

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060722\
 Data File : VN072692.D
 Acq On : 07 Jun 2022 16:55
 Operator : JC\MD
 Sample : N3214-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Jun 08 09:53:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N060622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 06 14:10:15 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/08/2022
 Supervised By : Mahesh Dadoda 06/08/2022

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

Internal Standards						
1) Bromochloromethane	7.651	128	38235	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	231462	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.739	117	205598	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	135473	31.067	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 103.567%			
60) 4-Bromofluorobenzene	12.727	95	110580	26.150	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 87.167%			
63) Toluene-d8	10.439	98	352301	30.933	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 103.100%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	15792	5.513	ug/l	90
3) Chloromethane	2.293	50	18807	6.038	ug/l	99
4) Vinyl Chloride	2.434	62	16746	5.963	ug/l	94
5) Bromomethane	2.834	94	8814	6.069	ug/l	90
6) Chloroethane	3.004	64	10409	5.559	ug/l	94
7) Trichlorofluoromethane	3.357	101	25702	5.062	ug/l	94
8) Diethyl Ether	3.822	74	10835	5.504	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.210	101	12956m	4.844	ug/l	
10) 1,1-Dichloroethene	4.169	96	13597	5.382	ug/l	# 89
11) Methyl Iodide	4.416	142	11310m	4.472	ug/l	
12) Methyl Acetate	4.857	43	35500	6.811	ug/l	100
13) Acrolein	4.040	56	9600	21.042	ug/l	# 56
14) Acrylonitrile	5.551	53	59124	27.829	ug/l	97
15) Acetone	4.287	58	17422	30.287	ug/l	92
16) Carbon Disulfide	4.522	76	34919	5.483	ug/l	100
17) Allyl chloride	4.828	41	27949m	5.121	ug/l	
18) Methylene Chloride	5.098	84	18303m	5.770	ug/l	
19) trans-1,2-Dichloroethene	5.592	96	14759	5.399	ug/l	82
20) Diisopropyl ether	6.492	45	58712	5.432	ug/l	96
21) 1,1-Dichloroethane	6.381	63	31423	5.233	ug/l	99
22) cis-1,2-Dichloroethene	7.322	96	18133	5.295	ug/l	92
23) tert-Butyl Alcohol	5.369	59	31943	32.309	ug/l	# 100
24) Methyl tert-Butyl Ether	5.610	73	58794	5.233	ug/l	95
25) Chloroform	7.816	83	32331	5.242	ug/l	96
26) Cyclohexane	8.098	56	28196	5.632	ug/l	# 91
29) 1,1-Dichloropropene	8.216	75	23143	5.245	ug/l	93
30) 2-Butanone	7.333	43	89996	28.184	ug/l	# 90
31) 2,2-Dichloropropane	7.316	77	15138	2.535	ug/l	# 83
32) 1,1,1-Trichloroethane	8.016	97	29112	5.043	ug/l	95
33) Carbon Tetrachloride	8.204	117	23620	4.744	ug/l	89
34) Benzene	8.457	78	69418	5.318	ug/l	# 81
35) Methacrylonitrile	7.633	41	14751	4.711	ug/l	92
36) 1,2-Dichloroethane	8.528	62	27978	5.073	ug/l	98
37) Trichloroethene	9.216	130	15941	5.066	ug/l	97
38) Methylcyclohexane	9.457	83	26002	4.937	ug/l	91
39) 1,2-Dichloropropane	9.486	63	19020	5.304	ug/l	94
40) Dibromomethane	9.575	93	12826	5.210	ug/l	93
41) Bromodichloromethane	9.757	83	25185	4.783	ug/l	# 93
42) Vinyl Acetate	6.434	43	256136	24.639	ug/l	# 89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.410	43	37276m	6.093	ug/l	
44) Isopropyl Acetate	8.563	43	52813	5.204	ug/l	97
45) 1,4-Dioxane	9.569	88	9662	115.858	ug/l #	88
46) Methyl methacrylate	9.557	41	23899	5.267	ug/l	84
47) n-amyl Acetate	12.386	43	33416	4.301	ug/l	96
48) t-1,3-Dichloropropene	10.716	75	24509	4.078	ug/l	96
49) cis-1,3-Dichloropropene	10.186	75	25283	4.142	ug/l	93
50) 1,1,2-Trichloroethane	10.898	97	18137	5.211	ug/l	96
51) Ethyl methacrylate	10.757	69	30505	4.839	ug/l	92
52) 1,3-Dichloropropane	11.045	76	33012	5.330	ug/l	97
53) Dibromochloromethane	11.233	129	18291	4.763	ug/l	98
54) 1,2-Dibromoethane	11.345	107	18641	5.094	ug/l	95
55) 2-Chloroethyl vinyl ether	10.039	63	56214	22.767	ug/l	97
56) Bromoform	12.457	173	11747	4.390	ug/l #	100
58) 4-Methyl-2-Pentanone	10.327	43	171493	27.810	ug/l	98
59) 2-Hexanone	11.086	43	127951	27.368	ug/l	99
61) Tetrachloroethene	10.974	164	14219	5.588	ug/l	93
62) Toluene	10.504	91	74317	5.331	ug/l	98
64) Chlorobenzene	11.768	112	42816	5.045	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.839	131	17127	5.118	ug/l	97
66) Ethyl Benzene	11.845	91	80560	5.033	ug/l	97
67) m/p-Xylenes	11.951	106	57775	9.897	ug/l	96
68) o-Xylene	12.280	106	29626	4.975	ug/l	95
69) Styrene	12.292	104	42588	4.505	ug/l	95
70) Isopropylbenzene	12.574	105	75532	4.854	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.827	83	28087	5.332	ug/l	97
72) 1,2,3-Trichloropropane	12.880	75	26393m	5.741	ug/l	
73) Bromobenzene	12.857	156	14268	4.510	ug/l	68
74) n-propylbenzene	12.915	91	77683	4.362	ug/l	97
75) 2-Chlorotoluene	13.004	91	52325	4.740	ug/l	91
76) 1,3,5-Trimethylbenzene	13.057	105	59504	4.659	ug/l	98
77) t-1,4-Dichloro-2-butene	12.621	75	6241	3.221	ug/l	78
78) 4-Chlorotoluene	13.104	91	43406	4.163	ug/l	92
79) tert-butylbenzene	13.321	119	52613	4.614	ug/l	96
80) 1,2,4-Trimethylbenzene	13.498	105	67527	4.385	ug/l #	100
81) sec-Butylbenzene	13.498	105	67527	4.385	ug/l	98
82) p-Isopropyltoluene	13.615	119	49550	4.030	ug/l	96
83) 1,3-Dichlorobenzene	13.615	146	23116	4.174	ug/l	96
84) 1,4-Dichlorobenzene	13.692	146	22466	4.178	ug/l	97
85) n-Butylbenzene	13.939	91	39021	3.743	ug/l	98
86) Hexachloroethane	14.210	117	11631	4.275	ug/l	87
87) 1,2-Dichlorobenzene	13.986	146	24162	4.408	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.598	75	5990	4.535	ug/l	85
89) 1,2,4-Trichlorobenzene	15.256	180	9665	3.499	ug/l	97
90) Hexachlorobutadiene	15.362	225	5011	4.044	ug/l	99
91) Naphthalene	15.504	128	38208	3.467	ug/l	97
92) 1,2,3-Trichlorobenzene	15.698	180	11245	4.002	ug/l	91

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



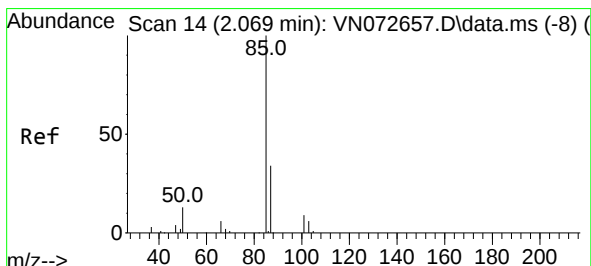
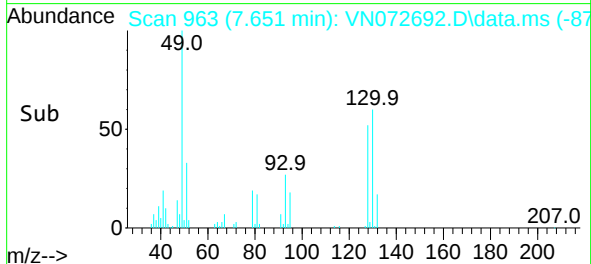
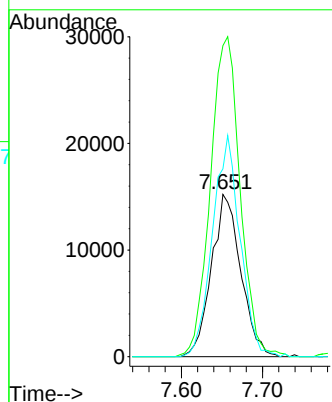
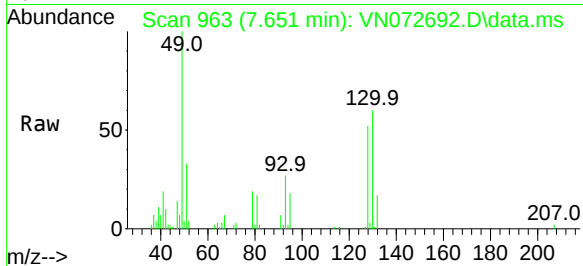
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.651 min Scan# 963
Delta R.T. 0.000 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55

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

Tgt Ion:128 Resp: 38235
Ion Ratio Lower Upper
128 100
49 198.8 0.0 392.3
130 128.3 0.0 320.2

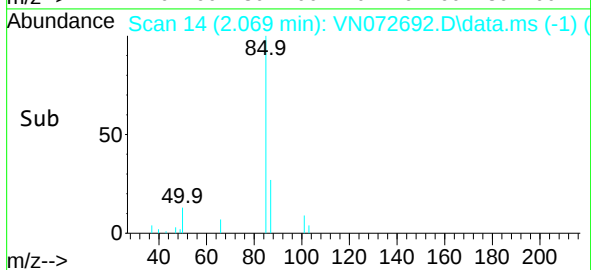
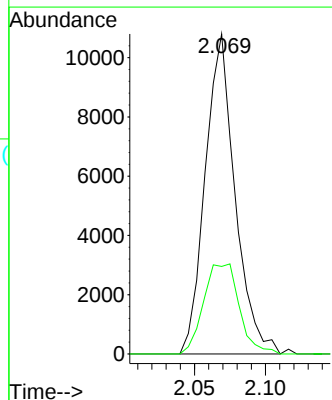
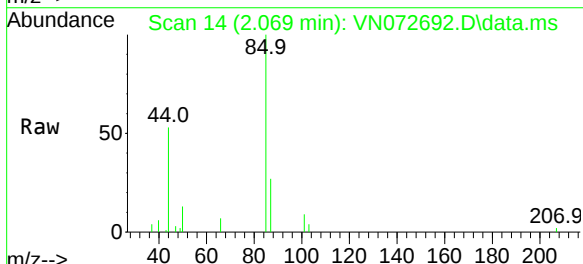
Manual Integrations
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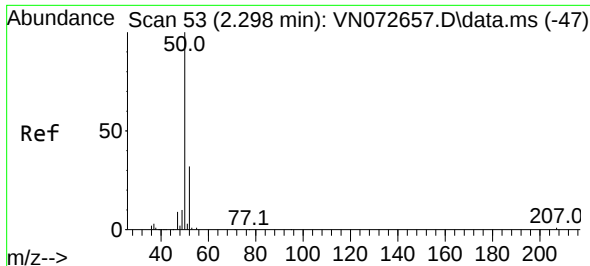
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#2
Dichlorodifluoromethane
Concen: 5.513 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55

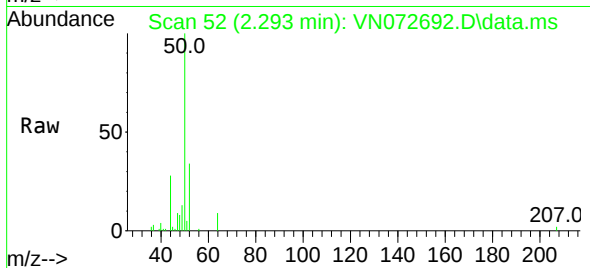
Tgt Ion: 85 Resp: 15792
Ion Ratio Lower Upper
85 100
87 27.3 16.6 49.7





#3
Chloromethane
Concen: 6.038 ug/l
RT: 2.293 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55

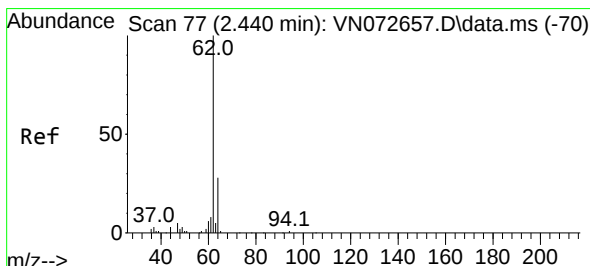
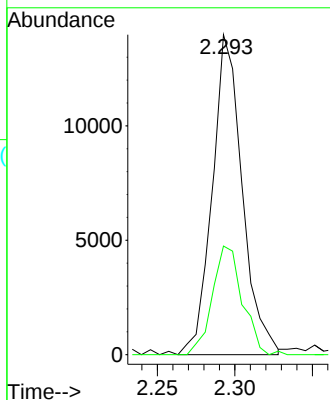
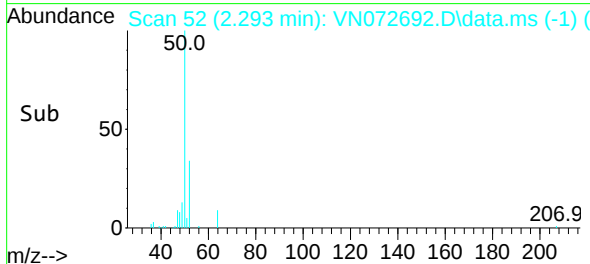
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 50 Resp: 1880
Ion Ratio Lower Upper
50 100
52 33.9 27.8 41.6

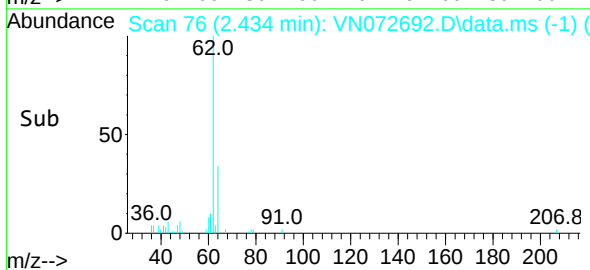
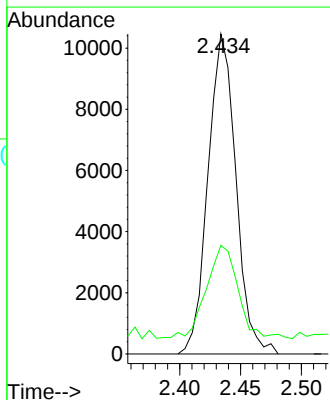
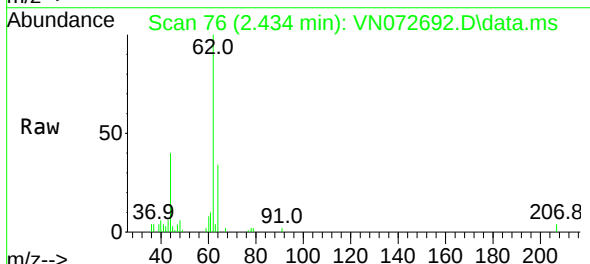
Manual Integrations
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Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#4
Vinyl Chloride
Concen: 5.963 ug/l
RT: 2.434 min Scan# 76
Delta R.T. -0.006 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55

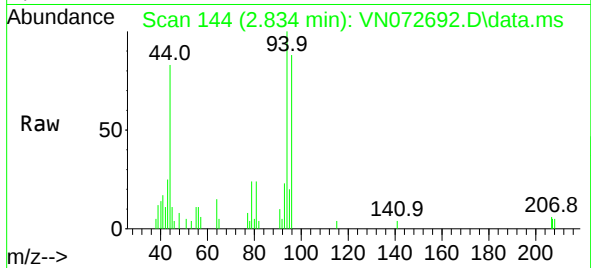
Tgt Ion: 62 Resp: 16746
Ion Ratio Lower Upper
62 100
64 27.8 25.1 37.7





#5
Bromomethane
Concen: 6.069 ug/l
RT: 2.834 min Scan# 147
Delta R.T. -0.018 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55

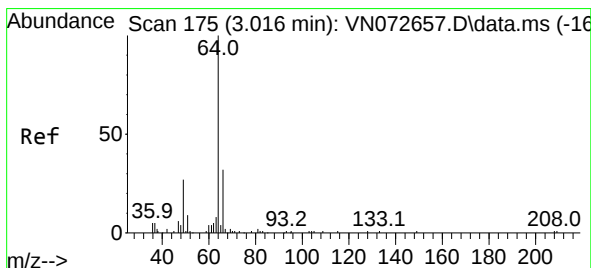
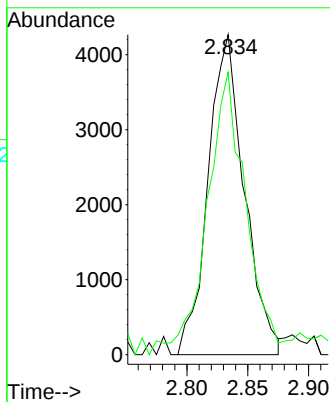
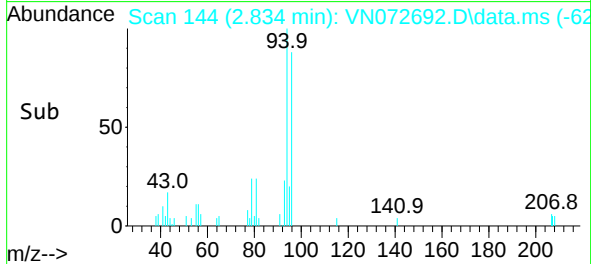
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 94 Resp: 8814
Ion Ratio Lower Upper
94 100
96 84.6 75.2 112.8

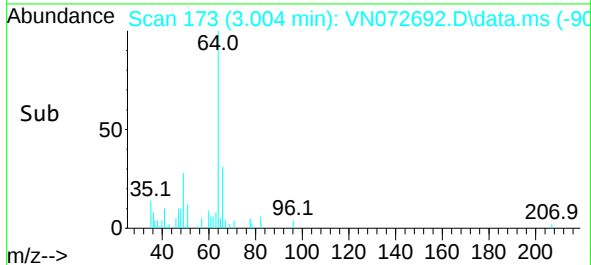
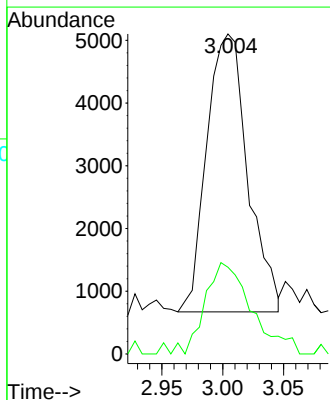
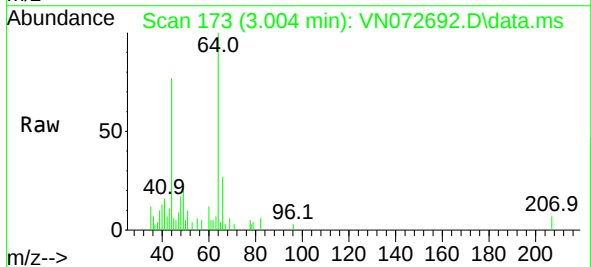
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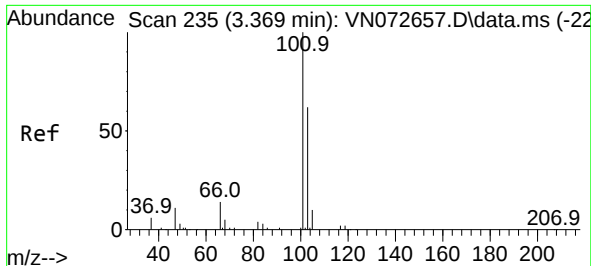
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#6
Chloroethane
Concen: 5.559 ug/l
RT: 3.004 min Scan# 173
Delta R.T. -0.012 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55

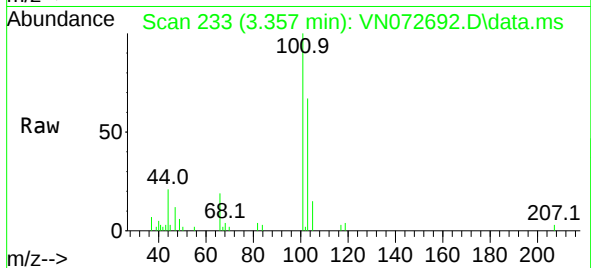
Tgt Ion: 64 Resp: 10409
Ion Ratio Lower Upper
64 100
66 27.2 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 5.062 ug/l
 RT: 3.357 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VN072692.D
 Acq: 07 Jun 2022 16:55

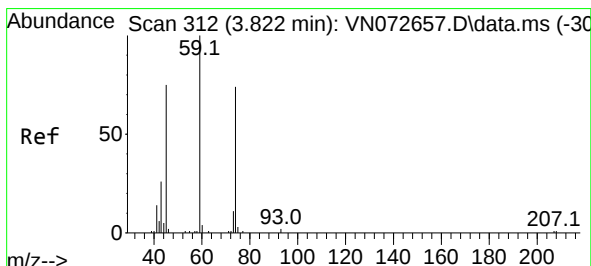
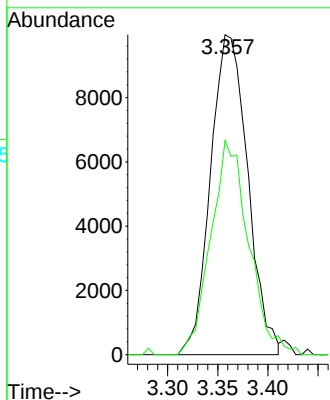
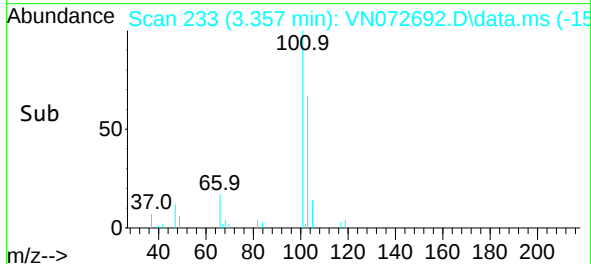
Instrument : MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2022



Tgt Ion:101 Resp: 2570
 Ion Ratio Lower Upper
 101 100
 103 66.9 50.1 75.1

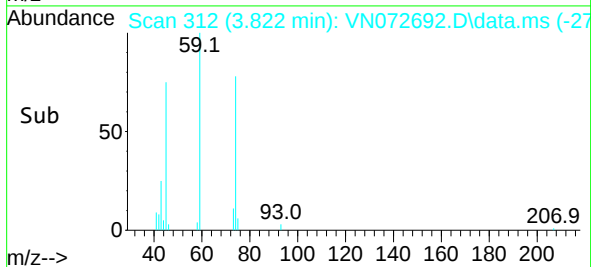
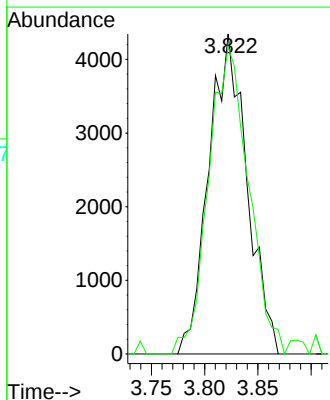
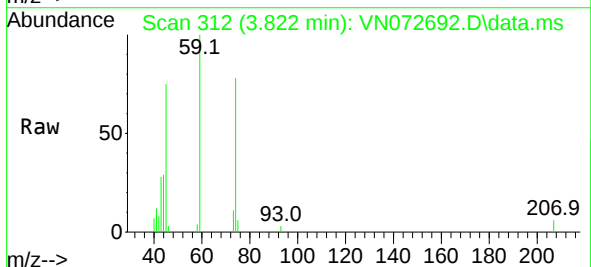
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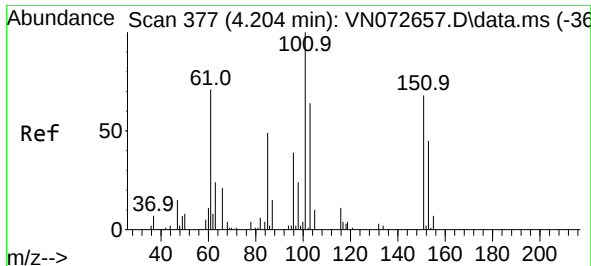
Reviewed By :John Carlone 06/08/2022
 Supervised By :Mahesh Dadoda 06/08/2022



#8
 Diethyl Ether
 Concen: 5.504 ug/l
 RT: 3.822 min Scan# 312
 Delta R.T. 0.000 min
 Lab File: VN072692.D
 Acq: 07 Jun 2022 16:55

Tgt Ion: 74 Resp: 10835
 Ion Ratio Lower Upper
 74 100
 45 100.8 17.6 158.8





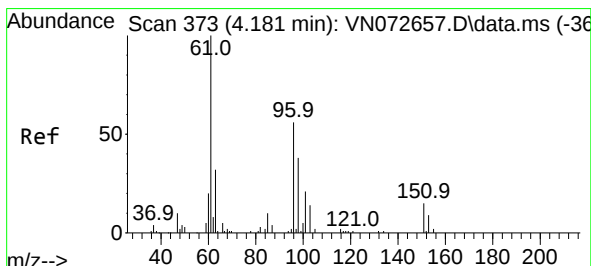
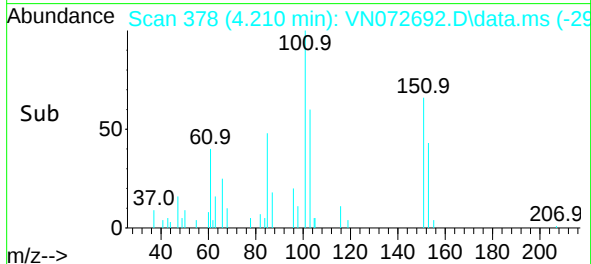
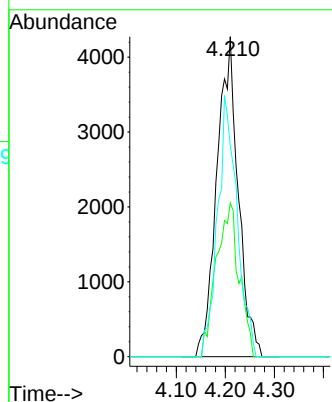
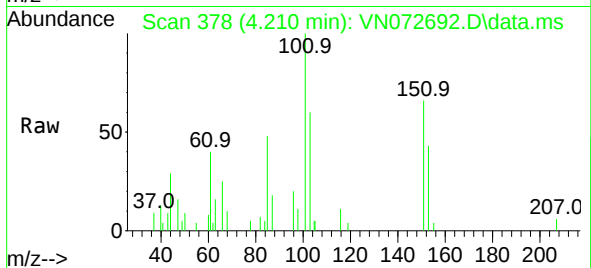
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1,1,2-Trichlorotrifluoroethane
Concen: 4.844 ug/l m
RT: 4.210 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55

