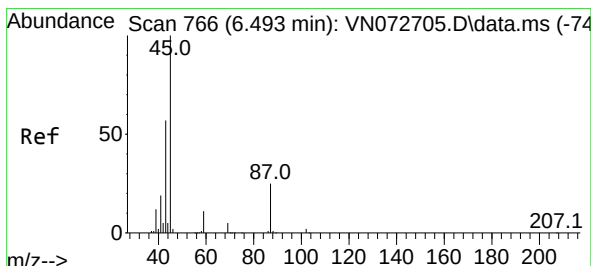
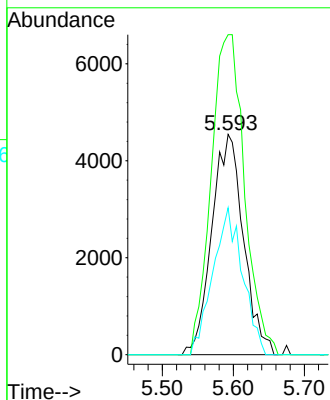
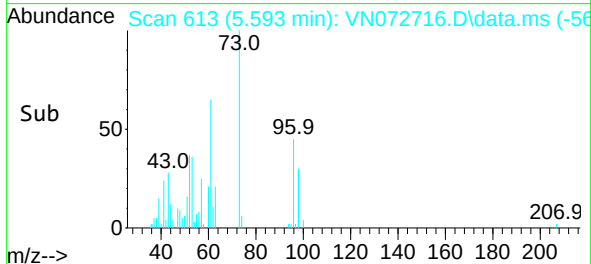
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 96 Resp: 1409
Ion Ratio Lower Upper
96 100
61 145.2 105.8 158.8
98 66.6 50.3 75.5

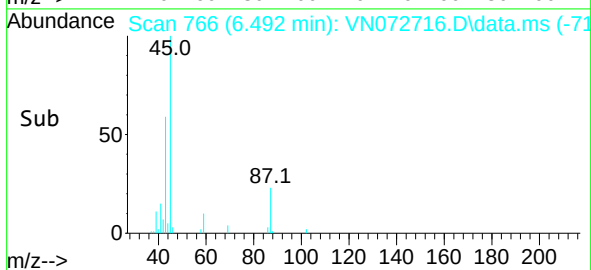
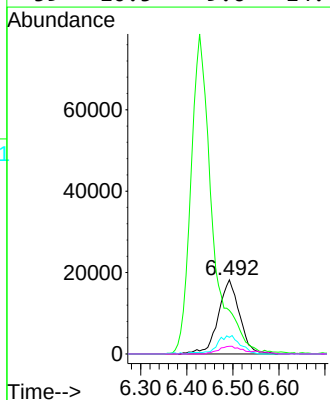
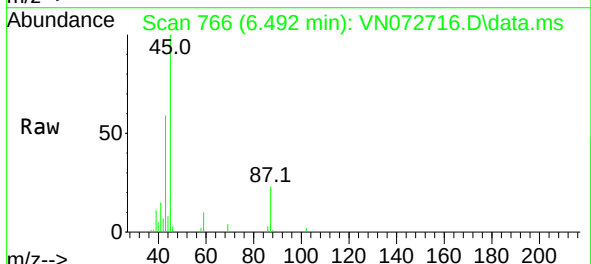
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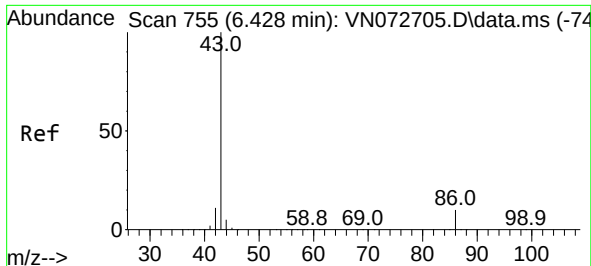
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#22
Diisopropyl ether
Concen: 5.627 ug/l
RT: 6.492 min Scan# 766
Delta R.T. -0.001 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33

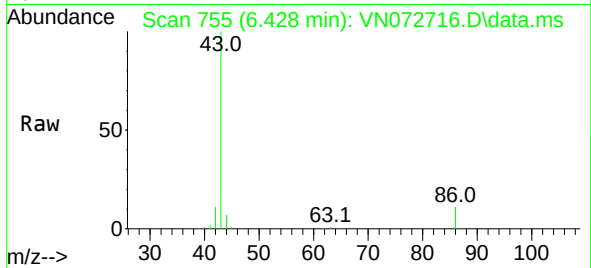
Tgt Ion: 45 Resp: 58278
Ion Ratio Lower Upper
45 100
43 56.4 46.6 70.0
87 22.5 24.3 36.5#
59 10.5 9.6 14.4





#23
 Vinyl Acetate
 Concen: 26.708 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.000 min
 Lab File: VN072716.D
 Acq: 08 Jun 2022 23:33

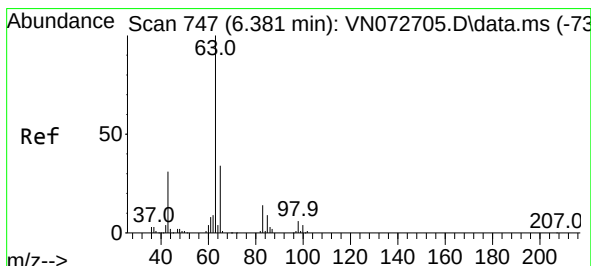
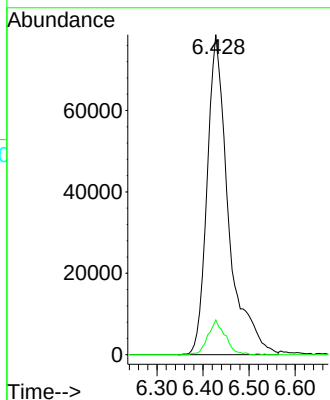
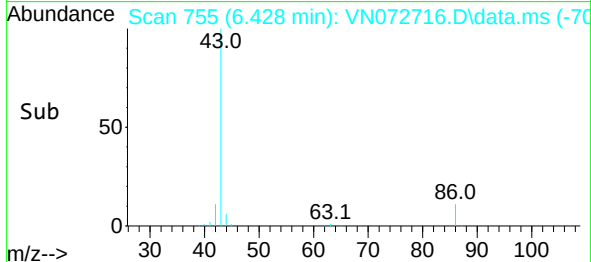
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2022



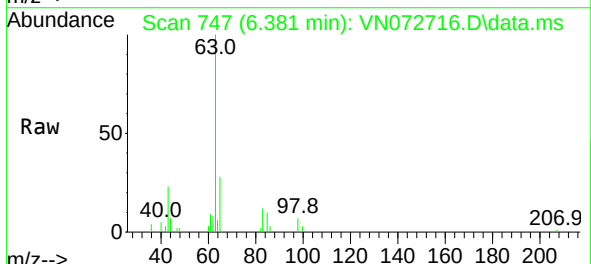
Tgt Ion: 43 Resp: 253260
 Ion Ratio Lower Upper
 43 100
 86 10.9 10.0 15.0

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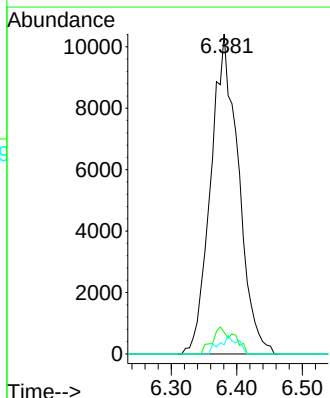
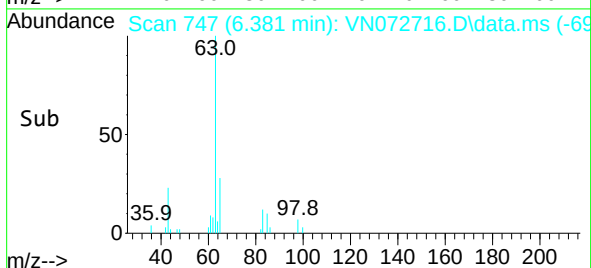
Reviewed By :John Carlone 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022

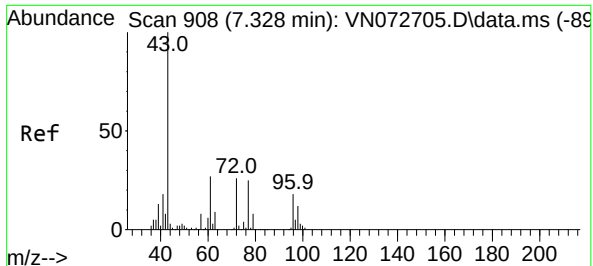


#24
 1,1-Dichloroethane
 Concen: 5.686 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. -0.000 min
 Lab File: VN072716.D
 Acq: 08 Jun 2022 23:33



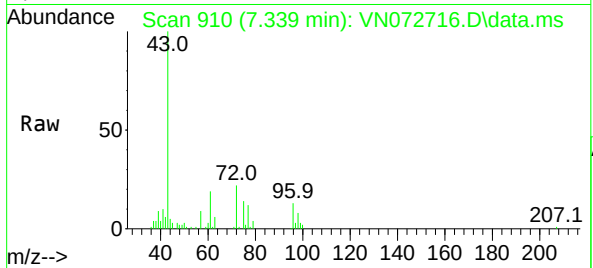
Tgt Ion: 63 Resp: 30582
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.4
 100 2.9 2.3 6.8





#25
2-Butanone
Concen: 27.787 ug/l
RT: 7.339 min Scan# 910
Delta R.T. 0.011 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33

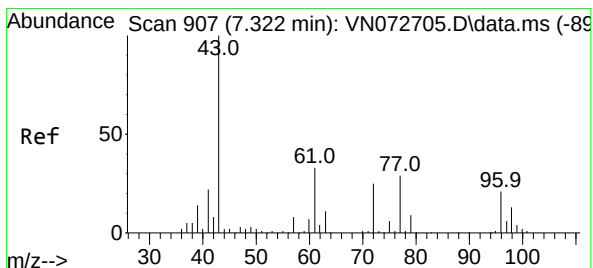
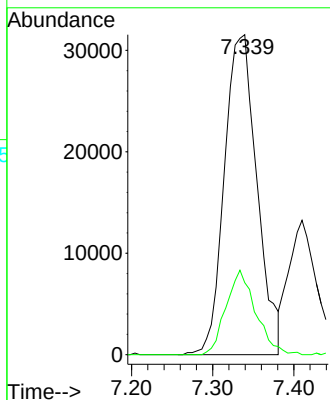
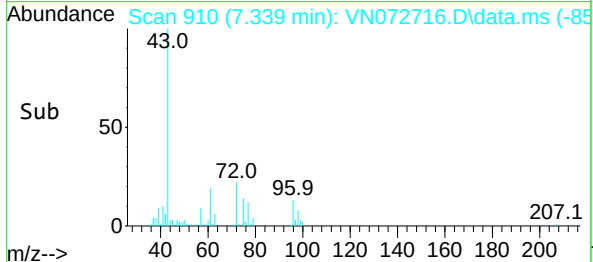
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 43 Resp: 8818
Ion Ratio Lower Upper
43 100
72 22.5 23.7 35.5

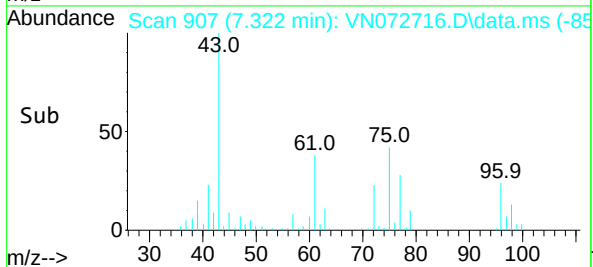
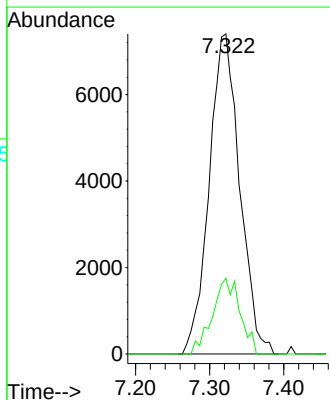
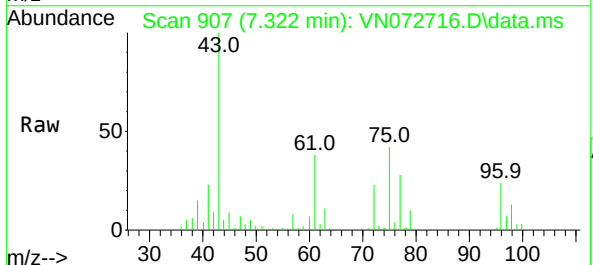
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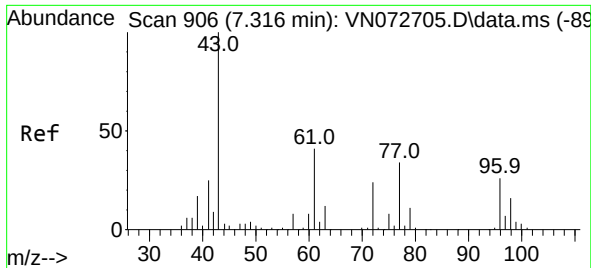
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#26
2,2-Dichloropropane
Concen: 4.360 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33

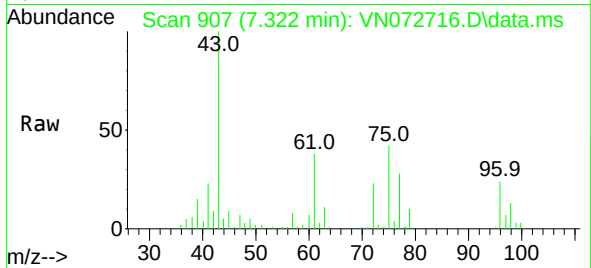
Tgt Ion: 77 Resp: 21204
Ion Ratio Lower Upper
77 100
97 21.4 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 5.431 ug/l
 RT: 7.322 min Scan# 906
 Delta R.T. 0.006 min
 Lab File: VN072716.D
 Acq: 08 Jun 2022 23:33

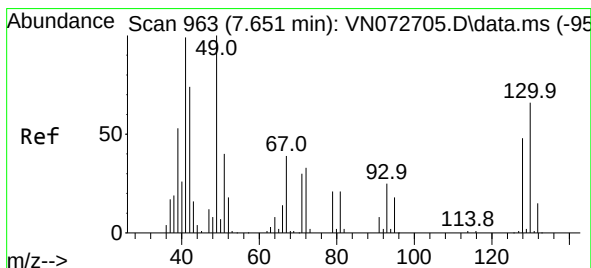
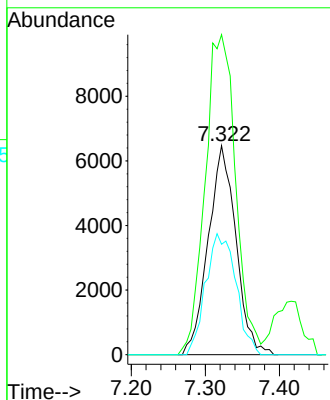
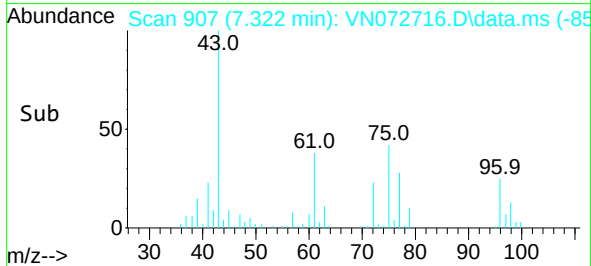
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2022



Tgt Ion: 96 Resp: 1683
 Ion Ratio Lower Upper
 96 100
 61 168.3 0.0 280.6
 98 62.9 0.0 128.4

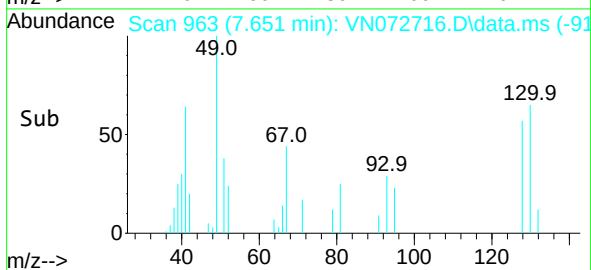
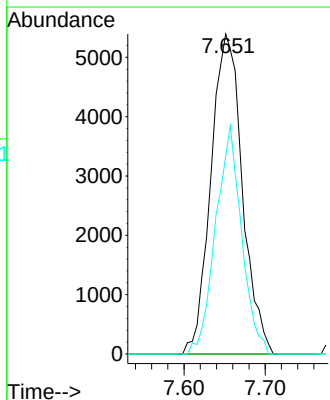
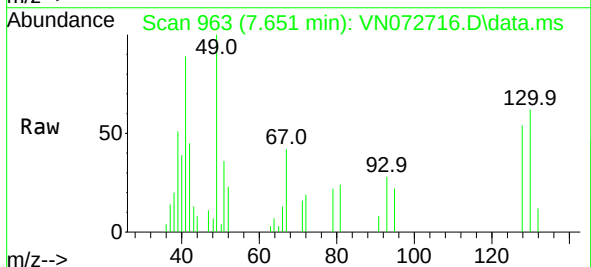
Manual Integrations
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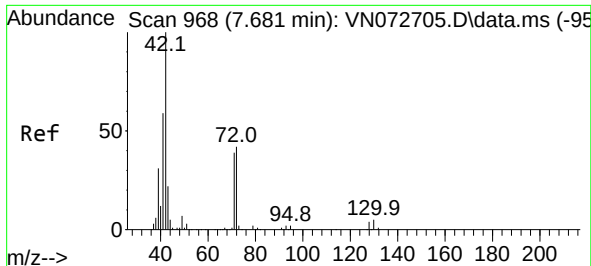
Reviewed By :John Carlone 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022



#28
 Bromochloromethane
 Concen: 5.713 ug/l
 RT: 7.651 min Scan# 963
 Delta R.T. 0.000 min
 Lab File: VN072716.D
 Acq: 08 Jun 2022 23:33

Tgt Ion: 49 Resp: 14513
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.6
 130 59.0 69.7 104.5#





#29

Tetrahydrofuran

Concen: 28.381 ug/l

RT: 7.686 min Scan# 90

Delta R.T. 0.005 min

Lab File: VN072716.D

Acq: 08 Jun 2022 23:33

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2022

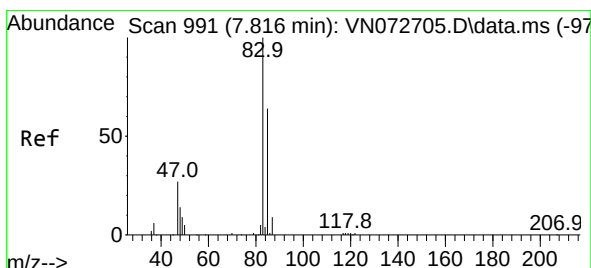
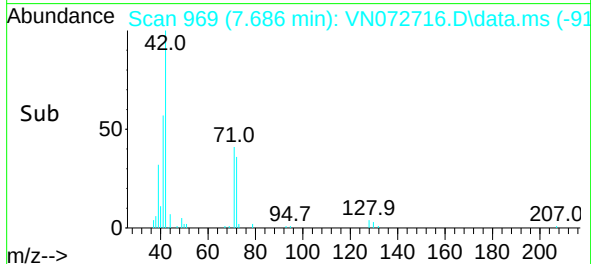
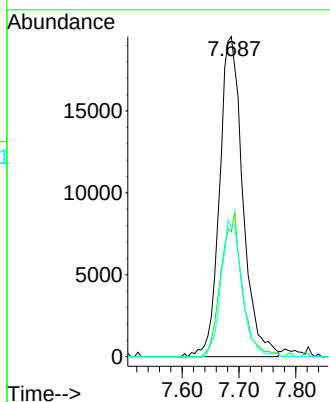
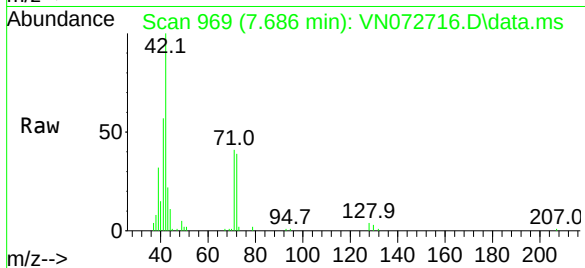
Tgt Ion:	42	Resp:	55654
Ion	Ratio	Lower	Upper
42	100		
72	40.7	39.7	59.5
71	38.3	36.6	55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#30

Chloroform

Concen: 5.440 ug/l

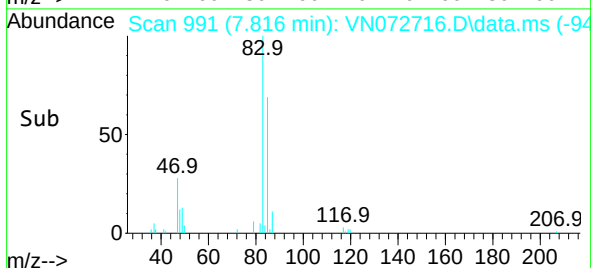
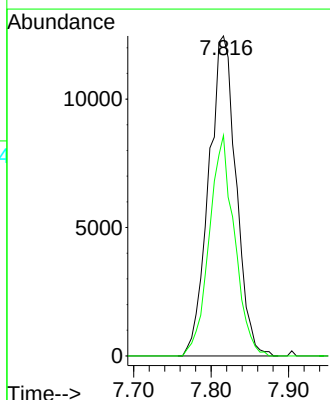
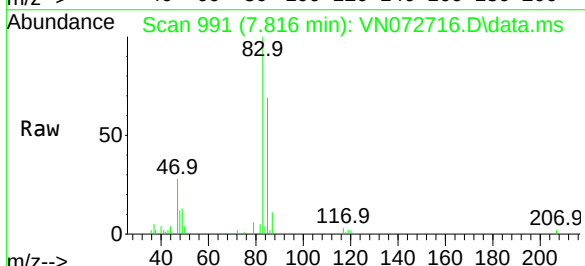
RT: 7.816 min Scan# 991

