

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060622\
 Data File : VN072668.D
 Acq On : 06 Jun 2022 17:20
 Operator : JC\MD
 Sample : VN0606WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0606WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/07/2022
 Supervised By : Mahesh Dadoda 06/07/2022

Quant Time: Jun 07 06:27:42 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

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

Internal Standards						
1) Bromochloromethane	7.657	128	38749	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	233784	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	210783	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	135351	30.628	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.100%			
60) 4-Bromofluorobenzene	12.727	95	123538	28.496	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 95.000%			
63) Toluene-d8	10.439	98	368321	31.544	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 105.133%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	58251	20.068	ug/l	99
3) Chloromethane	2.293	50	61213	19.393	ug/l	99
4) Vinyl Chloride	2.434	62	57593	20.235	ug/l	99
5) Bromomethane	2.846	94	28346	19.259	ug/l	96
6) Chloroethane	3.010	64	38269	20.166	ug/l	95
7) Trichlorofluoromethane	3.369	101	100974	19.624	ug/l	96
8) Diethyl Ether	3.816	74	41872	20.990	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.204	101	55772	20.576	ug/l	74
10) 1,1-Dichloroethene	4.181	96	52470	20.495	ug/l	90
11) Methyl Iodide	4.416	142	48411	18.887	ug/l	95
12) Methyl Acetate	4.851	43	112429	21.285	ug/l	95
13) Acrolein	4.040	56	47033	101.722	ug/l	100
14) Acrylonitrile	5.551	53	235787	109.511	ug/l	99
15) Acetone	4.281	58	63542	108.999	ug/l	100
16) Carbon Disulfide	4.528	76	120176	18.621	ug/l	100
17) Allyl chloride	4.840	41	115879	20.952	ug/l	94
18) Methylene Chloride	5.092	84	66862	20.799	ug/l	88
19) trans-1,2-Dichloroethene	5.598	96	55818	20.147	ug/l	93
20) Diisopropyl ether	6.492	45	233534	21.322	ug/l	93
21) 1,1-Dichloroethane	6.386	63	125876	20.685	ug/l	99
22) cis-1,2-Dichloroethene	7.328	96	71960	20.736	ug/l	89
23) tert-Butyl Alcohol	5.363	59	116161	115.934	ug/l #	100
24) Methyl tert-Butyl Ether	5.610	73	239740	21.056	ug/l	96
25) Chloroform	7.816	83	129265	20.679	ug/l	99
26) Cyclohexane	8.092	56	100657	19.839	ug/l #	94
29) 1,1-Dichloropropene	8.216	75	86830	19.484	ug/l	96
30) 2-Butanone	7.333	43	352206	109.206	ug/l	94
31) 2,2-Dichloropropane	7.316	77	117934	19.550	ug/l	97
32) 1,1,1-Trichloroethane	8.016	97	115875	19.872	ug/l	95
33) Carbon Tetrachloride	8.204	117	98126	19.514	ug/l	98
34) Benzene	8.457	78	268583	20.371	ug/l	97
35) Methacrylonitrile	7.633	41	69299	21.914	ug/l	92
36) 1,2-Dichloroethane	8.528	62	112037	20.114	ug/l	99
37) Trichloroethene	9.210	130	62065	19.527	ug/l	92
38) Methylcyclohexane	9.457	83	101723	19.120	ug/l	91
39) 1,2-Dichloropropane	9.486	63	76594	21.147	ug/l	98
40) Dibromomethane	9.575	93	50456	20.292	ug/l	94
41) Bromodichloromethane	9.757	83	107416	20.196	ug/l	99
42) Vinyl Acetate	6.428	43	1089754	103.789	ug/l	99

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Manual Integrations
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.404	43	132086	21.376	ug/l	97
44) Isopropyl Acetate	8.557	43	211798	20.663	ug/l	96
45) 1,4-Dioxane	9.569	88	38456	456.549	ug/l	92
46) Methyl methacrylate	9.557	41	91765	20.022	ug/l	86
47) n-amyl Acetate	12.386	43	152528	19.437	ug/l	98
48) t-1,3-Dichloropropene	10.716	75	118315	19.489	ug/l	99
49) cis-1,3-Dichloropropene	10.186	75	121601	19.725	ug/l	94
50) 1,1,2-Trichloroethane	10.898	97	71833	20.434	ug/l	97
51) Ethyl methacrylate	10.757	69	127977	20.098	ug/l	94
52) 1,3-Dichloropropane	11.039	76	128845	20.596	ug/l	98
53) Dibromochloromethane	11.233	129	76417	19.702	ug/l	100
54) 1,2-Dibromoethane	11.339	107	73652	19.926	ug/l	96
55) 2-Chloroethyl vinyl ether	10.039	63	226851	90.962	ug/l	98
56) Bromoform	12.457	173	51628	19.104	ug/l #	100
58) 4-Methyl-2-Pentanone	10.327	43	696618	110.187	ug/l	99
59) 2-Hexanone	11.080	43	526575	109.861	ug/l	99
61) Tetrachloroethene	10.974	164	54256	20.800	ug/l	93
62) Toluene	10.504	91	294962	20.638	ug/l	98
64) Chlorobenzene	11.769	112	177575	20.407	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.839	131	72053	21.003	ug/l	98
66) Ethyl Benzene	11.839	91	330993	20.172	ug/l	99
67) m/p-Xylenes	11.951	106	237702	39.716	ug/l	92
68) o-Xylene	12.280	106	121014	19.820	ug/l	92
69) Styrene	12.292	104	188768	19.476	ug/l	95
70) Isopropylbenzene	12.574	105	317966	19.930	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.827	83	112432	20.819	ug/l	99
72) 1,2,3-Trichloropropane	12.874	75	96118m	20.394	ug/l	
73) Bromobenzene	12.857	156	63448	19.563	ug/l	74
74) n-propylbenzene	12.915	91	355114	19.451	ug/l	98
75) 2-Chlorotoluene	13.004	91	227638	20.116	ug/l	92
76) 1,3,5-Trimethylbenzene	13.057	105	258614	19.749	ug/l	100
77) t-1,4-Dichloro-2-butene	12.621	75	38765	19.515	ug/l	94
78) 4-Chlorotoluene	13.104	91	197453	18.470	ug/l	94
79) tert-butylbenzene	13.321	119	230515	19.717	ug/l	96
80) 1,2,4-Trimethylbenzene	13.498	105	308836	19.560	ug/l	100
81) sec-Butylbenzene	13.498	105	308836	19.560	ug/l	98
82) p-Isopropyltoluene	13.615	119	243598	19.326	ug/l	98
83) 1,3-Dichlorobenzene	13.610	146	105912	18.654	ug/l	97
84) 1,4-Dichlorobenzene	13.692	146	105501	19.137	ug/l	96
85) n-Butylbenzene	13.939	91	195303	18.274	ug/l	96
86) Hexachloroethane	14.210	117	53667	19.241	ug/l	92
87) 1,2-Dichlorobenzene	13.986	146	112194	19.966	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.598	75	27207	20.092	ug/l	88
89) 1,2,4-Trichlorobenzene	15.262	180	50844	17.956	ug/l	100
90) Hexachlorobutadiene	15.368	225	23364	18.391	ug/l	96
91) Naphthalene	15.504	128	205188	18.161	ug/l	99
92) 1,2,3-Trichlorobenzene	15.698	180	53924	18.719	ug/l	97