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

Tgt Ion:101 Resp: 12950
Ion Ratio Lower Upper
101 100
85 0.0 0.0 94.0
151 74.2 0.0 74.6

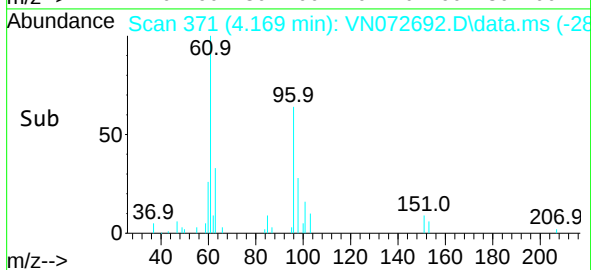
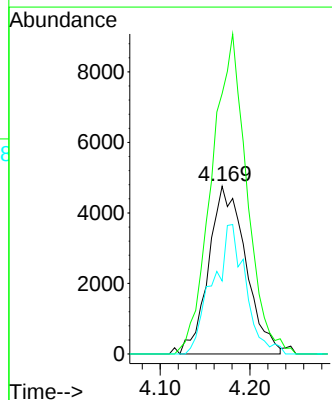
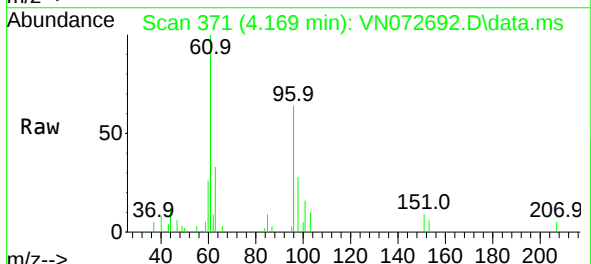
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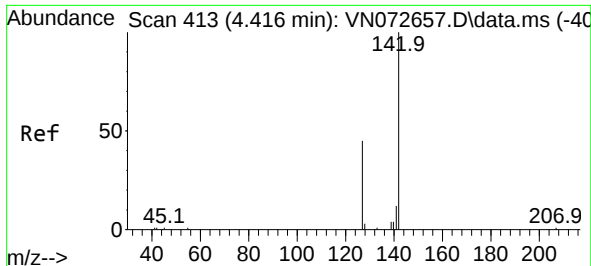
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#10
1,1-Dichloroethene
Concen: 5.382 ug/l
RT: 4.169 min Scan# 371
Delta R.T. -0.012 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55

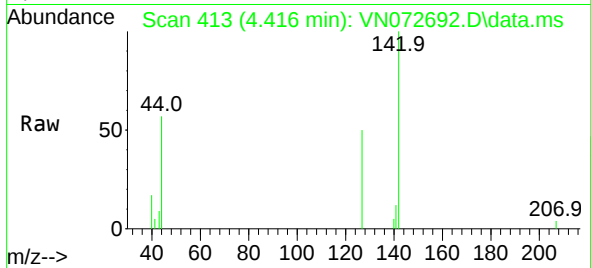
Tgt Ion: 96 Resp: 13597
Ion Ratio Lower Upper
96 100
61 151.7 126.2 189.4
98 43.5 50.9 76.3#





#11
Methyl Iodide
Concen: 4.472 ug/l m
RT: 4.416 min Scan# 413
Delta R.T. 0.000 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55

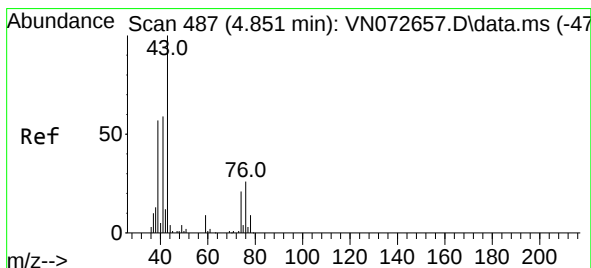
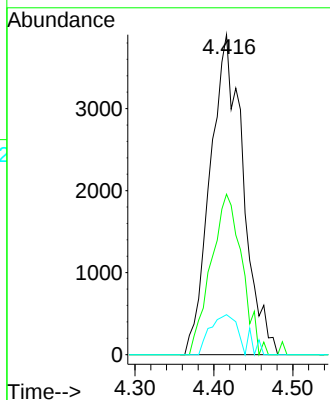
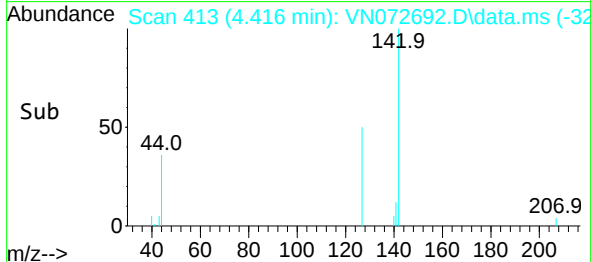
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:142 Resp: 11310
Ion Ratio Lower Upper
142 100
127 50.2 24.0 72.0
141 12.5 8.4 25.2

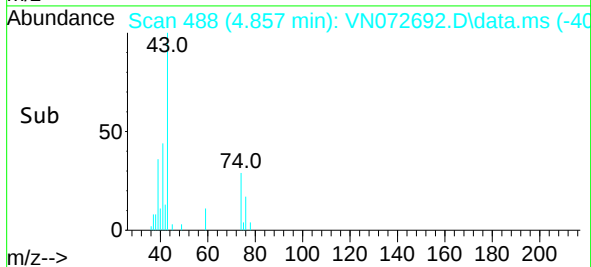
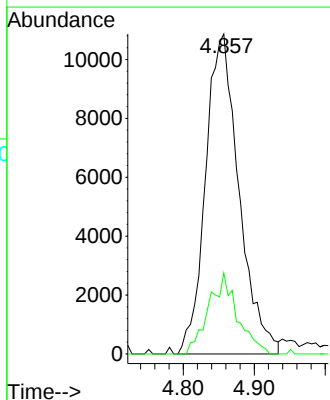
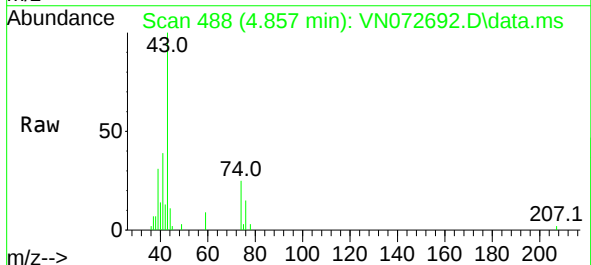
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#12
Methyl Acetate
Concen: 6.811 ug/l
RT: 4.857 min Scan# 488
Delta R.T. 0.006 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55

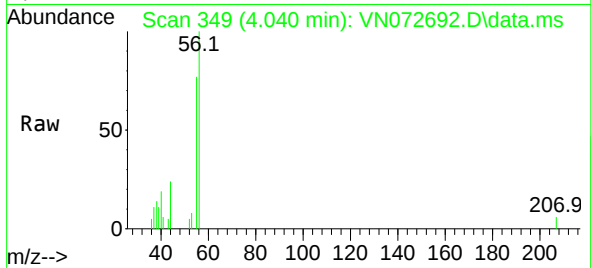
Tgt Ion: 43 Resp: 35500
Ion Ratio Lower Upper
43 100
74 25.8 20.8 31.2





#13
Acrolein
Concen: 21.042 ug/l
RT: 4.040 min Scan# 348
Delta R.T. 0.006 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55

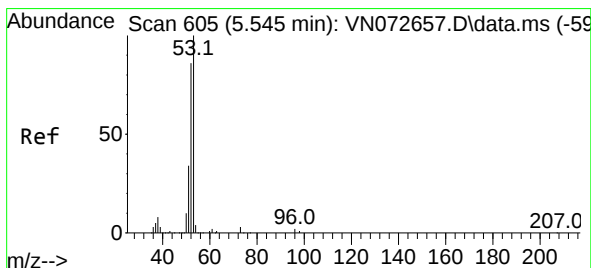
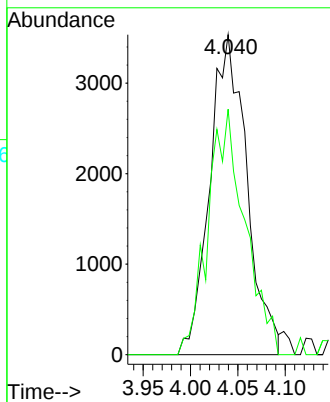
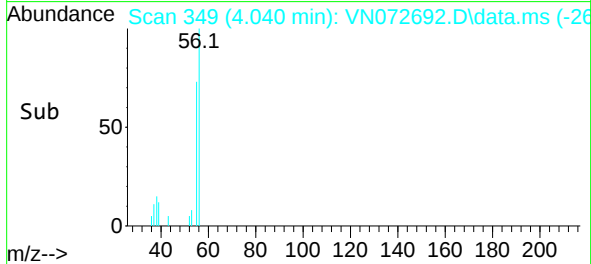
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



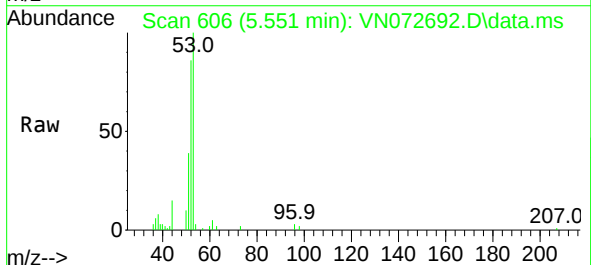
Tgt Ion: 56 Resp: 9600
Ion Ratio Lower Upper
56 100
55 35.1 57.6 86.4

Manual Integrations
APPROVED

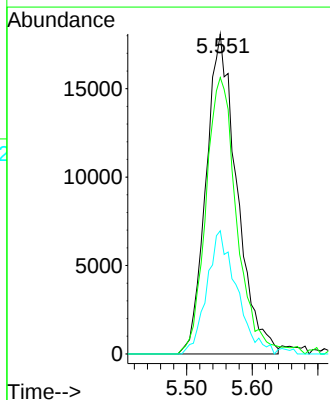
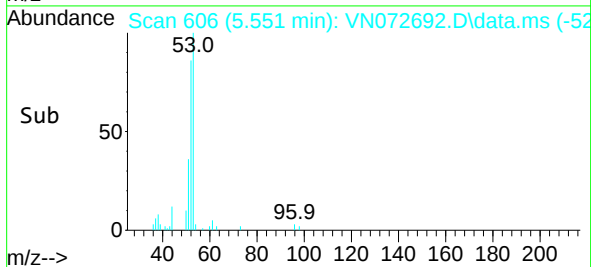
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

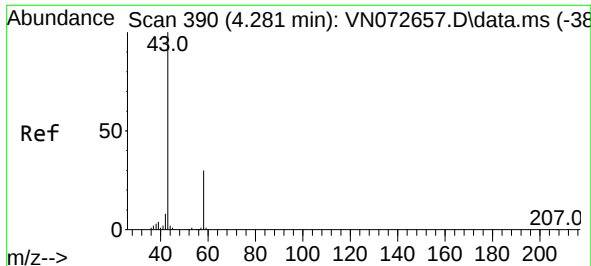


#14
Acrylonitrile
Concen: 27.829 ug/l
RT: 5.551 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55



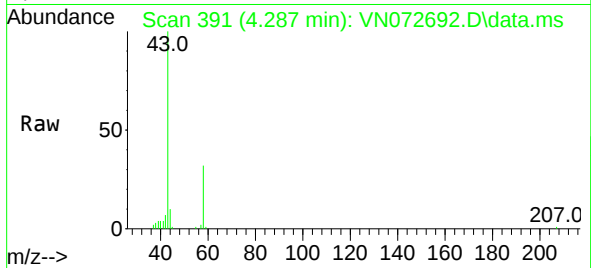
Tgt Ion: 53 Resp: 59124
Ion Ratio Lower Upper
53 100
52 86.3 41.8 125.4
51 37.0 19.0 57.0





#15
Acetone
Concen: 30.287 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55

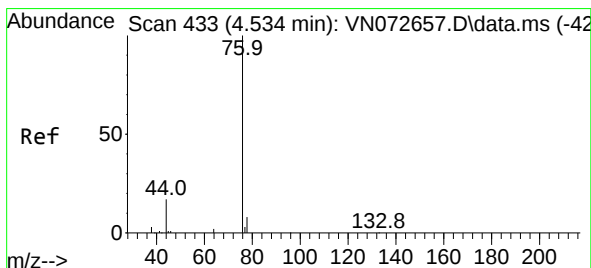
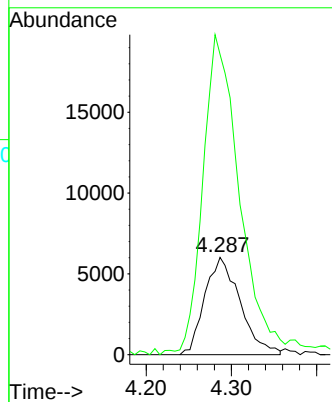
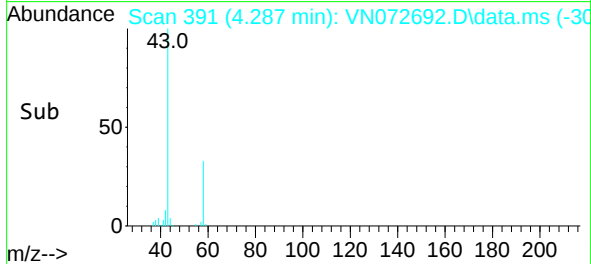
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 58 Resp: 1742
Ion Ratio Lower Upper
58 100
43 303.7 256.6 384.8

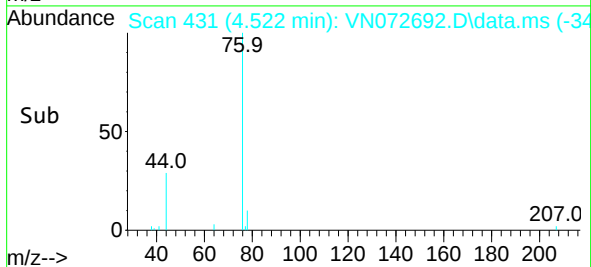
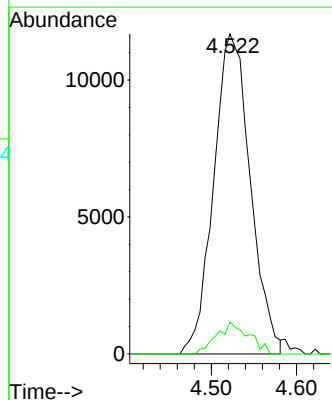
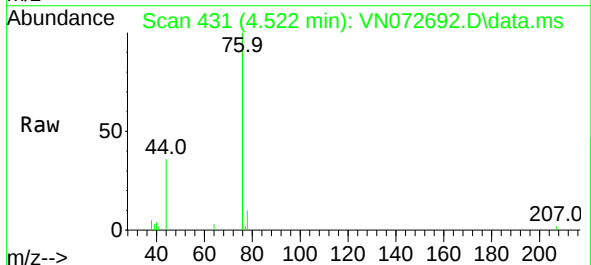
Manual Integrations
APPROVED

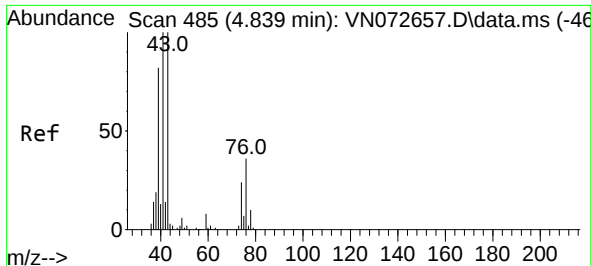
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#16
Carbon Disulfide
Concen: 5.483 ug/l
RT: 4.522 min Scan# 431
Delta R.T. -0.012 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55

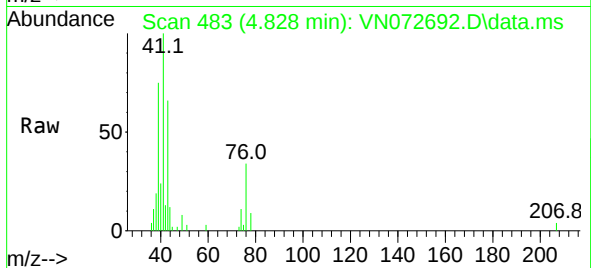
Tgt Ion: 76 Resp: 34919
Ion Ratio Lower Upper
76 100
78 9.9 7.8 11.8





#17
 Allyl chloride
 Concen: 5.121 ug/l m
 RT: 4.828 min Scan# 41
 Delta R.T. -0.012 min
 Lab File: VN072692.D
 Acq: 07 Jun 2022 16:55

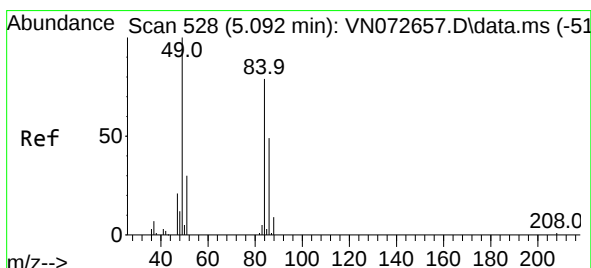
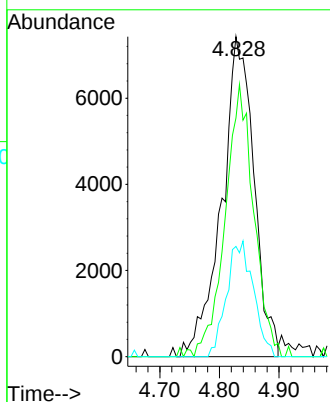
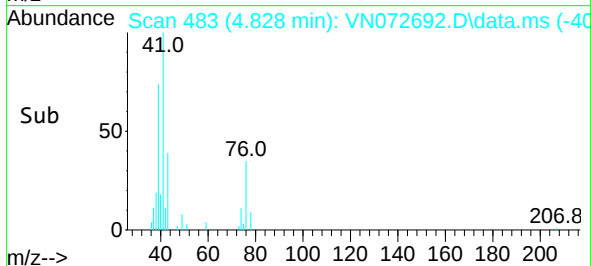
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2022



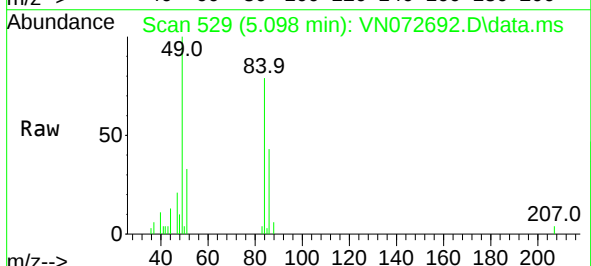
Tgt Ion: 41 Resp: 27949
 Ion Ratio Lower Upper
 41 100
 39 74.6 44.6 134.0
 76 34.5 19.6 58.7

Manual Integrations
 APPROVED

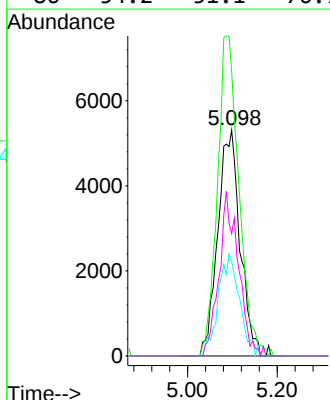
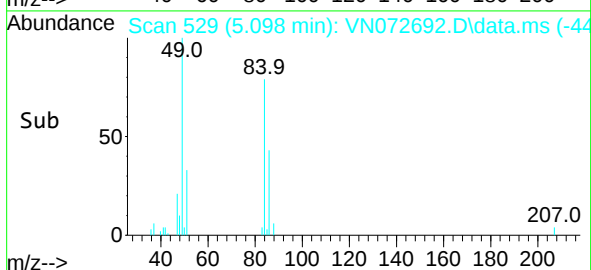
Reviewed By :John Carlone 06/08/2022
 Supervised By :Mahesh Dadoda 06/08/2022



#18
 Methylene Chloride
 Concen: 5.770 ug/l m
 RT: 5.098 min Scan# 529
 Delta R.T. 0.006 min
 Lab File: VN072692.D
 Acq: 07 Jun 2022 16:55



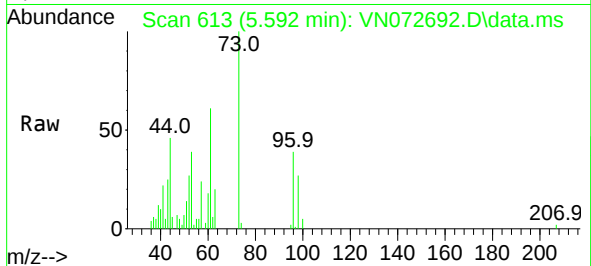
Tgt Ion: 84 Resp: 18303
 Ion Ratio Lower Upper
 84 100
 49 126.3 91.4 137.0
 51 41.8 29.4 44.0
 86 54.2 51.1 76.7





#19
trans-1,2-Dichloroethene
Concen: 5.399 ug/l
RT: 5.592 min Scan# 613
Delta R.T. 0.000 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55

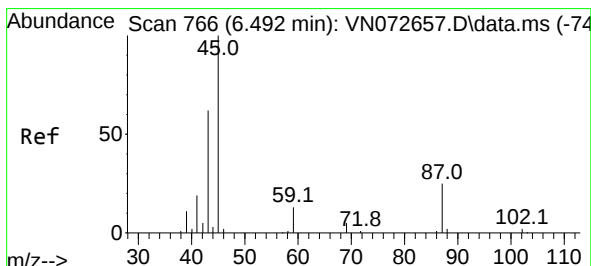
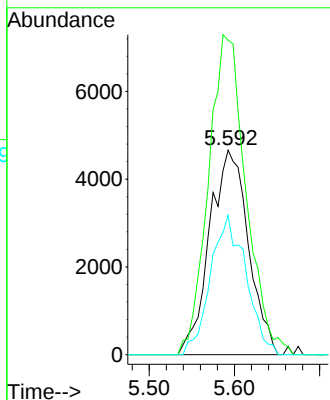
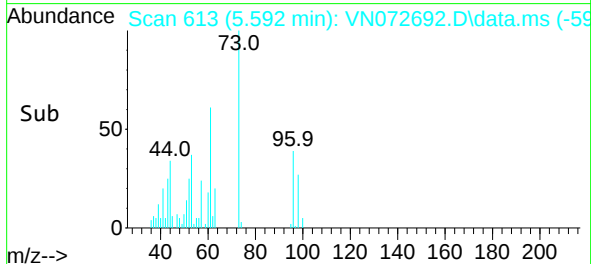
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2022



Tgt Ion: 96 Resp: 14759
Ion Ratio Lower Upper
96 100
61 153.7 102.8 154.2
98 68.2 49.3 73.9

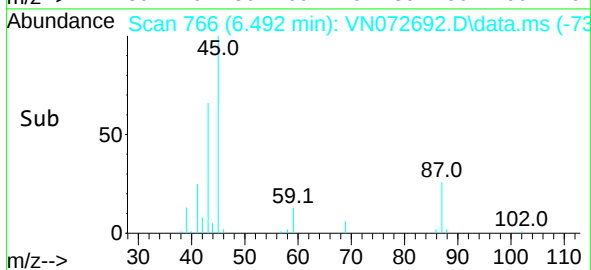
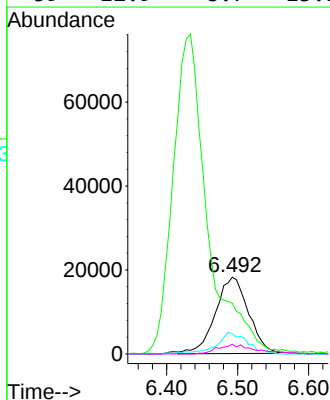
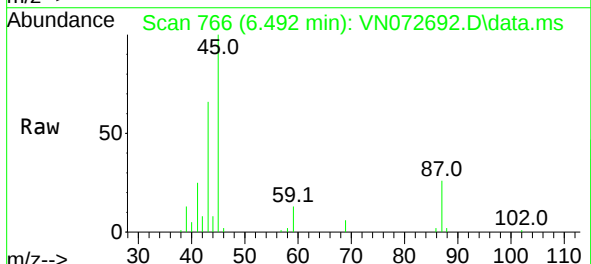
Manual Integrations
APPROVED

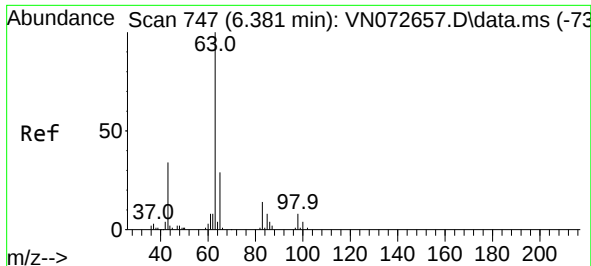
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#20
Diisopropyl ether
Concen: 5.432 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.000 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55

Tgt Ion: 45 Resp: 58712
Ion Ratio Lower Upper
45 100
43 62.7 51.0 76.4
87 26.8 25.0 37.4
59 12.9 8.7 13.1





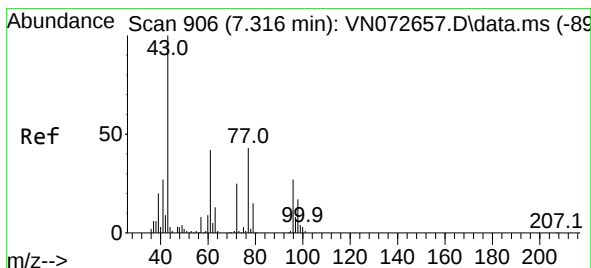
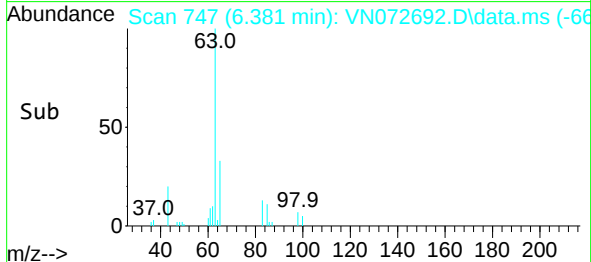
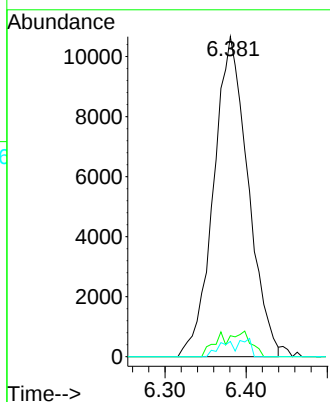
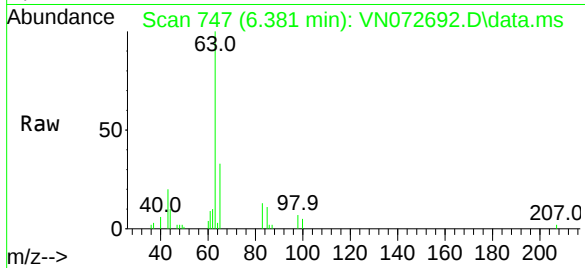
#21
1,1-Dichloroethane
Concen: 5.233 ug/l
RT: 6.381 min Scan# 747
Delta R.T. 0.000 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55