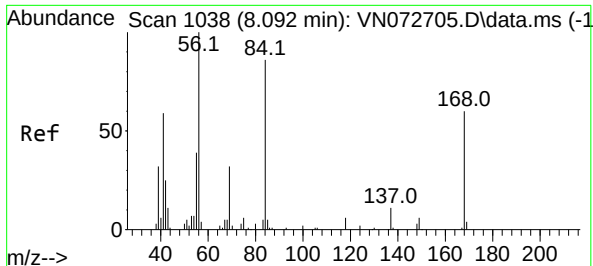
Delta R.T. -0.000 min

Lab File: VN072716.D

Acq: 08 Jun 2022 23:33

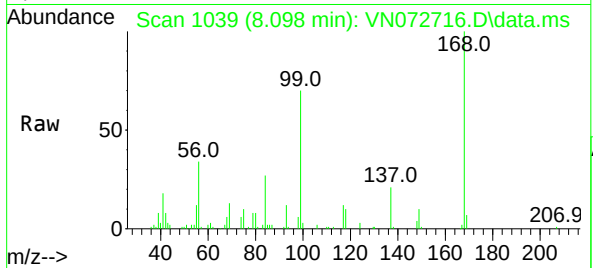
Tgt Ion:	83	Resp:	30497
Ion	Ratio	Lower	Upper
83	100		
85	68.9	51.8	77.8





#31
Cyclohexane
Concen: 6.859 ug/l
RT: 8.098 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33

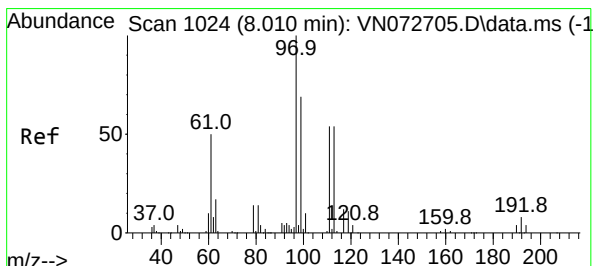
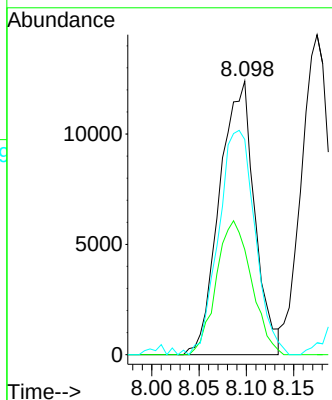
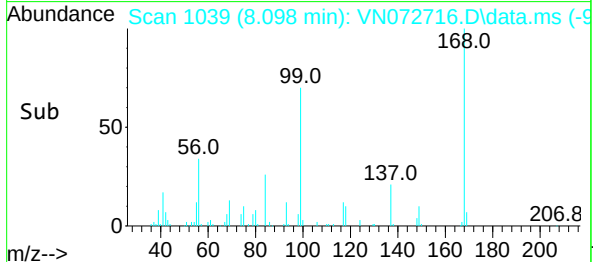
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



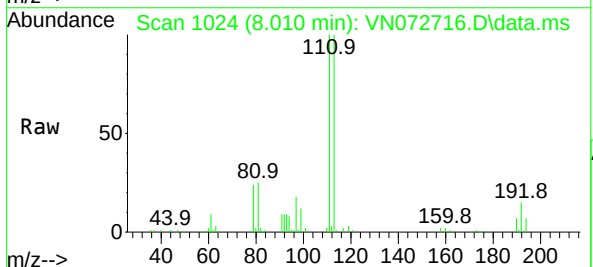
Tgt Ion: 56 Resp: 31920
Ion Ratio Lower Upper
56 100
69 38.4 27.8 41.8
84 78.7 76.9 115.3

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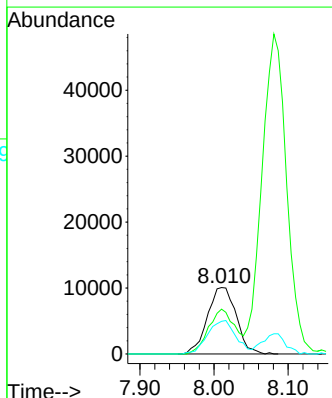
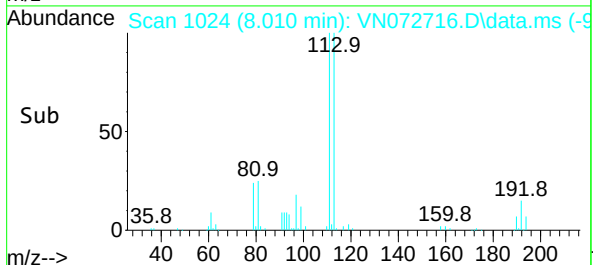
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

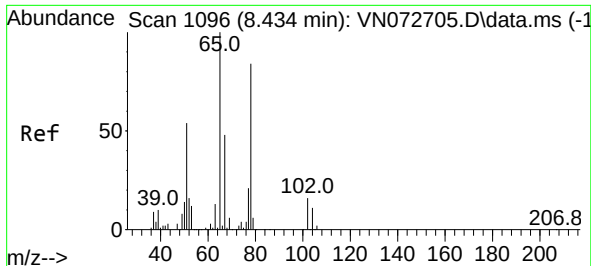


#32
1,1,1-Trichloroethane
Concen: 5.475 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33



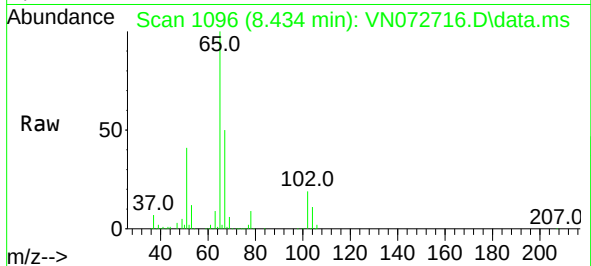
Tgt Ion: 97 Resp: 27125
Ion Ratio Lower Upper
97 100
99 63.0 50.6 76.0
61 49.9 36.0 54.0





#33
 1,2-Dichloroethane-d4
 Concen: 54.325 ug/l
 RT: 8.434 min Scan# 1096
 Delta R.T. -0.000 min
 Lab File: VN072716.D
 Acq: 08 Jun 2022 23:33

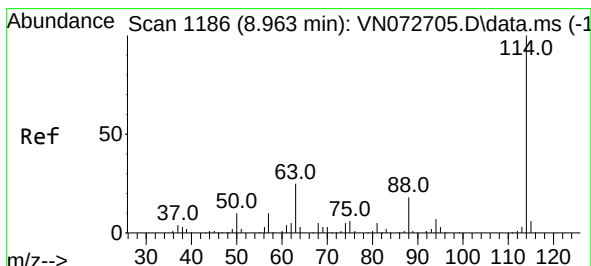
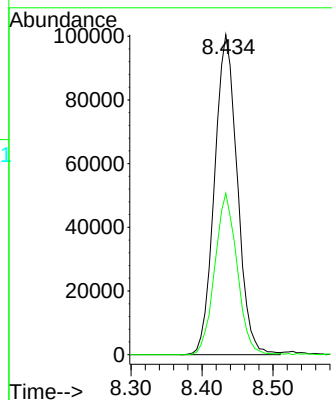
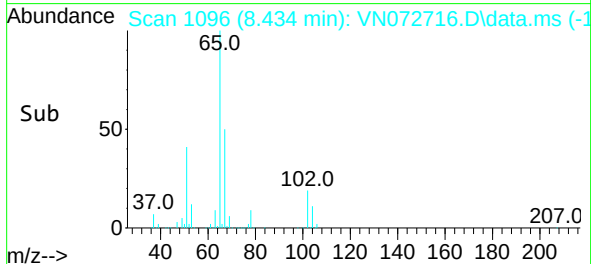
Instrument : MSVOA_N
 ClientSampleId : LOQ-WATER-02-QT2-2022



Tgt Ion: 65 Resp: 223664
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 104.8

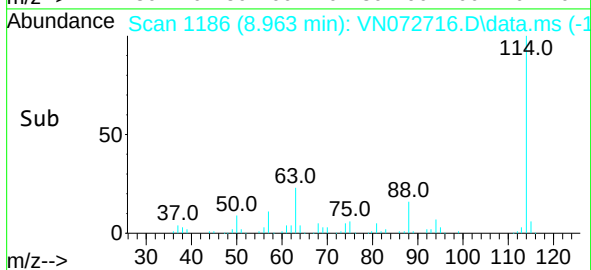
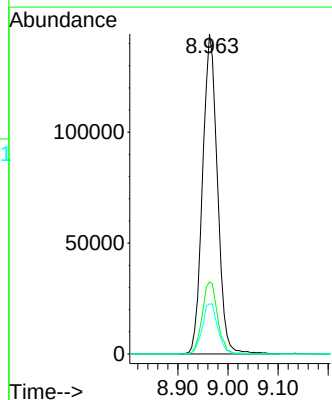
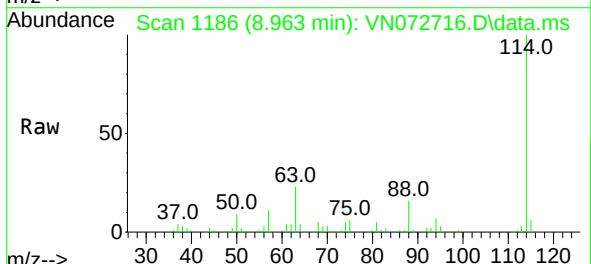
Manual Integrations
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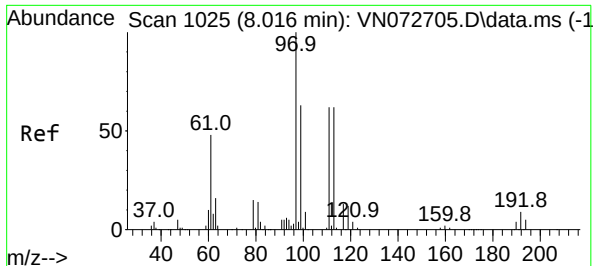
Reviewed By :John Carlone 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.963 min Scan# 1186
 Delta R.T. -0.000 min
 Lab File: VN072716.D
 Acq: 08 Jun 2022 23:33

Tgt Ion:114 Resp: 297255
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 40.0
 88 15.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.108 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN072716.D

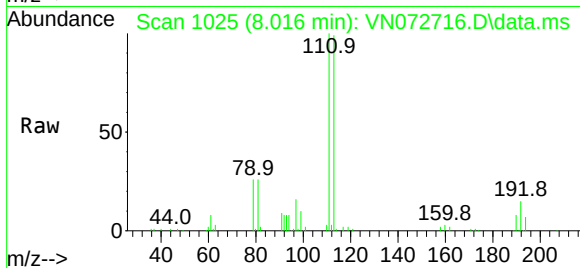
Acq: 08 Jun 2022 23:33

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2022



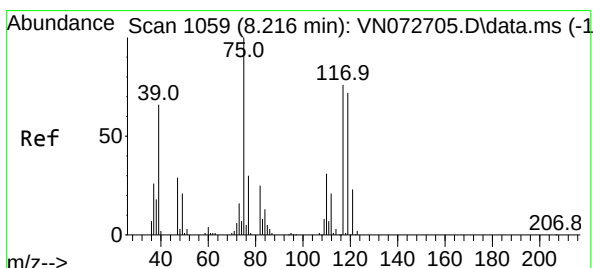
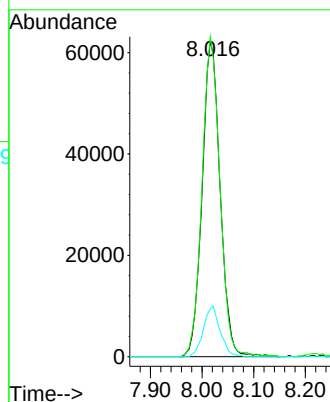
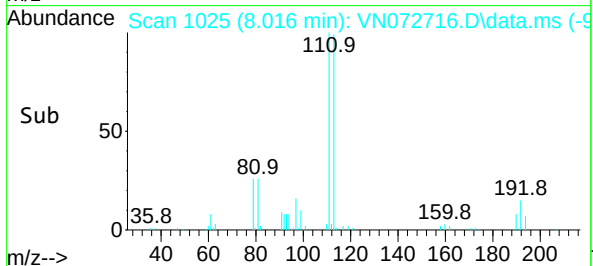
Tgt Ion:	113	Resp:	15032
Ion Ratio	Lower	Upper	
113	100		
111	100.9	81.4	122.0
192	14.9	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#36

1,1-Dichloropropene

Concen: 5.359 ug/l

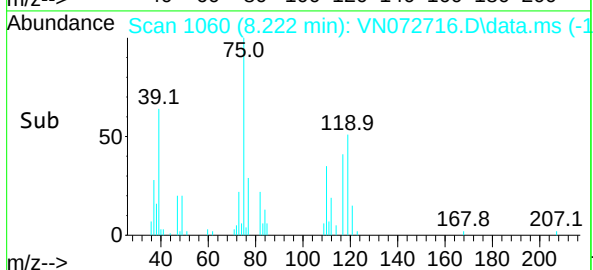
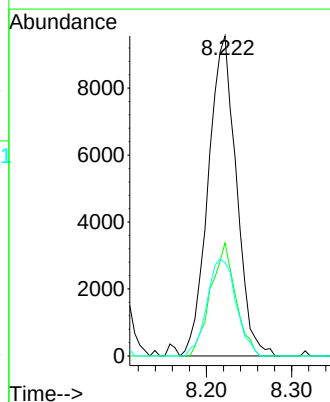
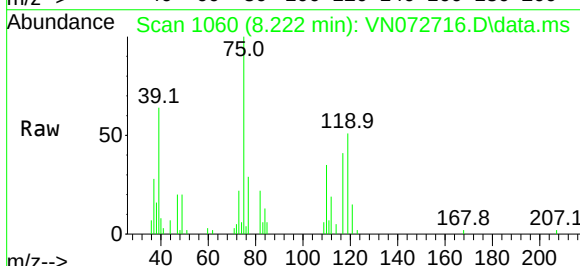
RT: 8.222 min Scan# 1060

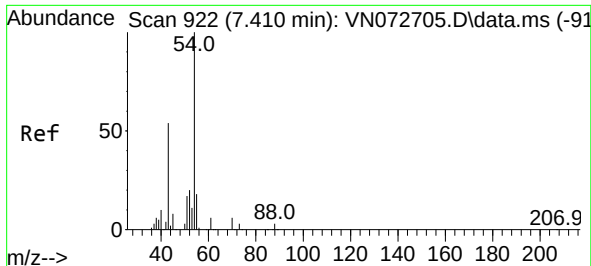
Delta R.T. 0.006 min

Lab File: VN072716.D

Acq: 08 Jun 2022 23:33

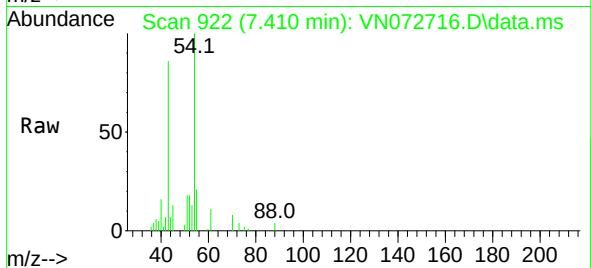
Tgt Ion:	75	Resp:	21879
Ion Ratio	Lower	Upper	
75	100		
110	31.5	18.3	54.8
77	31.3	25.1	37.7





#37
Ethyl Acetate
Concen: 5.023 ug/l
RT: 7.410 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33

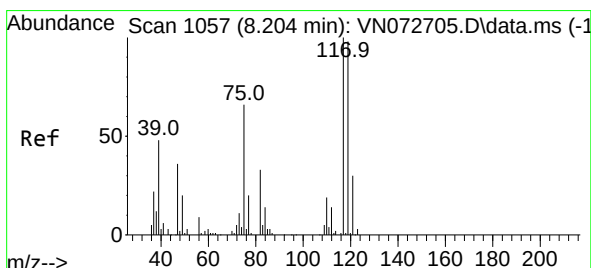
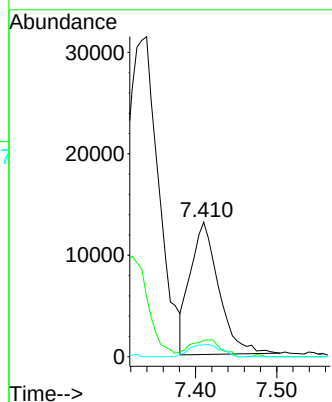
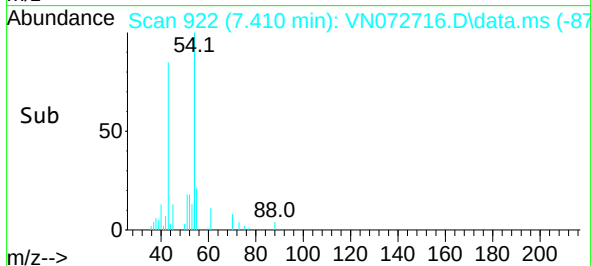
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 43 Resp: 3186
Ion Ratio Lower Upper
43 100
61 13.9 11.8 17.6
70 10.0 9.3 13.9

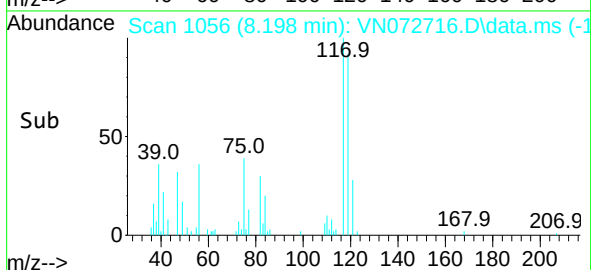
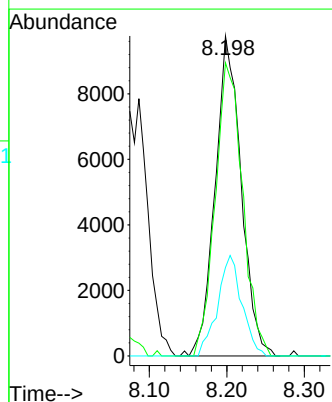
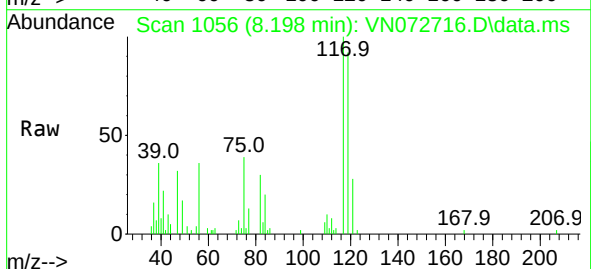
Manual Integrations
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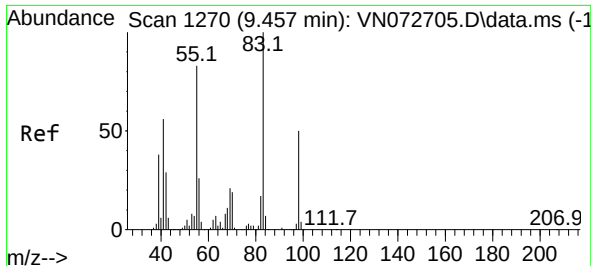
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#38
Carbon Tetrachloride
Concen: 5.232 ug/l
RT: 8.198 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33

Tgt Ion:117 Resp: 22828
Ion Ratio Lower Upper
117 100
119 91.6 75.8 113.8
121 27.7 24.6 37.0





#39

Methylcyclohexane

Concen: 5.353 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN072716.D

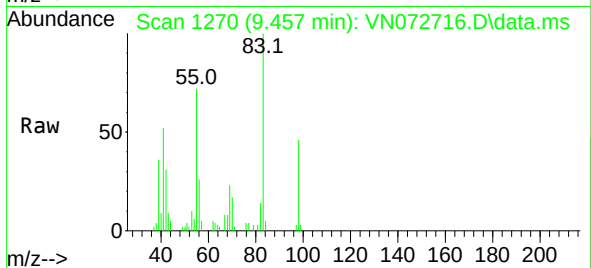
Acq: 08 Jun 2022 23:33

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2022



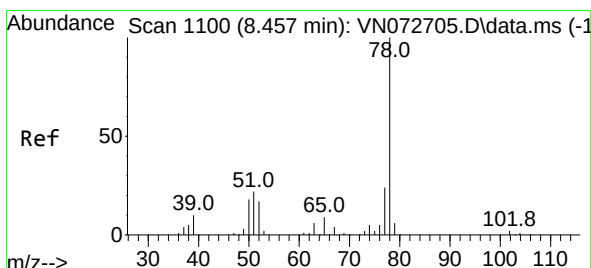
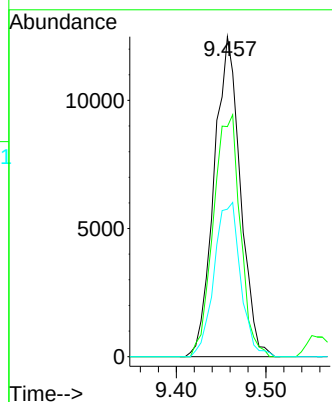
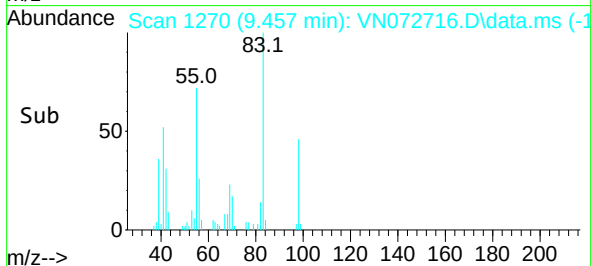
Tgt Ion: 83	Resp: 2535
Ion Ratio	Lower Upper
83	100
55	71.9 57.8 86.8
98	46.1 39.4 59.2