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

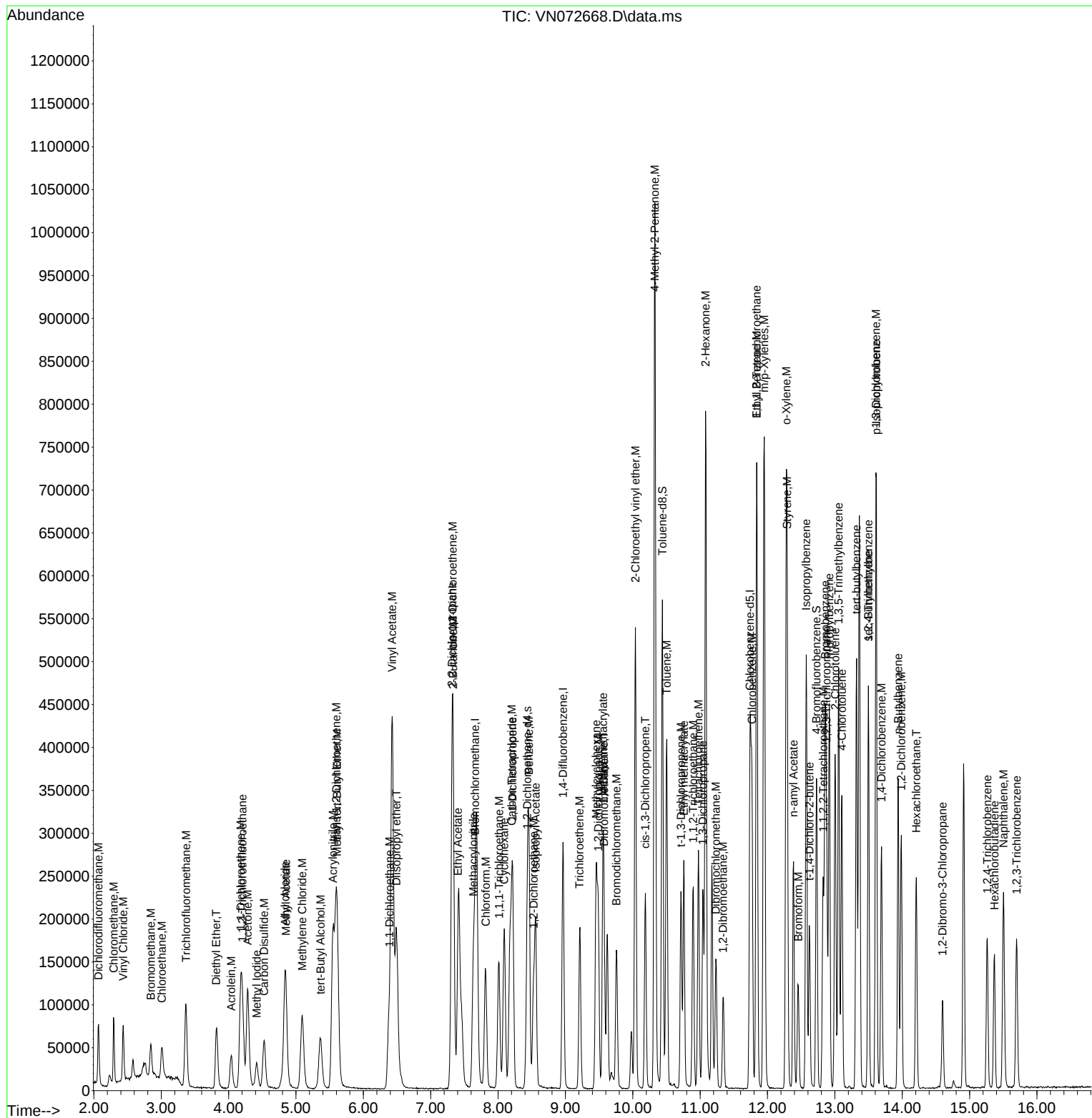
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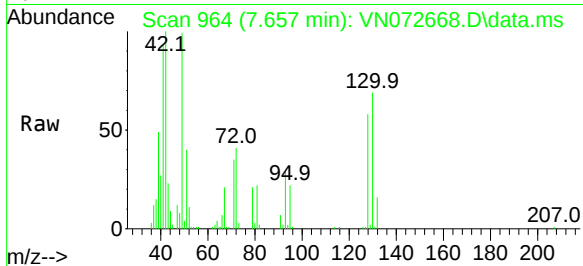
Quant Time: Jun 07 06:27:42 2022
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 964
Delta R.T. 0.006 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20

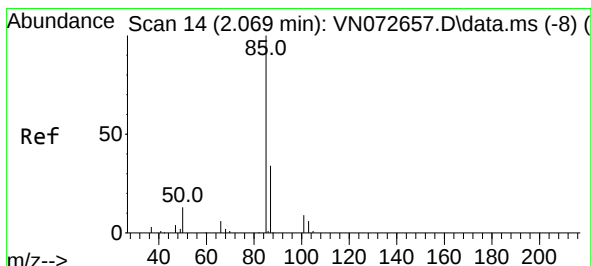
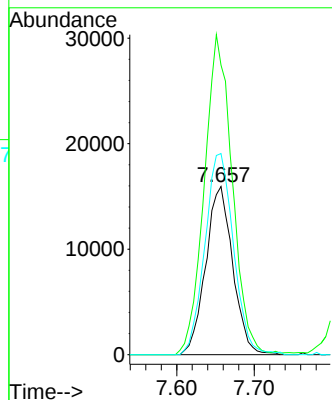
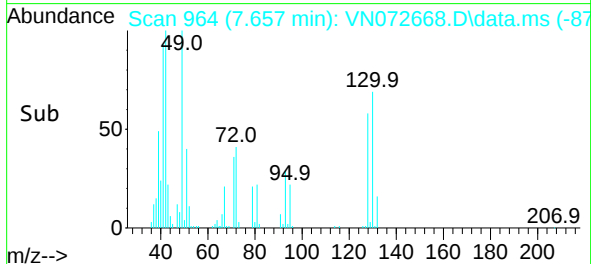
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01



Tgt Ion: 128 Resp: 38749
Ion Ratio Lower Upper
128 100
49 195.6 0.0 392.3
130 126.7 0.0 320.2

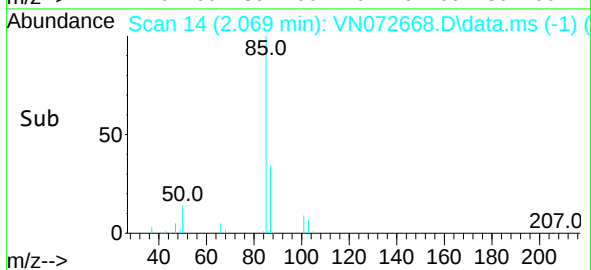
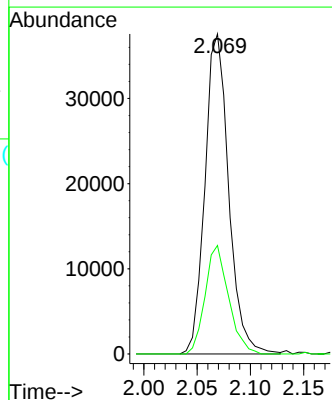
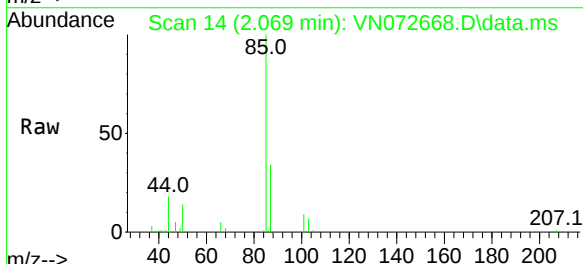
Manual Integrations
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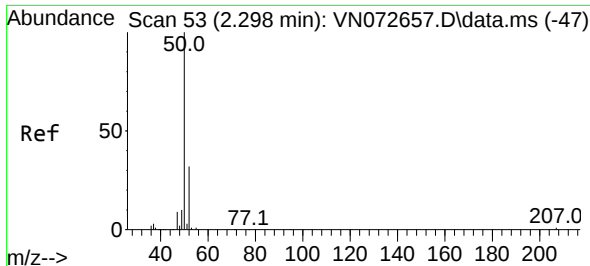
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#2
Dichlorodifluoromethane
Concen: 20.068 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20