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

Tgt Ion: 63 Resp: 3142
Ion Ratio Lower Upper
63 100
98 6.6 3.2 9.6
100 4.8 2.1 6.2

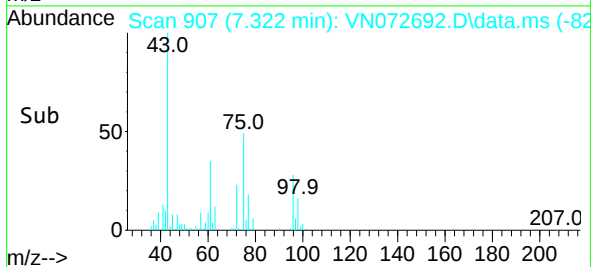
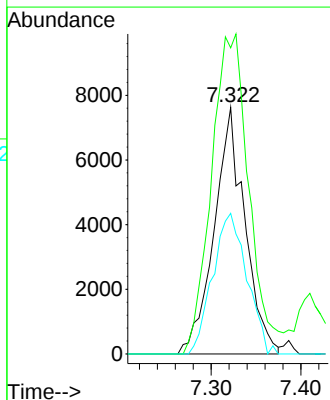
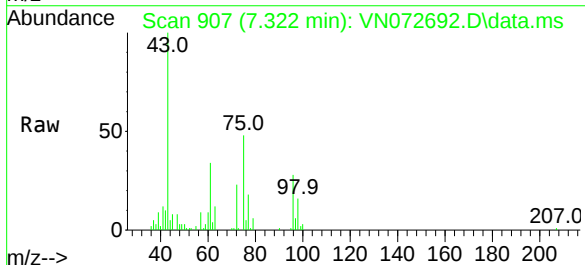
Manual Integrations
APPROVED

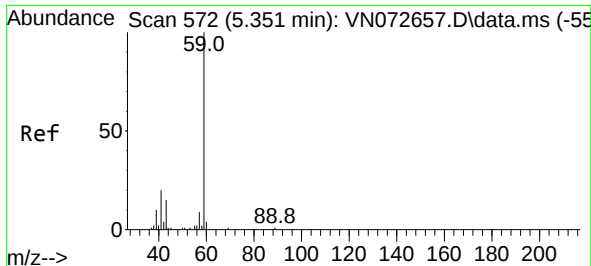
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#22
cis-1,2-Dichloroethene
Concen: 5.295 ug/l
RT: 7.322 min Scan# 907
Delta R.T. 0.006 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55

Tgt Ion: 96 Resp: 18133
Ion Ratio Lower Upper
96 100
61 158.2 115.7 173.5
98 63.2 51.6 77.4





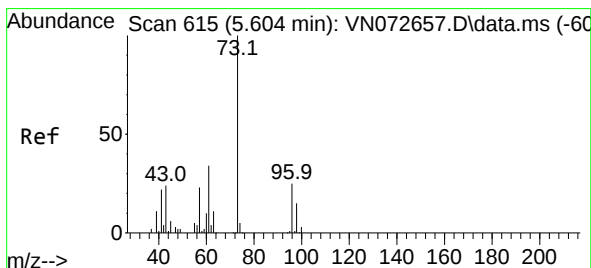
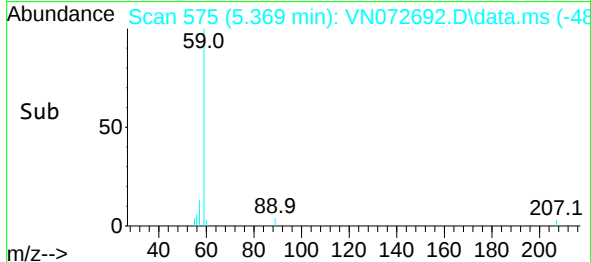
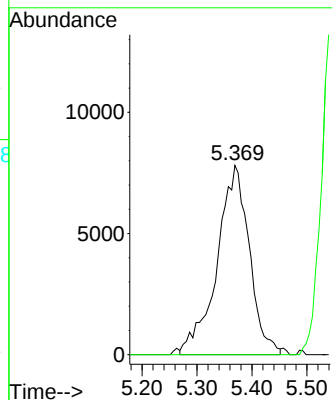
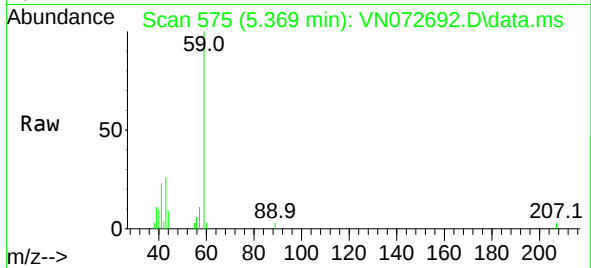
#23
tert-Butyl Alcohol
Concen: 32.309 ug/l
RT: 5.369 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55

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

Tgt Ion: 59 Resp: 3194
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

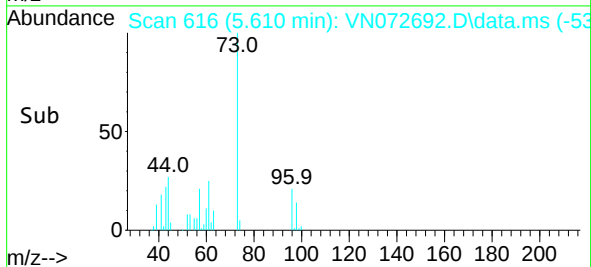
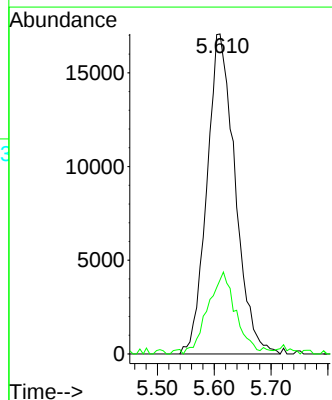
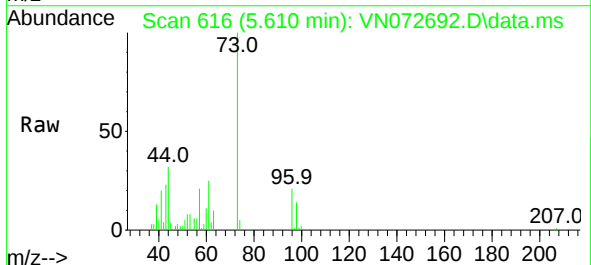
Manual Integrations
APPROVED

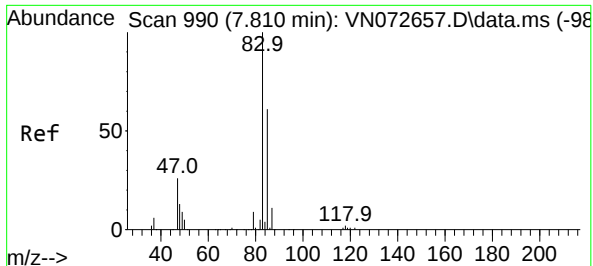
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#24
Methyl tert-Butyl Ether
Concen: 5.233 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55

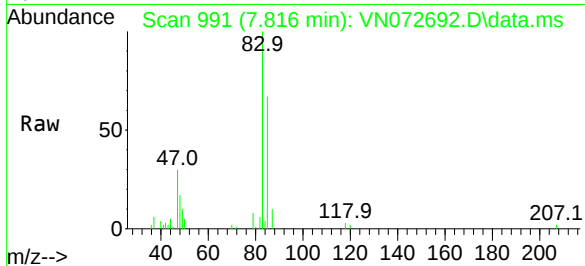
Tgt Ion: 73 Resp: 58794
Ion Ratio Lower Upper
73 100
43 24.8 18.1 27.1





#25
Chloroform
Concen: 5.242 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55

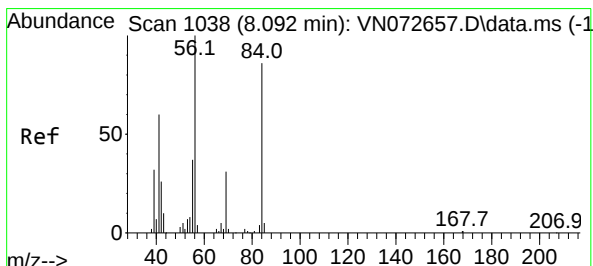
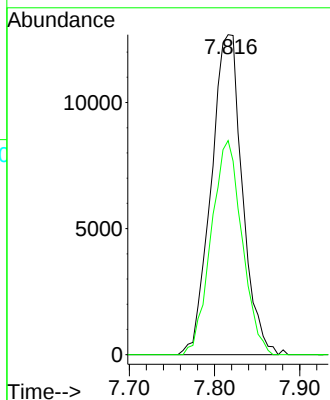
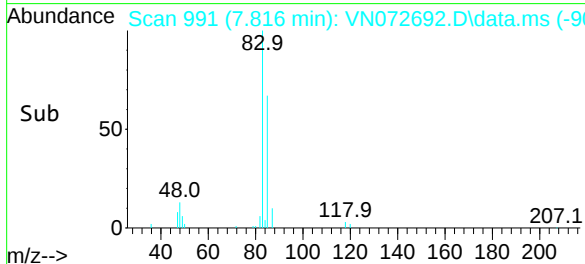
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



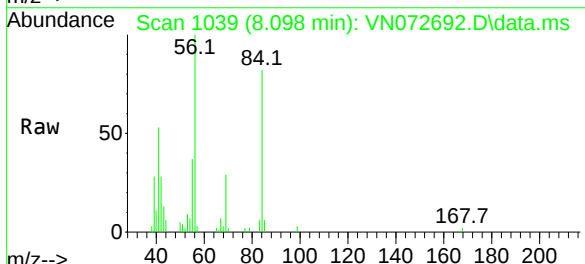
Tgt Ion: 83 Resp: 3233
Ion Ratio Lower Upper
83 100
85 66.9 51.3 76.9

Manual Integrations
APPROVED

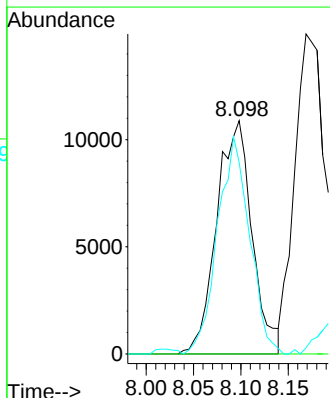
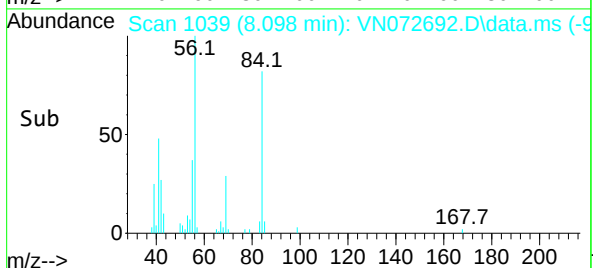
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

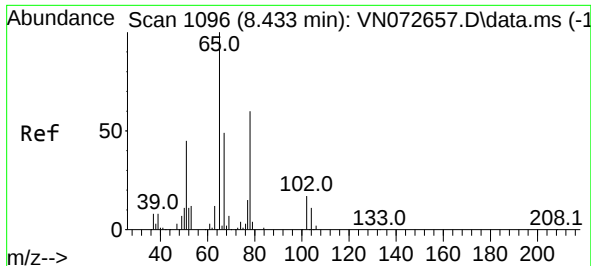


#26
Cyclohexane
Concen: 5.632 ug/l
RT: 8.098 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55



Tgt Ion: 56 Resp: 28196
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 84.5 74.6 111.8





#27

1,2-Dichloroethane-d4

Concen: 31.067 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. 0.000 min

Lab File: VN072692.D

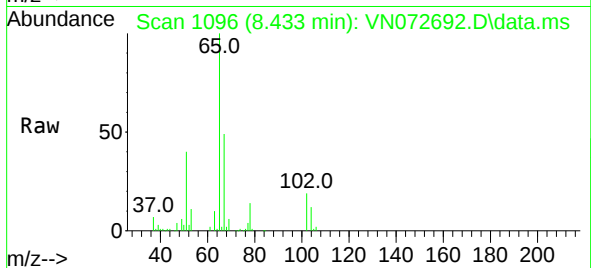
Acq: 07 Jun 2022 16:55

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2022



Tgt Ion: 65 Resp: 13547

Ion Ratio Lower Upper

65 100

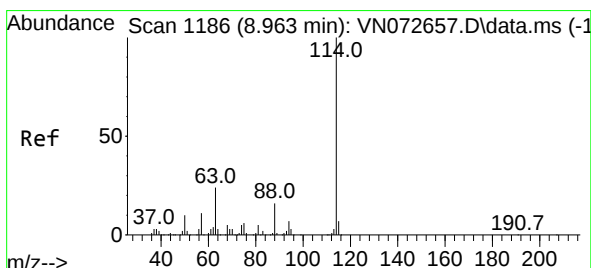
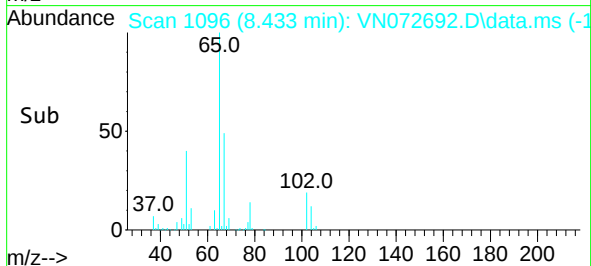
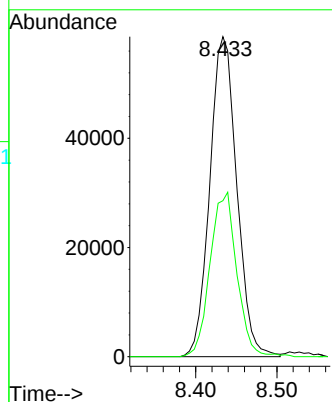
67 50.6 40.2 60.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/08/2022

Supervised By :Mahesh Dadoda 06/08/2022



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. 0.000 min

Lab File: VN072692.D

Acq: 07 Jun 2022 16:55

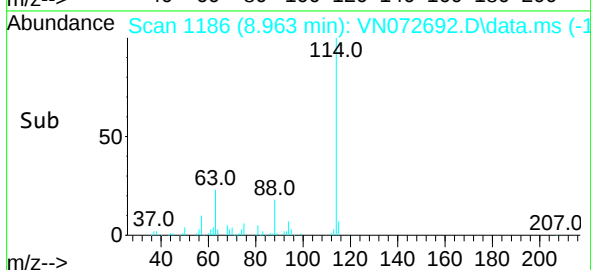
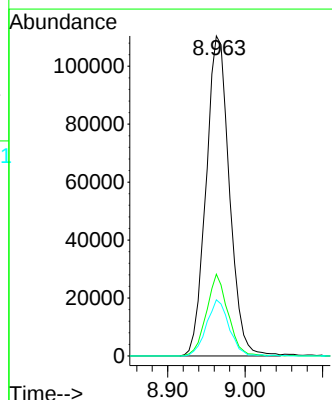
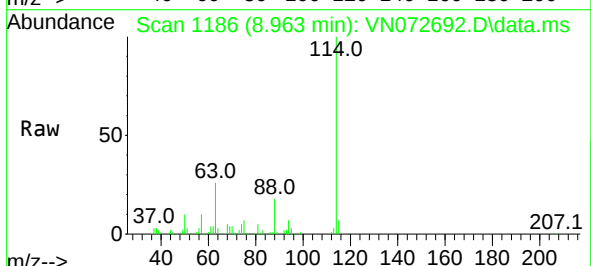
Tgt Ion:114 Resp: 231462

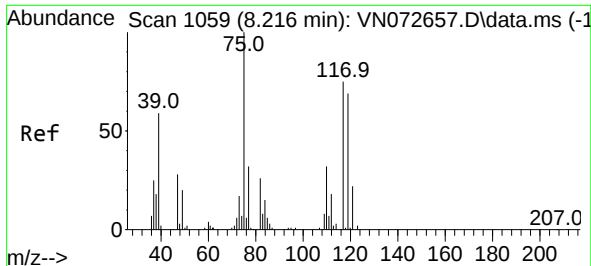
Ion Ratio Lower Upper

114 100

63 23.7 15.8 23.6

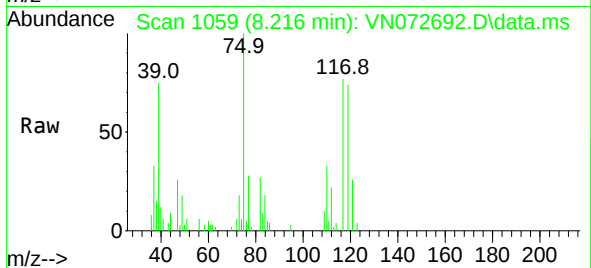
88 16.8 11.6 17.4





#29
1,1-Dichloropropene
Concen: 5.245 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55

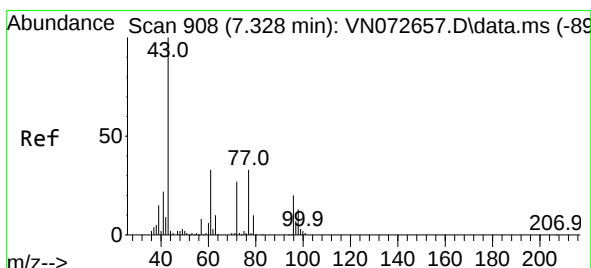
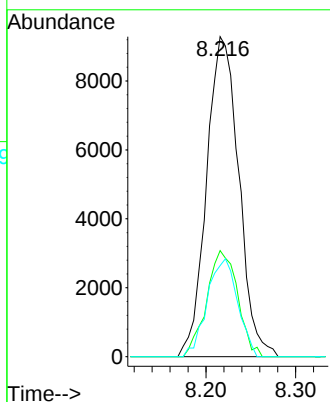
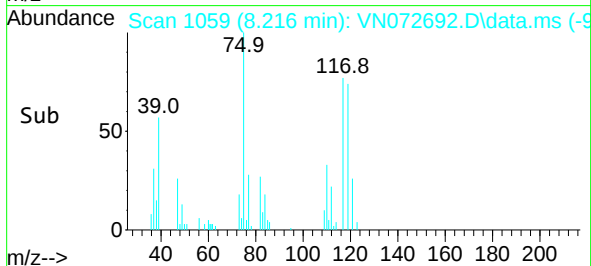
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



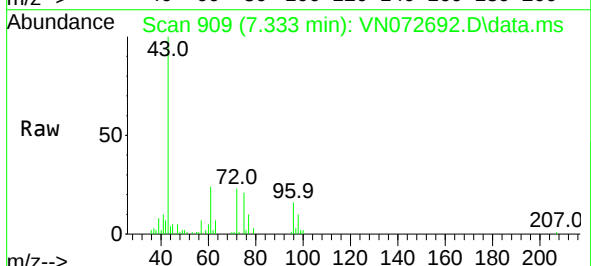
Tgt Ion: 75 Resp: 2314
Ion Ratio Lower Upper
75 100
110 31.8 0.0 74.2
77 28.9 0.0 63.2

Manual Integrations
APPROVED

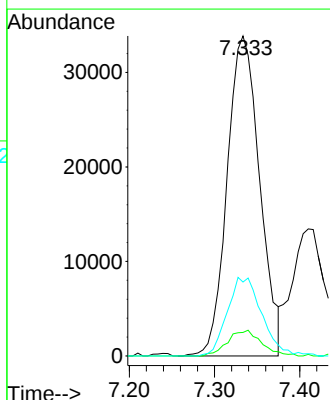
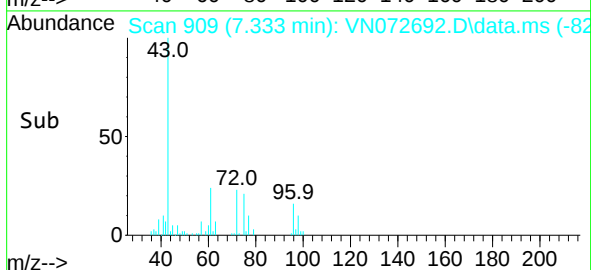
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#30
2-Butanone
Concen: 28.184 ug/l
RT: 7.333 min Scan# 909
Delta R.T. 0.006 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55



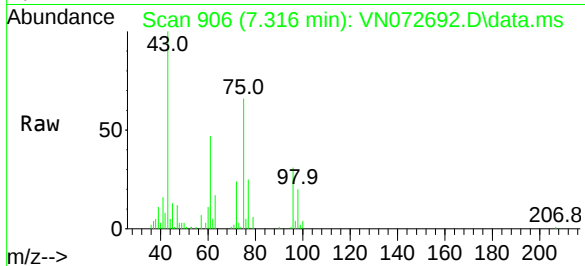
Tgt Ion: 43 Resp: 89996
Ion Ratio Lower Upper
43 100
57 0.0 6.7 10.1#
72 25.8 23.2 34.8





#31
2,2-Dichloropropane
Concen: 2.535 ug/l
RT: 7.316 min Scan# 906
Delta R.T. 0.000 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55

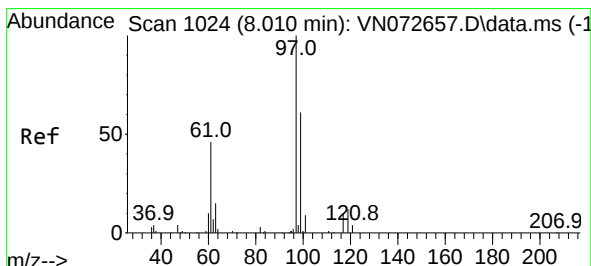
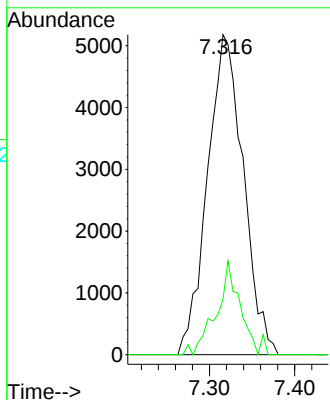
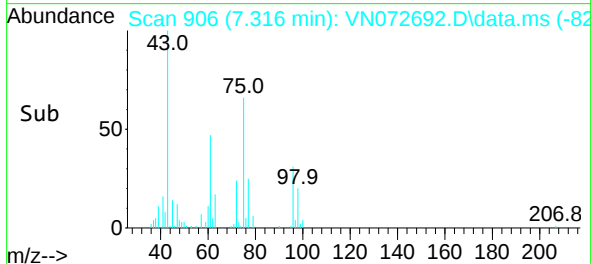
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



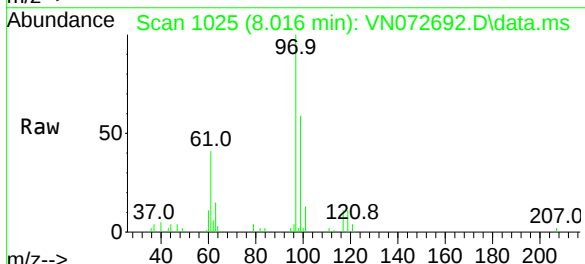
Tgt Ion: 77 Resp: 15138
Ion Ratio Lower Upper
77 100
97 14.8 18.3 27.5

Manual Integrations
APPROVED

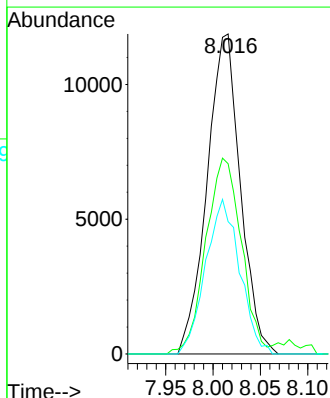
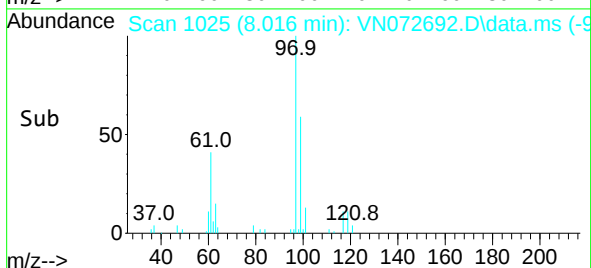
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

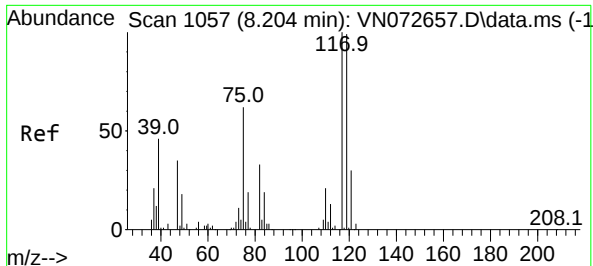


#32
1,1,1-Trichloroethane
Concen: 5.043 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.006 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55



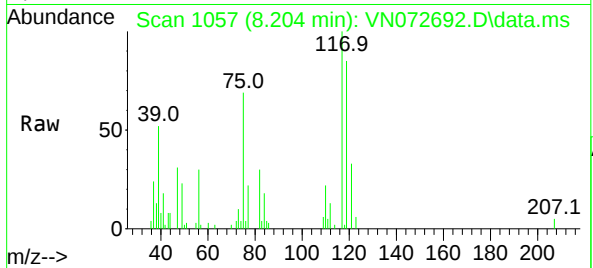
Tgt Ion: 97 Resp: 29112
Ion Ratio Lower Upper
97 100
99 65.0 50.4 75.6
61 49.3 34.6 51.8





#33
Carbon Tetrachloride
Concen: 4.744 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55

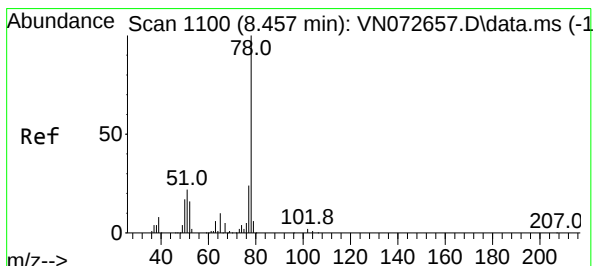
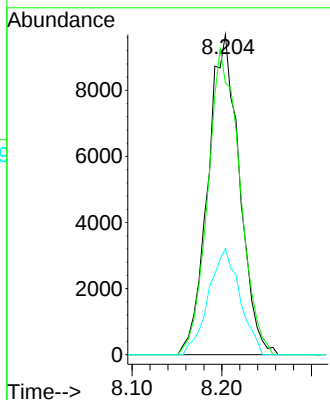
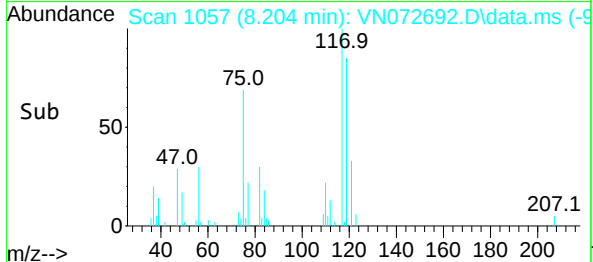
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