Manual Integrations

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Reviewed By :John Carlone 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#40

Benzene

Concen: 5.356 ug/l

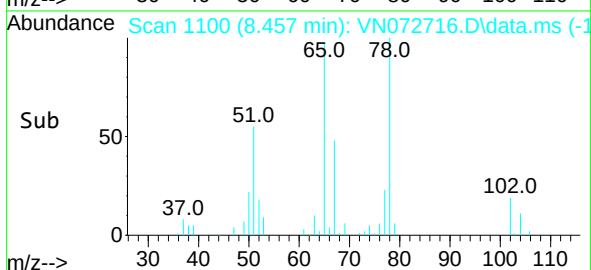
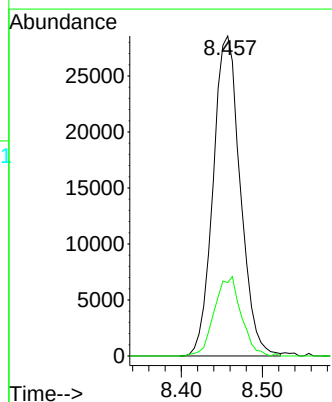
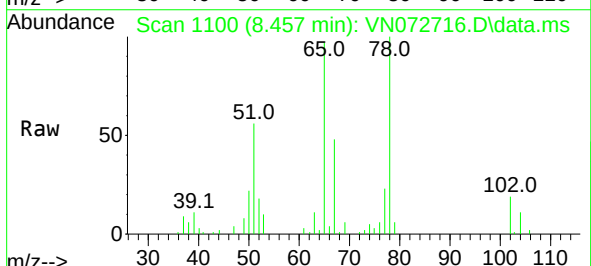
RT: 8.457 min Scan# 1100

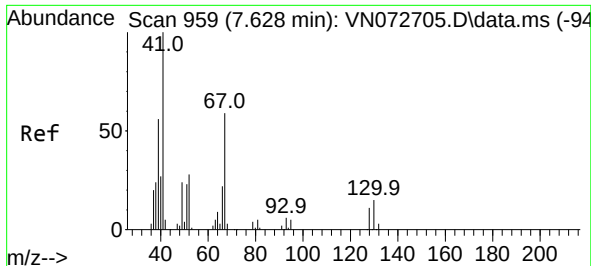
Delta R.T. 0.000 min

Lab File: VN072716.D

Acq: 08 Jun 2022 23:33

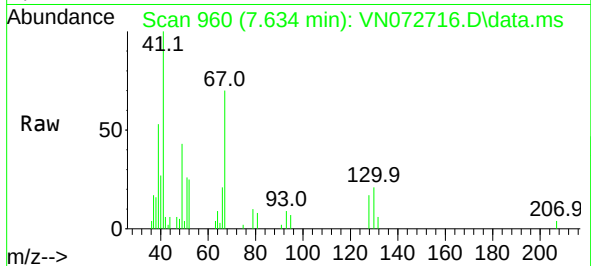
Tgt Ion: 78	Resp: 66362
Ion Ratio	Lower Upper
78	100
77	23.0 19.4 29.0





#41
Methacrylonitrile
Concen: 5.547 ug/l m
RT: 7.634 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33

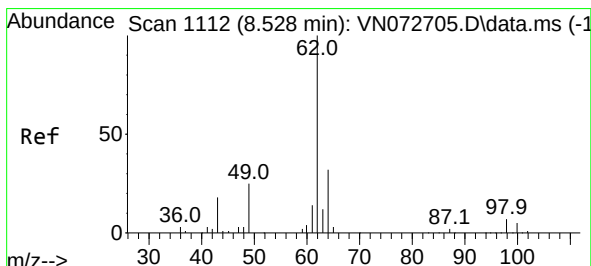
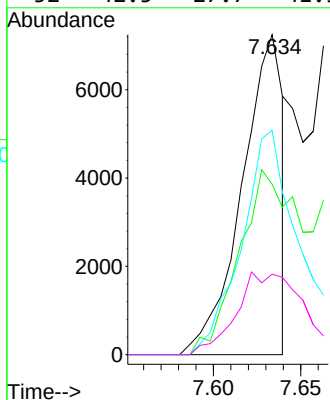
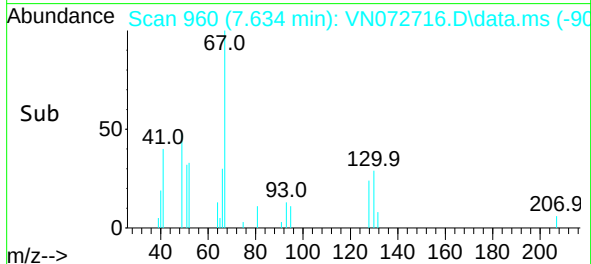
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 41 Resp: 11860
Ion Ratio Lower Upper
41 100
39 79.6 48.6 73.0
67 99.6 73.4 110.2
52 42.5 27.7 41.5#

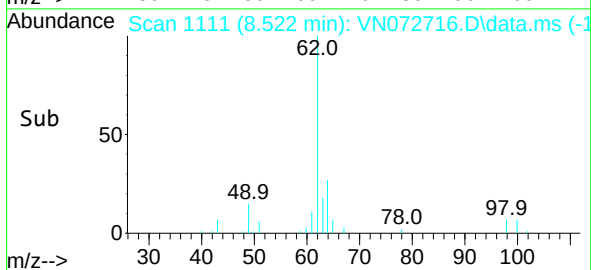
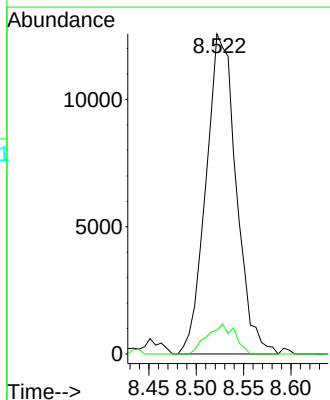
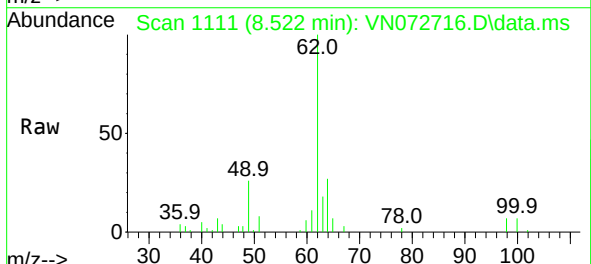
Manual Integrations
APPROVED

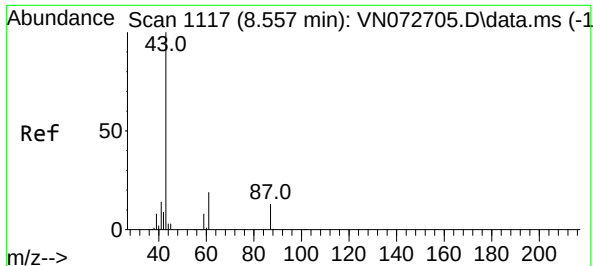
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#42
1,2-Dichloroethane
Concen: 5.434 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. -0.006 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33

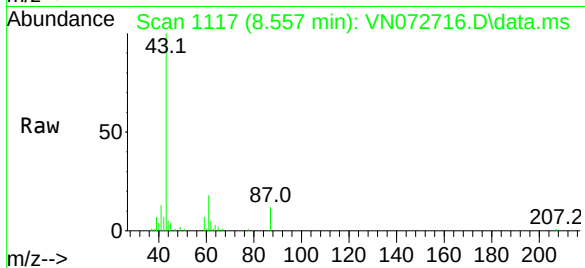
Tgt Ion: 62 Resp: 27914
Ion Ratio Lower Upper
62 100
98 8.6 0.0 19.4





#43
Isopropyl Acetate
Concen: 5.036 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33

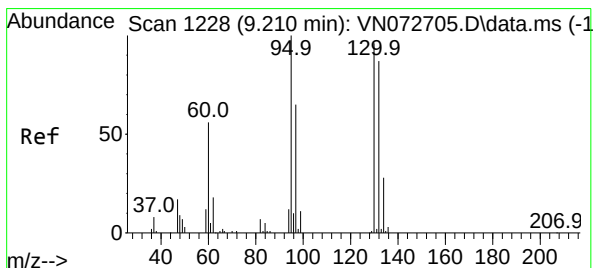
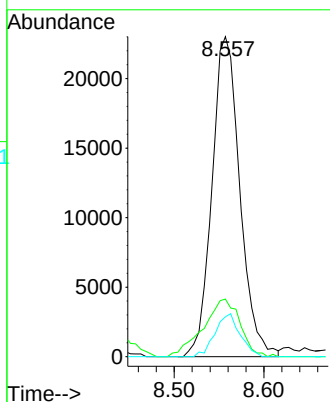
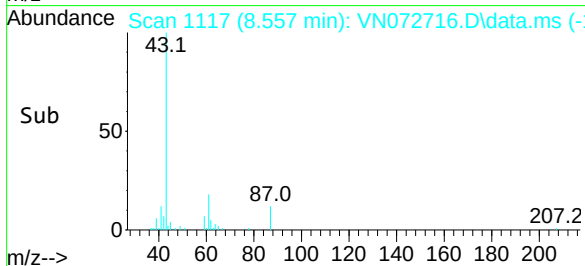
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2022



Tgt Ion: 43 Resp: 49749
Ion Ratio Lower Upper
43 100
61 23.8 21.9 32.9
87 12.0 12.0 18.0

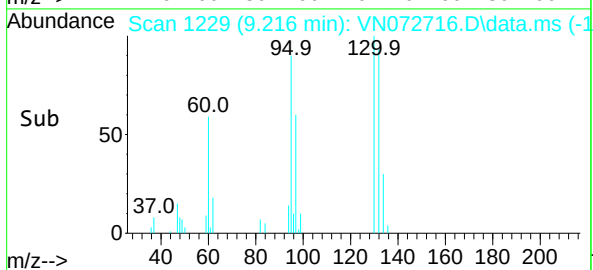
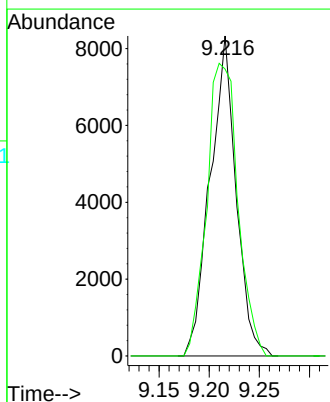
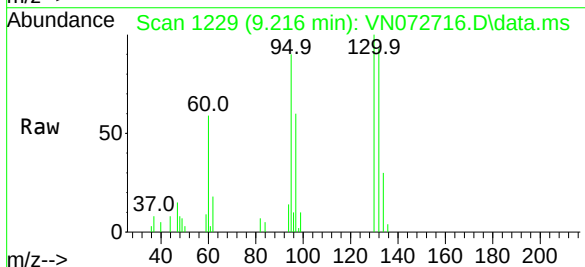
Manual Integrations
APPROVED

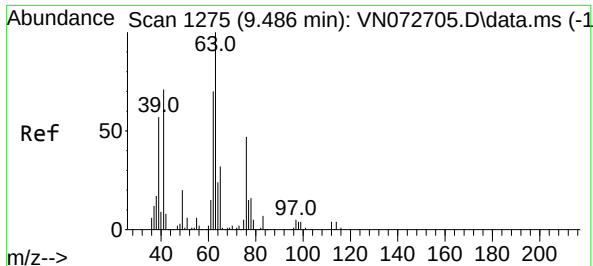
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#44
Trichloroethene
Concen: 5.202 ug/l
RT: 9.216 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33

Tgt Ion:130 Resp: 15006
Ion Ratio Lower Upper
130 100
95 89.6 0.0 186.8





#45

1,2-Dichloropropane

Concen: 5.351 ug/l

RT: 9.480 min Scan# 1275

Delta R.T. -0.006 min

Lab File: VN072716.D

Acq: 08 Jun 2022 23:33

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2022

Tgt Ion: 63 Resp: 17914

Ion Ratio Lower Upper

63 100

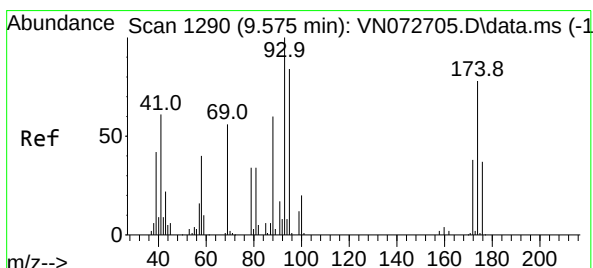
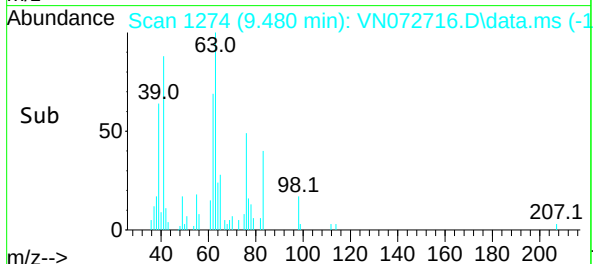
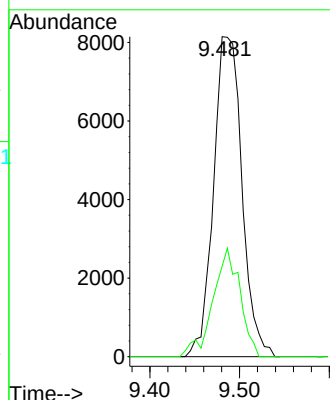
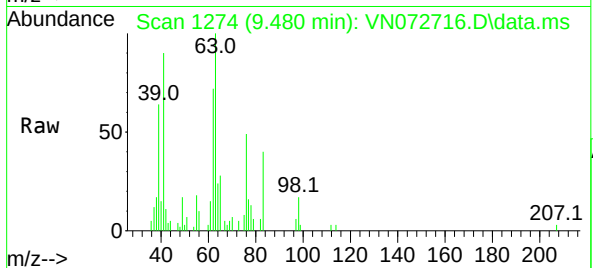
65 28.2 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#46

Dibromomethane

Concen: 5.441 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN072716.D

Acq: 08 Jun 2022 23:33

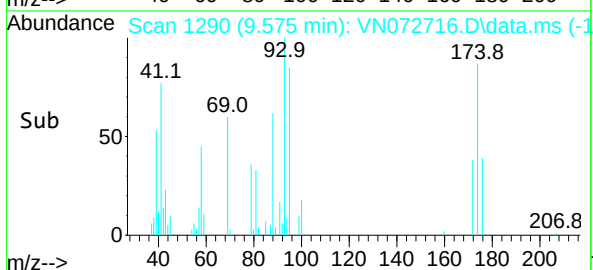
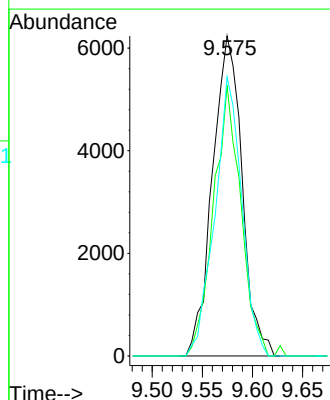
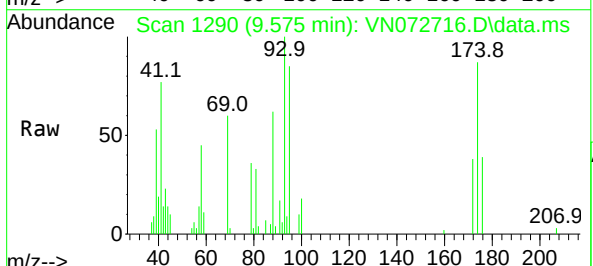
Tgt Ion: 93 Resp: 12734

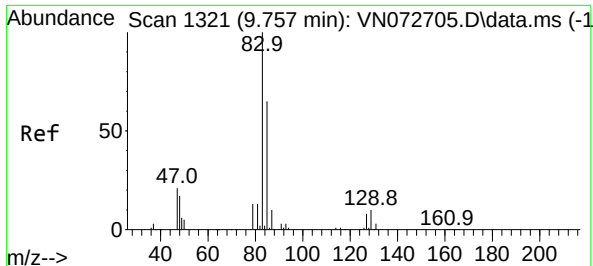
Ion Ratio Lower Upper

93 100

95 78.2 66.9 100.3

174 79.6 86.6 130.0#





#47

Bromodichloromethane

Concen: 5.064 ug/l

RT: 9.763 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN072716.D

Acq: 08 Jun 2022 23:33

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2022

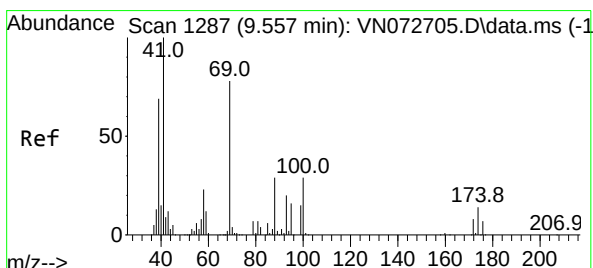
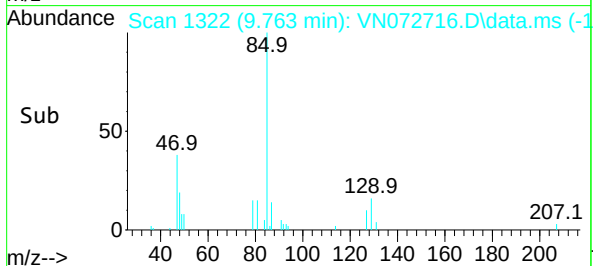
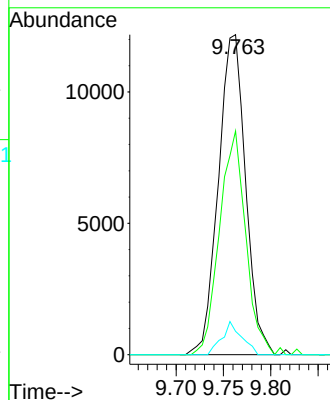
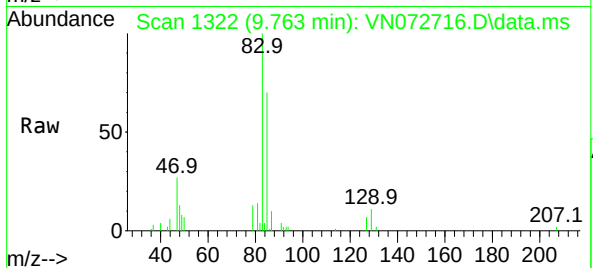
Tgt Ion: 83	Resp: 24364
Ion Ratio	Lower Upper
83 100	
85 69.9	50.5 75.7
127 7.3	6.8 10.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#48

Methyl methacrylate

Concen: 4.610 ug/l

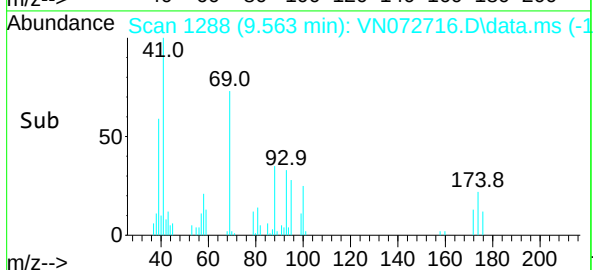
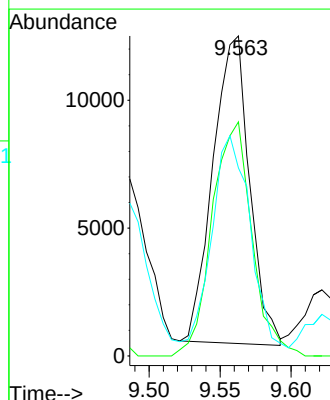
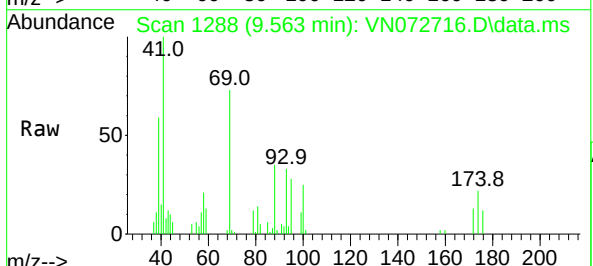
RT: 9.563 min Scan# 1288

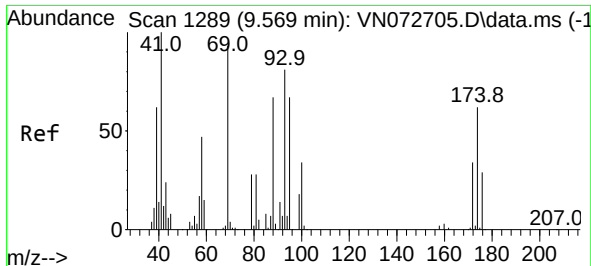
Delta R.T. 0.006 min

Lab File: VN072716.D

Acq: 08 Jun 2022 23:33

Tgt Ion: 41	Resp: 21547
Ion Ratio	Lower Upper
41 100	
69 82.9	74.7 112.1
39 78.2	45.6 68.4