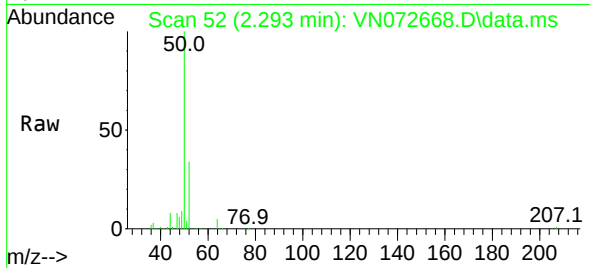
Tgt Ion: 85 Resp: 58251
Ion Ratio Lower Upper
85 100
87 33.9 16.6 49.7





#3
Chloromethane
Concen: 19.393 ug/l
RT: 2.293 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20

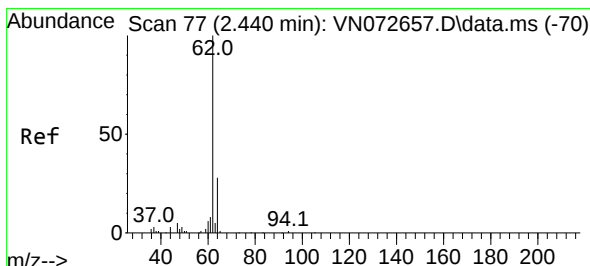
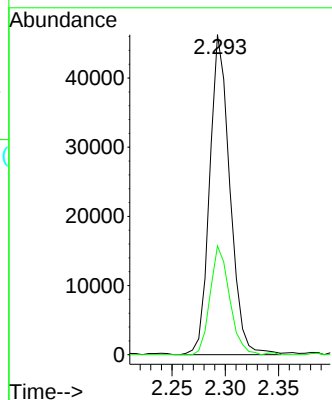
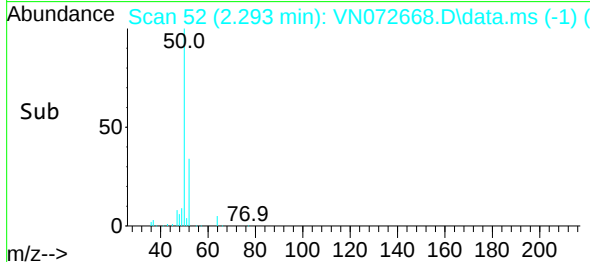
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 6121
Ion Ratio Lower Upper
50 100
52 34.0 27.8 41.6

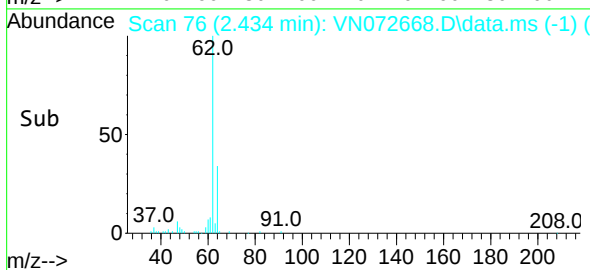
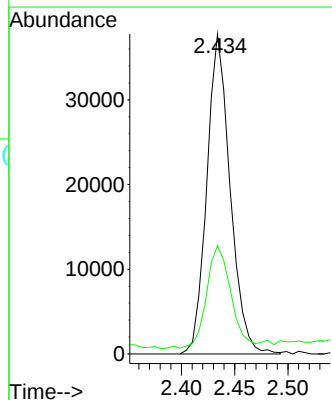
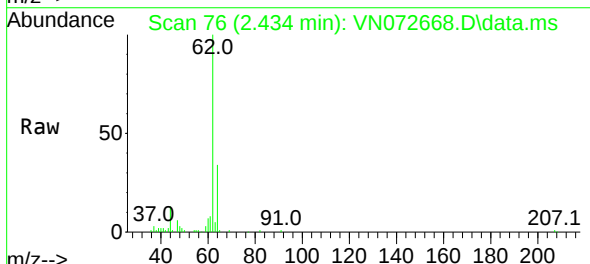
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#4
Vinyl Chloride
Concen: 20.235 ug/l
RT: 2.434 min Scan# 76
Delta R.T. -0.006 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20

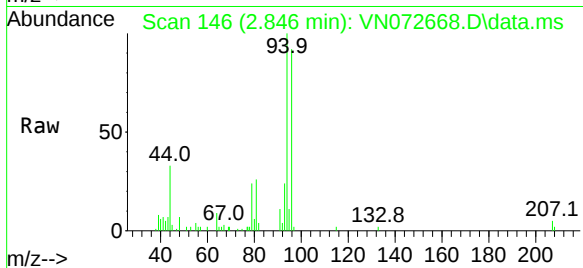
Tgt Ion: 62 Resp: 57593
Ion Ratio Lower Upper
62 100
64 31.9 25.1 37.7





#5
Bromomethane
Concen: 19.259 ug/l
RT: 2.846 min Scan# 147
Delta R.T. -0.006 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20

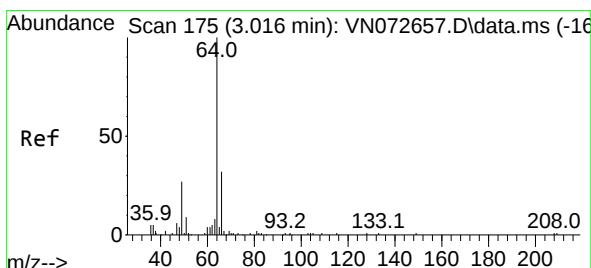
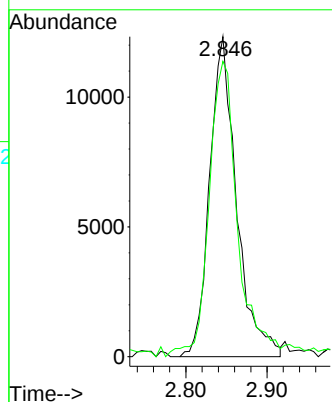
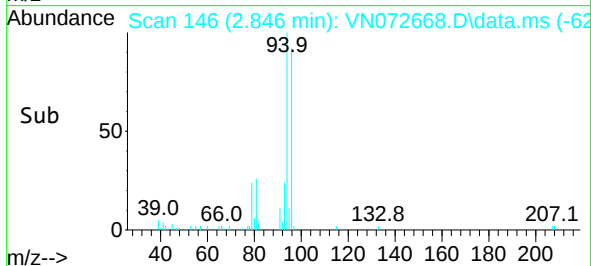
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01