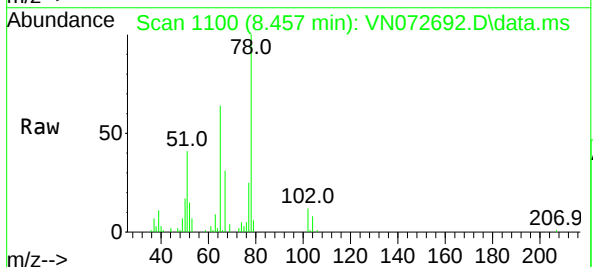
Tgt Ion: 117 Resp: 23620
Ion Ratio Lower Upper
117 100
119 85.0 77.5 116.3
121 33.2 23.5 35.3

Manual Integrations
APPROVED

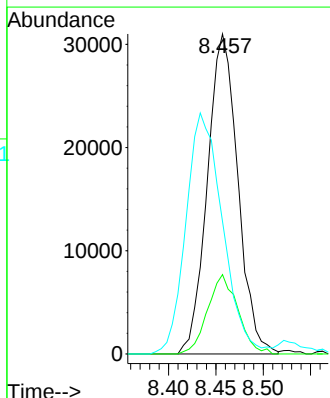
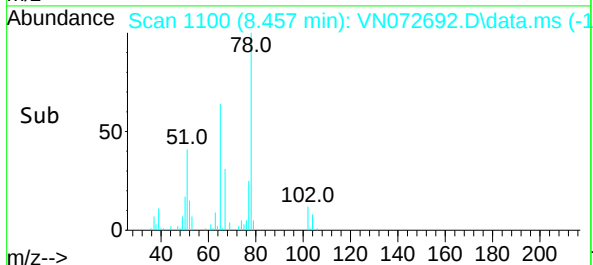
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#34
Benzene
Concen: 5.318 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55



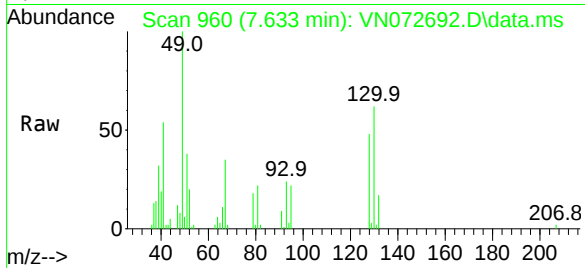
Tgt Ion: 78 Resp: 69418
Ion Ratio Lower Upper
78 100
77 24.8 19.1 28.7
51 38.5 16.0 24.0#





#35
Methacrylonitrile
Concen: 4.711 ug/l
RT: 7.633 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55

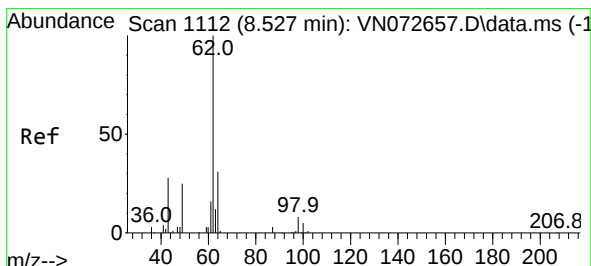
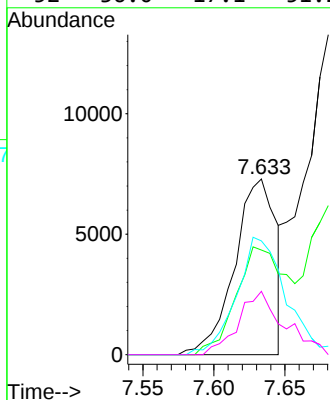
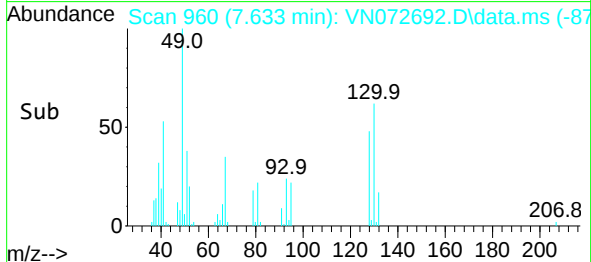
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



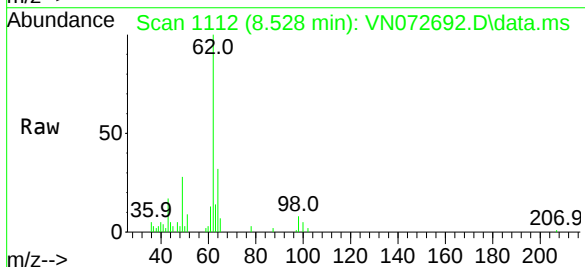
Tgt Ion: 41 Resp: 1475
Ion Ratio Lower Upper
41 100
39 59.5 28.0 83.9
67 64.8 37.7 113.1
52 36.0 17.1 51.2

Manual Integrations
APPROVED

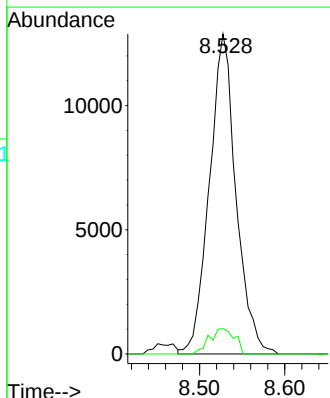
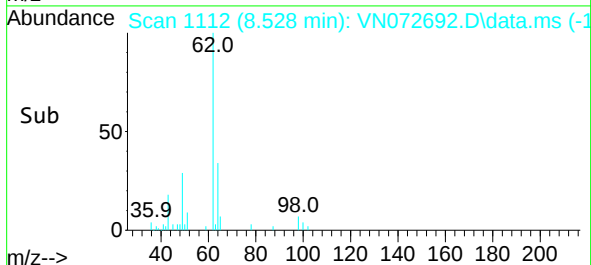
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

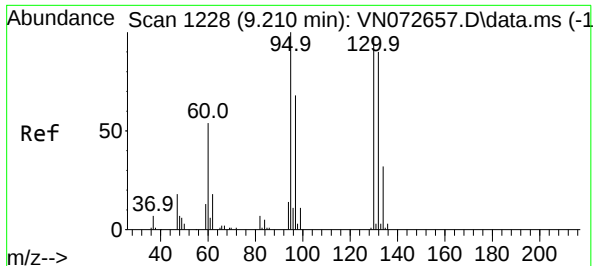


#36
1,2-Dichloroethane
Concen: 5.073 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55



Tgt Ion: 62 Resp: 27978
Ion Ratio Lower Upper
62 100
98 7.5 6.6 10.0





#37

Trichloroethene

Concen: 5.066 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN072692.D

Acq: 07 Jun 2022 16:55

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2022

Tgt Ion:130 Resp: 1594

Ion Ratio Lower Upper

130 100

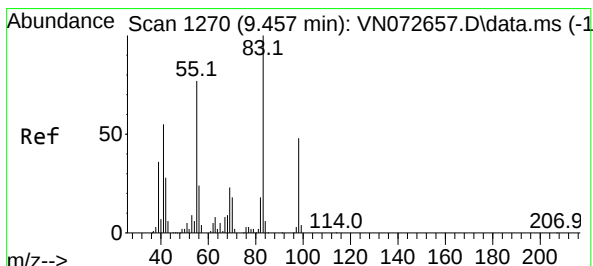
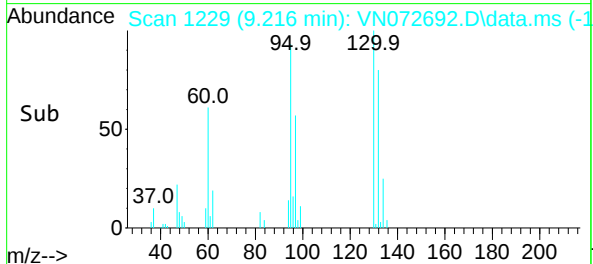
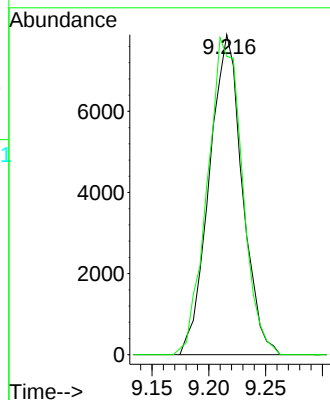
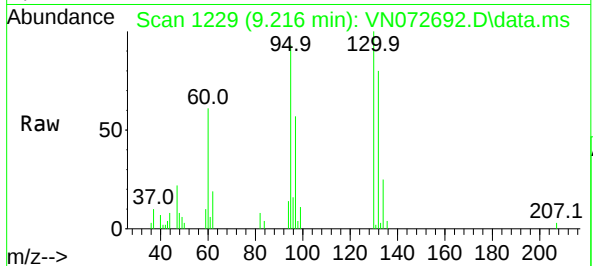
95 93.2 76.6 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/08/2022

Supervised By :Mahesh Dadoda 06/08/2022



#38

Methylcyclohexane

Concen: 4.937 ug/l

RT: 9.457 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VN072692.D

Acq: 07 Jun 2022 16:55

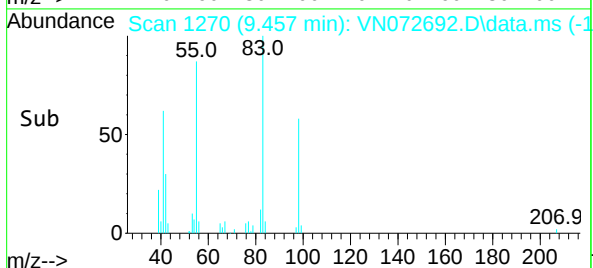
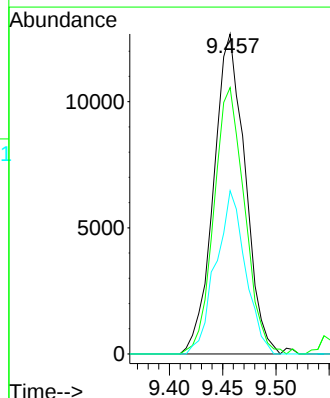
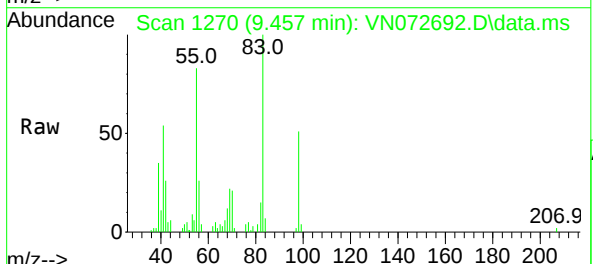
Tgt Ion: 83 Resp: 26002

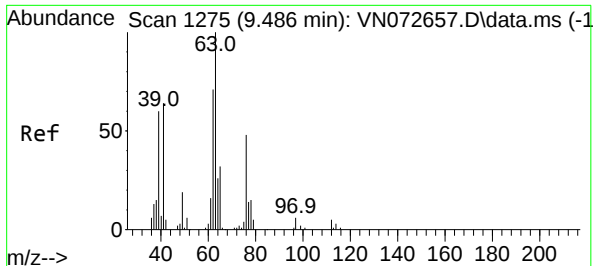
Ion Ratio Lower Upper

83 100

55 81.3 35.1 105.3

98 48.2 23.4 70.2





#39

1,2-Dichloropropane

Concen: 5.304 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN072692.D

Acq: 07 Jun 2022 16:55

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2022

Tgt Ion: 63 Resp: 19020

Ion Ratio Lower Upper

63 100

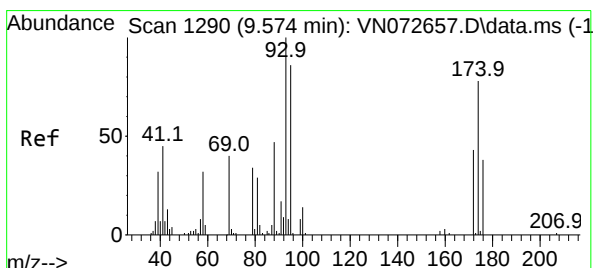
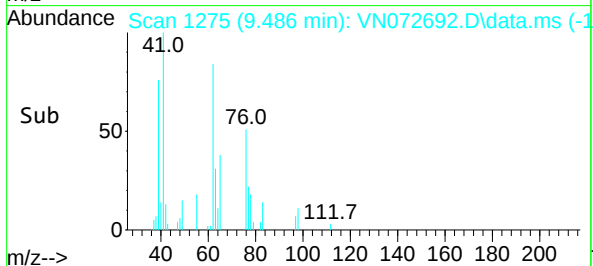
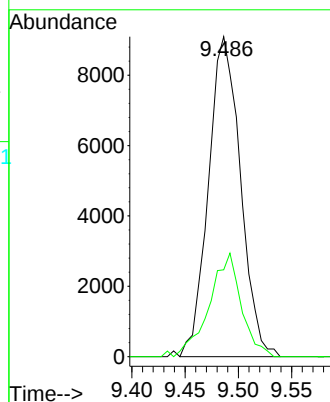
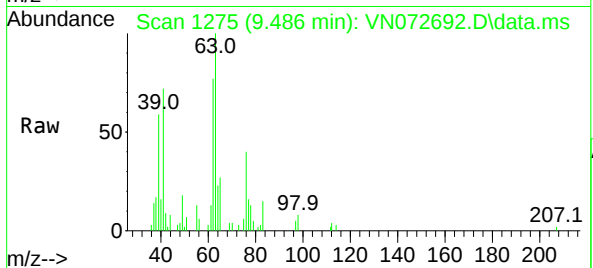
65 27.1 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/08/2022

Supervised By :Mahesh Dadoda 06/08/2022



#40

Dibromomethane

Concen: 5.210 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. 0.000 min

Lab File: VN072692.D

Acq: 07 Jun 2022 16:55

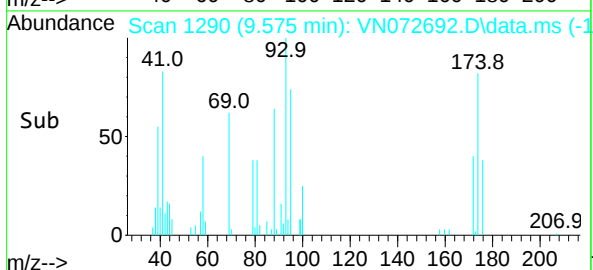
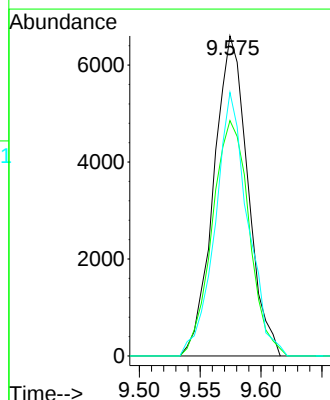
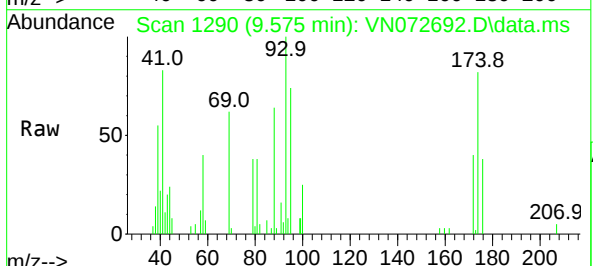
Tgt Ion: 93 Resp: 12826

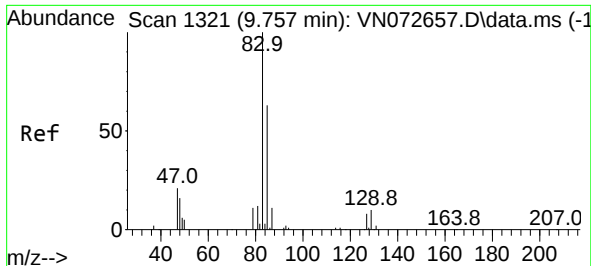
Ion Ratio Lower Upper

93 100

95 79.8 0.0 168.8

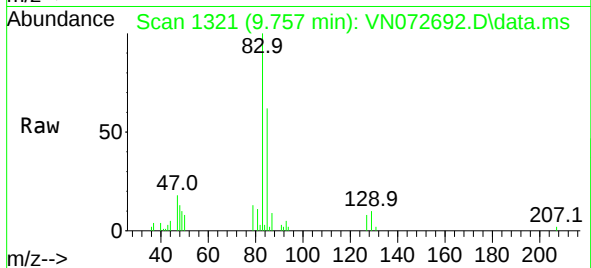
174 79.2 0.0 173.6





#41
Bromodichloromethane
Concen: 4.783 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55

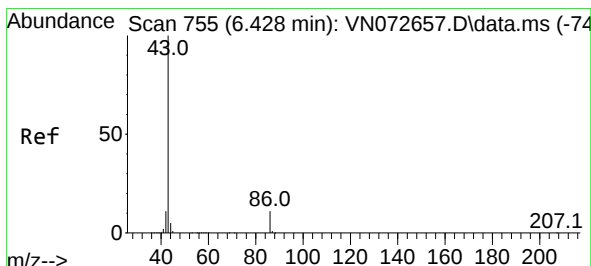
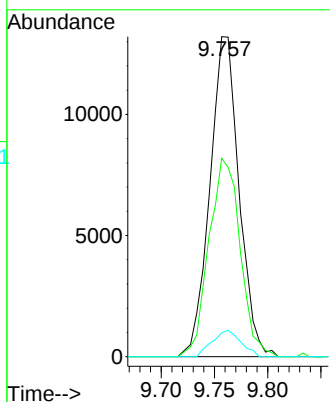
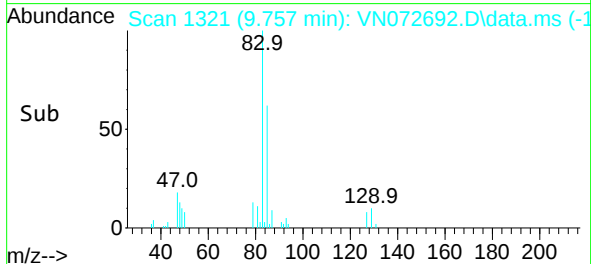
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 83 Resp: 25185
Ion Ratio Lower Upper
83 100
85 62.0 54.1 81.1
127 7.5 7.6 11.4

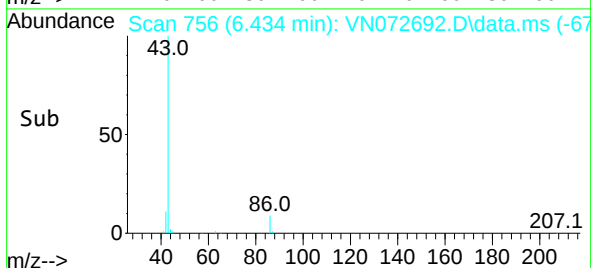
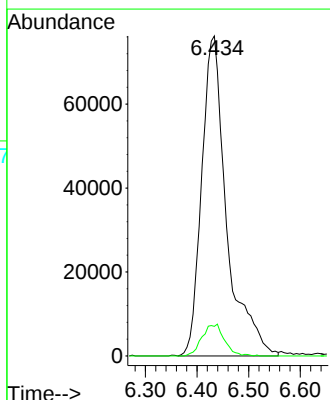
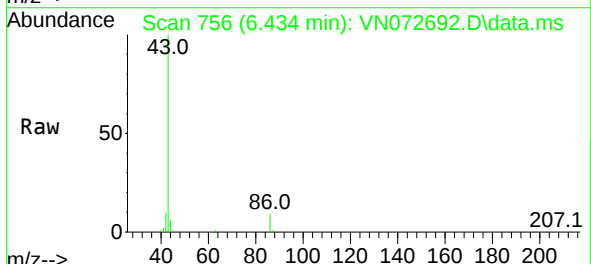
Manual Integrations
APPROVED

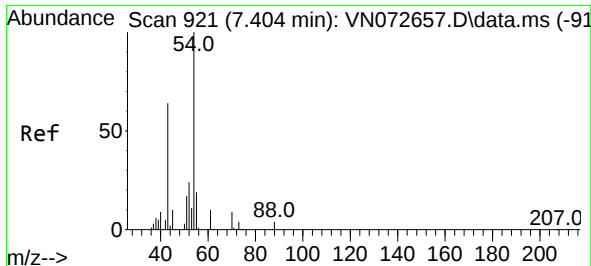
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#42
Vinyl Acetate
Concen: 24.639 ug/l
RT: 6.434 min Scan# 756
Delta R.T. 0.006 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55

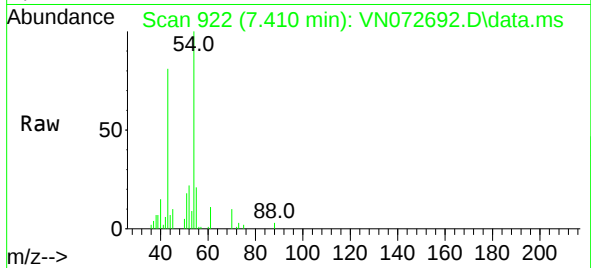
Tgt Ion: 43 Resp: 256136
Ion Ratio Lower Upper
43 100
86 5.3 7.5 11.3





#43
Ethyl Acetate
Concen: 6.093 ug/l m
RT: 7.410 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55

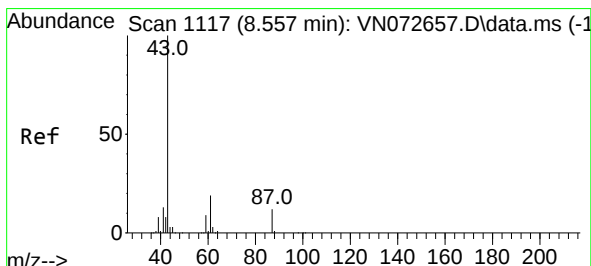
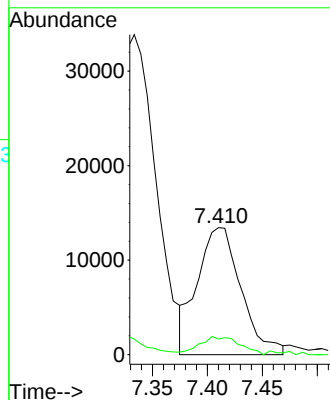
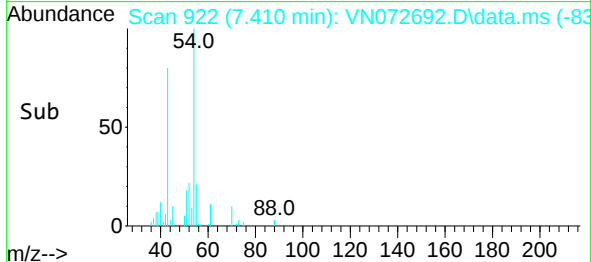
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 43 Resp: 37270
Ion Ratio Lower Upper
43 100
45 0.2 10.6 16.0

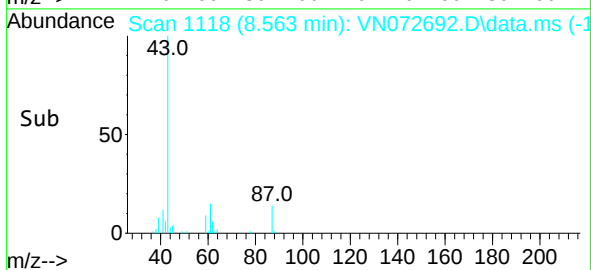
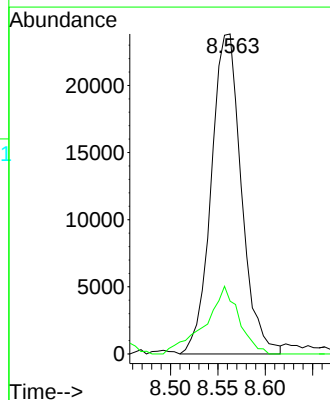
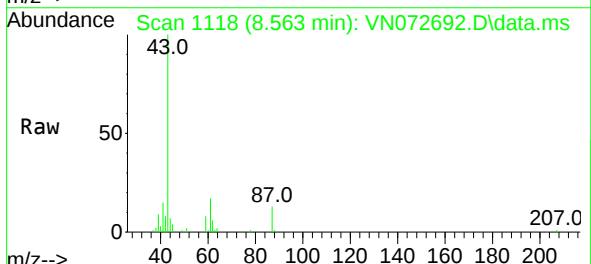
Manual Integrations
APPROVED

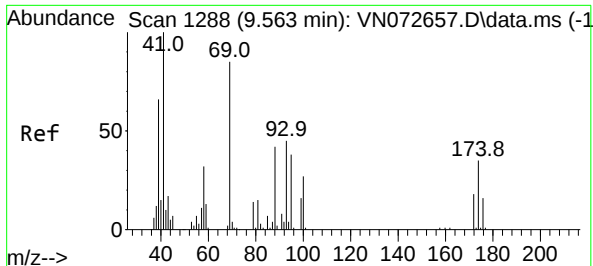
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#44
Isopropyl Acetate
Concen: 5.204 ug/l
RT: 8.563 min Scan# 1118
Delta R.T. 0.006 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55

Tgt Ion: 43 Resp: 52813
Ion Ratio Lower Upper
43 100
61 23.6 20.1 30.1





#45

1,4-Dioxane

Concen: 115.858 ug/l

RT: 9.569 min Scan# 1288

Delta R.T. 0.006 min

Lab File: VN072692.D

Acq: 07 Jun 2022 16:55

Instrument :