#49

1,4-Dioxane

Concen: 107.103 ug/l

RT: 9.563 min Scan# 1289

Delta R.T. -0.006 min

Lab File: VN072716.D

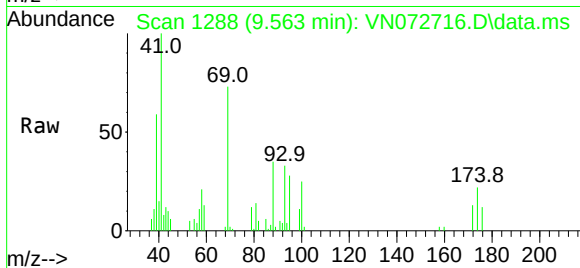
Acq: 08 Jun 2022 23:33

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2022



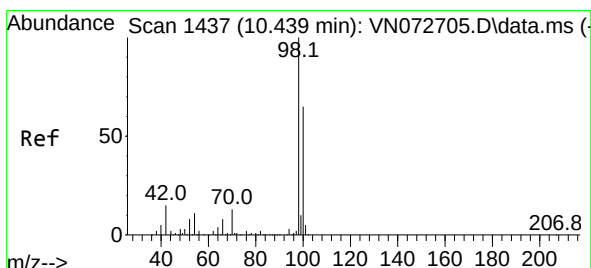
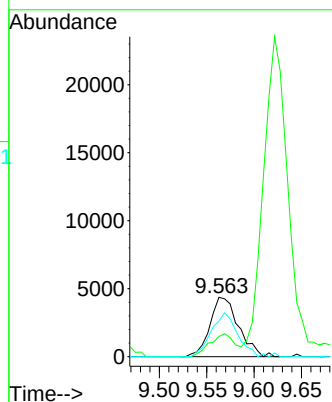
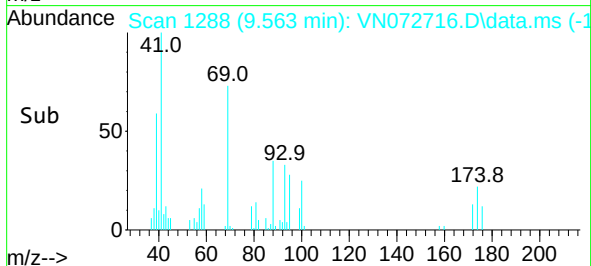
Tgt Ion:	88	Resp:	9150
Ion Ratio	Lower	Upper	
88	100		
43	34.3	20.2	30.4
58	68.5	54.2	81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#50

Toluene-d8

Concen: 50.773 ug/l

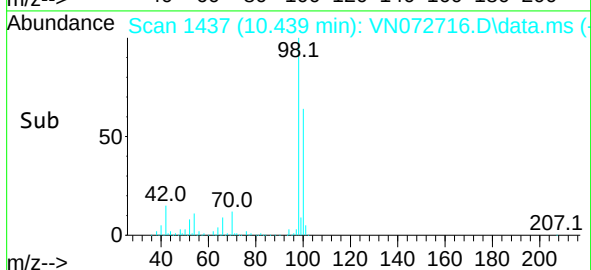
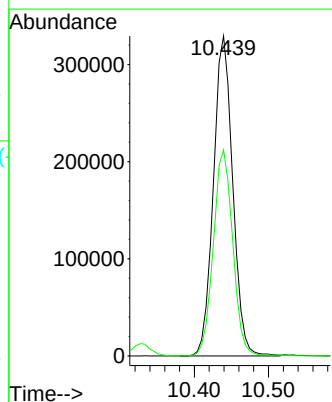
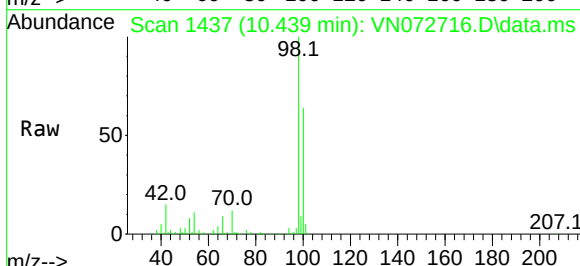
RT: 10.439 min Scan# 1437

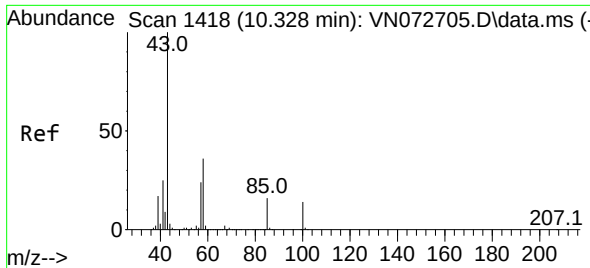
Delta R.T. 0.000 min

Lab File: VN072716.D

Acq: 08 Jun 2022 23:33

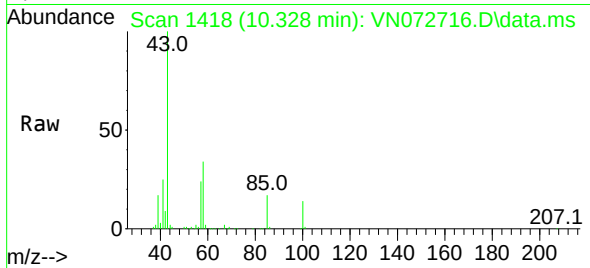
Tgt Ion:	98	Resp:	595829
Ion Ratio	Lower	Upper	
98	100		
100	64.7	52.6	78.8





#51
4-Methyl-2-Pentanone
Concen: 26.106 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33

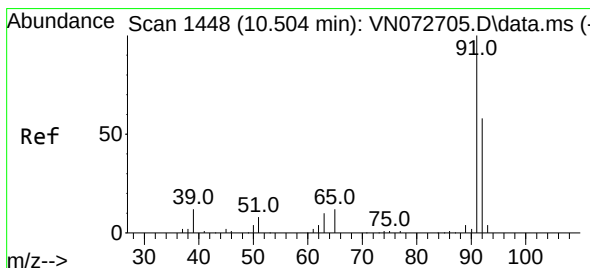
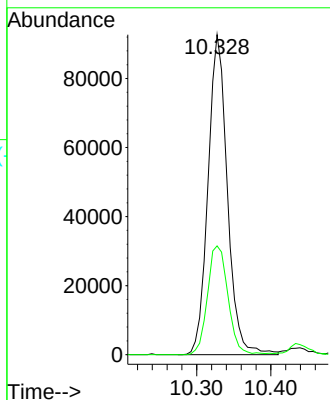
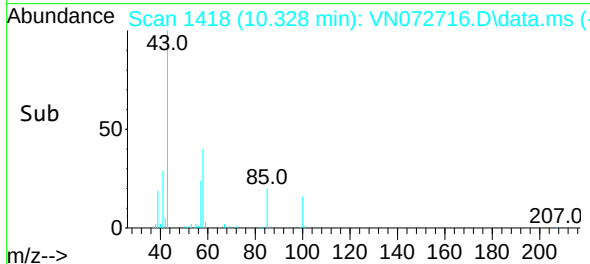
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



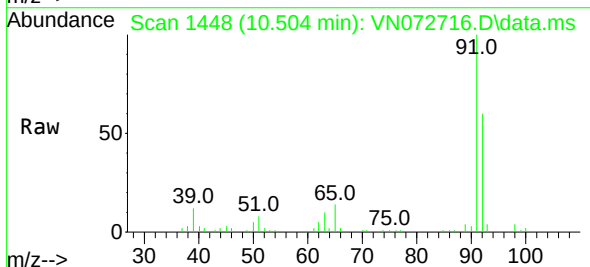
Tgt Ion: 43 Resp: 167940
Ion Ratio Lower Upper
43 100
58 36.1 34.1 51.1

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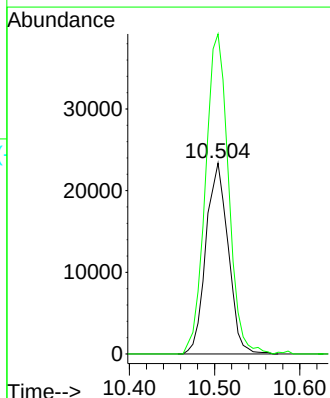
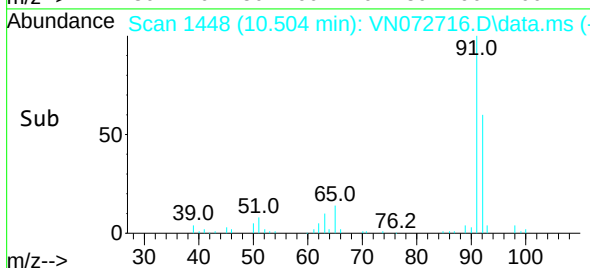
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

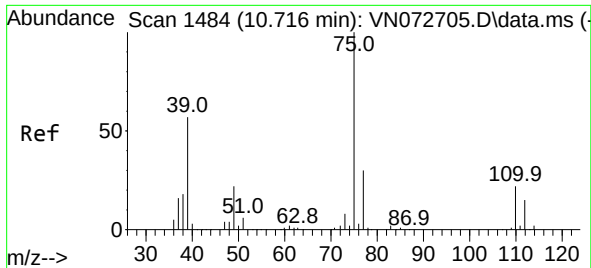


#52
Toluene
Concen: 5.482 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33



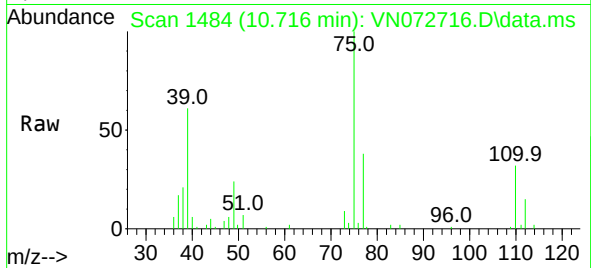
Tgt Ion: 92 Resp: 42402
Ion Ratio Lower Upper
92 100
91 173.5 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 4.704 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33

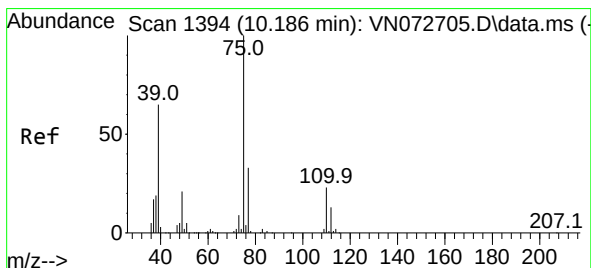
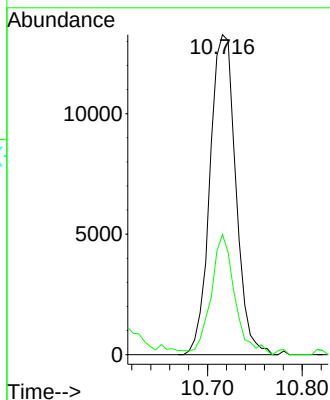
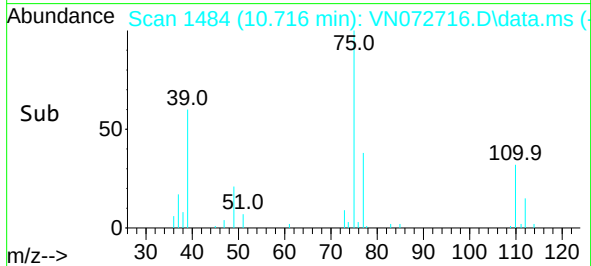
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2022



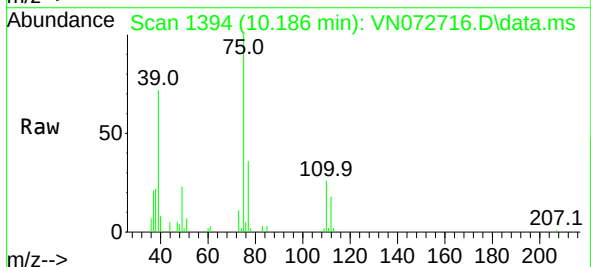
Tgt Ion: 75 Resp: 25138
Ion Ratio Lower Upper
75 100
77 36.3 25.6 38.4

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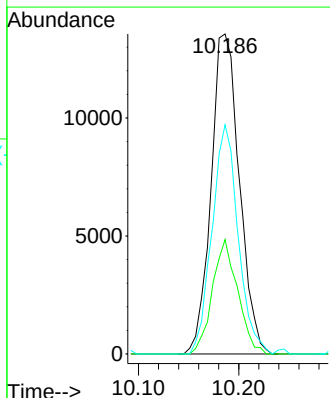
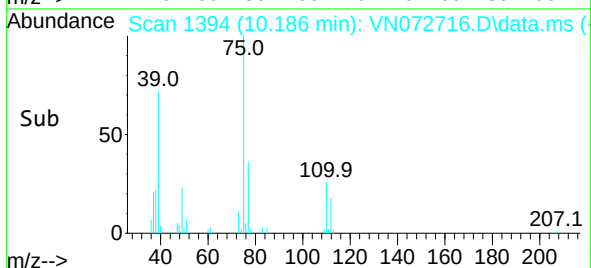
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

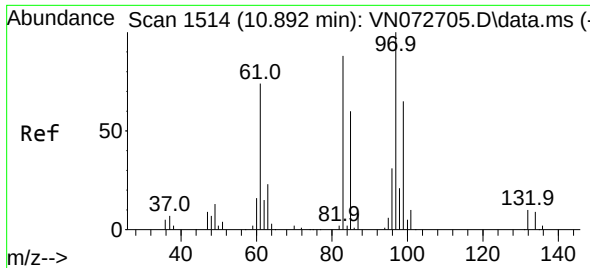


#54
cis-1,3-Dichloropropene
Concen: 4.814 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33



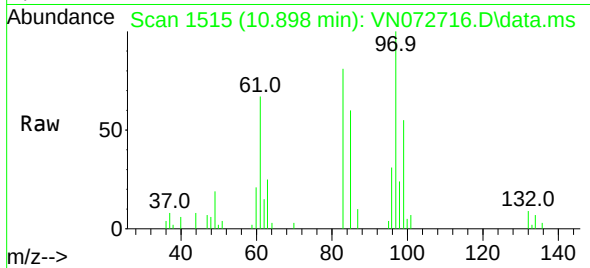
Tgt Ion: 75 Resp: 26584
Ion Ratio Lower Upper
75 100
77 35.8 25.2 37.8
39 71.6 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 5.014 ug/l
RT: 10.898 min Scan# 1515
Delta R.T. 0.006 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33

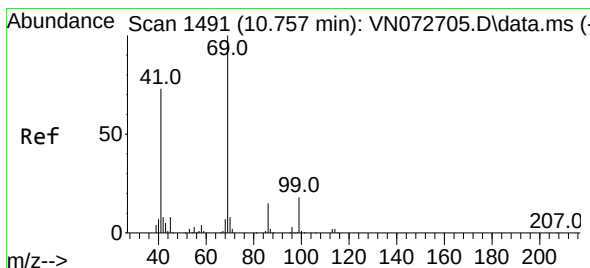
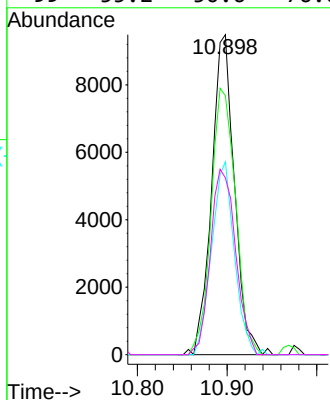
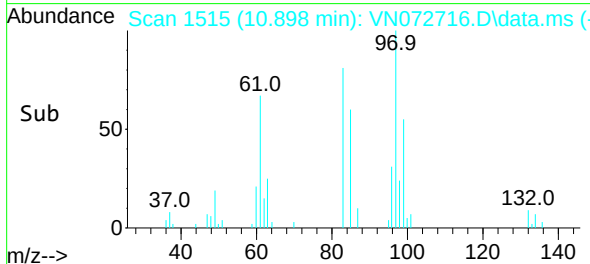
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



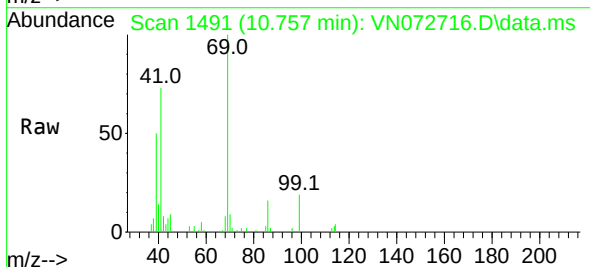
Tgt Ion: 97 Resp: 16738
Ion Ratio Lower Upper
97 100
83 80.9 66.2 99.4
85 60.3 43.9 65.9
99 55.2 50.6 76.0

Manual Integrations
APPROVED

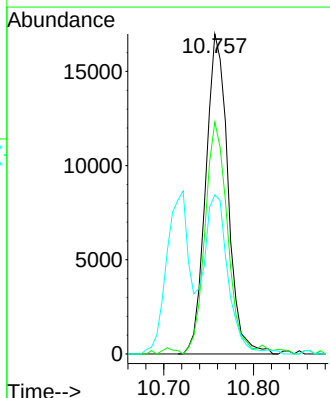
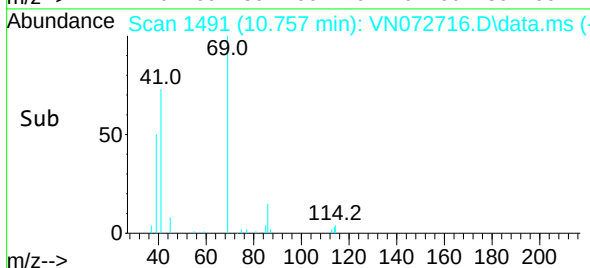
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

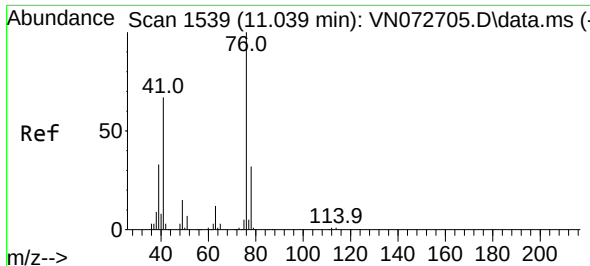


#56
Ethyl methacrylate
Concen: 4.943 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33



Tgt Ion: 69 Resp: 29185
Ion Ratio Lower Upper
69 100
41 73.2 47.8 71.6#
39 54.5 27.3 40.9#





#57

1,3-Dichloropropane

Concen: 5.187 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN072716.D

Acq: 08 Jun 2022 23:33

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2022

Tgt Ion: 76 Resp: 3091

Ion Ratio Lower Upper

76 100

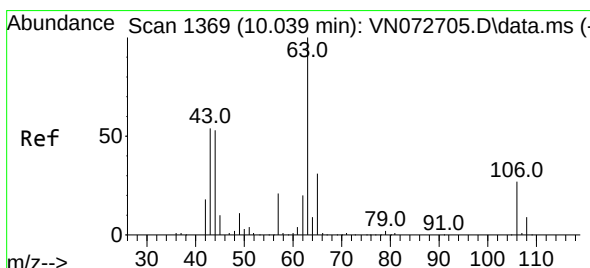
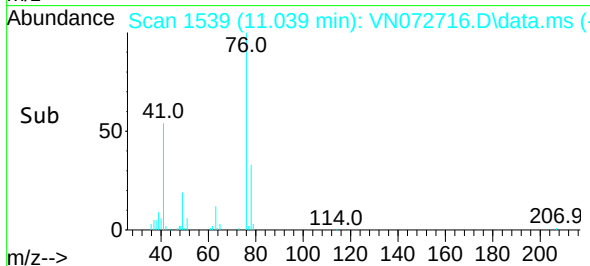
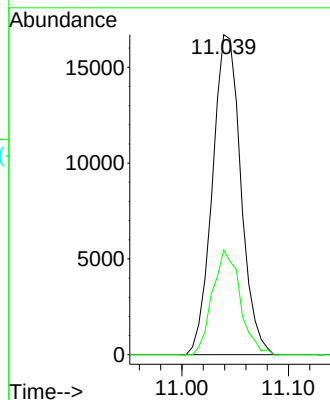
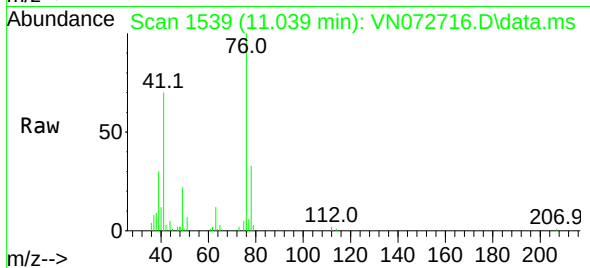
78 31.9 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#58