Tgt Ion: 94 Resp: 28340
Ion Ratio Lower Upper
94 100
96 89.8 75.2 112.8

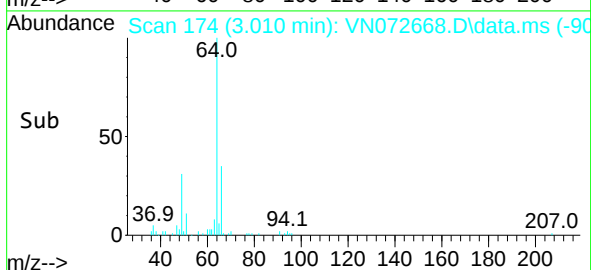
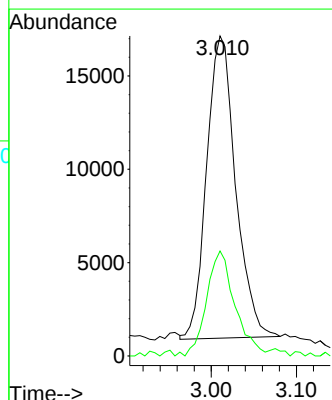
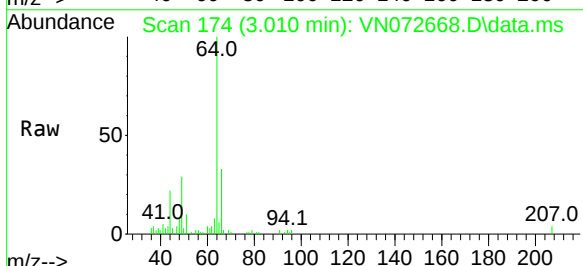
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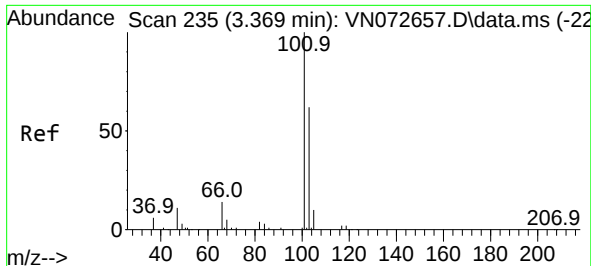
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#6
Chloroethane
Concen: 20.166 ug/l
RT: 3.010 min Scan# 174
Delta R.T. -0.006 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20

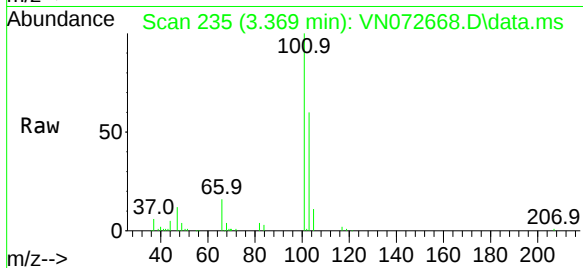
Tgt Ion: 64 Resp: 38269
Ion Ratio Lower Upper
64 100
66 33.7 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 19.624 ug/l
 RT: 3.369 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN072668.D
 Acq: 06 Jun 2022 17:20

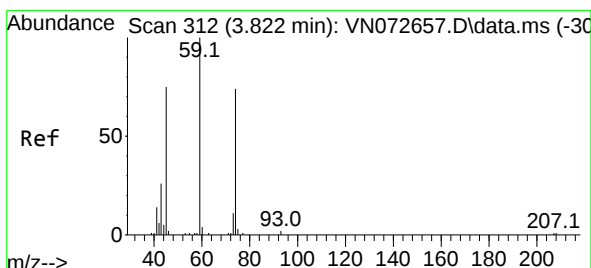
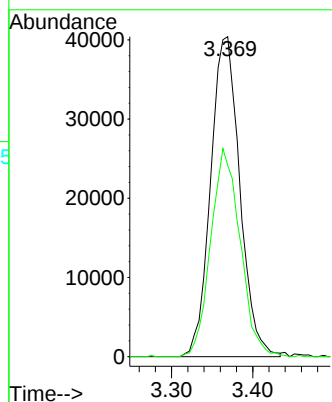
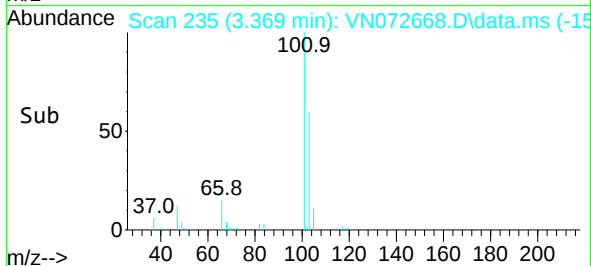
Instrument :
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Tgt Ion:101 Resp: 100974
 Ion Ratio Lower Upper
 101 100
 103 59.8 50.1 75.1

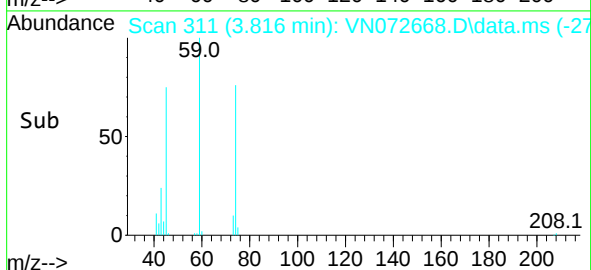
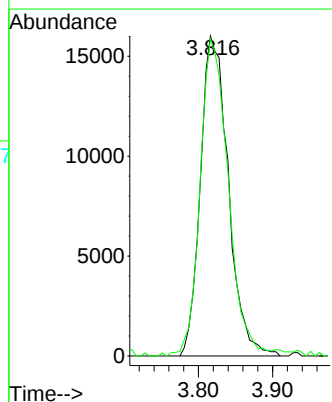
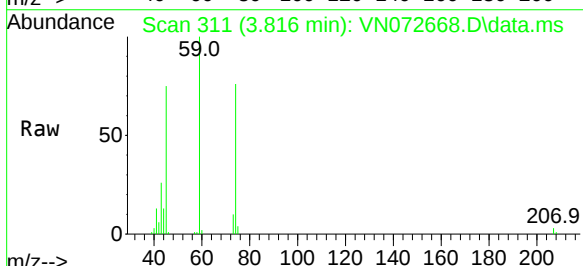
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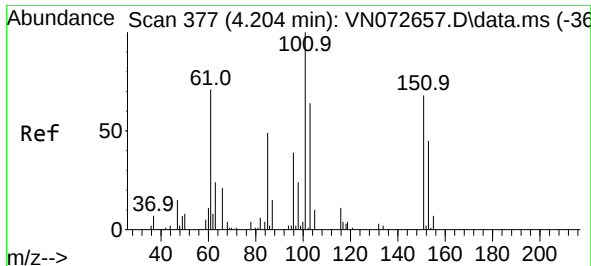
Reviewed By :John Carlone 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022



#8
 Diethyl Ether
 Concen: 20.990 ug/l
 RT: 3.816 min Scan# 311
 Delta R.T. -0.006 min
 Lab File: VN072668.D
 Acq: 06 Jun 2022 17:20