MSVOA_N

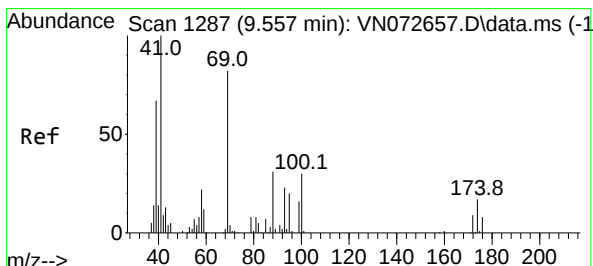
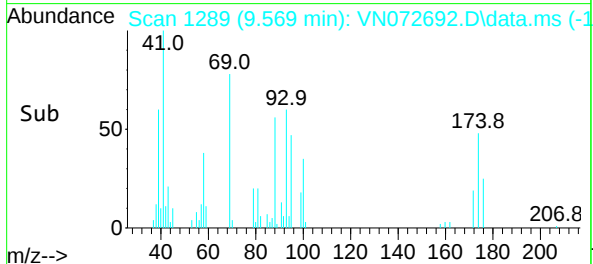
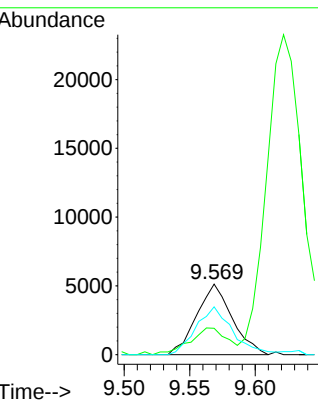
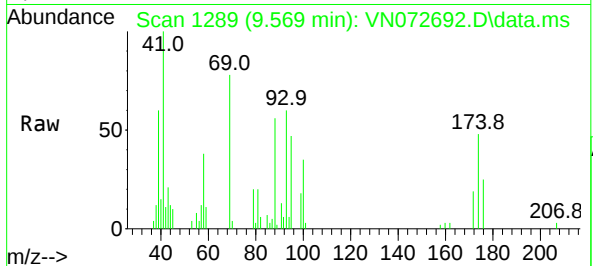
ClientSampleId :

LOQ-WATER-02-QT2-2022

Tgt Ion: 88	Resp: 966
Ion Ratio	Lower Upper
88 100	
43 40.0	25.0 37.6
58 69.9	49.4 74.2

Manual Integrations
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Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#46

Methyl methacrylate

Concen: 5.267 ug/l

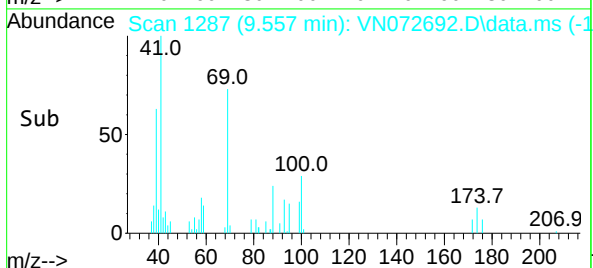
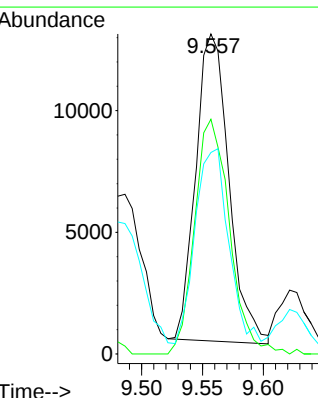
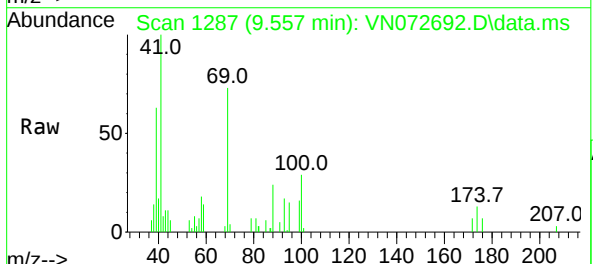
RT: 9.557 min Scan# 1287

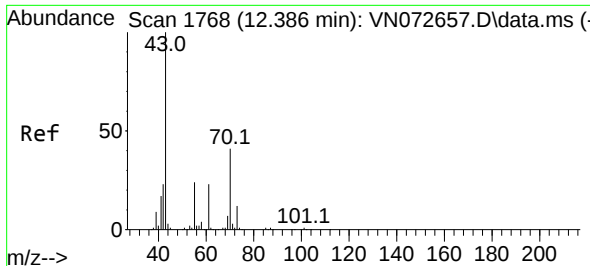
Delta R.T. 0.000 min

Lab File: VN072692.D

Acq: 07 Jun 2022 16:55

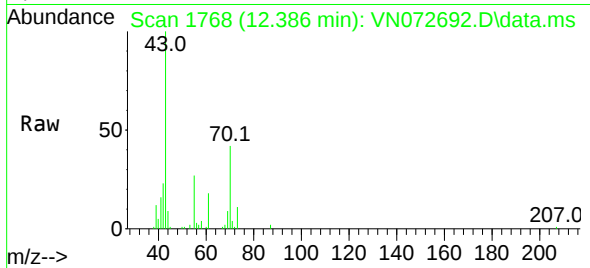
Tgt Ion: 41	Resp: 23899
Ion Ratio	Lower Upper
41 100	
69 77.0	44.4 133.2
39 62.4	39.9 119.6





#47
n-amy1 Acetate
Concen: 4.301 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55

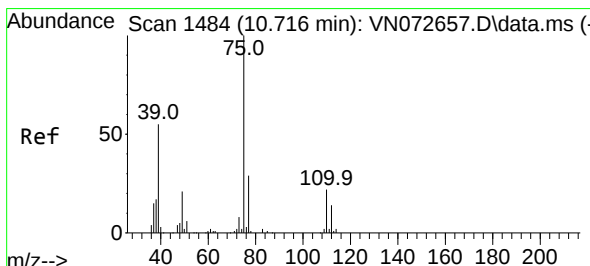
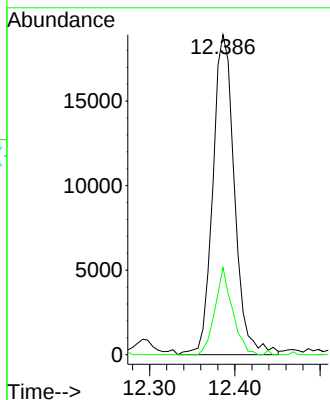
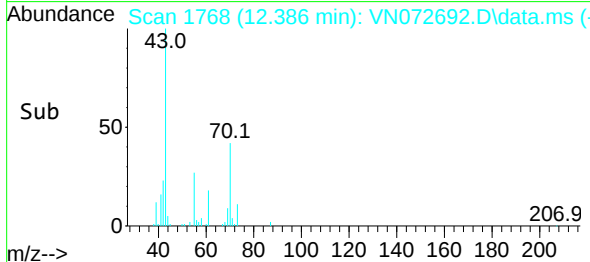
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 43 Resp: 33410
Ion Ratio Lower Upper
43 100
55 22.0 19.0 28.6

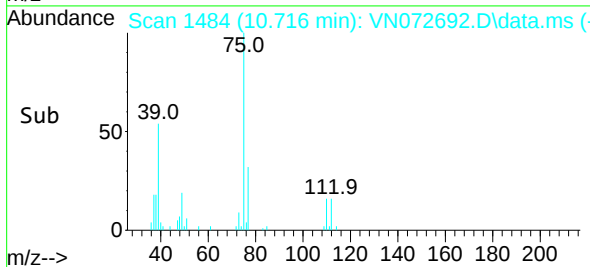
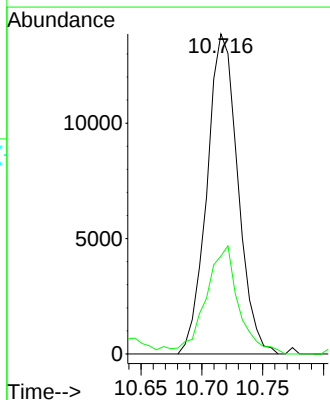
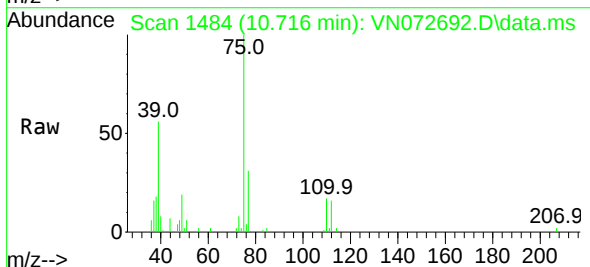
Manual Integrations
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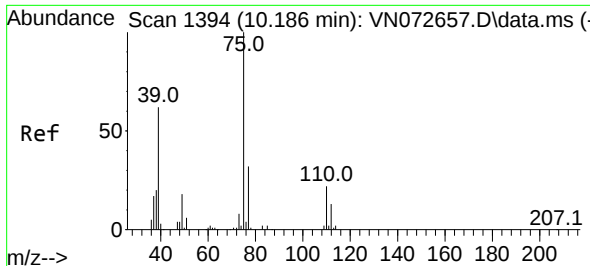
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#48
t-1,3-Dichloropropene
Concen: 4.078 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55

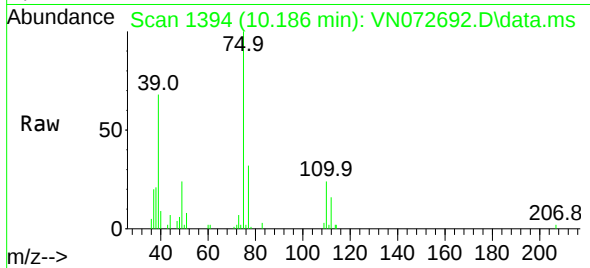
Tgt Ion: 75 Resp: 24509
Ion Ratio Lower Upper
75 100
77 29.4 25.3 37.9





#49
 cis-1,3-Dichloropropene
 Concen: 4.142 ug/l
 RT: 10.186 min Scan# 1394
 Delta R.T. 0.000 min
 Lab File: VN072692.D
 Acq: 07 Jun 2022 16:55

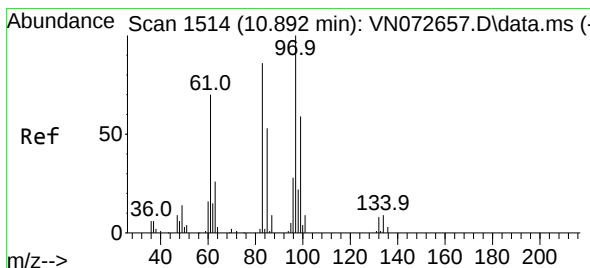
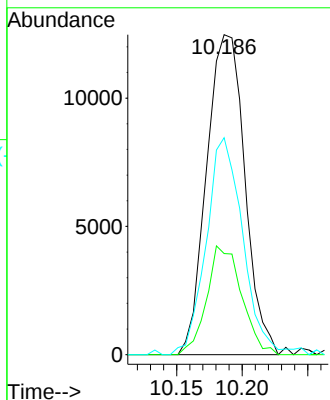
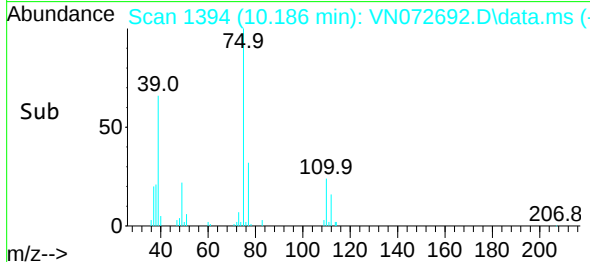
Instrument : MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2022



Tgt Ion: 75 Resp: 2528
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.3 37.9
 39 66.2 46.2 69.4

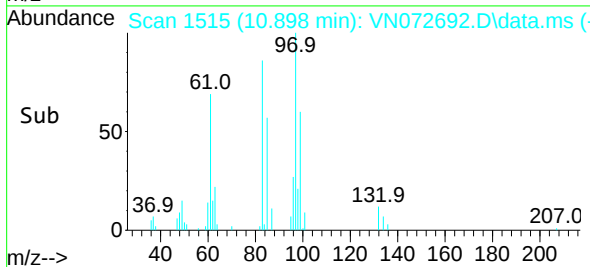
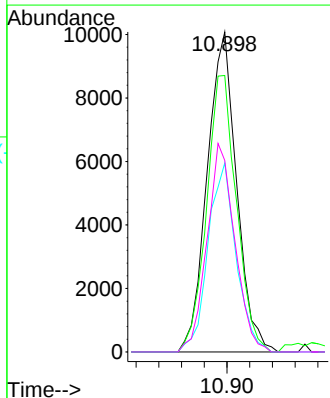
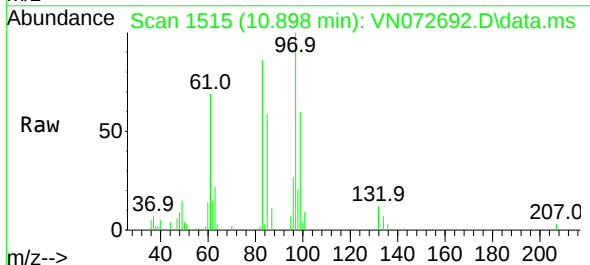
Manual Integrations
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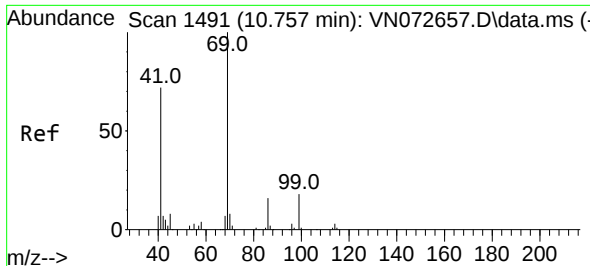
Reviewed By :John Carlone 06/08/2022
 Supervised By :Mahesh Dadoda 06/08/2022



#50
 1,1,2-Trichloroethane
 Concen: 5.211 ug/l
 RT: 10.898 min Scan# 1515
 Delta R.T. 0.006 min
 Lab File: VN072692.D
 Acq: 07 Jun 2022 16:55

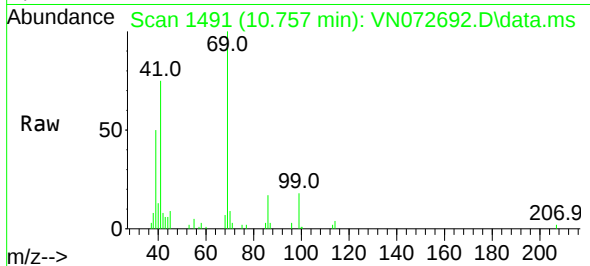
Tgt Ion: 97 Resp: 18137
 Ion Ratio Lower Upper
 97 100
 83 86.4 67.2 100.8
 85 59.0 43.0 64.4
 99 59.8 49.0 73.4





#51
Ethyl methacrylate
Concen: 4.839 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55

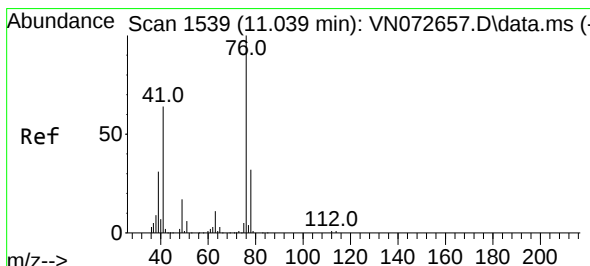
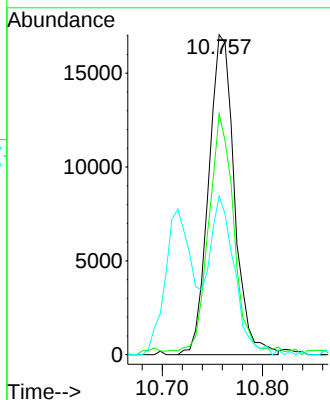
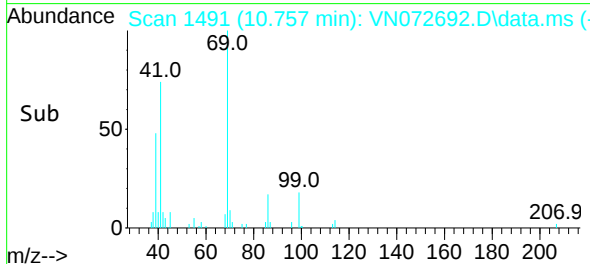
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2022



Tgt Ion: 69 Resp: 3050
Ion Ratio Lower Upper
69 100
41 74.1 33.0 98.9
39 48.1 25.4 76.4

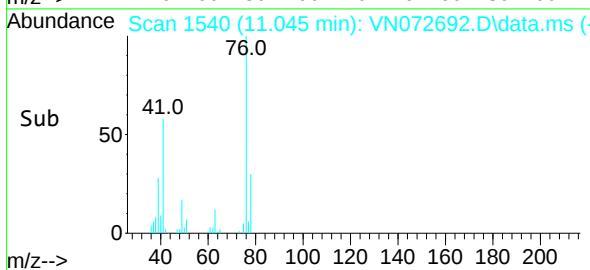
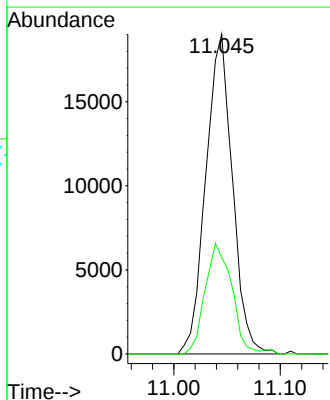
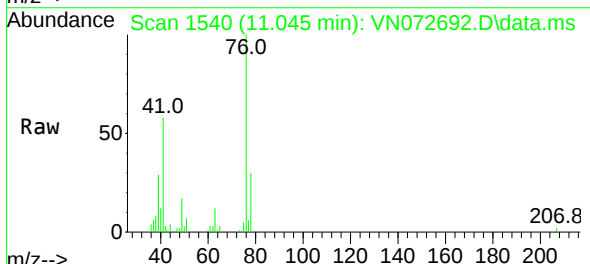
Manual Integrations
APPROVED

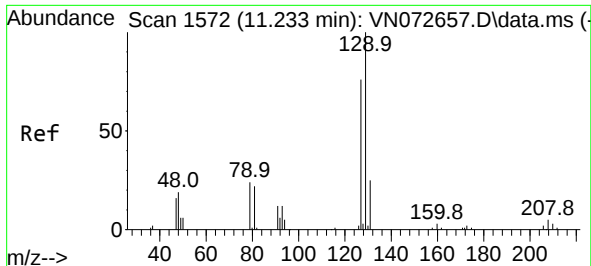
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#52
1,3-Dichloropropane
Concen: 5.330 ug/l
RT: 11.045 min Scan# 1540
Delta R.T. 0.006 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55

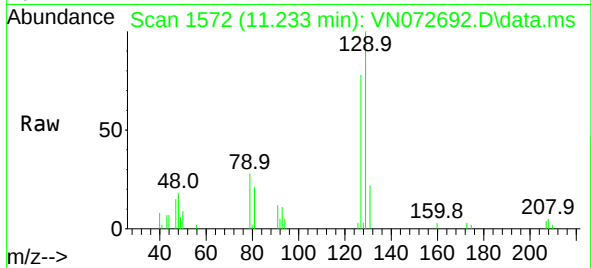
Tgt Ion: 76 Resp: 33012
Ion Ratio Lower Upper
76 100
78 34.5 0.0 65.4





#53
Dibromochloromethane
Concen: 4.763 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55

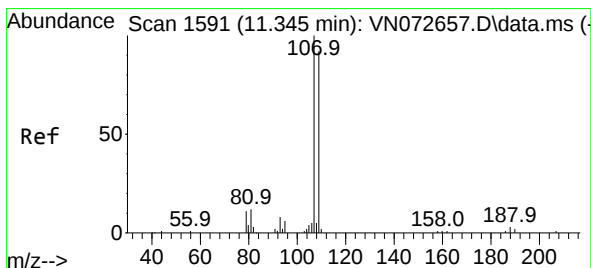
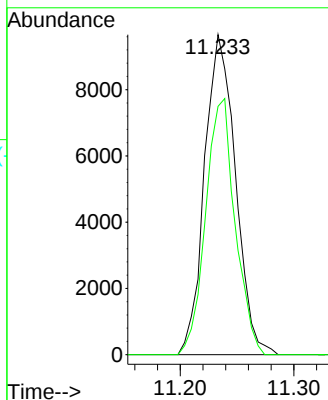
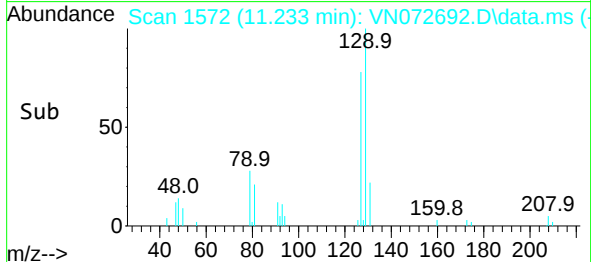
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2022



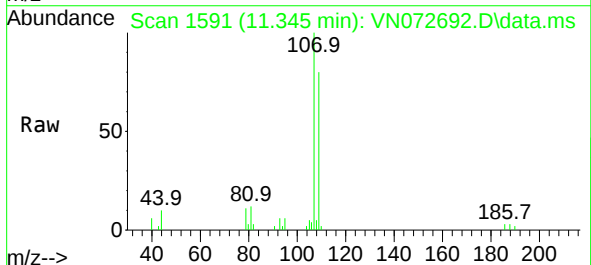
Tgt Ion:129 Resp: 1829
Ion Ratio Lower Upper
129 100
127 76.2 39.0 117.0

Manual Integrations
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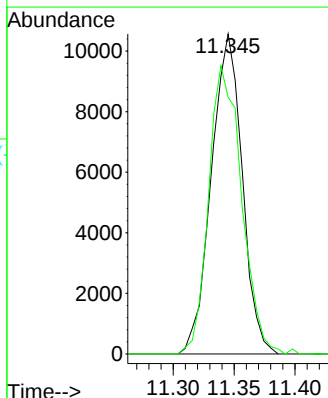
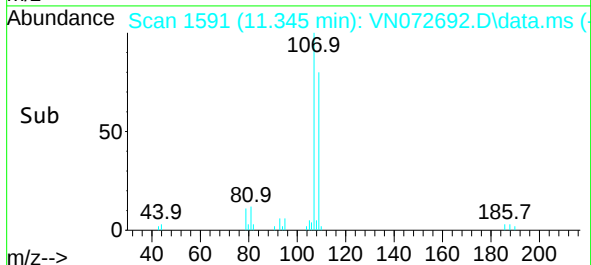
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

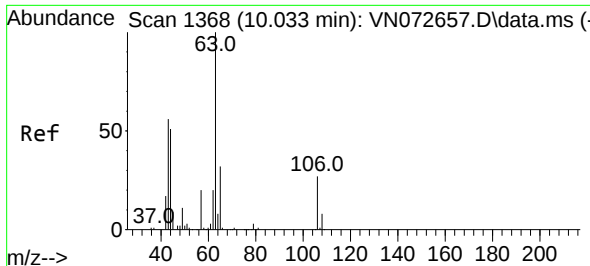


#54
1,2-Dibromoethane
Concen: 5.094 ug/l
RT: 11.345 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55



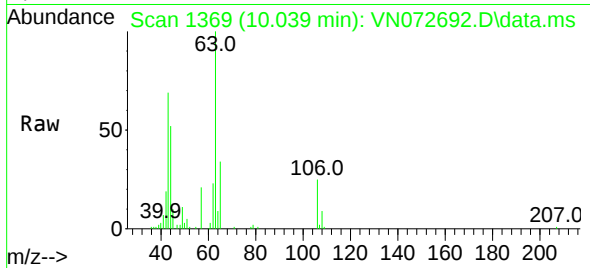
Tgt Ion:107 Resp: 18641
Ion Ratio Lower Upper
107 100
109 95.8 72.8 109.2





#55
2-Chloroethyl vinyl ether
Concen: 22.767 ug/l
RT: 10.039 min Scan# 1368
Delta R.T. 0.006 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55

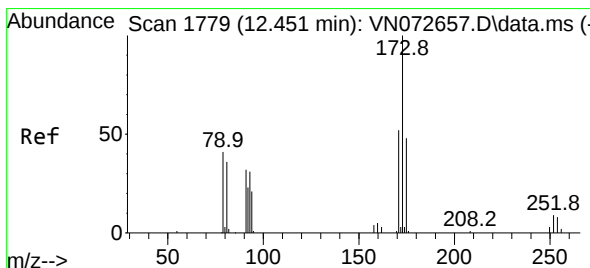
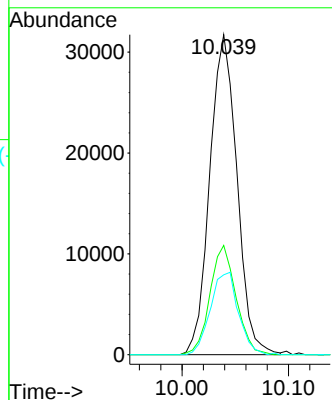
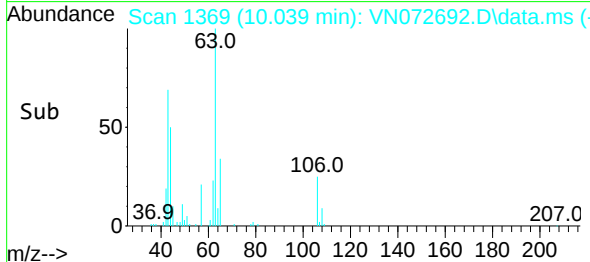
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2022



Tgt Ion: 63 Resp: 56214
Ion Ratio Lower Upper
63 100
65 32.8 25.4 38.0
106 26.4 23.2 34.8

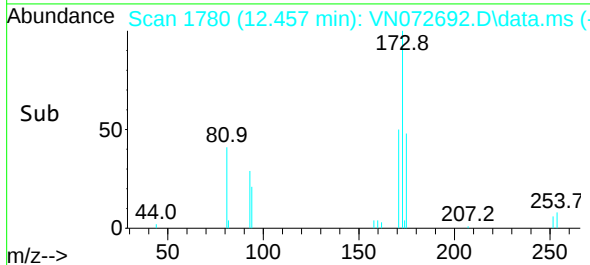
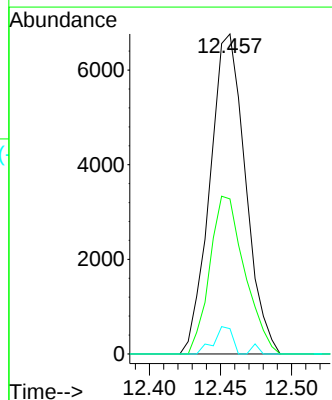
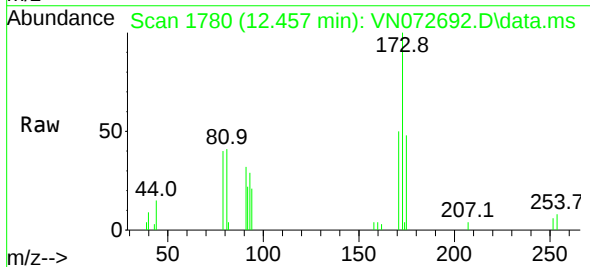
Manual Integrations
APPROVED

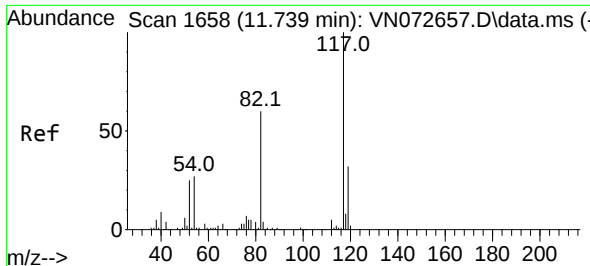
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#56
Bromoform
Concen: 4.390 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55