2-Chloroethyl Vinyl ether

Concen: 23.534 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VN072716.D

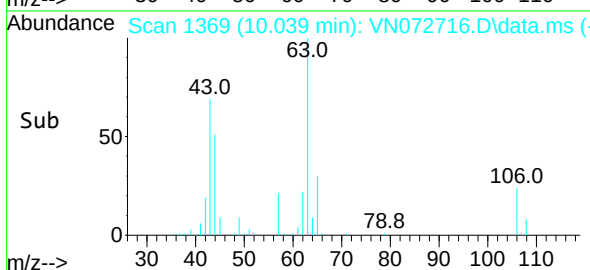
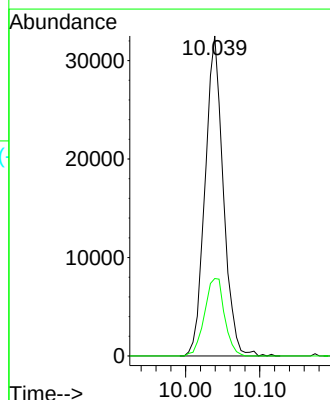
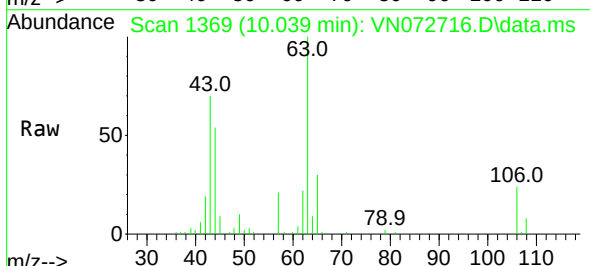
Acq: 08 Jun 2022 23:33

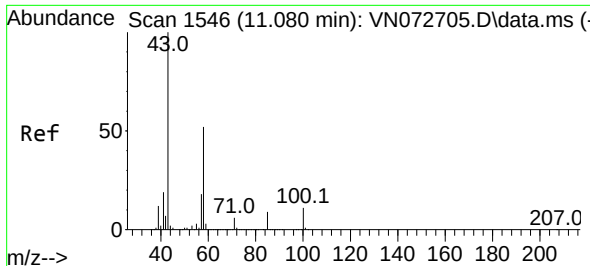
Tgt Ion: 63 Resp: 55375

Ion Ratio Lower Upper

63 100

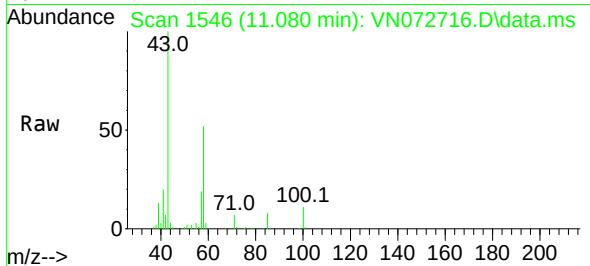
106 26.6 24.6 36.8





#59
2-Hexanone
Concen: 26.017 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33

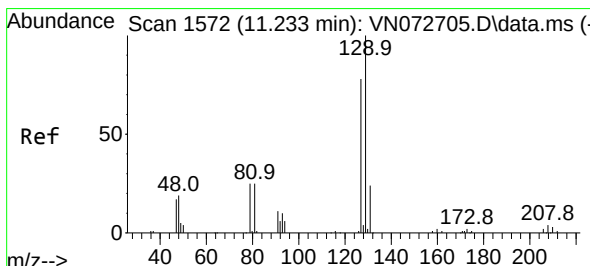
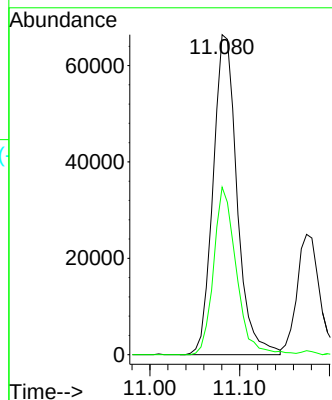
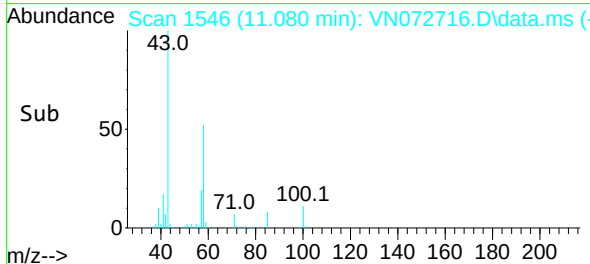
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2022



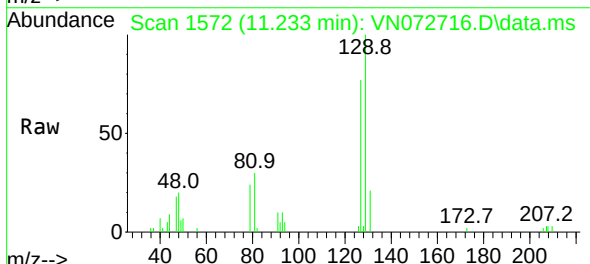
Tgt Ion: 43 Resp: 123073
Ion Ratio Lower Upper
43 100
58 49.5 29.7 89.1

Manual Integrations
APPROVED

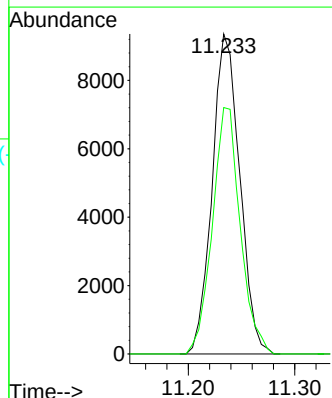
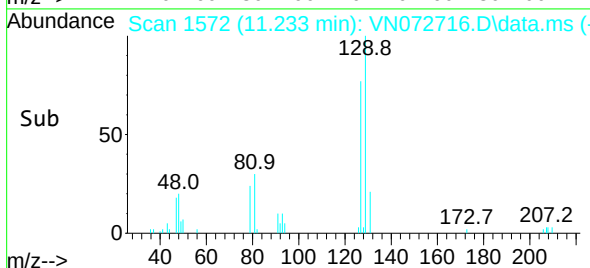
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

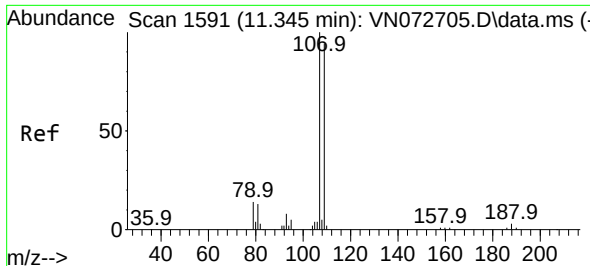


#60
Dibromochloromethane
Concen: 4.851 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33



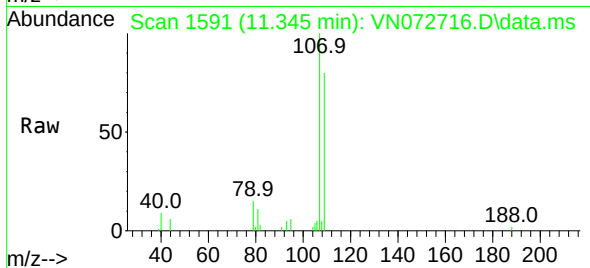
Tgt Ion:129 Resp: 16808
Ion Ratio Lower Upper
129 100
127 77.9 38.8 116.4





#61
1,2-Dibromoethane
Concen: 5.209 ug/l
RT: 11.345 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33

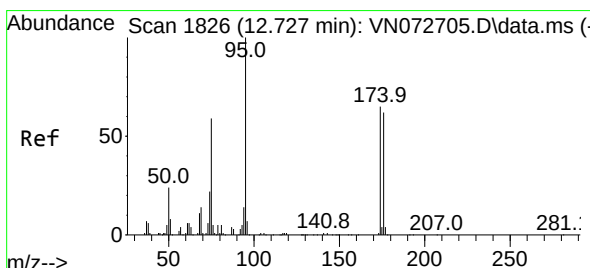
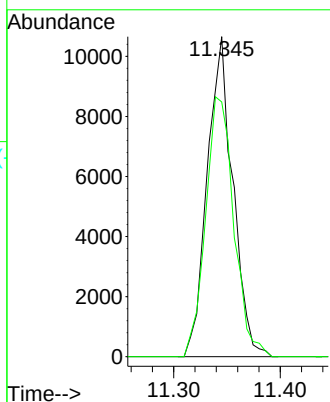
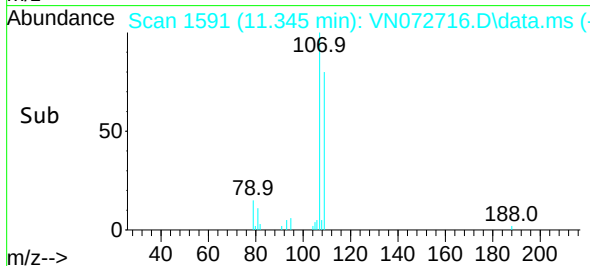
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



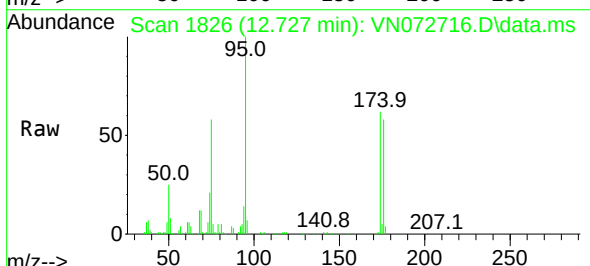
Tgt Ion:107 Resp: 17820
Ion Ratio Lower Upper
107 100
109 89.5 75.0 112.6

Manual Integrations
APPROVED

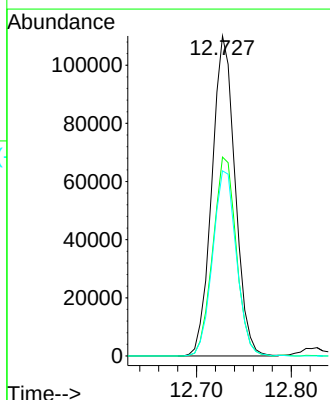
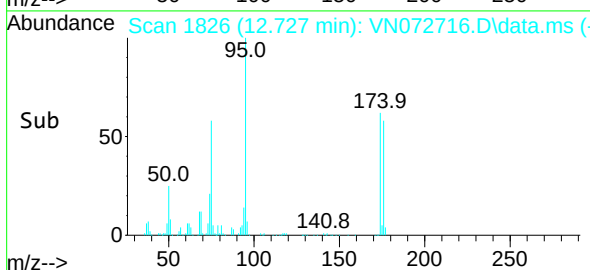
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

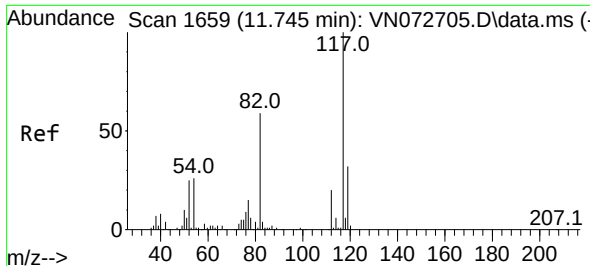


#62
4-Bromofluorobenzene
Concen: 46.488 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33



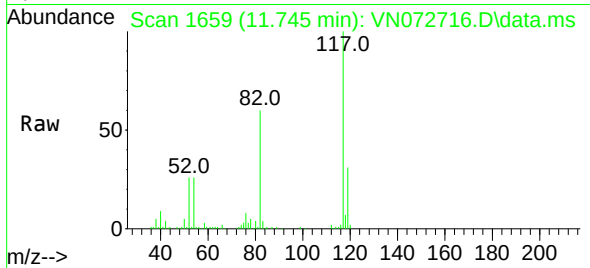
Tgt Ion: 95 Resp: 187200
Ion Ratio Lower Upper
95 100
174 62.6 0.0 167.6
176 59.2 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33

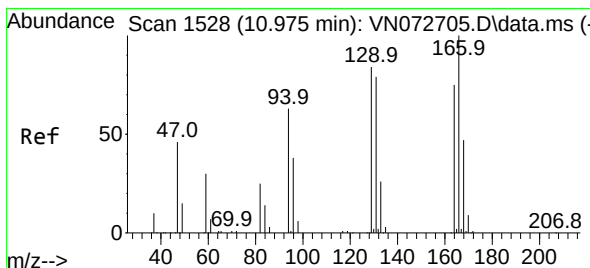
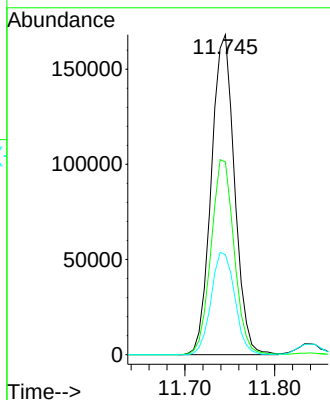
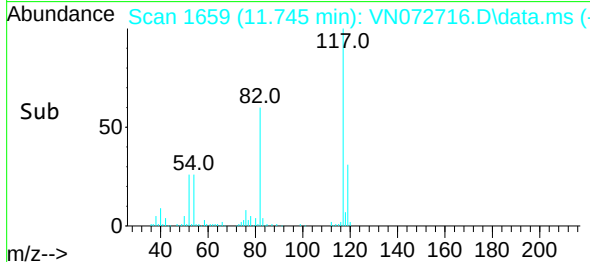
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:117 Resp: 302599
Ion Ratio Lower Upper
117 100
82 60.3 44.2 66.2
119 31.2 25.4 38.0

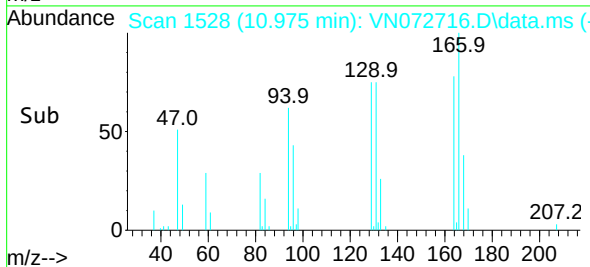
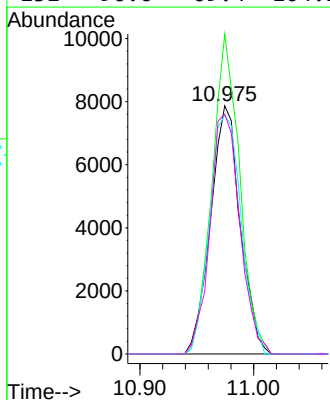
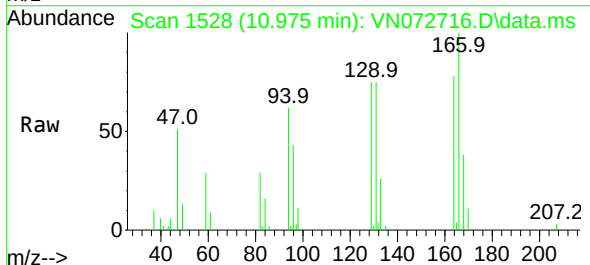
Manual Integrations
APPROVED

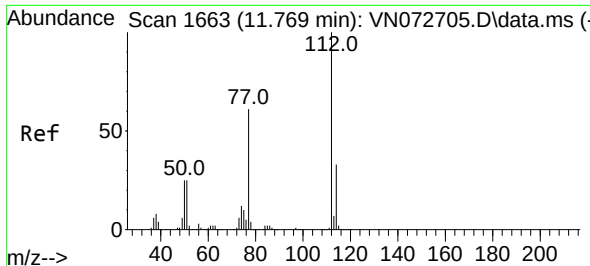
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#64
Tetrachloroethene
Concen: 5.598 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33

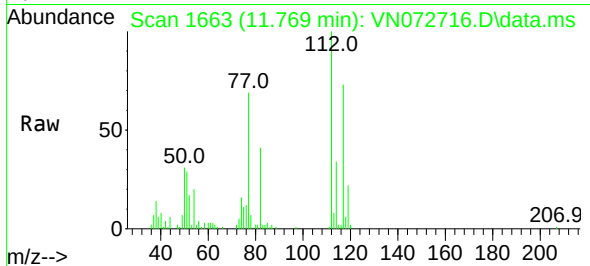
Tgt Ion:164 Resp: 14261
Ion Ratio Lower Upper
164 100
166 129.0 104.2 156.2
129 96.1 73.9 110.9
131 96.6 69.4 104.2





#65
Chlorobenzene
Concen: 5.140 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. -0.000 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33

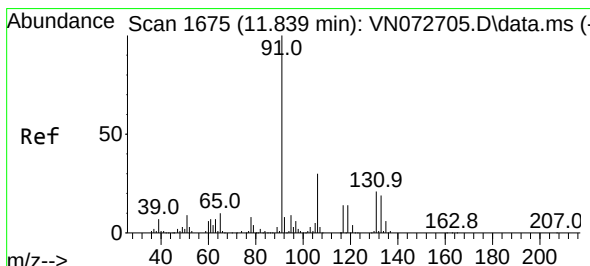
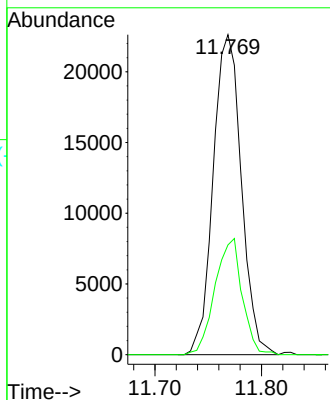
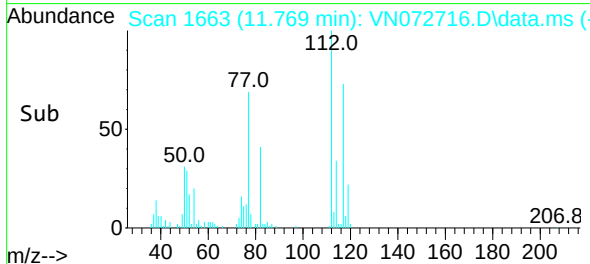
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



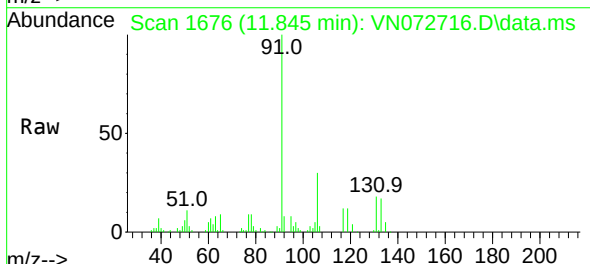
Tgt Ion:112 Resp: 41448
Ion Ratio Lower Upper
112 100
114 34.3 25.4 38.2

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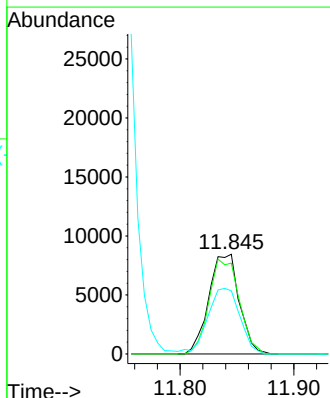
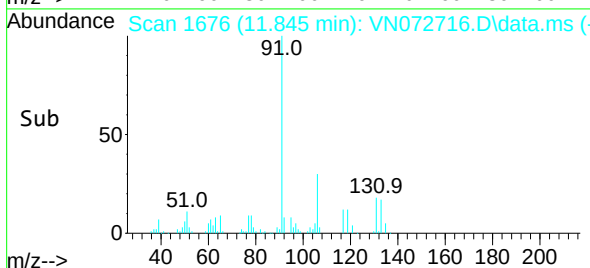
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

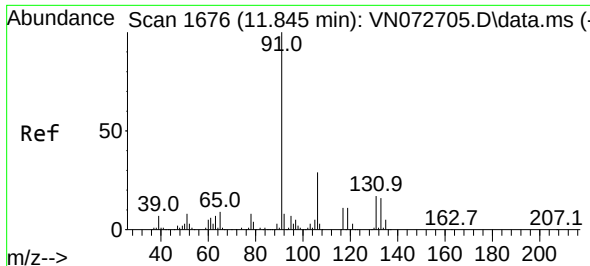


#66
1,1,1,2-Tetrachloroethane
Concen: 4.906 ug/l
RT: 11.845 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33



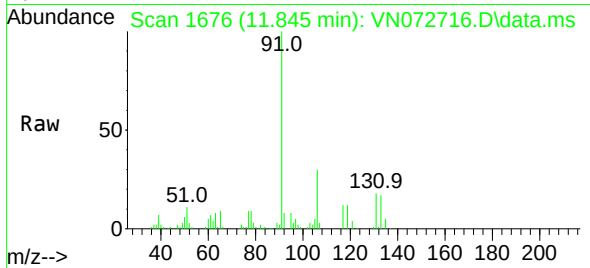
Tgt Ion:131 Resp: 15736
Ion Ratio Lower Upper
131 100
133 94.3 47.8 143.4
119 69.5 33.4 100.2





#67
Ethyl Benzene
Concen: 5.209 ug/l
RT: 11.845 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33

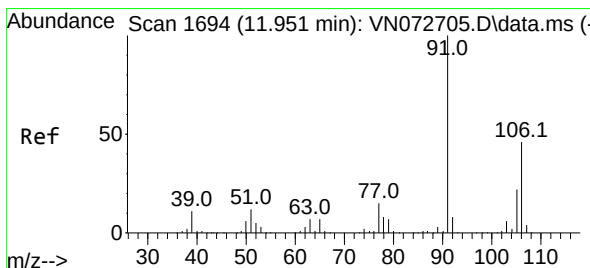
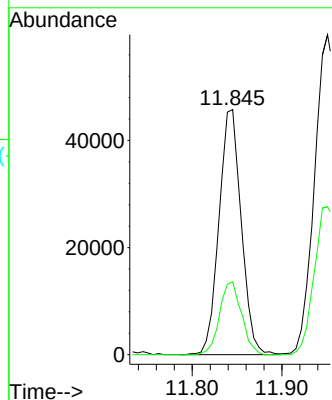
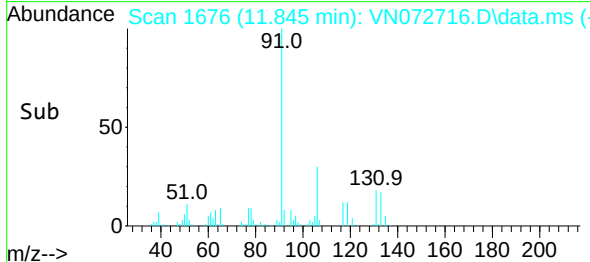
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