Tgt Ion: 74 Resp: 41872
 Ion Ratio Lower Upper
 74 100
 45 97.7 17.6 158.8





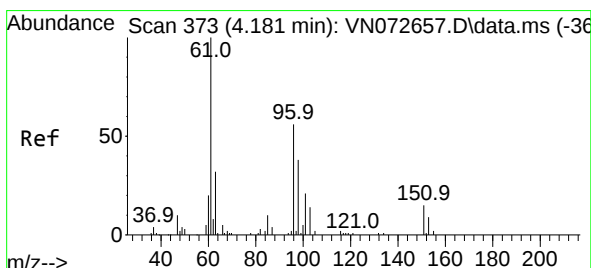
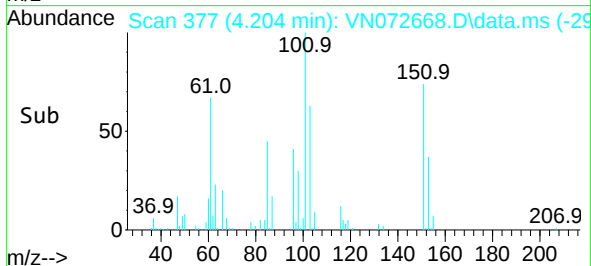
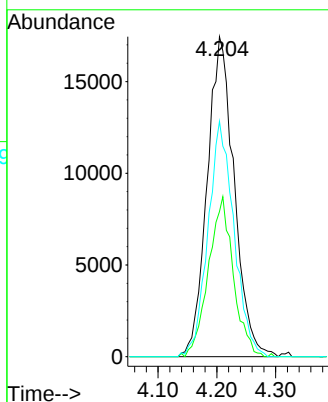
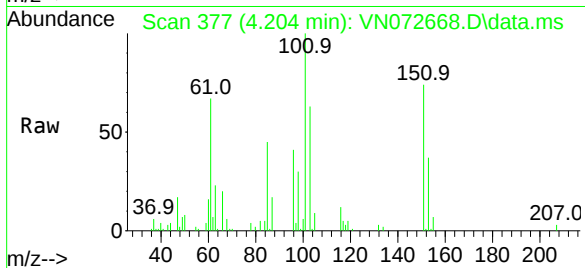
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.576 ug/l
RT: 4.204 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20

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MSVOA_N
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Tgt Ion:101 Resp: 55772
Ion Ratio Lower Upper
101 100
85 45.7 0.0 94.0
151 70.7 0.0 74.6

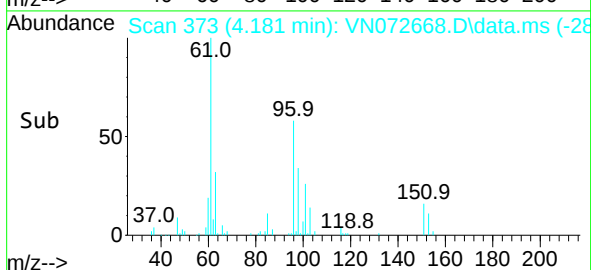
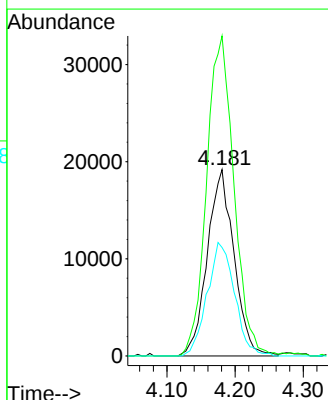
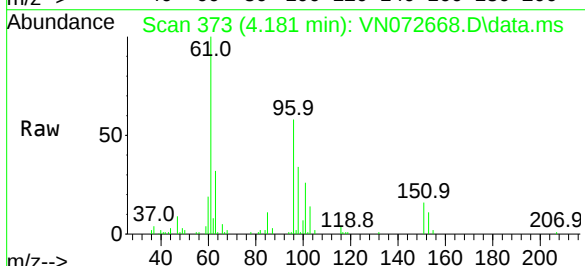
Manual Integrations
APPROVED

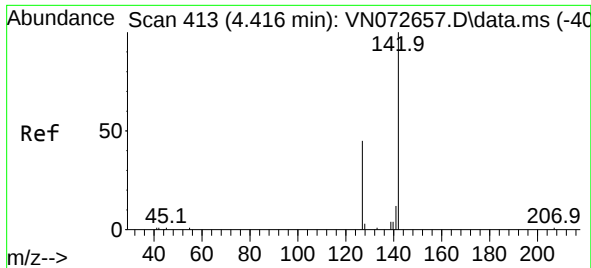
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#10
1,1-Dichloroethene
Concen: 20.495 ug/l
RT: 4.181 min Scan# 373
Delta R.T. 0.000 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20

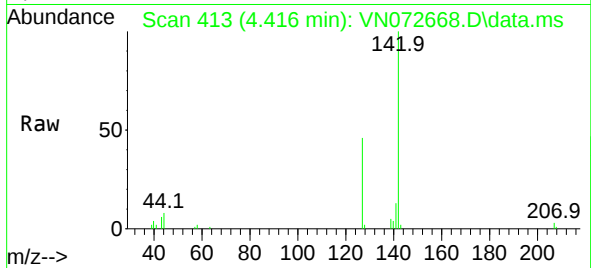
Tgt Ion: 96 Resp: 52470
Ion Ratio Lower Upper
96 100
61 171.7 126.2 189.4
98 58.2 50.9 76.3





#11
Methyl Iodide
Concen: 18.887 ug/l
RT: 4.416 min Scan# 413
Delta R.T. 0.000 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20

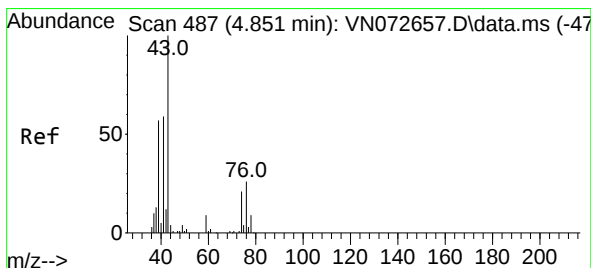
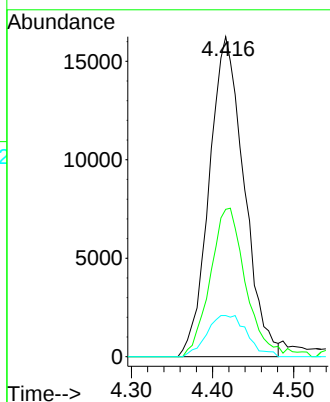
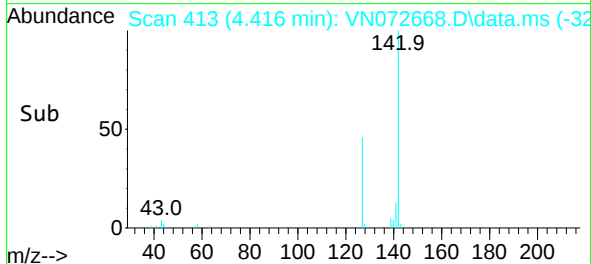
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01



Tgt Ion:142 Resp: 4841
Ion Ratio Lower Upper
142 100
127 45.4 24.0 72.0
141 13.1 8.4 25.2