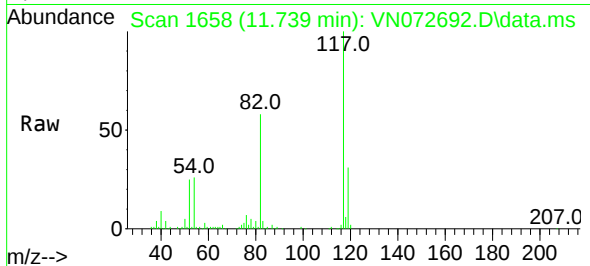
Tgt Ion:173 Resp: 11747
Ion Ratio Lower Upper
173 100
175 48.5 38.6 58.0
254 4.5 0.0 0.0#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55

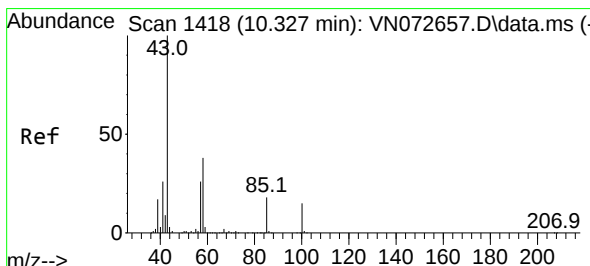
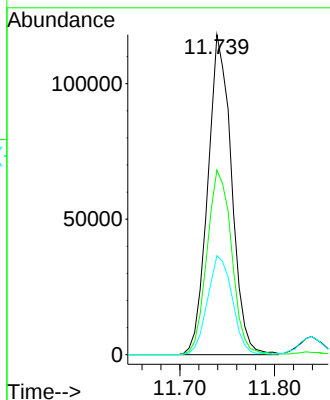
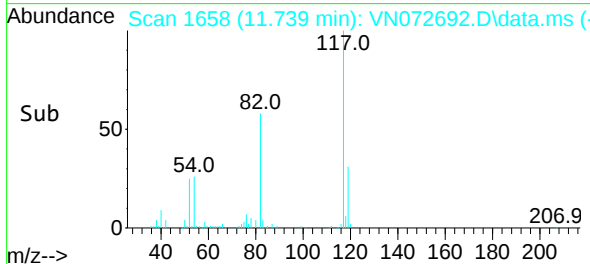
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 117 Resp: 205598
Ion Ratio Lower Upper
117 100
82 60.0 43.6 65.4
119 32.3 25.8 38.6

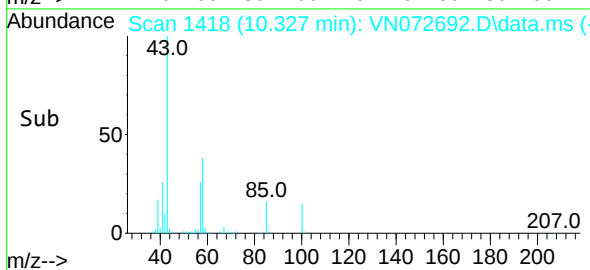
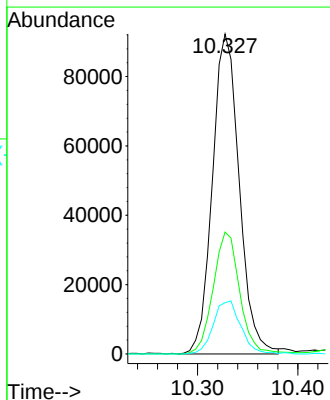
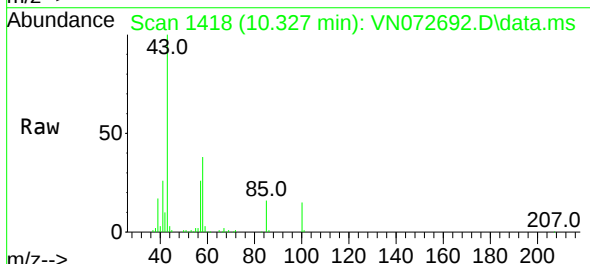
Manual Integrations
APPROVED

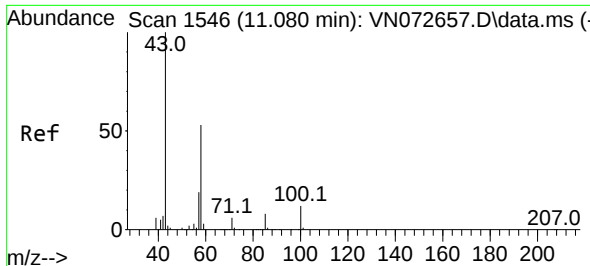
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#58
4-Methyl-2-Pentanone
Concen: 27.810 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55

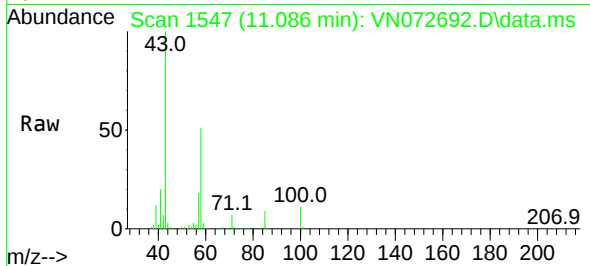
Tgt Ion: 43 Resp: 171493
Ion Ratio Lower Upper
43 100
58 37.7 30.0 45.0
85 16.9 15.0 22.6





#59
2-Hexanone
Concen: 27.368 ug/l
RT: 11.086 min Scan# 11086
Delta R.T. 0.006 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55

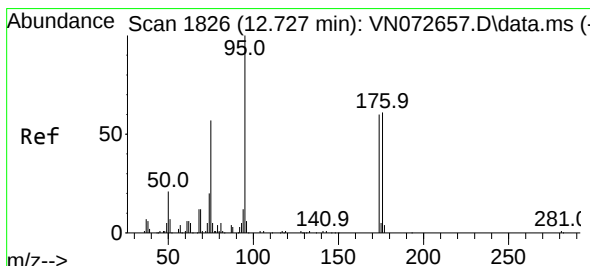
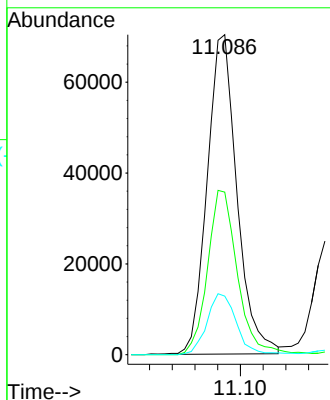
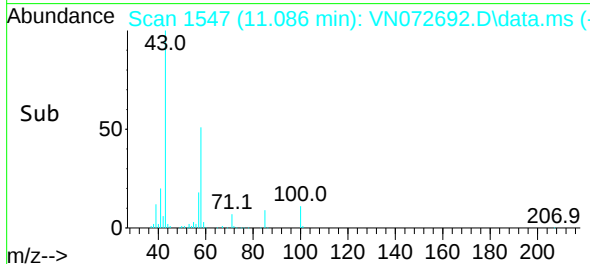
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 43 Resp: 12795
Ion Ratio Lower Upper
43 100
58 51.5 42.2 63.2
57 18.7 15.0 22.4

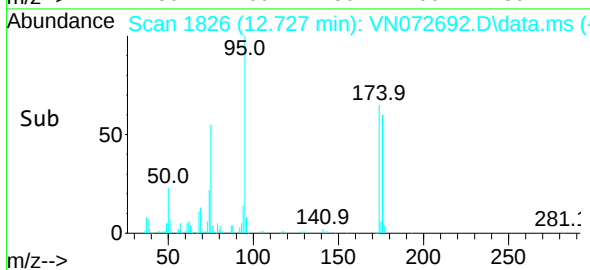
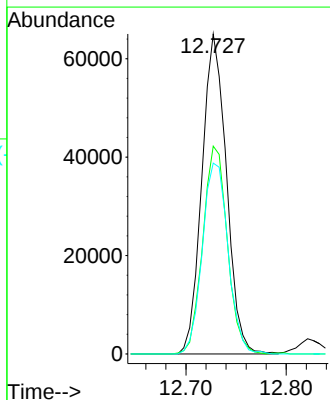
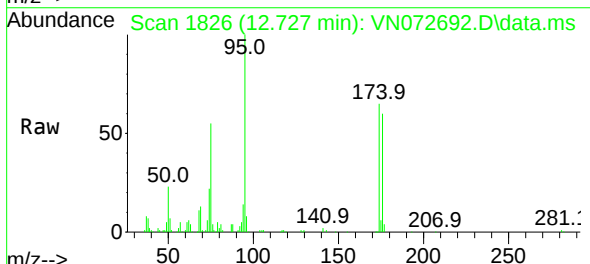
Manual Integrations
APPROVED

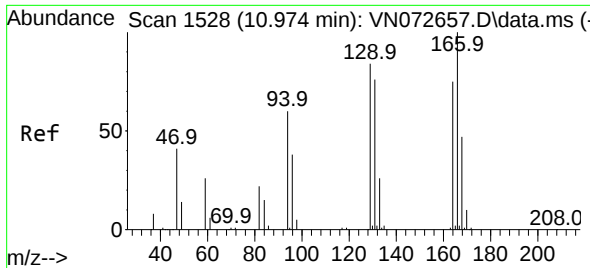
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#60
4-Bromofluorobenzene
Concen: 26.150 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55

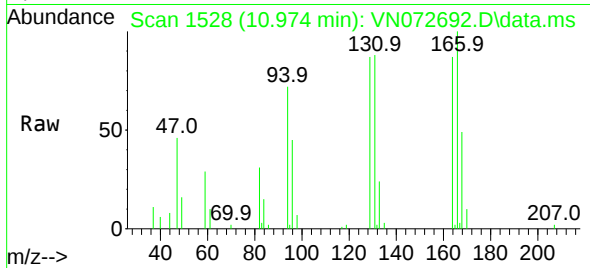
Tgt Ion: 95 Resp: 110580
Ion Ratio Lower Upper
95 100
174 64.9 62.9 94.3
176 62.7 61.0 91.4





#61
Tetrachloroethene
Concen: 5.588 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55

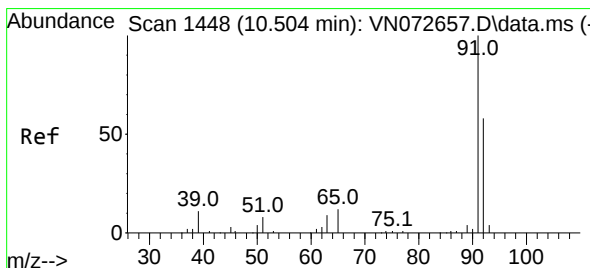
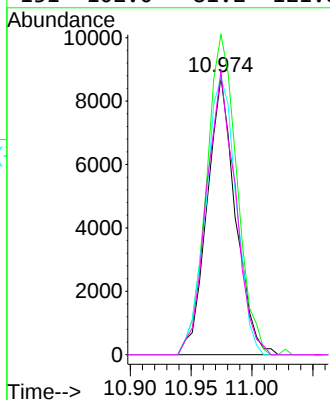
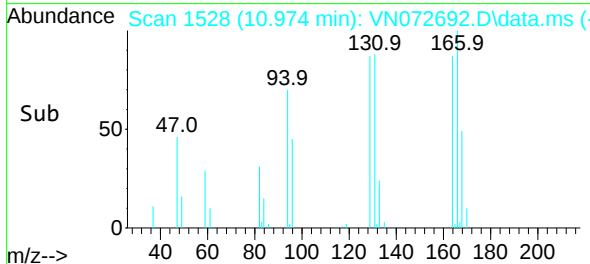
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:164 Resp: 14219
Ion Ratio Lower Upper
164 100
166 115.3 105.8 158.8
129 100.1 82.5 123.7
131 102.0 81.2 121.8

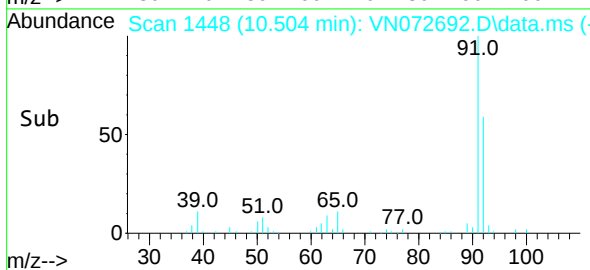
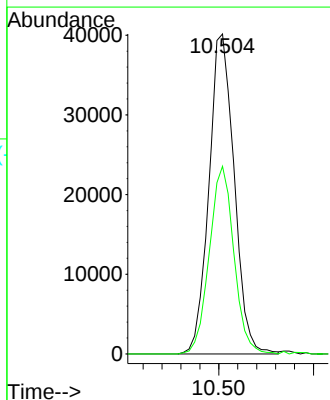
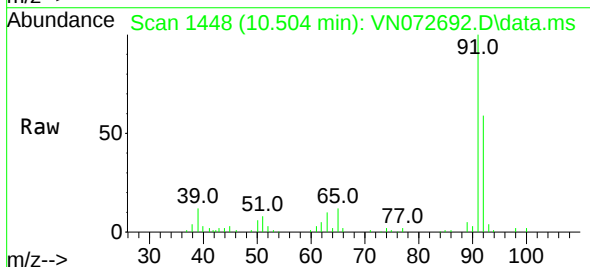
Manual Integrations
APPROVED

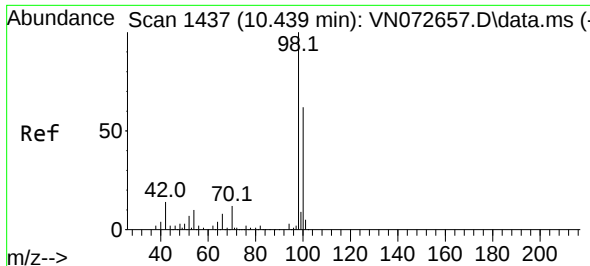
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#62
Toluene
Concen: 5.331 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55

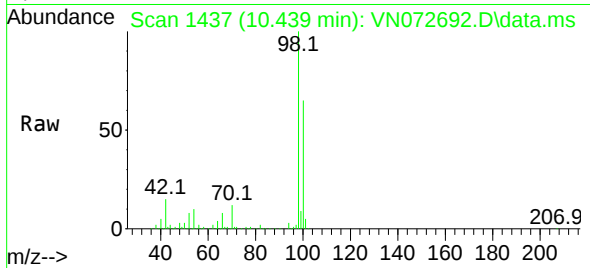
Tgt Ion: 91 Resp: 74317
Ion Ratio Lower Upper
91 100
92 57.1 44.6 67.0





#63
Toluene-d8
Concen: 30.933 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55

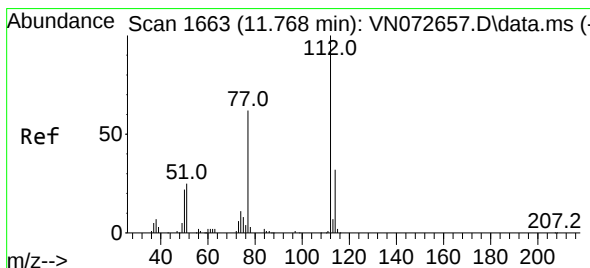
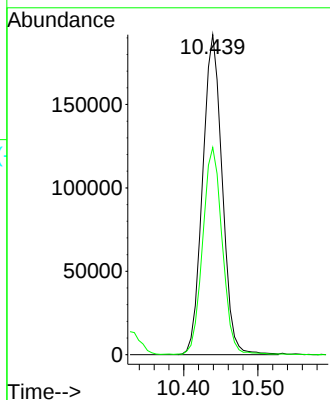
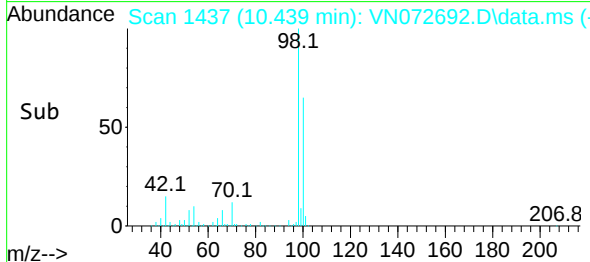
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 98 Resp: 35230
Ion Ratio Lower Upper
98 100
100 64.8 50.6 76.0

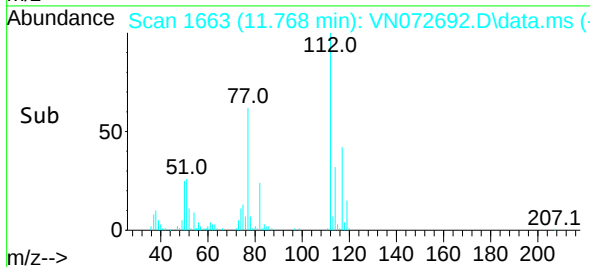
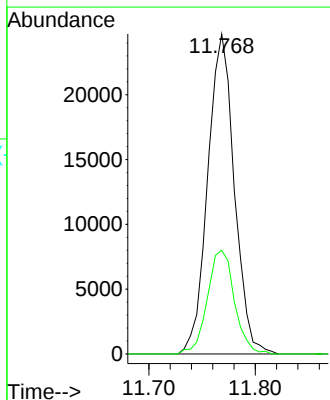
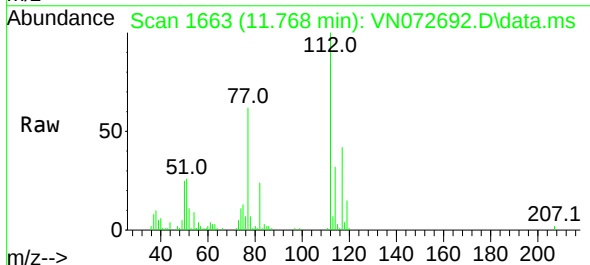
Manual Integrations
APPROVED

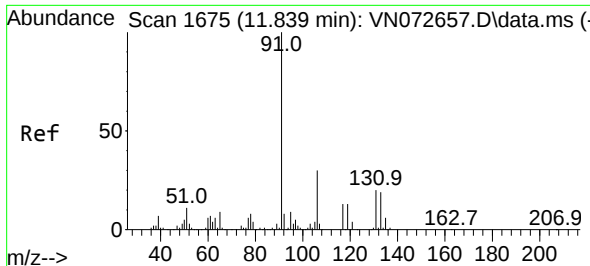
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#64
Chlorobenzene
Concen: 5.045 ug/l
RT: 11.768 min Scan# 1663
Delta R.T. 0.000 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55

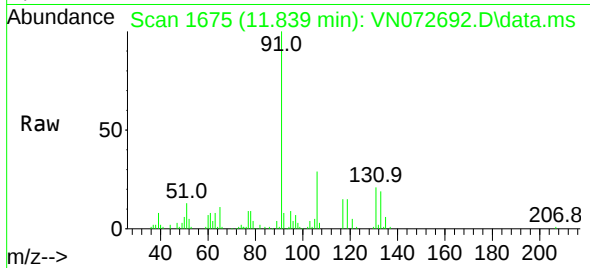
Tgt Ion:112 Resp: 42816
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 5.118 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55

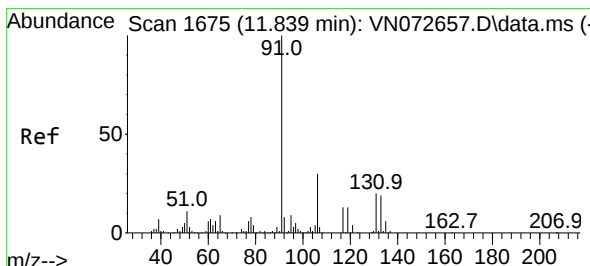
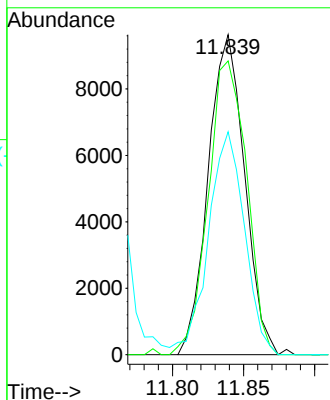
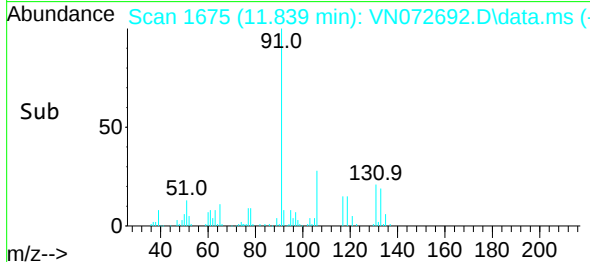
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



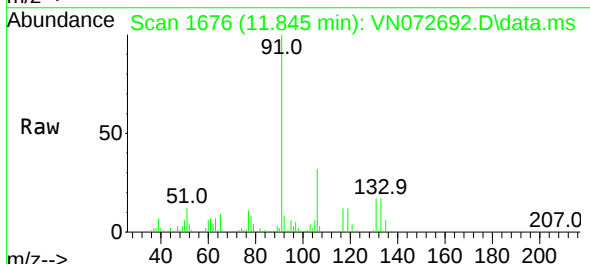
Tgt Ion:131 Resp: 1712
Ion Ratio Lower Upper
131 100
133 97.1 0.0 191.2
119 69.2 0.0 128.8

Manual Integrations
APPROVED

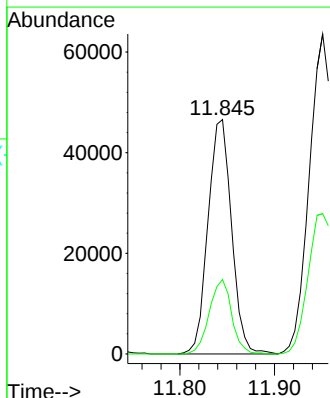
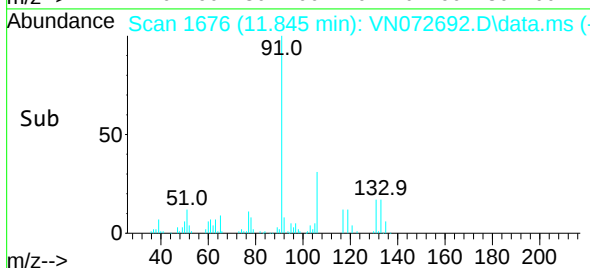
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

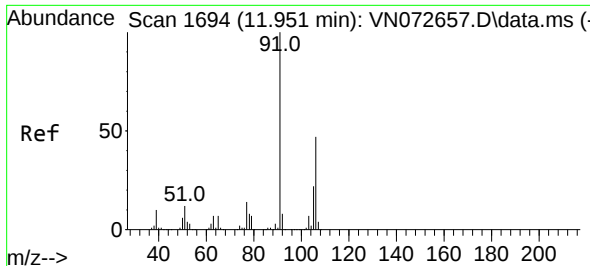


#66
Ethyl Benzene
Concen: 5.033 ug/l
RT: 11.845 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55



Tgt Ion: 91 Resp: 80560
Ion Ratio Lower Upper
91 100
106 31.8 24.0 36.0





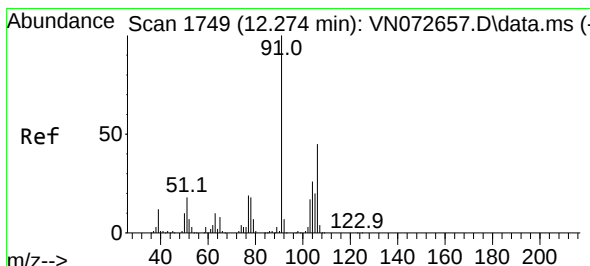
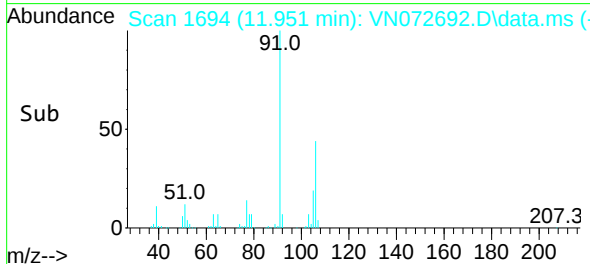
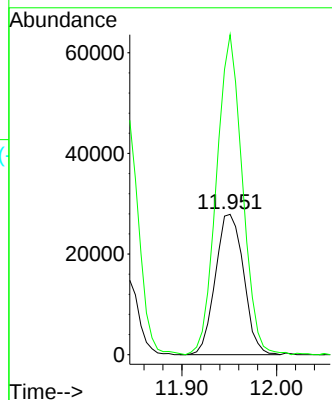
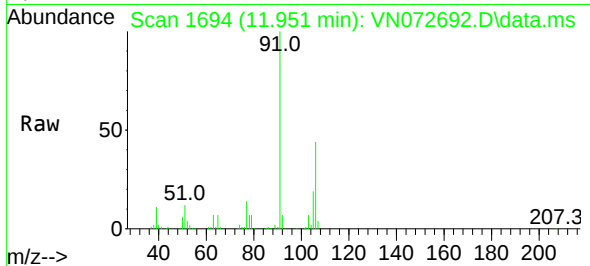
#67
m/p-Xylenes
Concen: 9.897 ug/l
RT: 11.951 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55

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

Tgt Ion:106 Resp: 5777
Ion Ratio Lower Upper
106 100
91 209.4 162.9 244.3

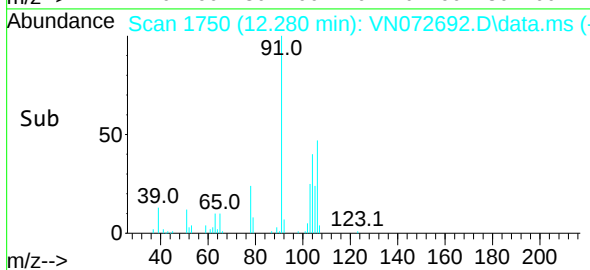
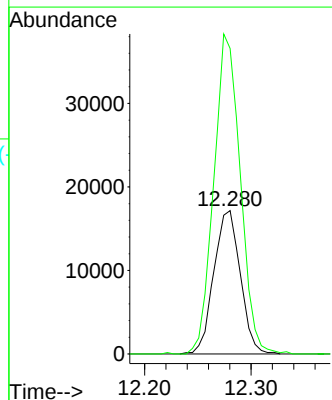
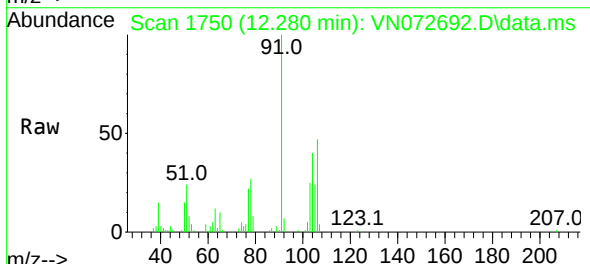
Manual Integrations
APPROVED

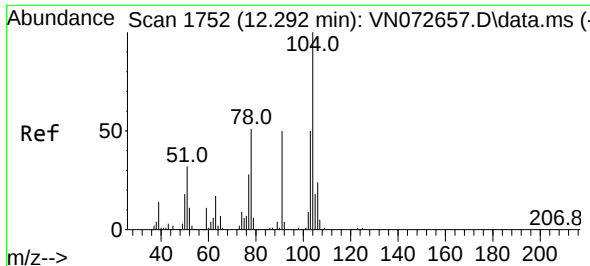
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#68
o-Xylene
Concen: 4.975 ug/l
RT: 12.280 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55