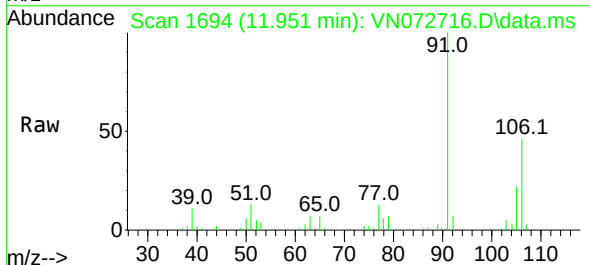
Tgt Ion: 91 Resp: 7898
Ion Ratio Lower Upper
91 100
106 29.8 24.9 37.3

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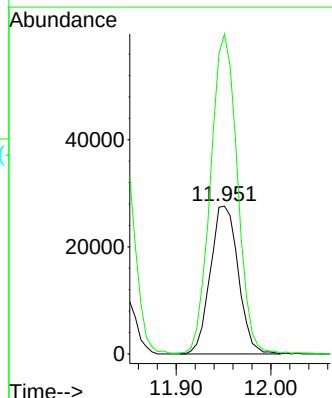
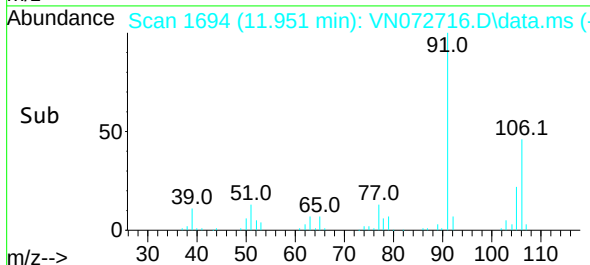
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

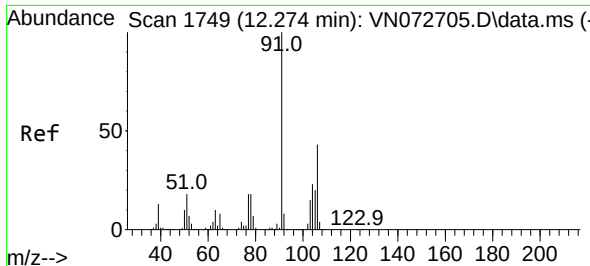


#68
m/p-Xylenes
Concen: 10.476 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33



Tgt Ion:106 Resp: 56447
Ion Ratio Lower Upper
106 100
91 209.3 158.9 238.3





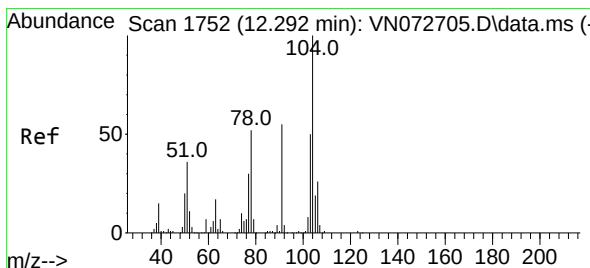
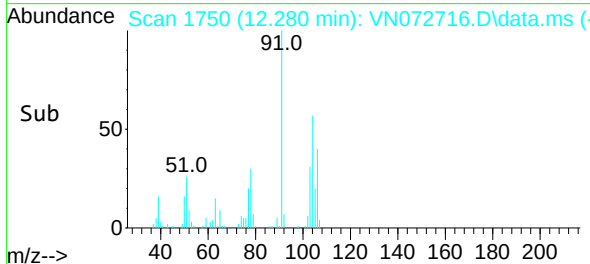
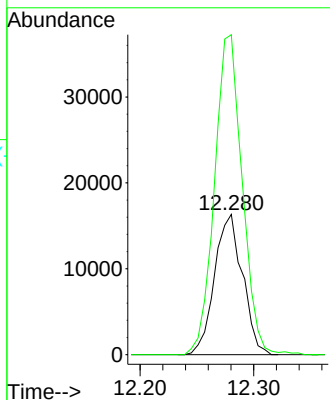
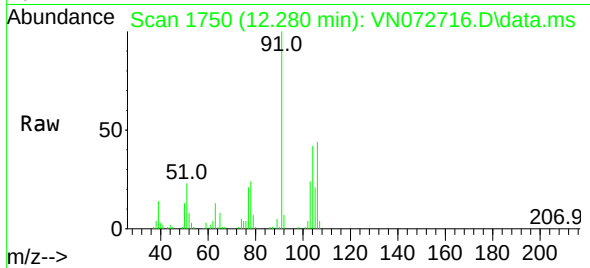
#69
o-Xylene
Concen: 5.159 ug/l
RT: 12.280 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022

Tgt Ion:106 Resp: 27944
Ion Ratio Lower Upper
106 100
91 226.2 106.0 318.0

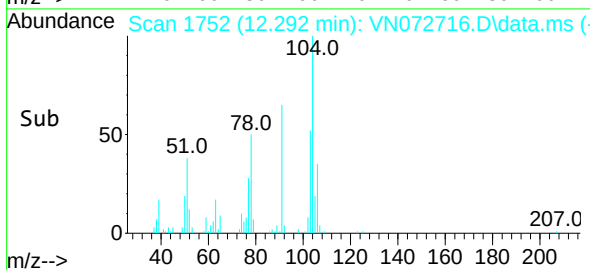
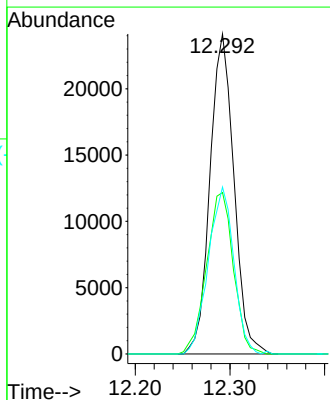
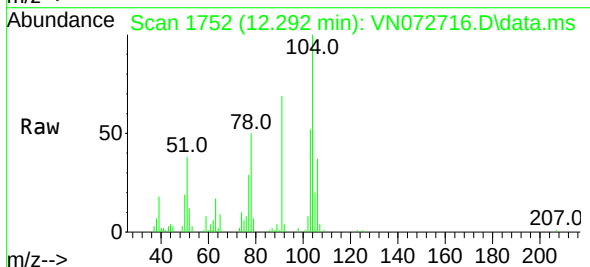
Manual Integrations
APPROVED

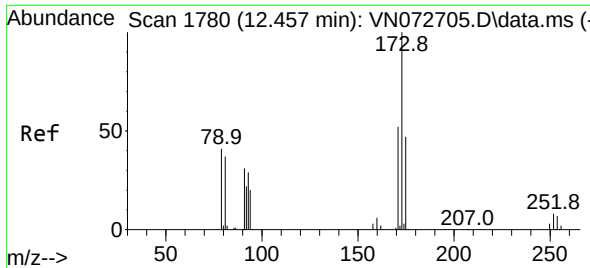
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#70
Styrene
Concen: 4.972 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33

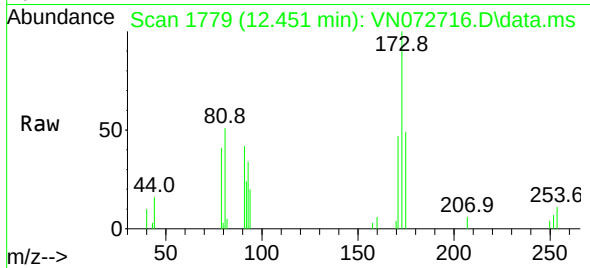
Tgt Ion:104 Resp: 42324
Ion Ratio Lower Upper
104 100
78 56.6 39.5 59.3
103 55.4 44.0 66.0





#71
Bromoform
Concen: 4.482 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33

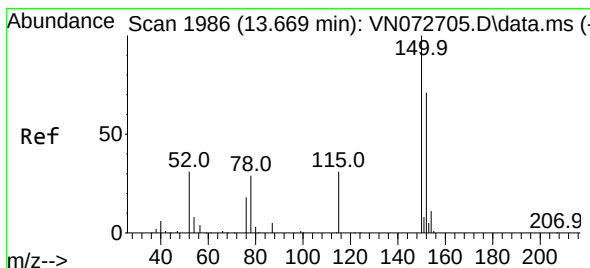
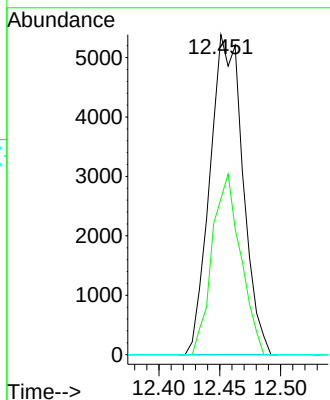
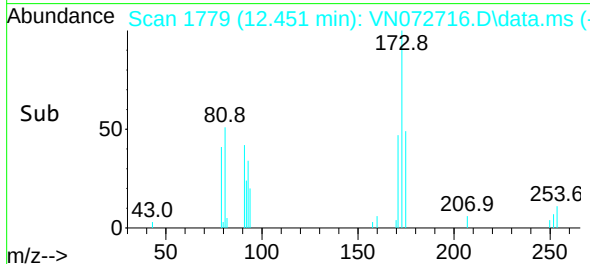
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



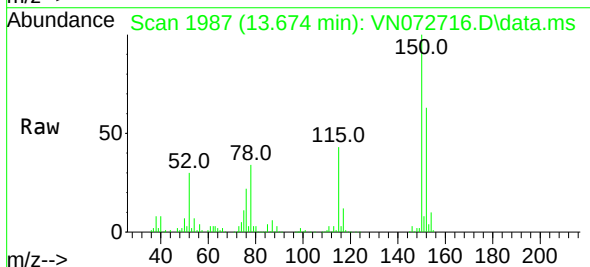
Tgt Ion:173 Resp: 1011
Ion Ratio Lower Upper
173 100
175 48.9 24.6 73.6
254 0.0 0.1 0.1

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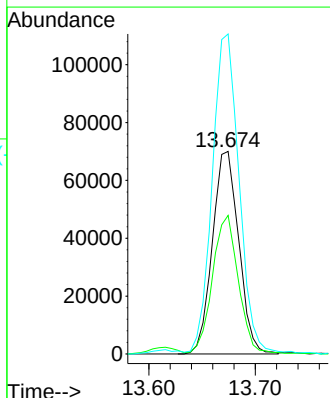
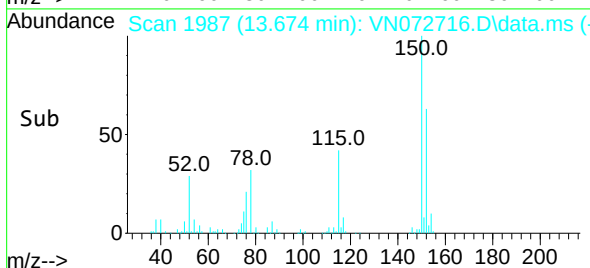
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

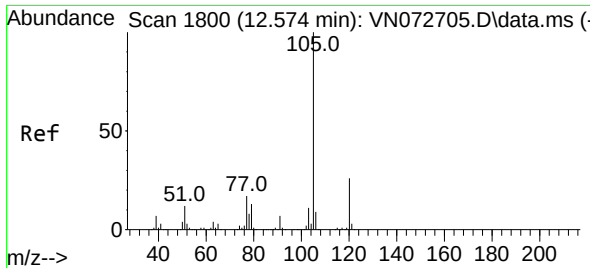


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.005 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33



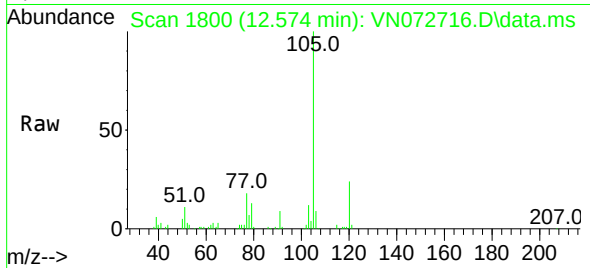
Tgt Ion:152 Resp: 120093
Ion Ratio Lower Upper
152 100
115 66.7 28.9 86.7
150 161.7 0.0 356.2





#73
Isopropylbenzene
Concen: 5.495 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33

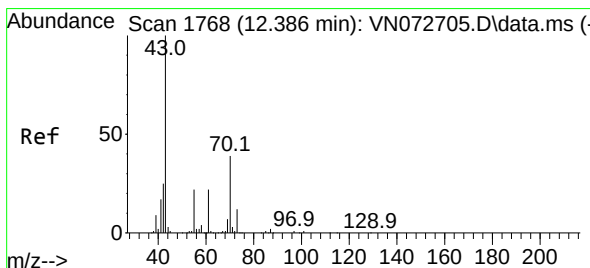
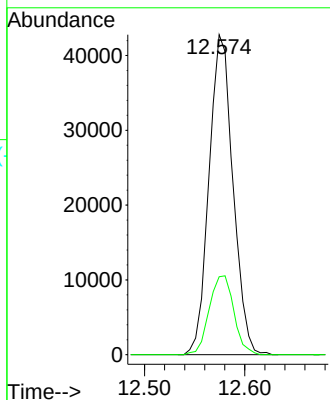
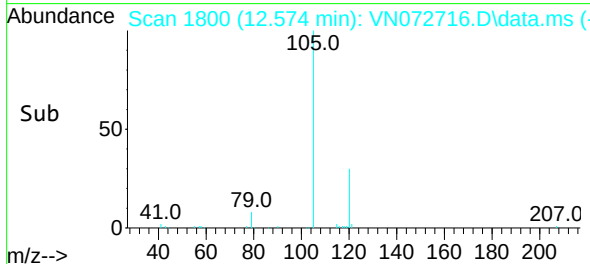
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:105 Resp: 70788
Ion Ratio Lower Upper
105 100
120 25.4 13.5 40.4

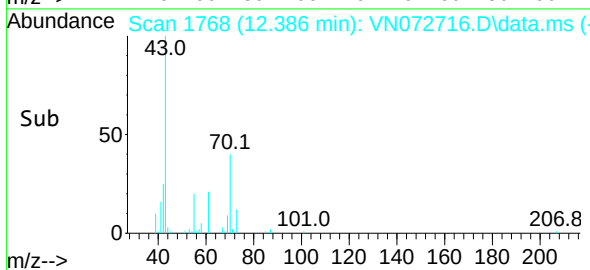
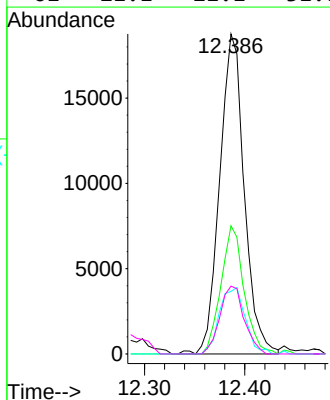
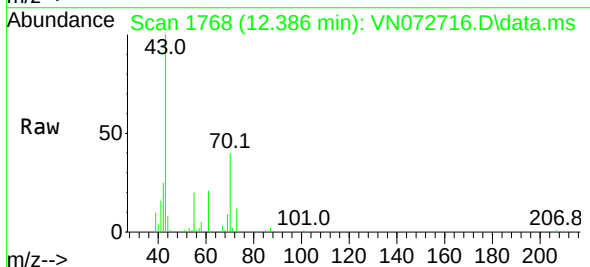
Manual Integrations
APPROVED

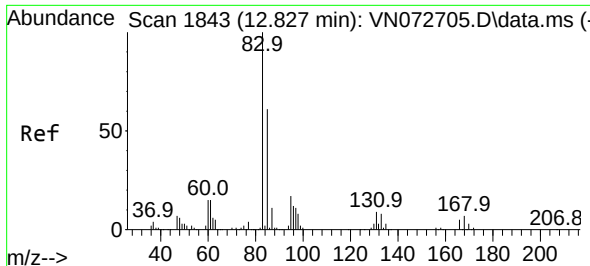
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#74
N-ethyl acetate
Concen: 5.309 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33

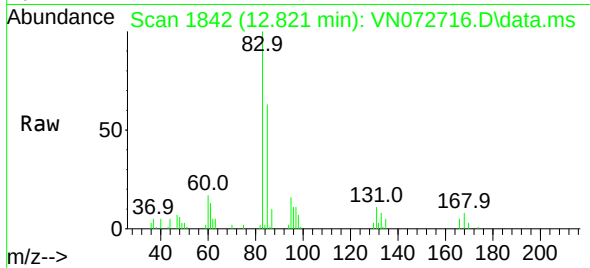
Tgt Ion: 43 Resp: 31784
Ion Ratio Lower Upper
43 100
70 37.7 39.0 58.4#
55 21.9 21.1 31.7
61 21.1 21.1 31.7#





#75
1,1,2,2-Tetrachloroethane
Concen: 5.931 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.006 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33

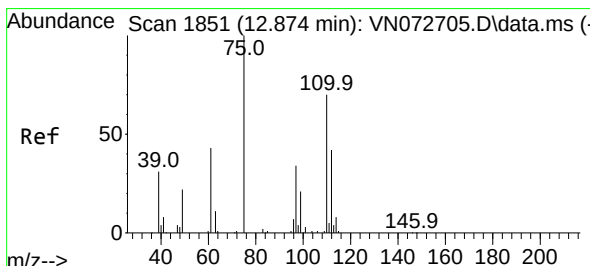
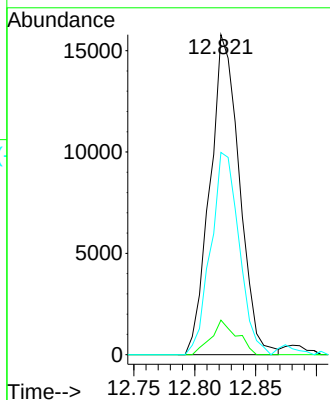
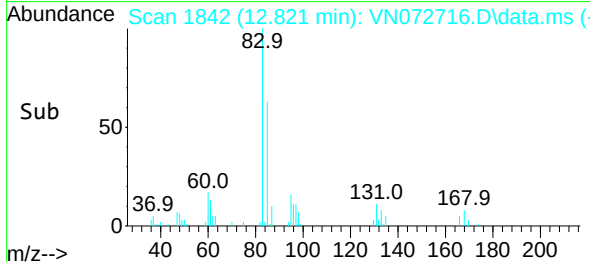
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2022



Tgt Ion: 83 Resp: 2652
Ion Ratio Lower Upper
83 100
131 9.4 5.3 15.9
85 61.0 32.3 96.9

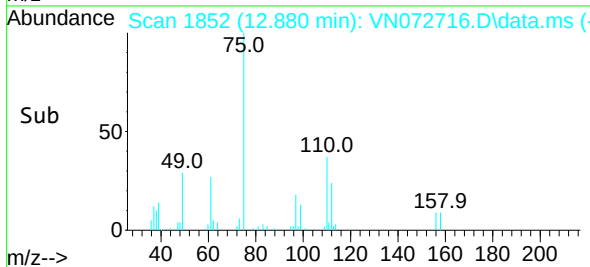
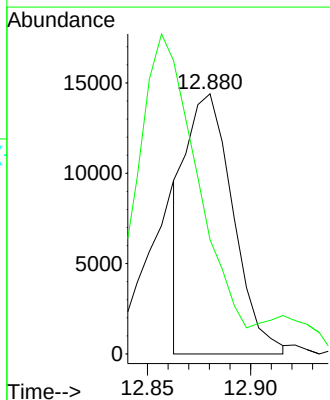
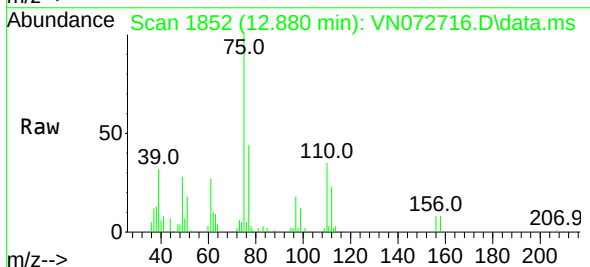
Manual Integrations
APPROVED

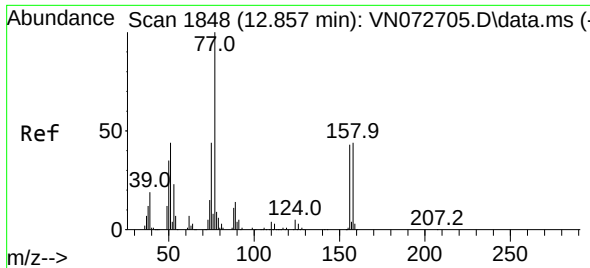
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#76
1,2,3-Trichloropropane
Concen: 5.912 ug/l m
RT: 12.880 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33

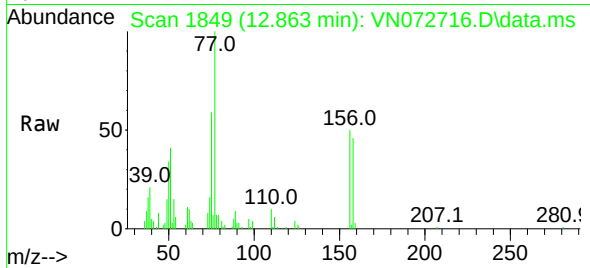
Tgt Ion: 75 Resp: 22910
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 5.554 ug/l
RT: 12.863 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33