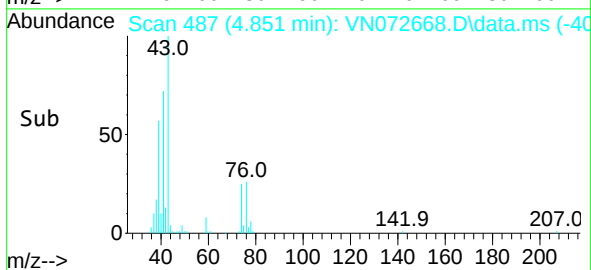
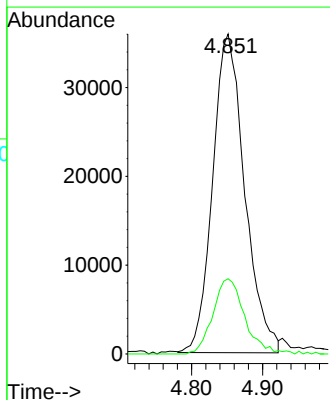
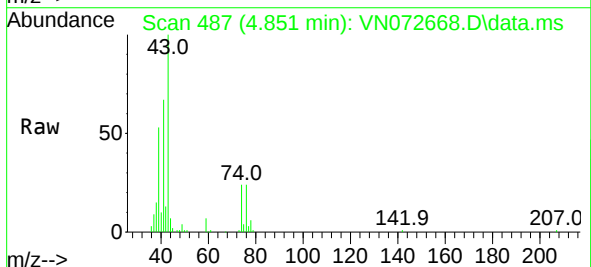
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#12
Methyl Acetate
Concen: 21.285 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20

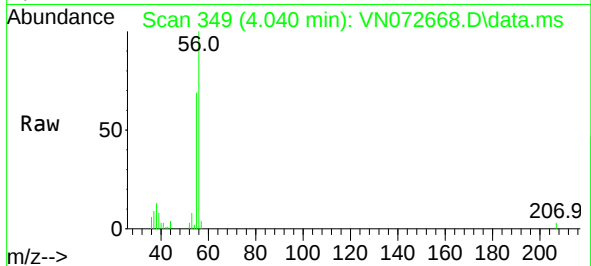
Tgt Ion: 43 Resp: 112429
Ion Ratio Lower Upper
43 100
74 23.6 20.8 31.2





#13
Acrolein
Concen: 101.722 ug/l
RT: 4.040 min Scan# 348
Delta R.T. 0.006 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20

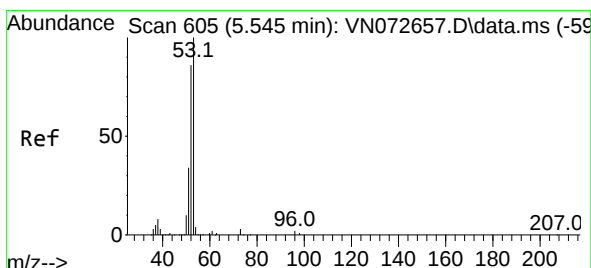
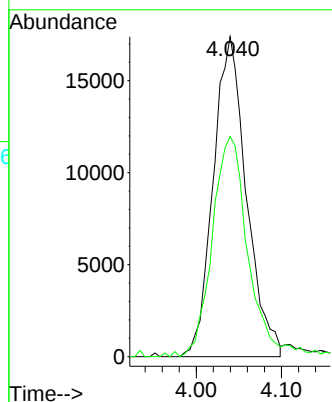
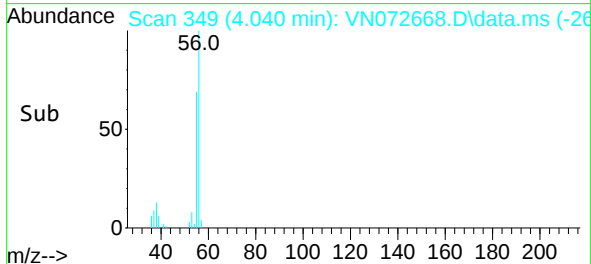
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01



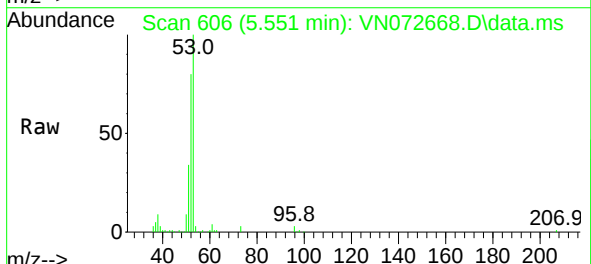
Tgt Ion: 56 Resp: 4703
Ion Ratio Lower Upper
56 100
55 71.8 57.6 86.4

Manual Integrations
APPROVED

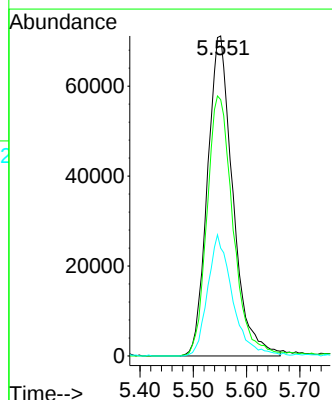
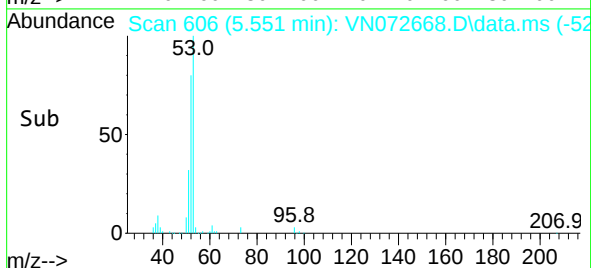
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

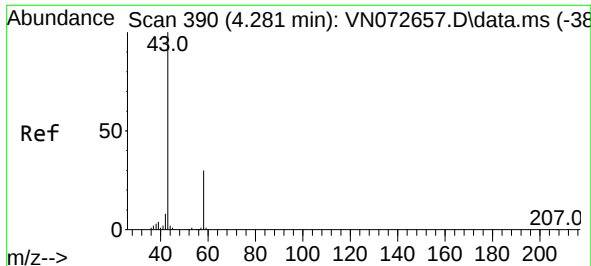


#14
Acrylonitrile
Concen: 109.511 ug/l
RT: 5.551 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20



Tgt Ion: 53 Resp: 235787
Ion Ratio Lower Upper
53 100
52 83.2 41.8 125.4
51 36.8 19.0 57.0





#15

Acetone

Concen: 108.999 ug/l

RT: 4.281 min Scan# 390

Delta R.T. 0.000 min

Lab File: VN072668.D

Acq: 06 Jun 2022 17:20

Instrument :

MSVOA_N

ClientSampleId :