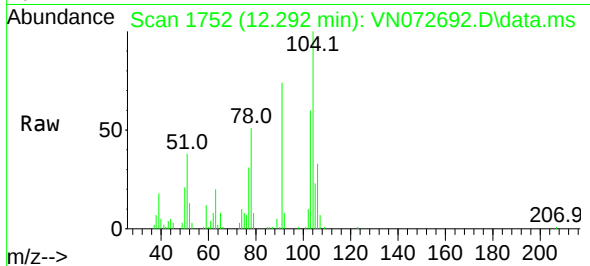
Tgt Ion:106 Resp: 29626
Ion Ratio Lower Upper
106 100
91 222.9 107.7 323.1





#69
Styrene
Concen: 4.505 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55

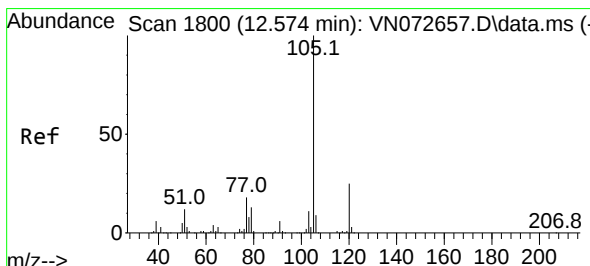
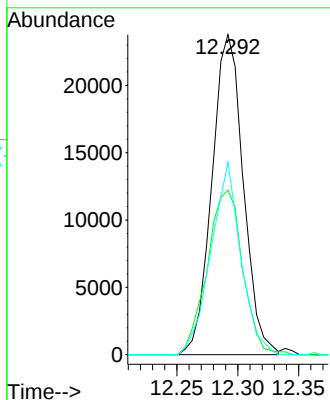
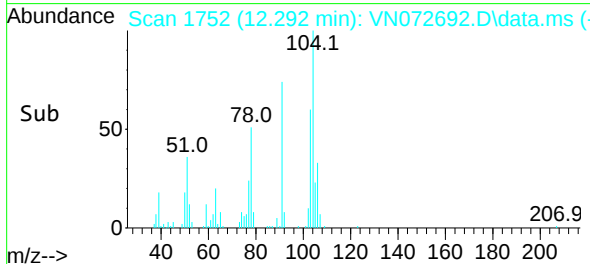
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2022



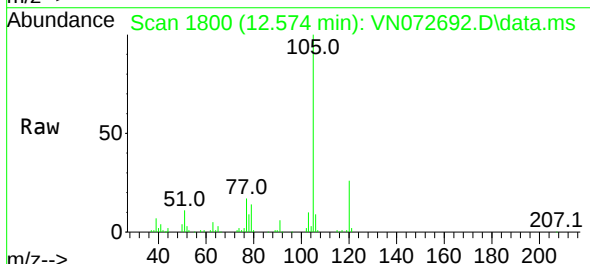
Tgt Ion:104 Resp: 42588
Ion Ratio Lower Upper
104 100
78 58.0 40.7 61.1
103 57.5 45.8 68.8

Manual Integrations
APPROVED

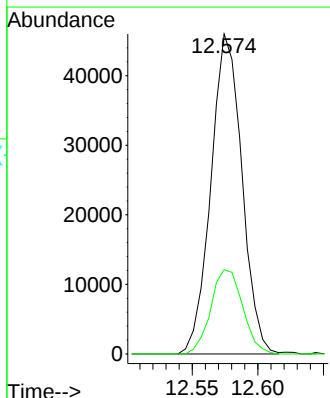
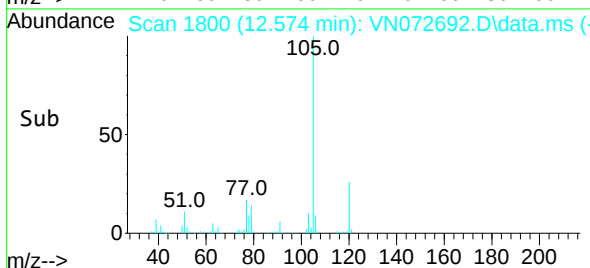
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

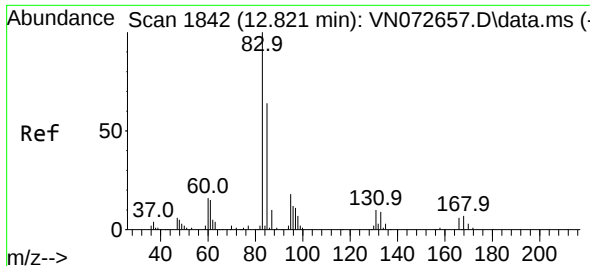


#70
Isopropylbenzene
Concen: 4.854 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55



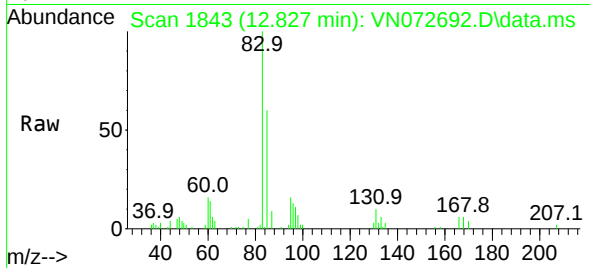
Tgt Ion:105 Resp: 75532
Ion Ratio Lower Upper
105 100
120 27.1 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 5.332 ug/l
RT: 12.827 min Scan# 1843
Delta R.T. 0.006 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55

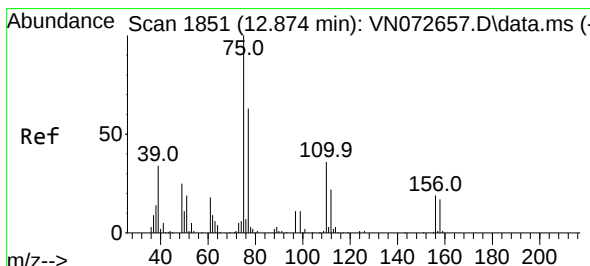
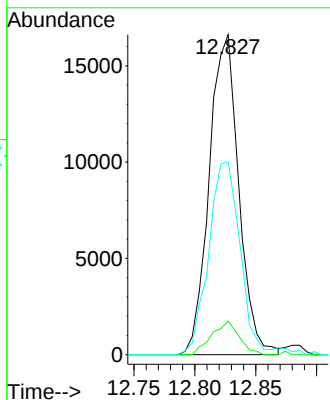
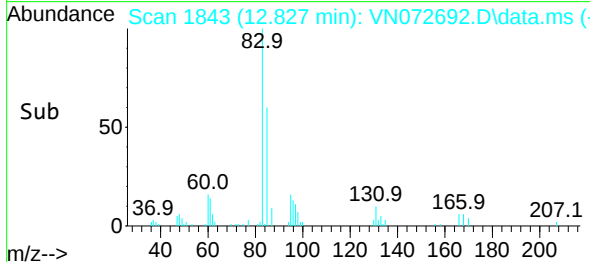
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2022



Tgt Ion: 83 Resp: 2808
Ion Ratio Lower Upper
83 100
131 9.7 5.1 15.3
85 63.7 33.1 99.2

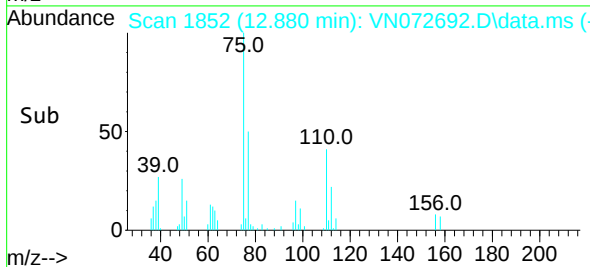
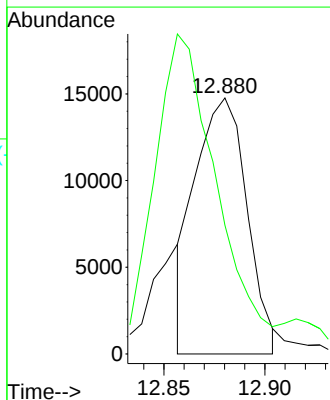
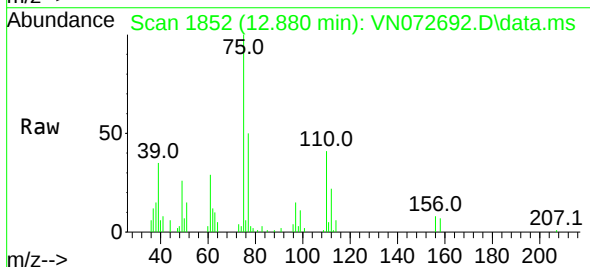
Manual Integrations
APPROVED

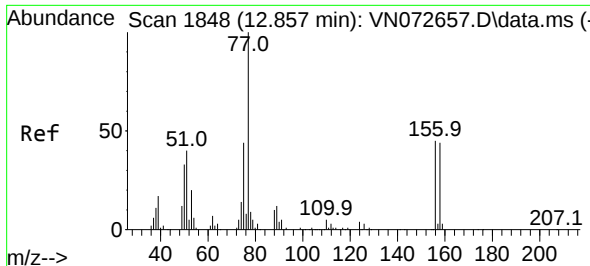
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#72
1,2,3-Trichloropropane
Concen: 5.741 ug/l m
RT: 12.880 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55

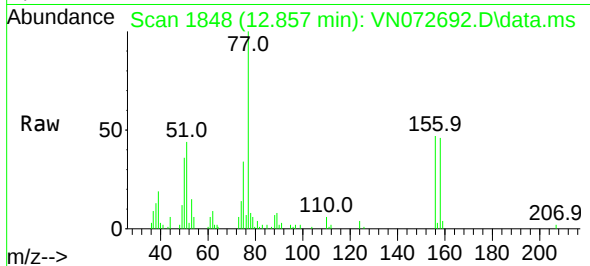
Tgt Ion: 75 Resp: 26393
Ion Ratio Lower Upper
75 100
77 151.5 0.0 378.0





#73
Bromobenzene
Concen: 4.510 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55

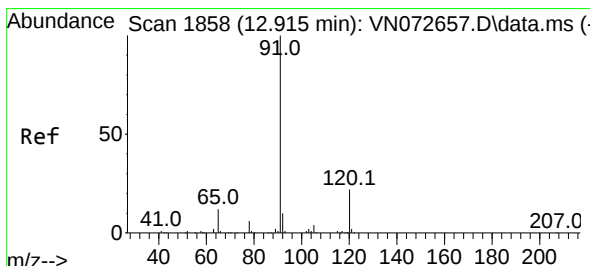
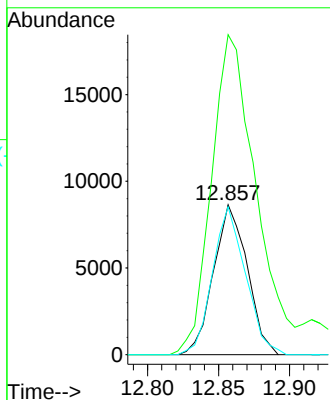
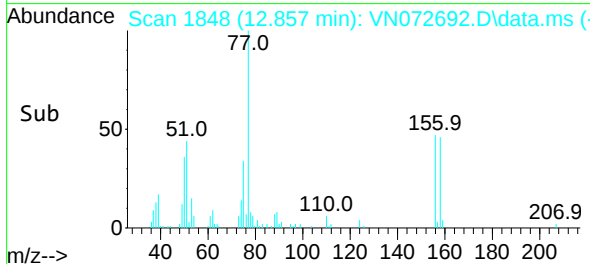
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



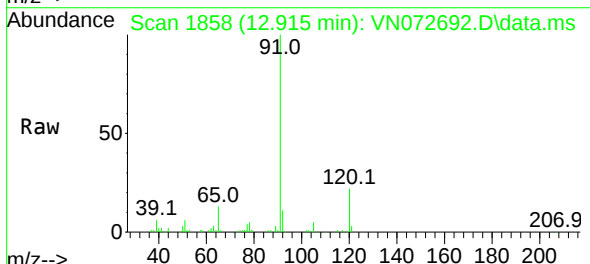
Tgt Ion:156 Resp: 14268
Ion Ratio Lower Upper
156 100
77 280.2 0.0 416.0
158 96.6 0.0 195.4

Manual Integrations
APPROVED

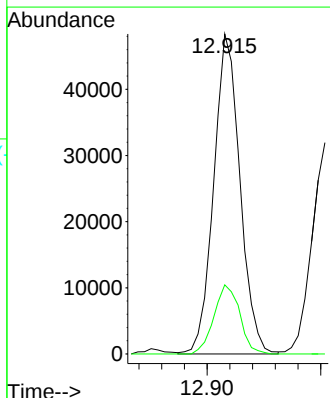
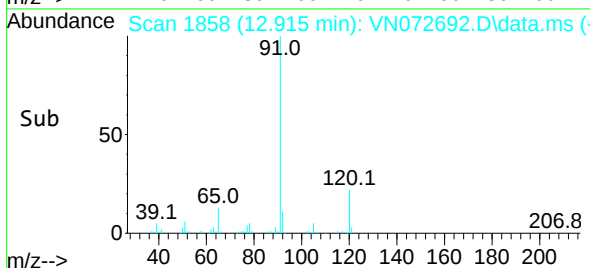
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

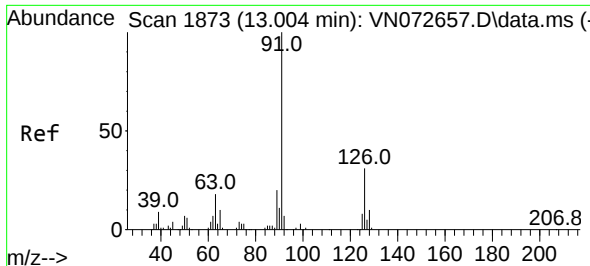


#74
n-propylbenzene
Concen: 4.362 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55



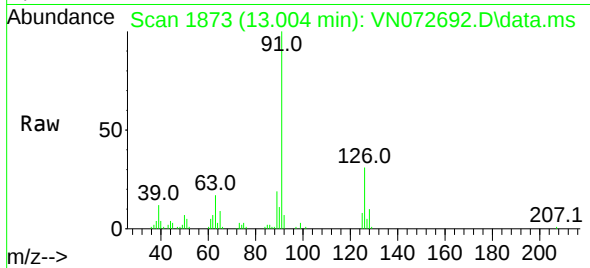
Tgt Ion: 91 Resp: 77683
Ion Ratio Lower Upper
91 100
120 21.2 0.0 45.0





#75
2-Chlorotoluene
Concen: 4.740 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55

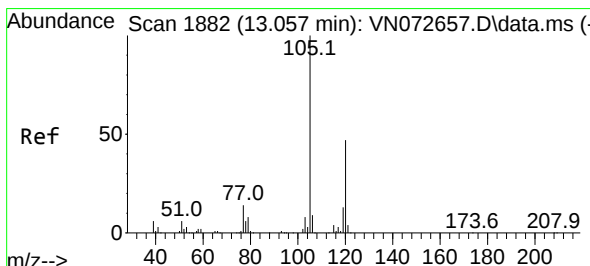
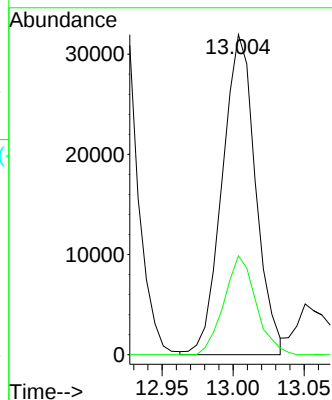
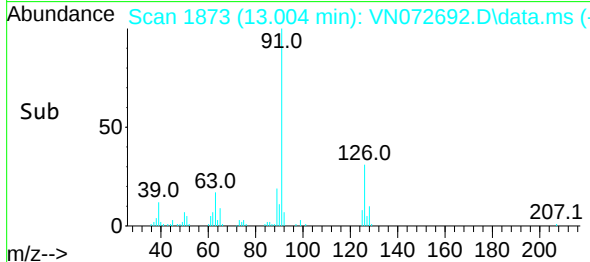
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



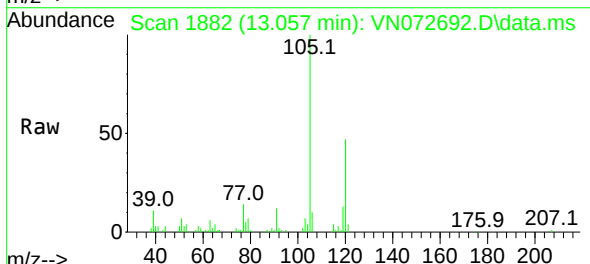
Tgt Ion: 91 Resp: 5232
Ion Ratio Lower Upper
91 100
126 29.6 0.0 69.8

Manual Integrations
APPROVED

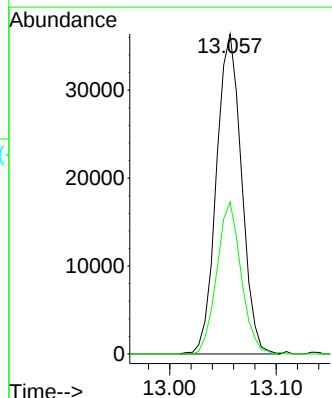
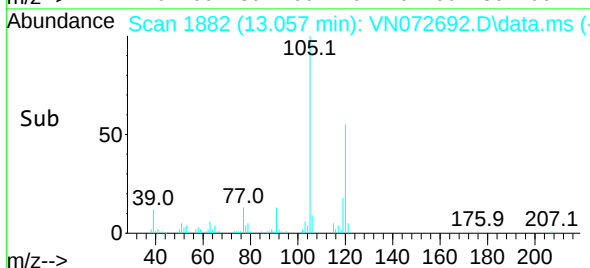
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

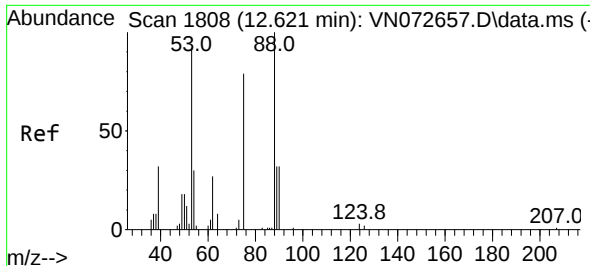


#76
1,3,5-Trimethylbenzene
Concen: 4.659 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55



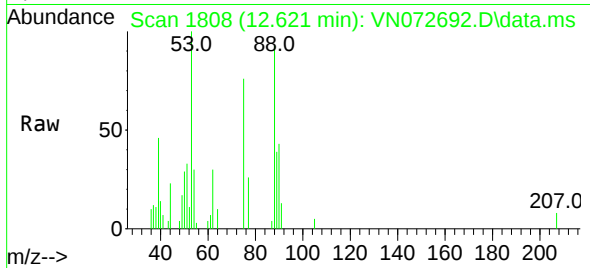
Tgt Ion:105 Resp: 59504
Ion Ratio Lower Upper
105 100
120 45.8 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 3.221 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55

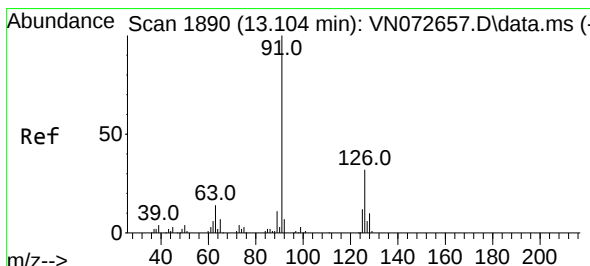
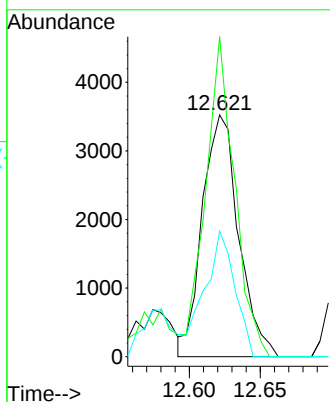
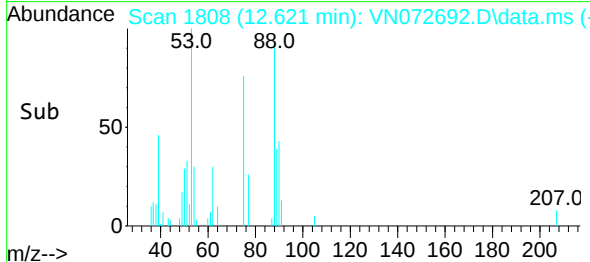
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 75 Resp: 624
Ion Ratio Lower Upper
75 100
53 132.4 51.8 155.5
89 51.8 22.9 68.7

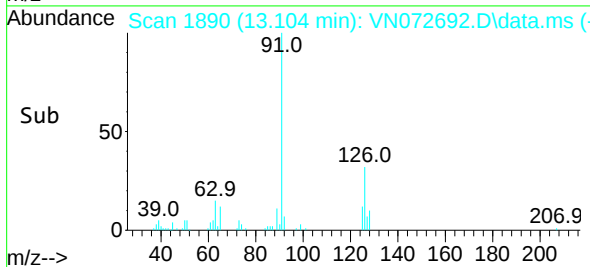
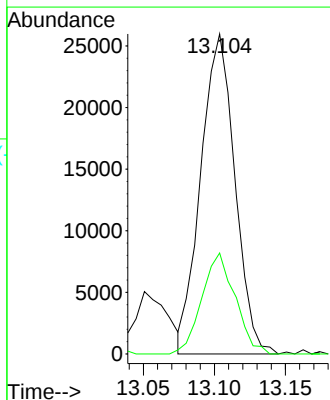
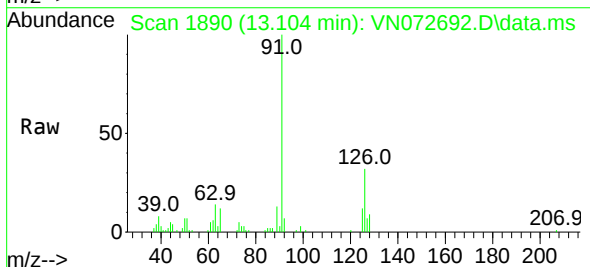
Manual Integrations
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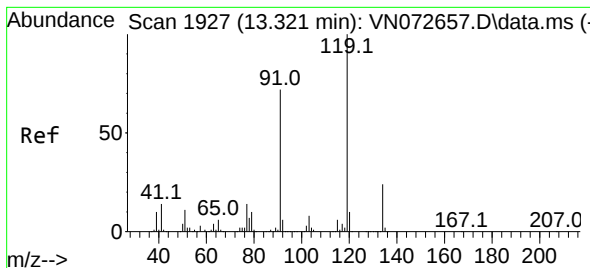
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#78
4-Chlorotoluene
Concen: 4.163 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55

Tgt Ion: 91 Resp: 43406
Ion Ratio Lower Upper
91 100
126 30.9 0.0 70.6





#79

tert-butylbenzene

Concen: 4.614 ug/l

RT: 13.321 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VN072692.D

Acq: 07 Jun 2022 16:55

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2022

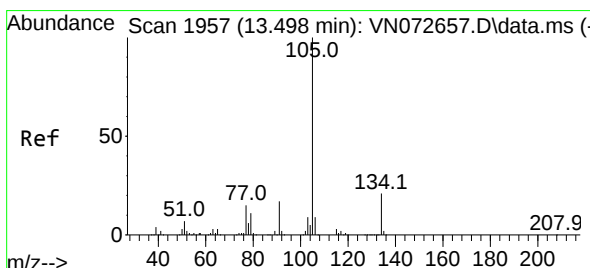
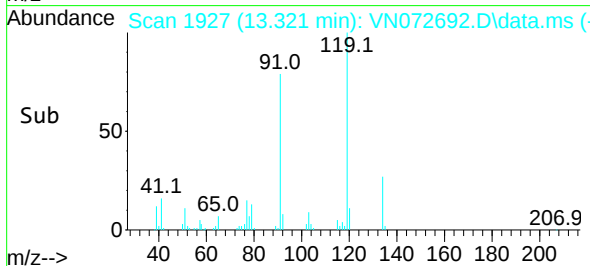
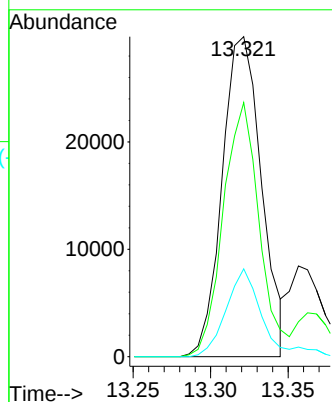
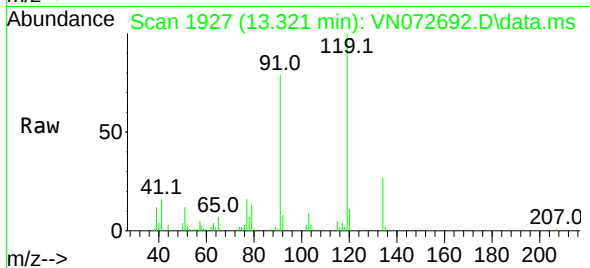
Tgt Ion:	119	Resp:	5261
Ion Ratio	Lower	Upper	
119	100		
91	72.8	0.0	137.0
134	23.7	0.0	47.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/08/2022

Supervised By :Mahesh Dadoda 06/08/2022



#80

1,2,4-Trimethylbenzene

Concen: 4.385 ug/l

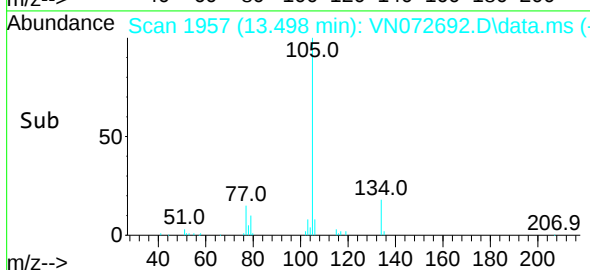
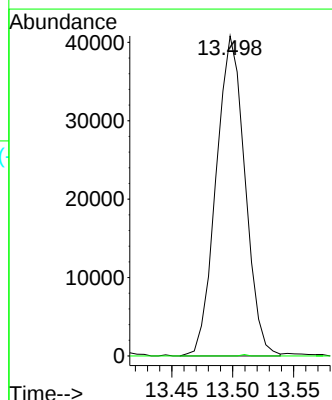
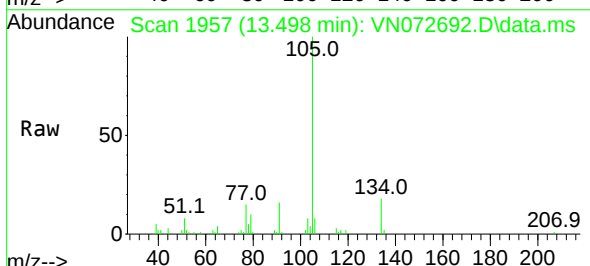
RT: 13.498 min Scan# 1957