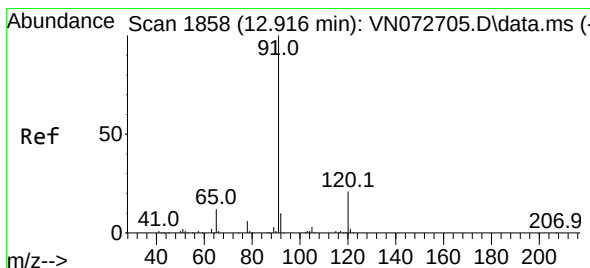
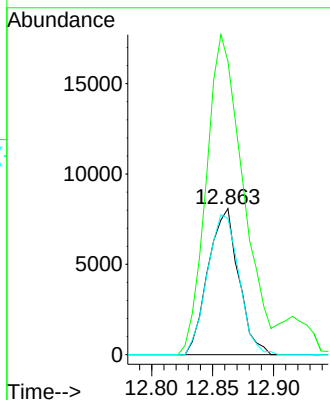
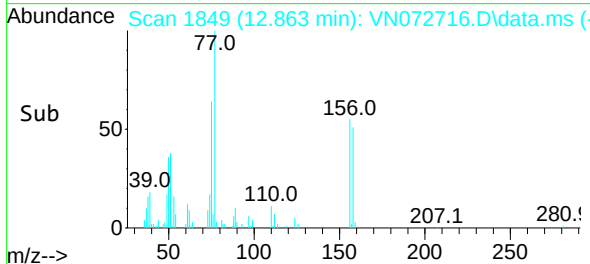
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:156 Resp: 1410
Ion Ratio Lower Upper
156 100
77 267.1 100.5 301.5
158 99.7 48.9 146.6

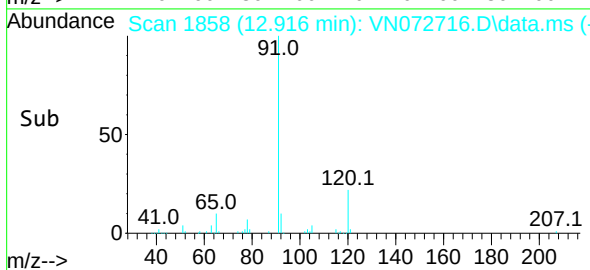
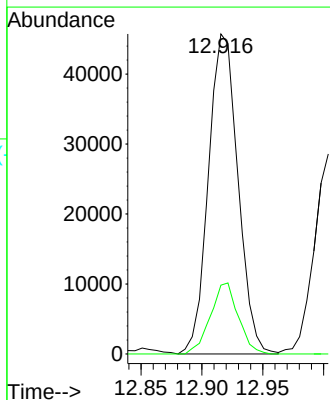
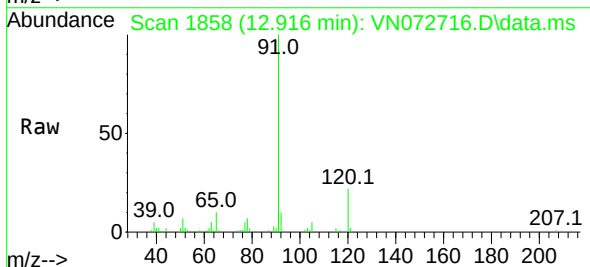
Manual Integrations
APPROVED

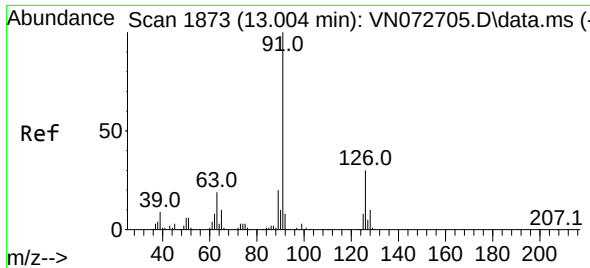
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#78
n-propylbenzene
Concen: 5.495 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33

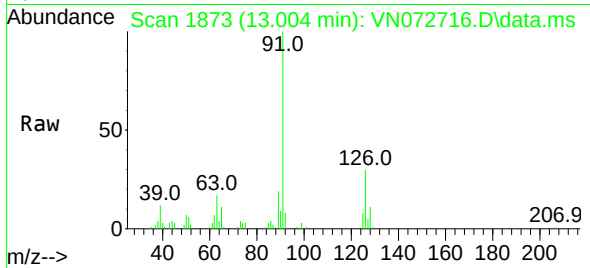
Tgt Ion: 91 Resp: 77292
Ion Ratio Lower Upper
91 100
120 20.9 11.9 35.5





#79
2-Chlorotoluene
Concen: 5.711 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33

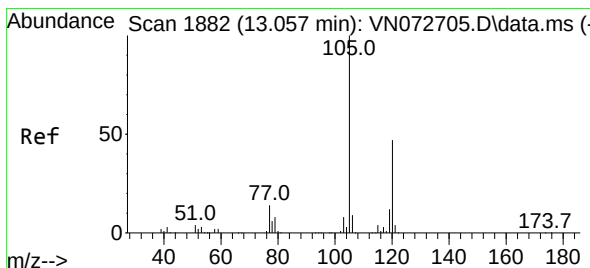
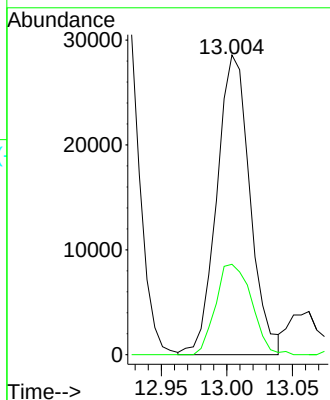
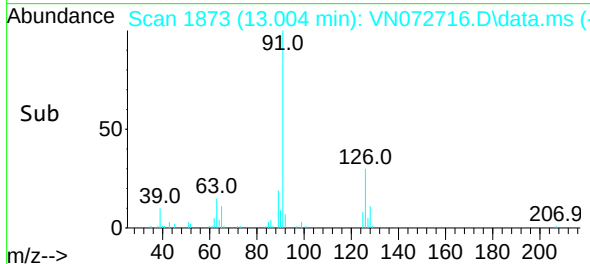
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2022



Tgt Ion: 91 Resp: 5039
Ion Ratio Lower Upper
91 100
126 32.6 17.3 51.9

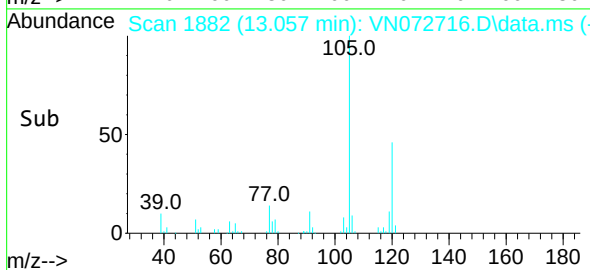
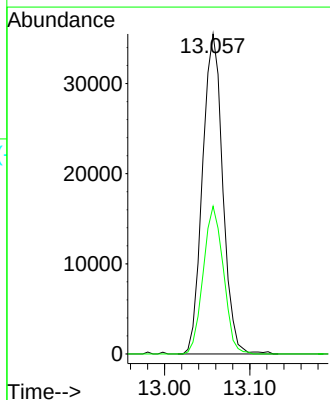
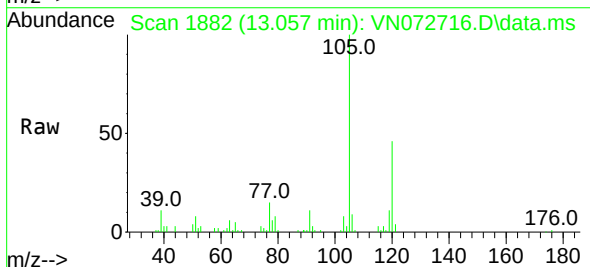
Manual Integrations
APPROVED

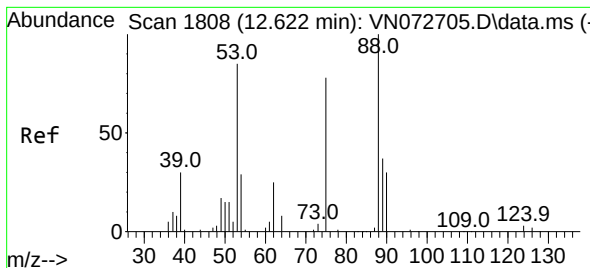
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#80
1,3,5-Trimethylbenzene
Concen: 5.730 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33

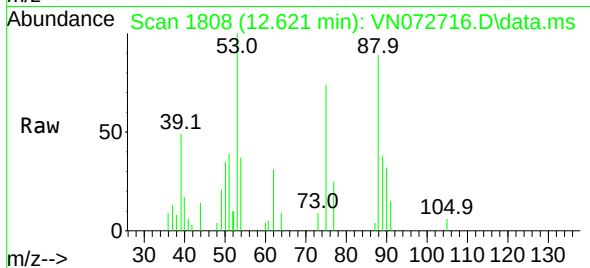
Tgt Ion:105 Resp: 58484
Ion Ratio Lower Upper
105 100
120 46.0 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 4.482 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.001 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33

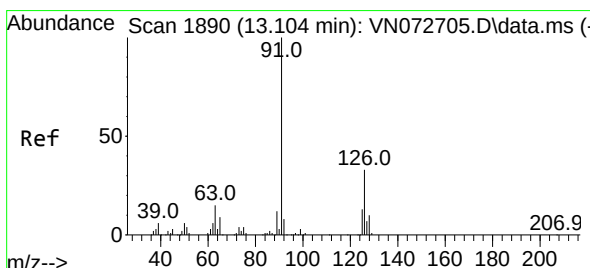
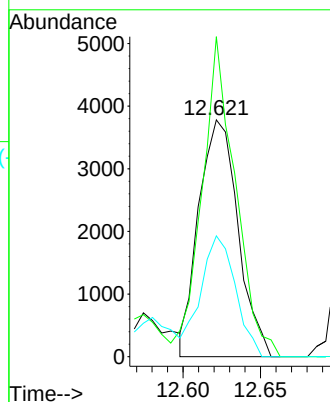
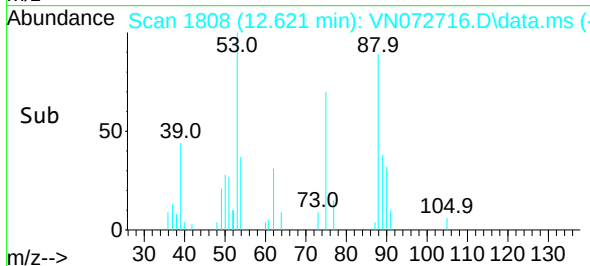
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2022



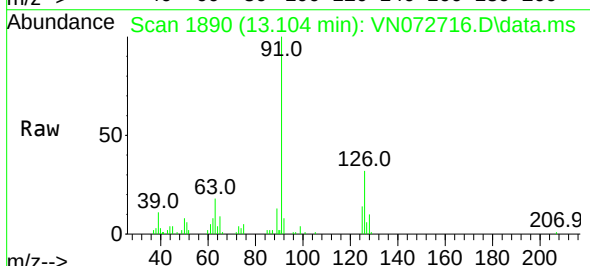
Tgt Ion: 75 Resp: 664
Ion Ratio Lower Upper
75 100
53 114.8 78.0 117.0
89 45.5 37.2 55.8

Manual Integrations
APPROVED

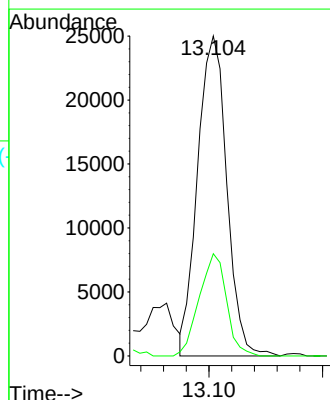
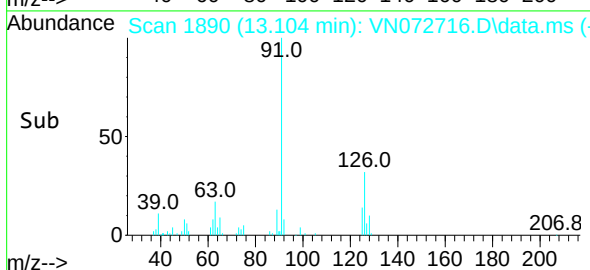
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

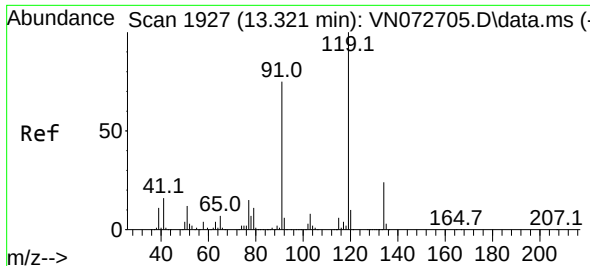


#82
4-Chlorotoluene
Concen: 5.474 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33



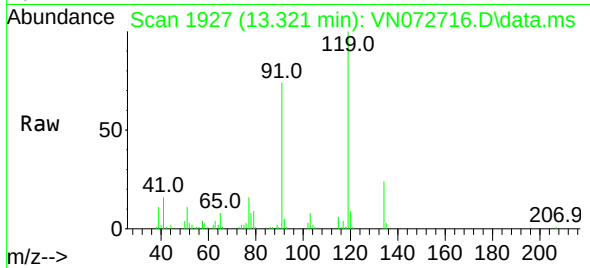
Tgt Ion: 91 Resp: 44609
Ion Ratio Lower Upper
91 100
126 29.9 17.2 51.6





#83
tert-Butylbenzene
Concen: 5.699 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33

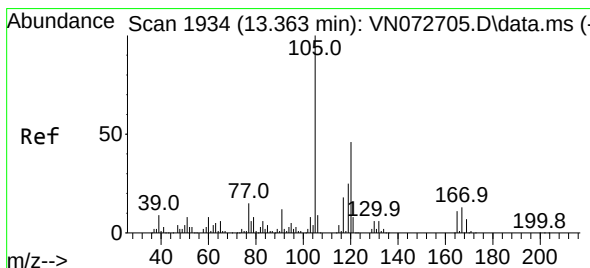
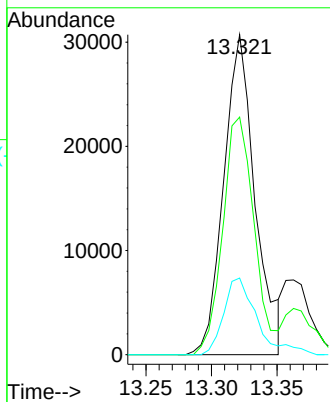
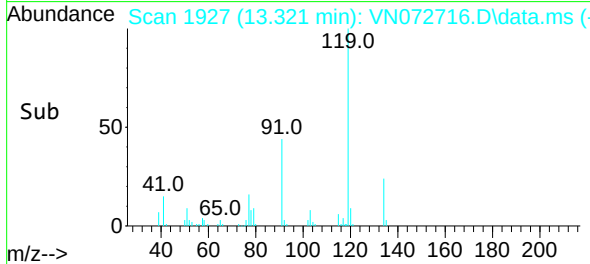
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:119 Resp: 5109
Ion Ratio Lower Upper
119 100
91 74.6 31.6 94.8
134 25.3 13.7 41.1

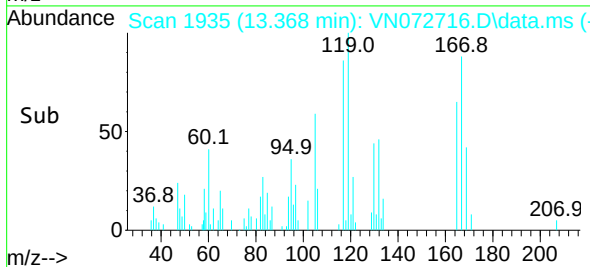
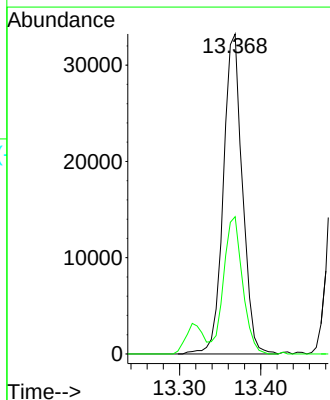
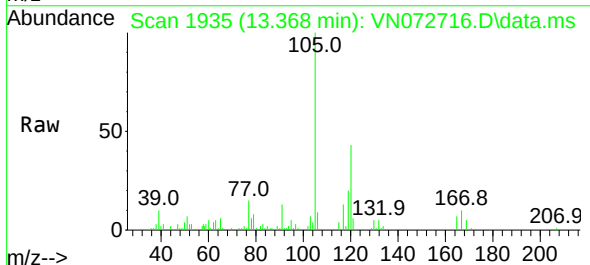
Manual Integrations
APPROVED

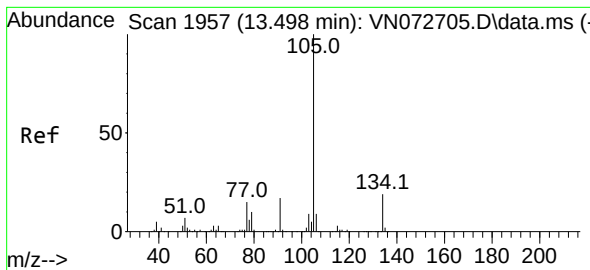
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#84
1,2,4-Trimethylbenzene
Concen: 5.543 ug/l
RT: 13.368 min Scan# 1935
Delta R.T. 0.005 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33

Tgt Ion:105 Resp: 54129
Ion Ratio Lower Upper
105 100
120 43.3 23.3 69.8





#85

sec-Butylbenzene

Concen: 5.382 ug/l

RT: 13.498 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VN072716.D

Acq: 08 Jun 2022 23:33

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2022

Tgt Ion:105 Resp: 65098

Ion Ratio Lower Upper

105 100

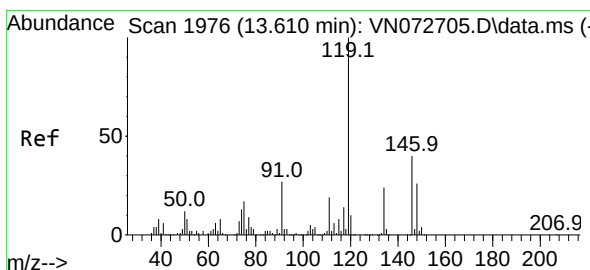
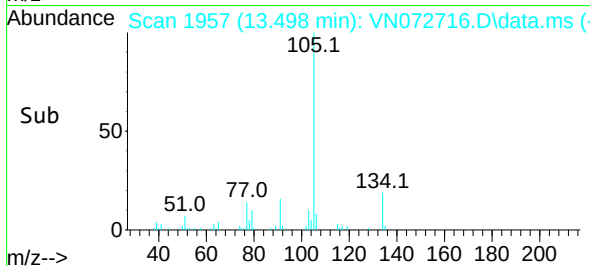
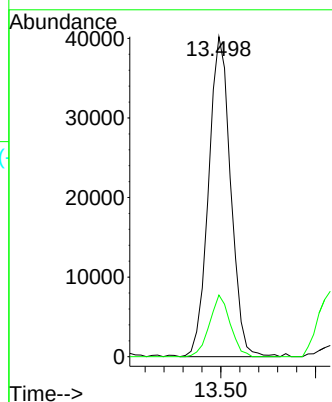
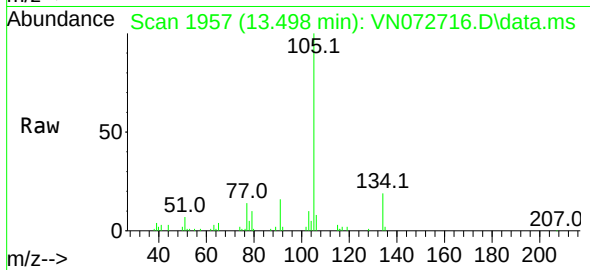
134 18.1 10.4 31.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#86

p-Isopropyltoluene

Concen: 5.140 ug/l

RT: 13.616 min Scan# 1977

Delta R.T. 0.006 min

Lab File: VN072716.D

Acq: 08 Jun 2022 23:33

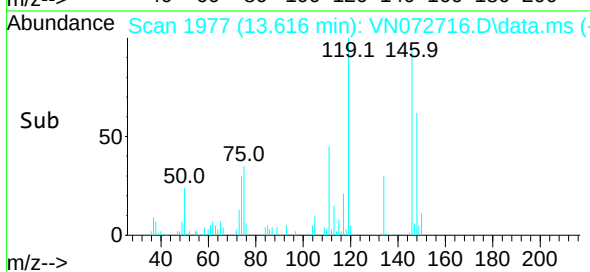
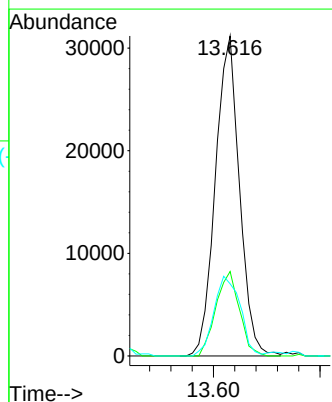
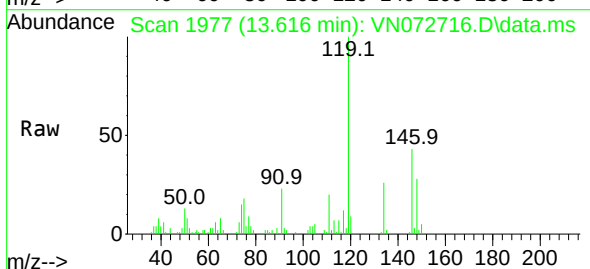
Tgt Ion:119 Resp: 48911