VN0606WBS01

Tgt Ion: 58 Resp: 6354

Ion Ratio Lower Upper

58 100

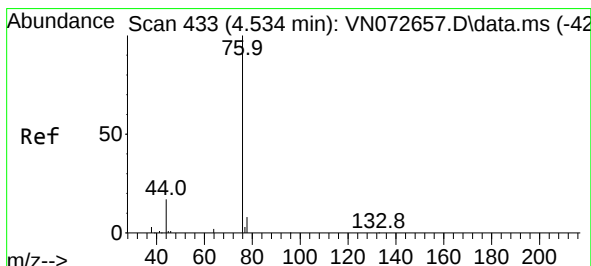
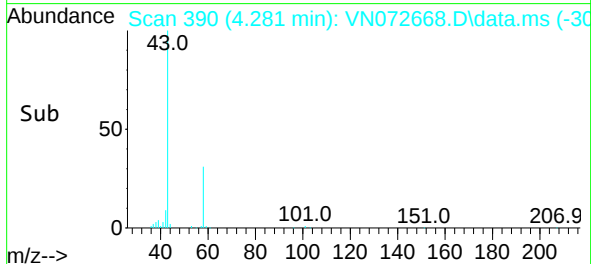
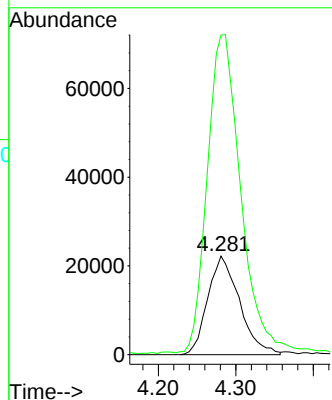
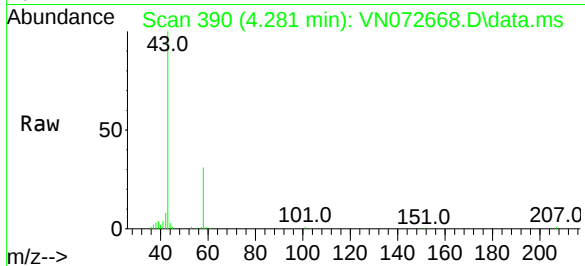
43 321.6 256.6 384.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#16

Carbon Disulfide

Concen: 18.621 ug/l

RT: 4.528 min Scan# 432

Delta R.T. -0.006 min

Lab File: VN072668.D

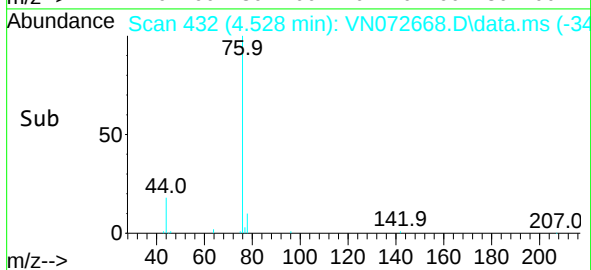
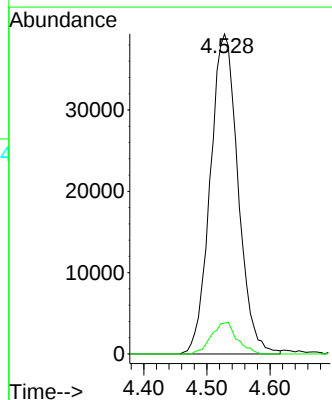
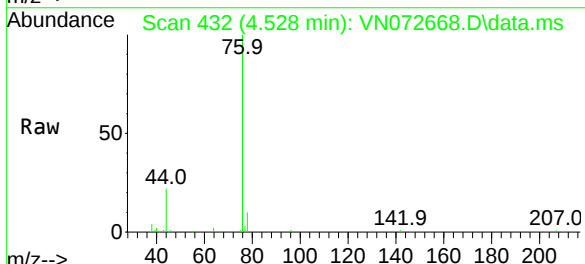
Acq: 06 Jun 2022 17:20

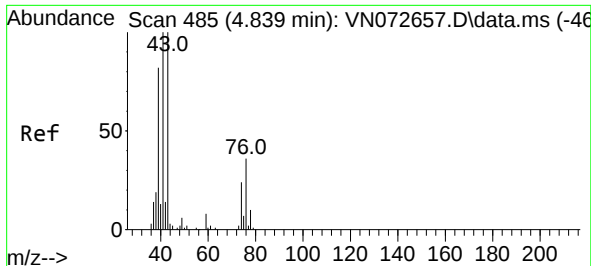
Tgt Ion: 76 Resp: 120176

Ion Ratio Lower Upper

76 100

78 9.6 7.8 11.8





#17

Allyl chloride

Concen: 20.952 ug/l

RT: 4.840 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN072668.D

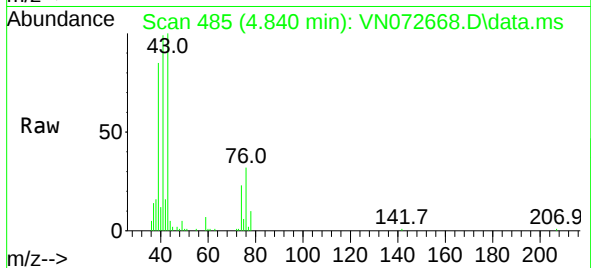
Acq: 06 Jun 2022 17:20

Instrument :

MSVOA_N

ClientSampleId :

VN0606WBS01



Tgt Ion: 41 Resp: 115879

Ion Ratio Lower Upper

41 100

39 85.9 44.6 134.0

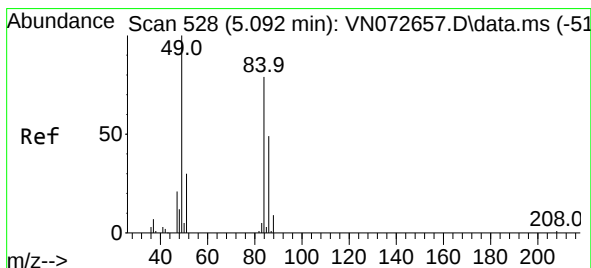
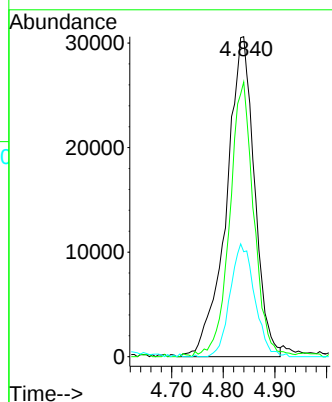
76 32.3 19.6 58.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#18

Methylene Chloride

Concen: 20.799 ug/l

RT: 5.092 min Scan# 528

Delta R.T. 0.000 min

Lab File: VN072668.D

Acq: 06 Jun 2022 17:20

Tgt Ion: 84 Resp: 66862

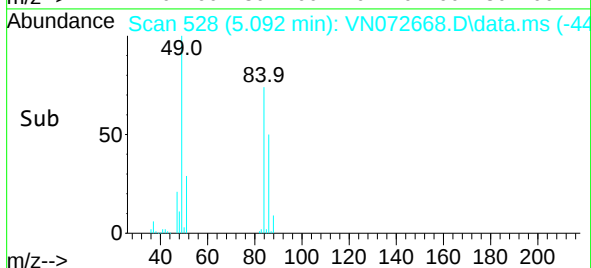
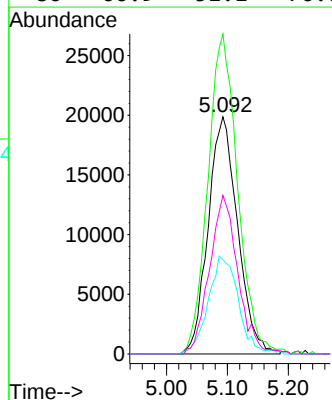
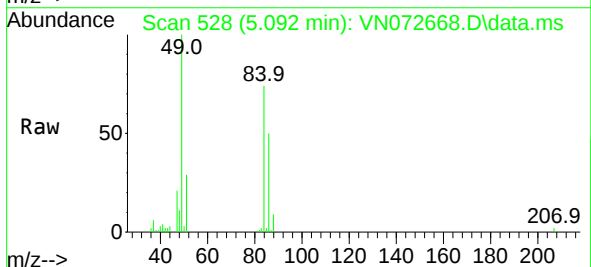
Ion Ratio Lower Upper