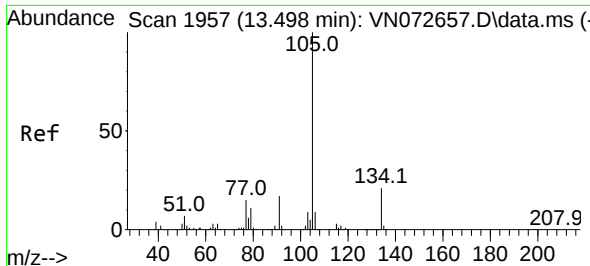
Delta R.T. 0.000 min

Lab File: VN072692.D

Acq: 07 Jun 2022 16:55

Tgt Ion:	105	Resp:	67527
Ion Ratio	Lower	Upper	
105	100		
120	0.0	0.0	0.2





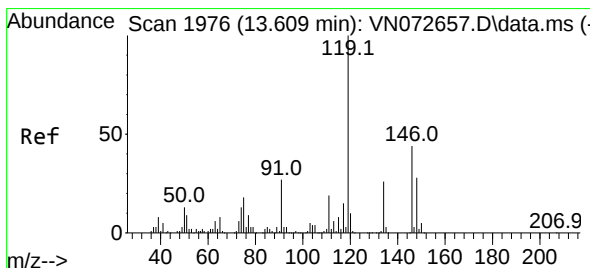
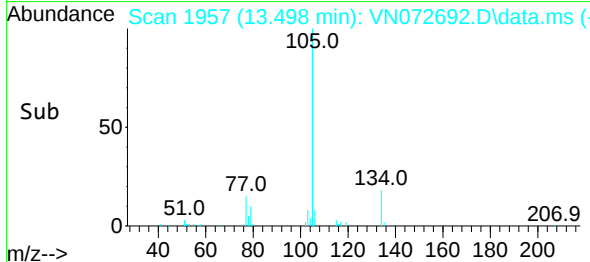
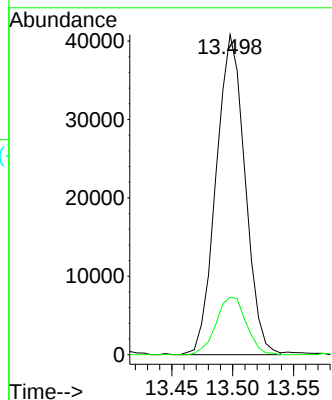
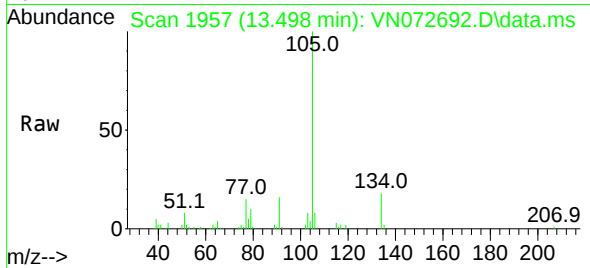
#81
 sec-Butylbenzene
 Concen: 4.385 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN072692.D
 Acq: 07 Jun 2022 16:55

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

Tgt Ion:105 Resp: 6752
 Ion Ratio Lower Upper
 105 100
 134 18.7 0.0 39.4

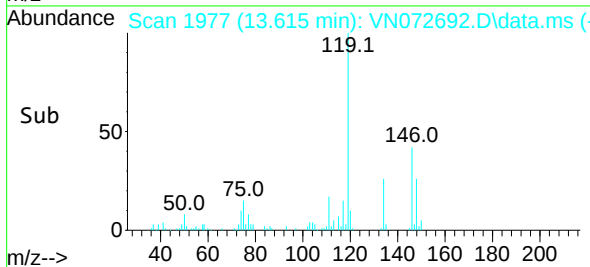
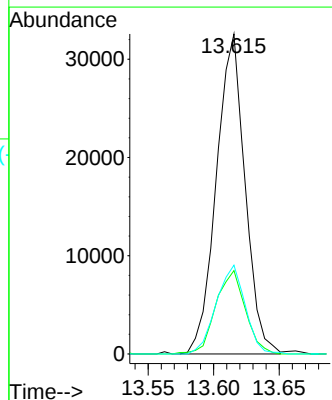
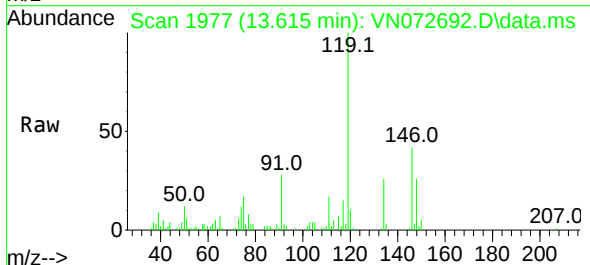
Manual Integrations
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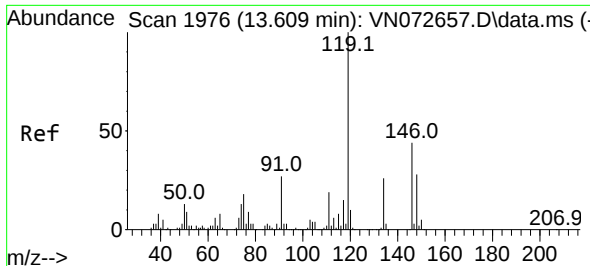
Reviewed By :John Carlone 06/08/2022
 Supervised By :Mahesh Dadoda 06/08/2022



#82
 p-Isopropyltoluene
 Concen: 4.030 ug/l
 RT: 13.615 min Scan# 1977
 Delta R.T. 0.006 min
 Lab File: VN072692.D
 Acq: 07 Jun 2022 16:55

Tgt Ion:119 Resp: 49550
 Ion Ratio Lower Upper
 119 100
 134 26.8 0.0 51.8
 91 28.0 0.0 50.4





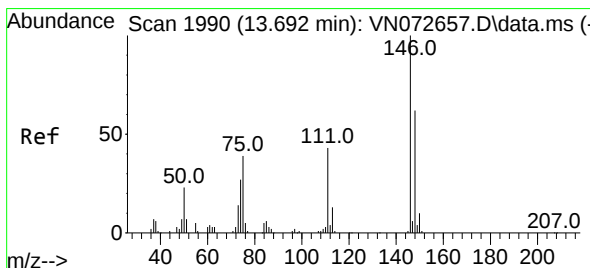
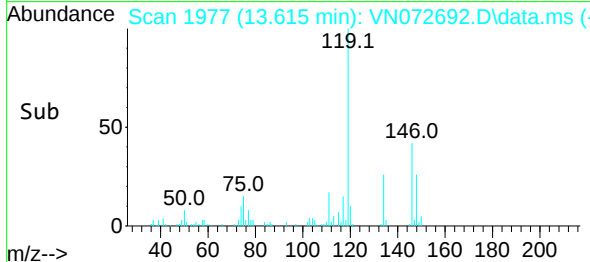
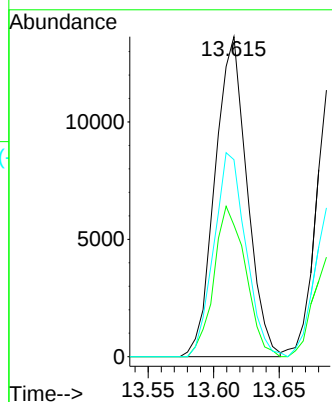
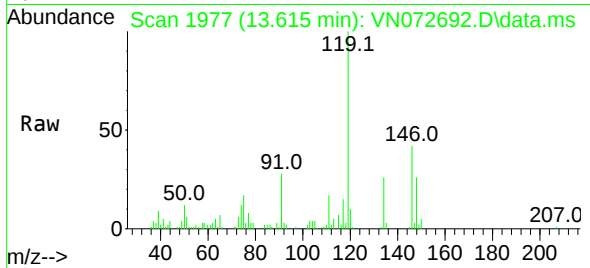
#83
1,3-Dichlorobenzene
Concen: 4.174 ug/l
RT: 13.615 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55

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

Tgt Ion:146 Resp: 23110
Ion Ratio Lower Upper
146 100
111 46.6 20.8 62.2
148 63.6 31.4 94.3

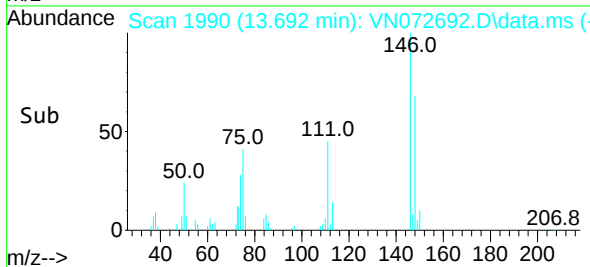
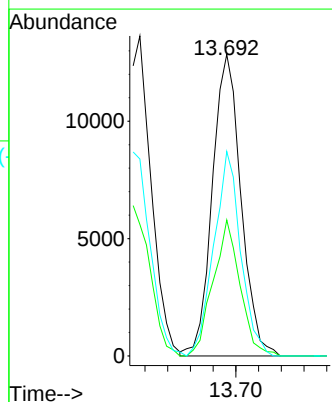
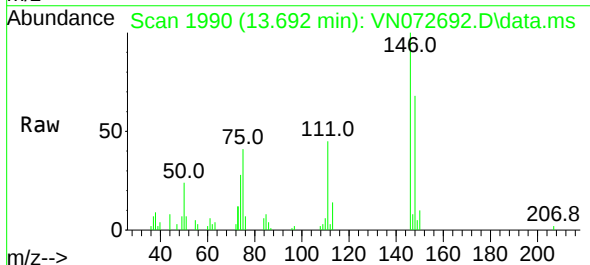
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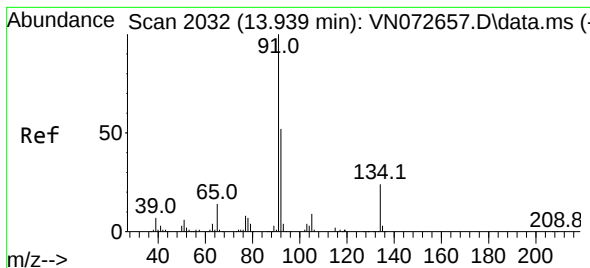
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#84
1,4-Dichlorobenzene
Concen: 4.178 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55

Tgt Ion:146 Resp: 22466
Ion Ratio Lower Upper
146 100
111 42.4 19.5 58.5
148 63.6 31.1 93.5





#85

n-Butylbenzene

Concen: 3.743 ug/l

RT: 13.939 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VN072692.D

Acq: 07 Jun 2022 16:55

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2022

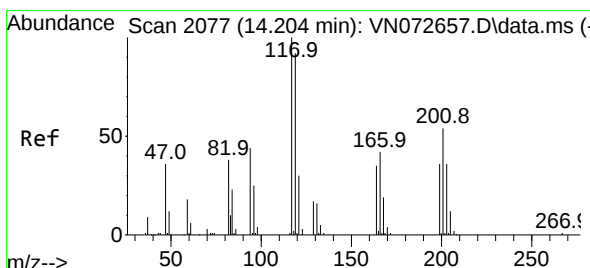
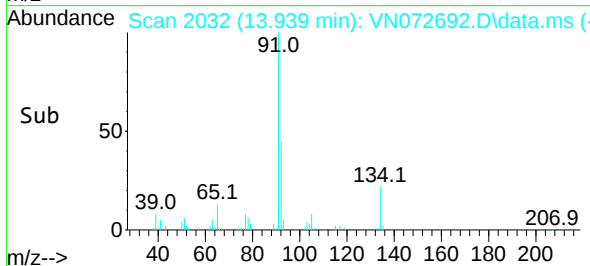
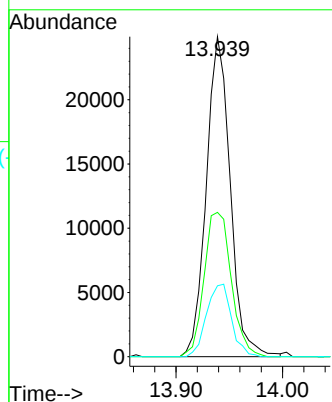
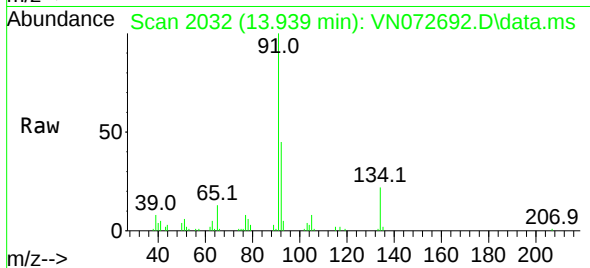
Tgt Ion:	91	Resp:	3902
Ion Ratio	Lower	Upper	
91	100		
92	51.2	0.0	100.6
134	23.6	0.0	50.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/08/2022

Supervised By :Mahesh Dadoda 06/08/2022



#86

Hexachloroethane

Concen: 4.275 ug/l

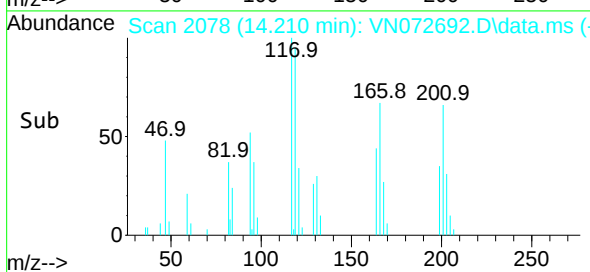
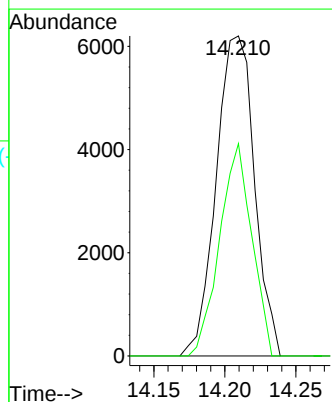
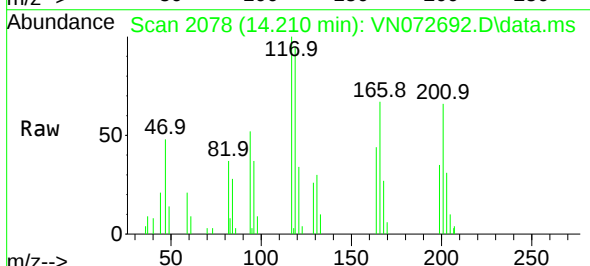
RT: 14.210 min Scan# 2078

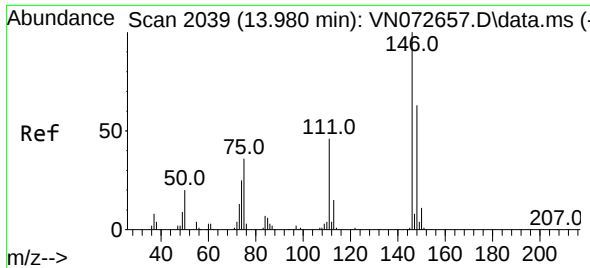
Delta R.T. 0.006 min

Lab File: VN072692.D

Acq: 07 Jun 2022 16:55

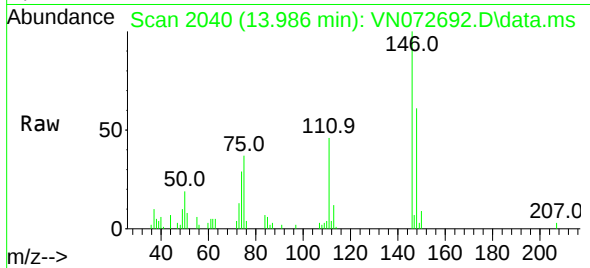
Tgt Ion:	117	Resp:	11631
Ion Ratio	Lower	Upper	
117	100		
201	55.8	33.3	99.8





#87
1,2-Dichlorobenzene
Concen: 4.408 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55

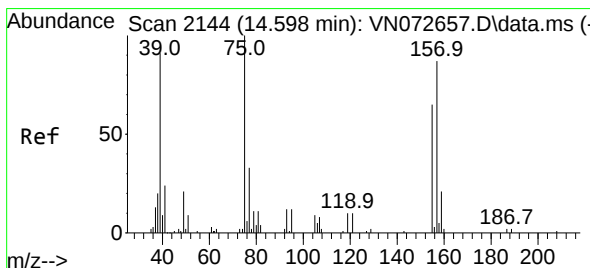
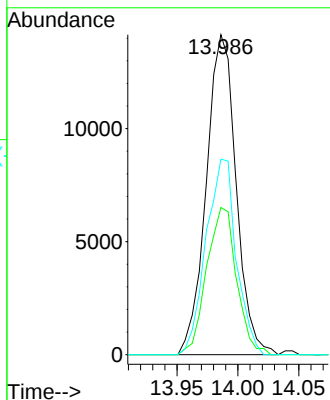
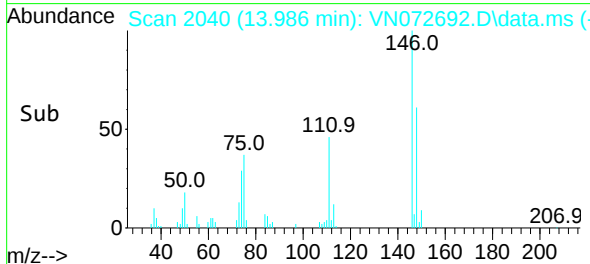
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:146 Resp: 2416
Ion Ratio Lower Upper
146 100
111 46.0 21.4 64.2
148 61.8 32.5 97.4

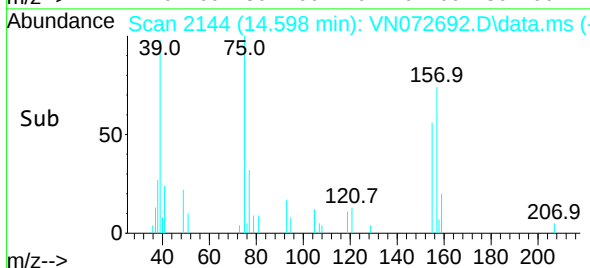
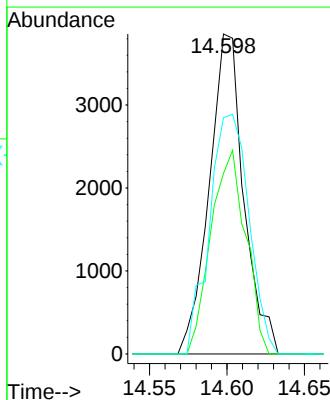
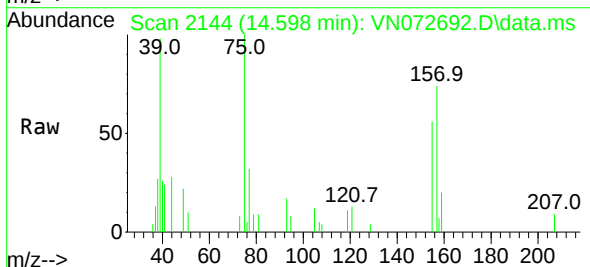
Manual Integrations
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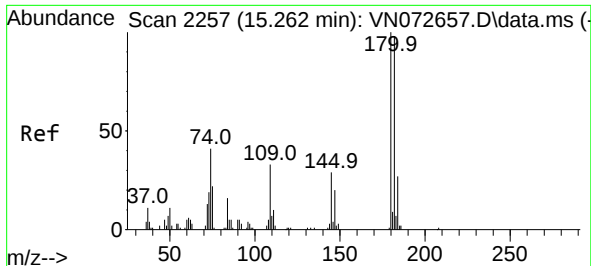
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#88
1,2-Dibromo-3-Chloropropane
Concen: 4.535 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55

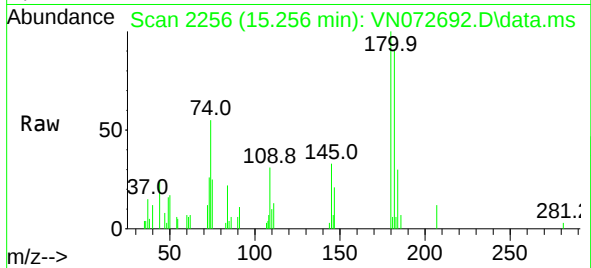
Tgt Ion: 75 Resp: 5990
Ion Ratio Lower Upper
75 100
155 64.0 63.8 95.8
157 85.2 77.9 116.9





#89
1,2,4-Trichlorobenzene
Concen: 3.499 ug/l
RT: 15.256 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55

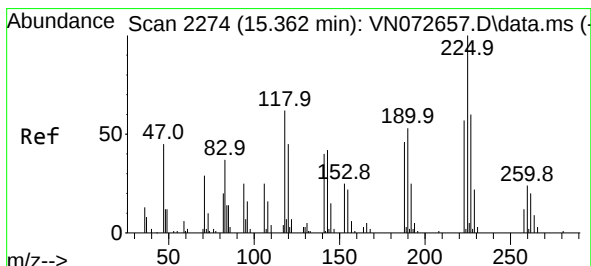
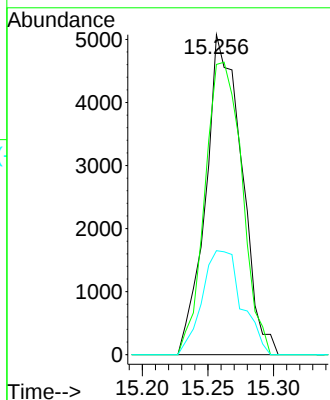
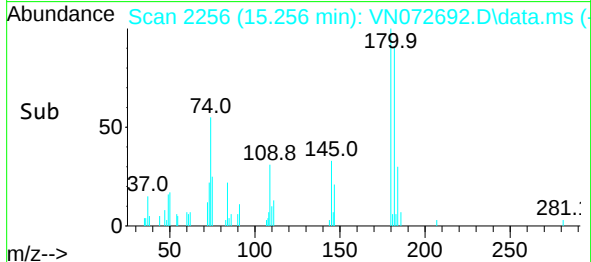
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



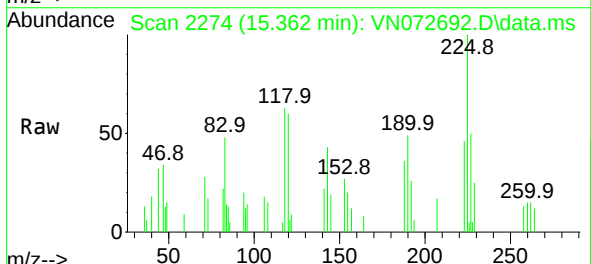
Tgt Ion:180 Resp: 966
Ion Ratio Lower Upper
180 100
182 94.4 77.7 116.5
145 35.8 26.6 39.8

Manual Integrations
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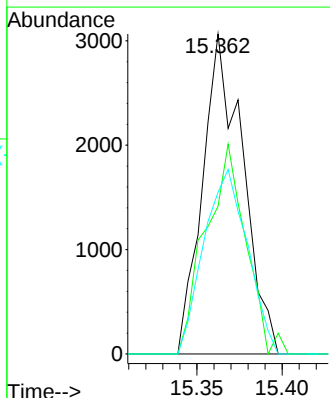
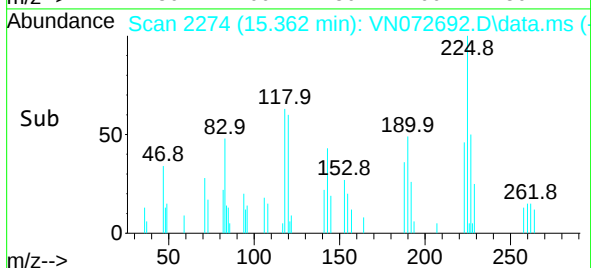
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

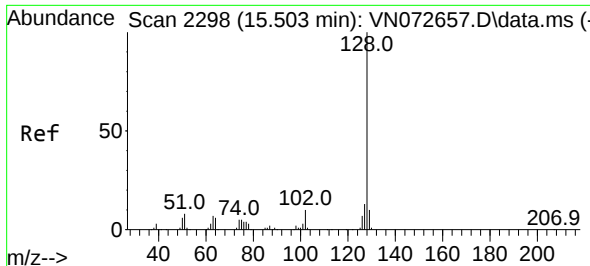


#90
Hexachlorobutadiene
Concen: 4.044 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55



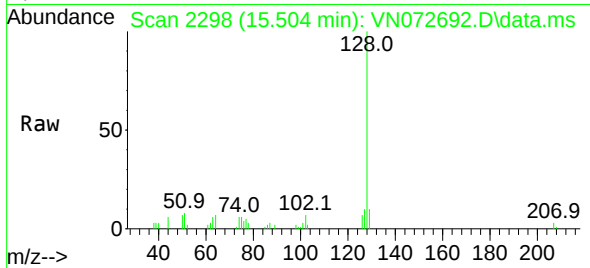
Tgt Ion:225 Resp: 5011
Ion Ratio Lower Upper
225 100
223 64.2 0.0 126.8
227 62.7 0.0 123.0





#91
Naphthalene
Concen: 3.467 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55

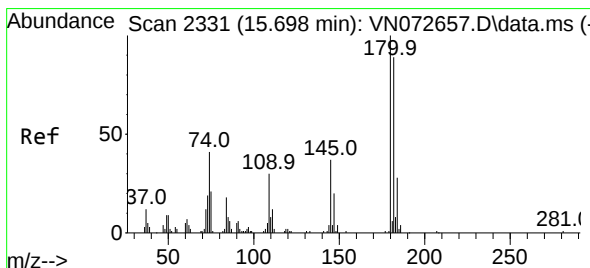
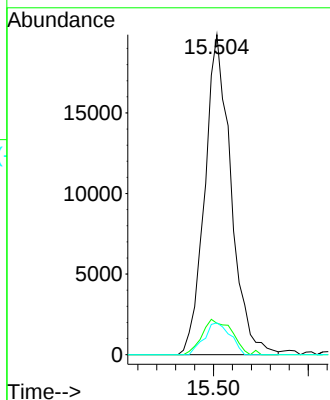
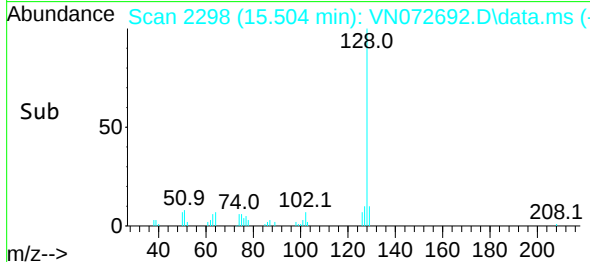
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:128 Resp: 3820
Ion Ratio Lower Upper
128 100
127 12.4 10.7 16.1
129 9.8 9.0 13.6

Manual Integrations
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Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#92
1,2,3-Trichlorobenzene
Concen: 4.002 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.000 min
Lab File: VN072692.D
Acq: 07 Jun 2022 16:55

Tgt Ion:180 Resp: 11245
Ion Ratio Lower Upper
180 100
182 83.3 0.0 190.0
145 33.1 0.0 67.8