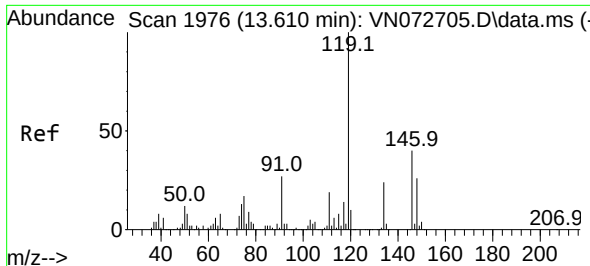
Ion Ratio Lower Upper

119 100

134 25.8 13.3 39.8

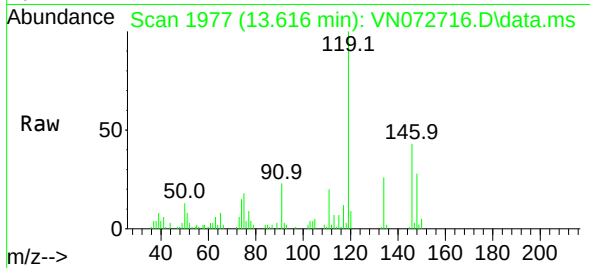
91 27.1 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 5.443 ug/l
RT: 13.616 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33

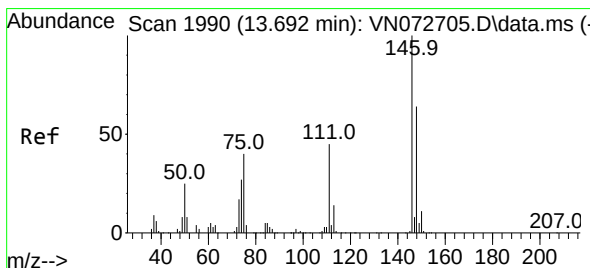
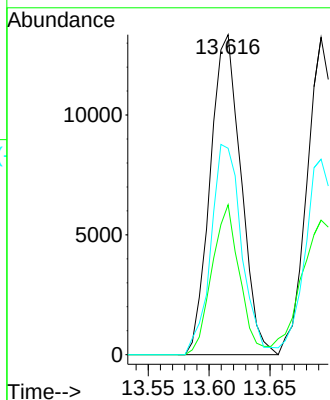
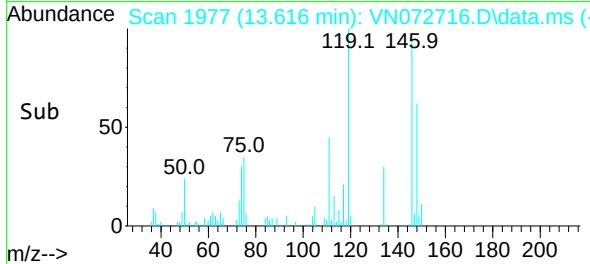
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



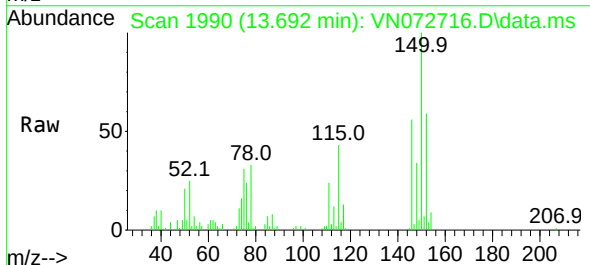
Tgt Ion:146 Resp: 23478
Ion Ratio Lower Upper
146 100
111 42.0 20.0 60.0
148 66.0 32.0 96.0

Manual Integrations
APPROVED

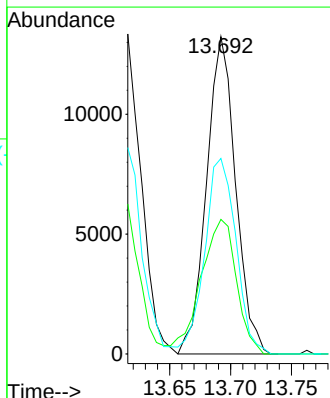
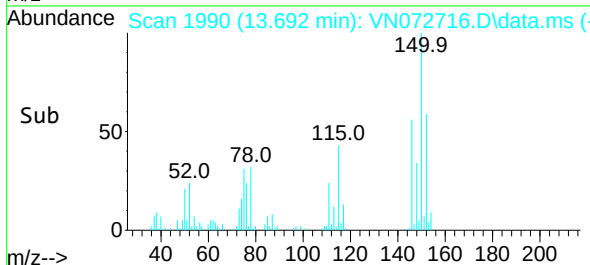
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

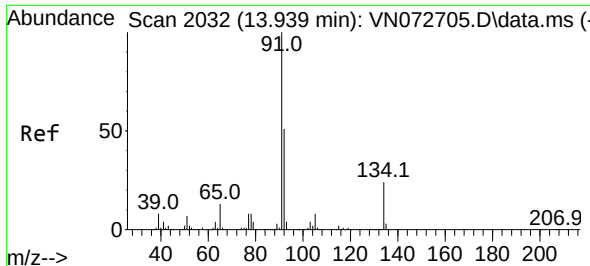


#88
1,4-Dichlorobenzene
Concen: 5.213 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33



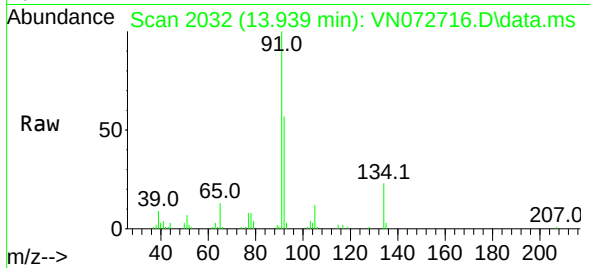
Tgt Ion:146 Resp: 22027
Ion Ratio Lower Upper
146 100
111 52.2 19.1 57.1
148 66.1 31.4 94.3





#89
n-Butylbenzene
Concen: 4.689 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33

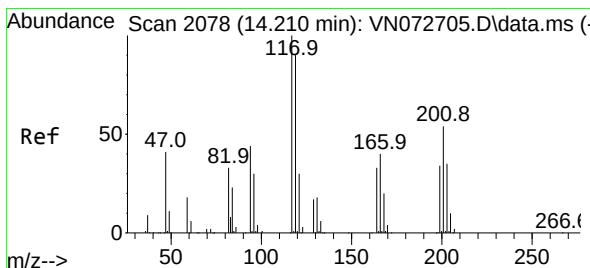
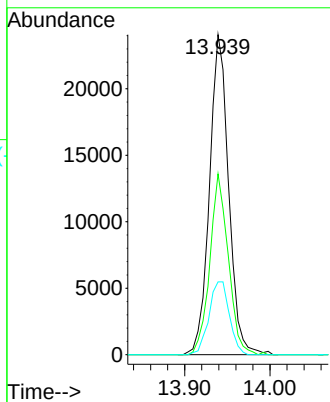
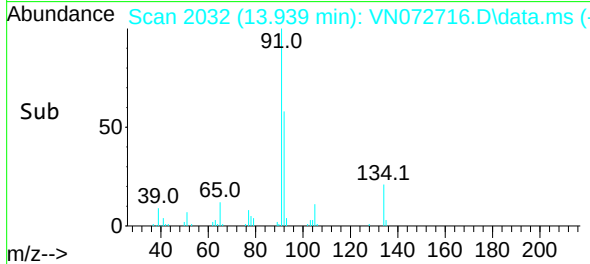
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 91 Resp: 3759
Ion Ratio Lower Upper
91 100
92 54.5 26.9 80.7
134 24.3 13.6 40.8

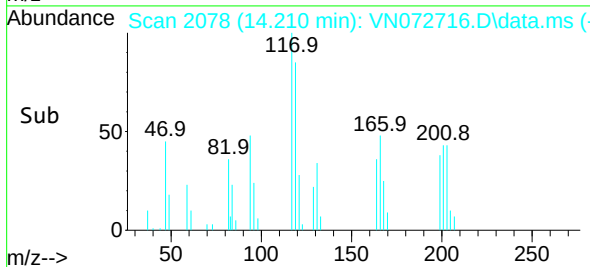
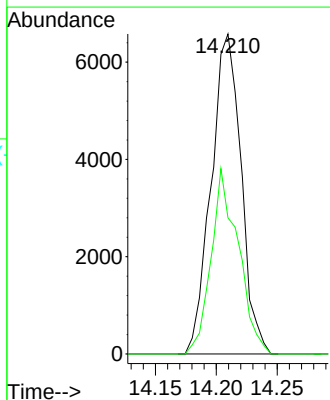
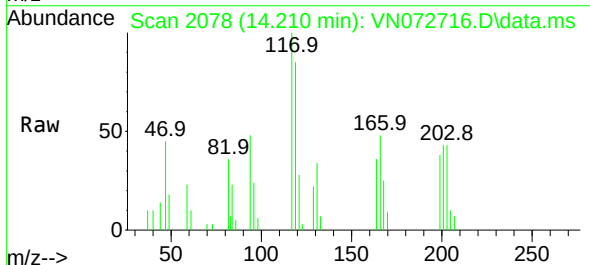
Manual Integrations
APPROVED

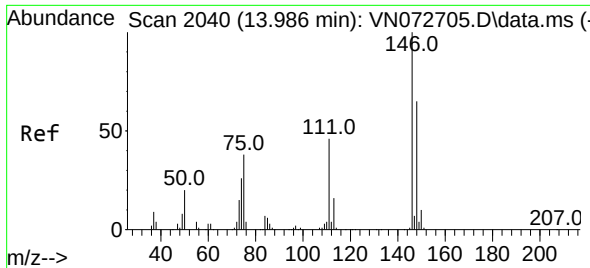
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#90
Hexachloroethane
Concen: 5.463 ug/l
RT: 14.210 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33

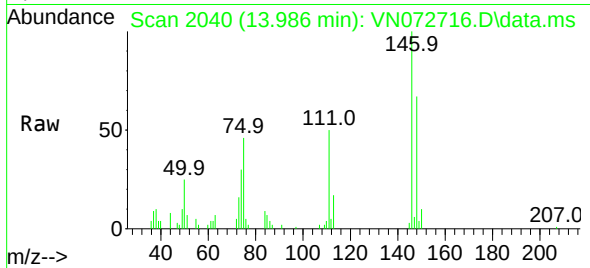
Tgt Ion:117 Resp: 11252
Ion Ratio Lower Upper
117 100
201 52.6 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 5.502 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33

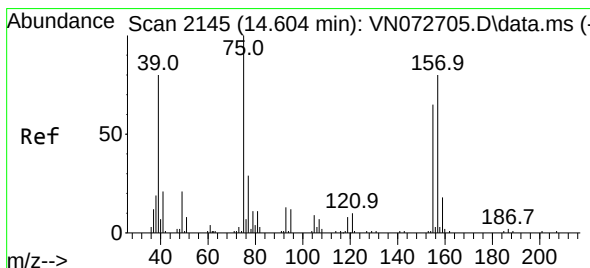
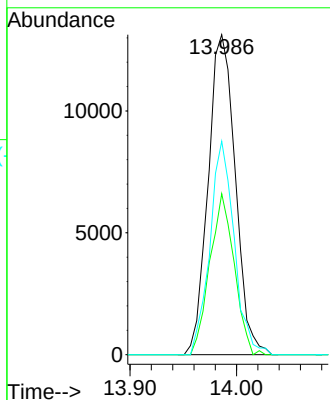
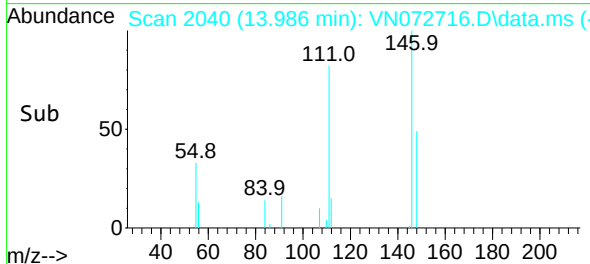
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:146 Resp: 23259
Ion Ratio Lower Upper
146 100
111 45.1 20.9 62.8
148 59.8 32.1 96.3

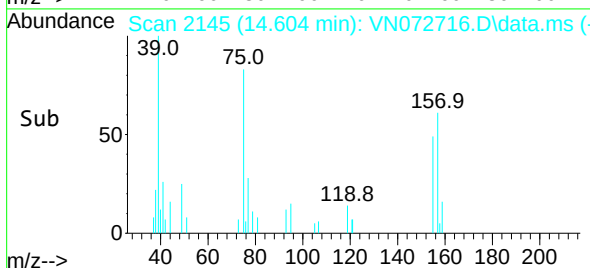
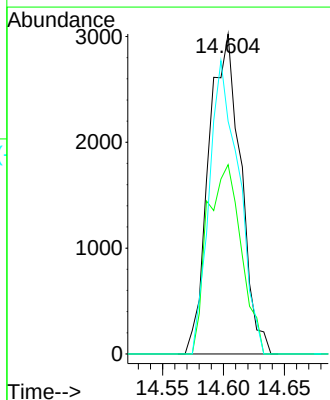
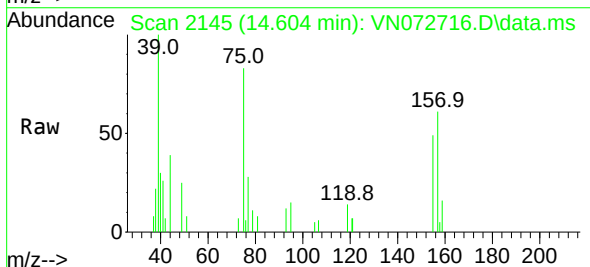
Manual Integrations
APPROVED

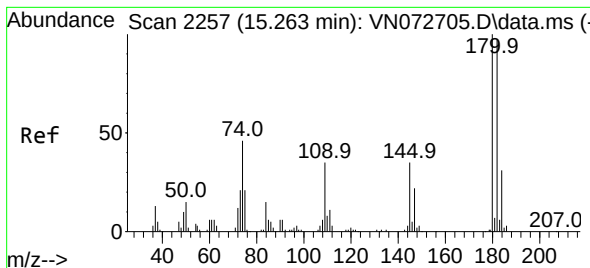
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.104 ug/l
RT: 14.604 min Scan# 2145
Delta R.T. -0.000 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33

Tgt Ion: 75 Resp: 5513
Ion Ratio Lower Upper
75 100
155 62.6 44.9 134.5
157 84.6 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 4.757 ug/l

RT: 15.262 min Scan# 21

Delta R.T. -0.001 min

Lab File: VN072716.D

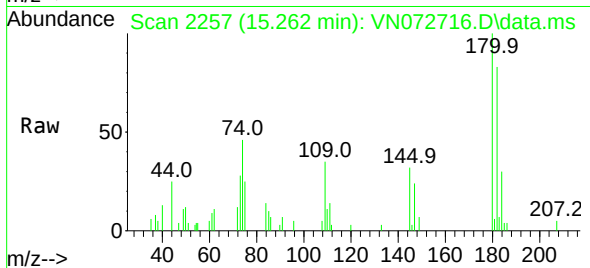
Acq: 08 Jun 2022 23:33

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2022



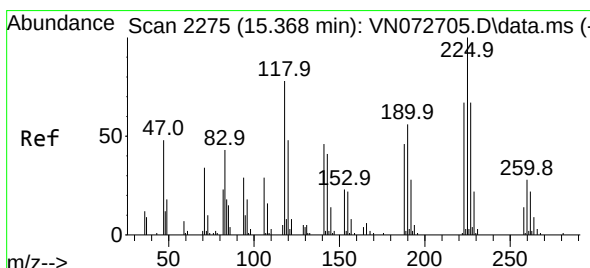
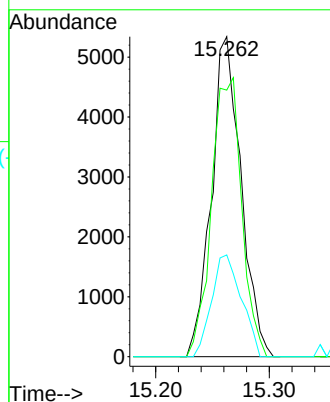
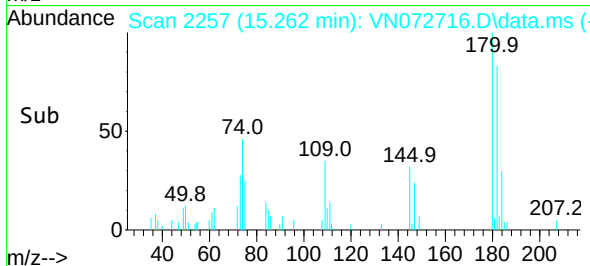
Tgt Ion:	180	Resp:	9674
Ion Ratio	Lower	Upper	
180	100		
182	88.8	47.5	142.5
145	31.9	14.5	43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#94

Hexachlorobutadiene

Concen: 5.504 ug/l

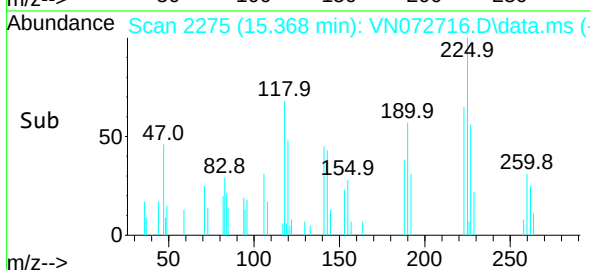
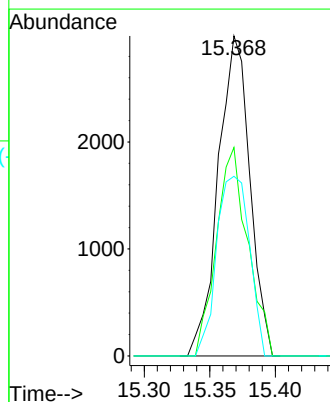
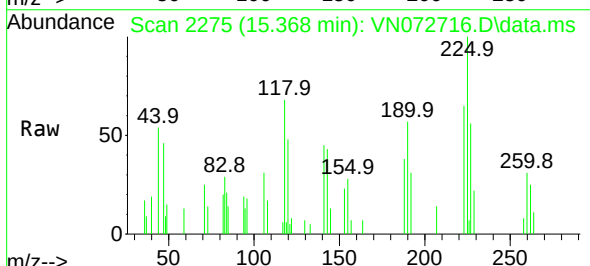
RT: 15.368 min Scan# 2275

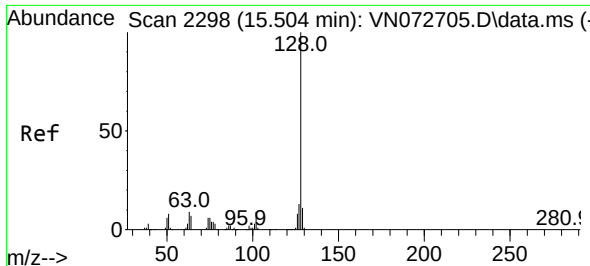
Delta R.T. 0.000 min

Lab File: VN072716.D

Acq: 08 Jun 2022 23:33

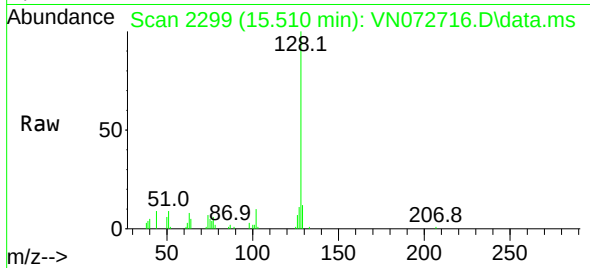
Tgt Ion:	225	Resp:	5014
Ion Ratio	Lower	Upper	
225	100		
223	64.6	32.4	97.2
227	58.4	31.8	95.4





#95
Naphthalene
Concen: 4.465 ug/l
RT: 15.510 min Scan# 2299
Delta R.T. 0.006 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33

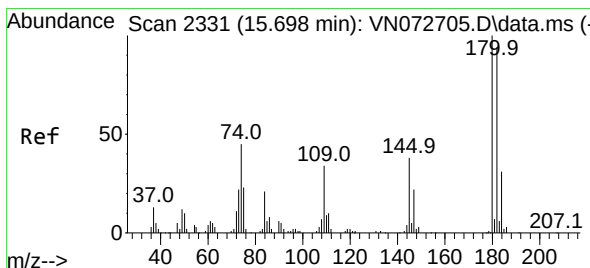
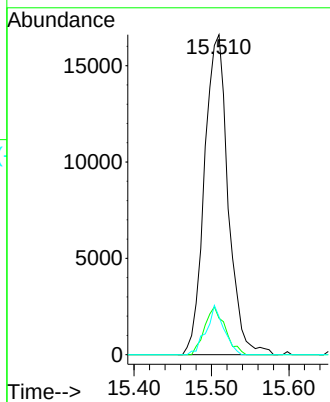
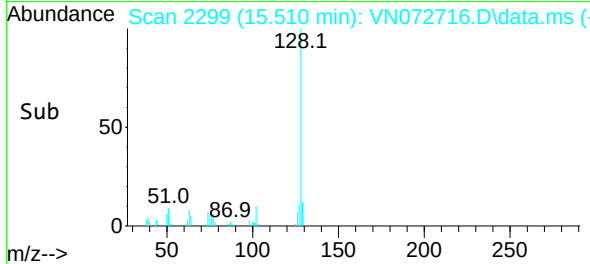
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:128 Resp: 3523
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.5 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 4.793 ug/l
RT: 15.704 min Scan# 2332
Delta R.T. 0.006 min
Lab File: VN072716.D
Acq: 08 Jun 2022 23:33

Tgt Ion:180 Resp: 9707
Ion Ratio Lower Upper
180 100
182 92.6 47.8 143.3
145 35.2 15.5 46.5