84 100

49 134.9 91.4 137.0

51 39.7 29.4 44.0

86 66.9 51.1 76.7





#19

trans-1,2-Dichloroethene

Concen: 20.147 ug/l

RT: 5.598 min Scan# 613

Delta R.T. 0.006 min

Lab File: VN072668.D

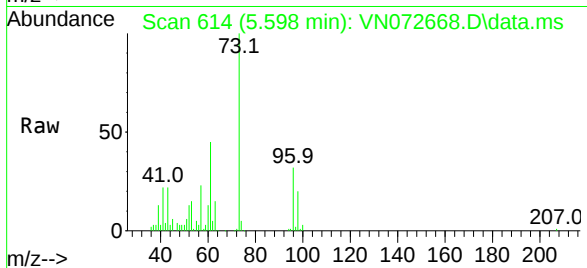
Acq: 06 Jun 2022 17:20

Instrument :

MSVOA_N

ClientSampleId :

VN0606WBS01



Tgt Ion: 96 Resp: 55818

Ion Ratio Lower Upper

96 100

61 139.3 102.8 154.2

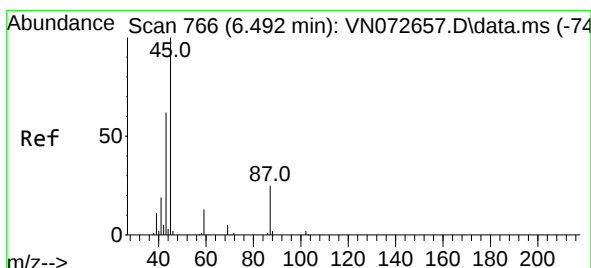
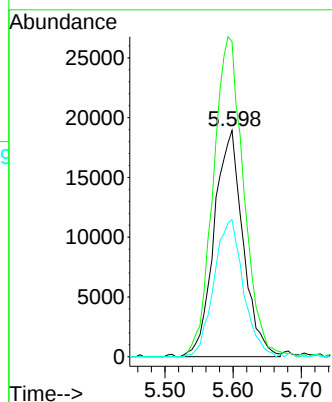
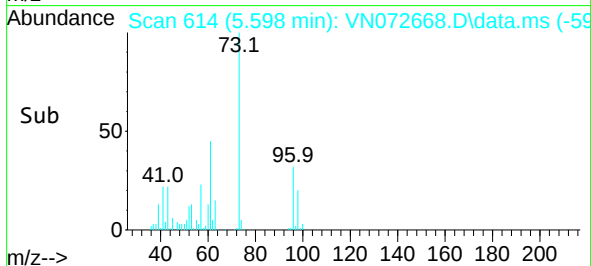
98 60.5 49.3 73.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#20

Diisopropyl ether

Concen: 21.322 ug/l

RT: 6.492 min Scan# 766

Delta R.T. 0.000 min

Lab File: VN072668.D

Acq: 06 Jun 2022 17:20

Tgt Ion: 45 Resp: 233534

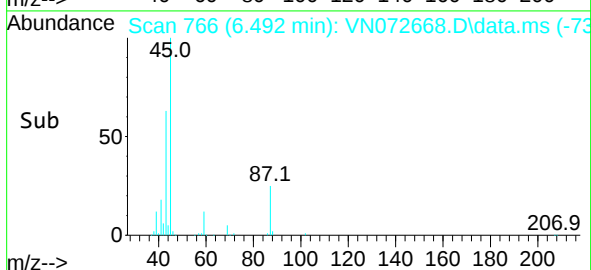
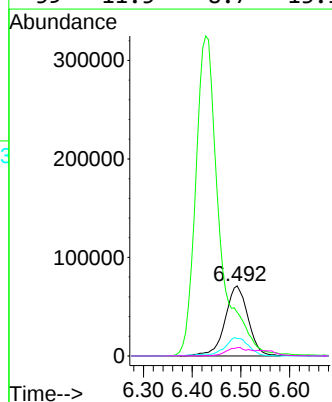
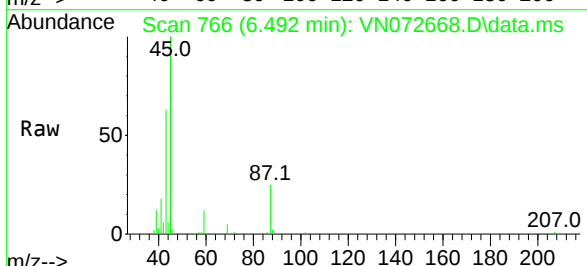
Ion Ratio Lower Upper

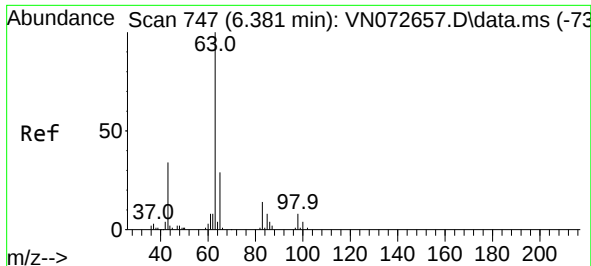
45 100

43 59.6 51.0 76.4

87 25.0 25.0 37.4

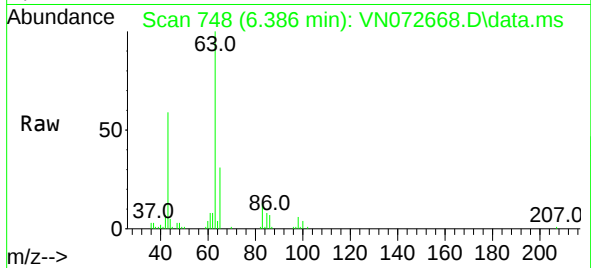
59 11.5 8.7 13.1





#21
1,1-Dichloroethane
Concen: 20.685 ug/l
RT: 6.386 min Scan# 747
Delta R.T. 0.006 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20

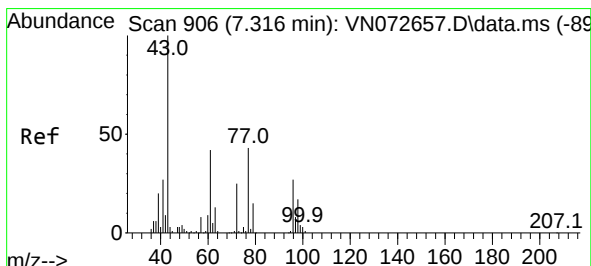
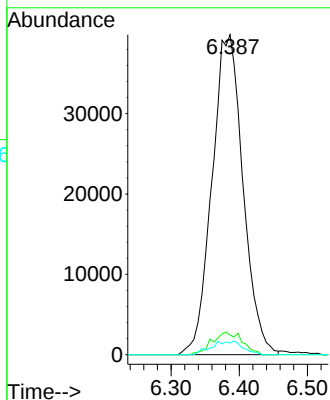
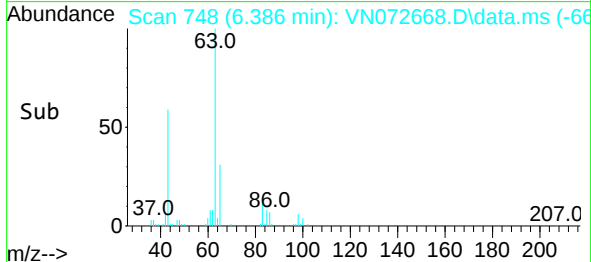
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01



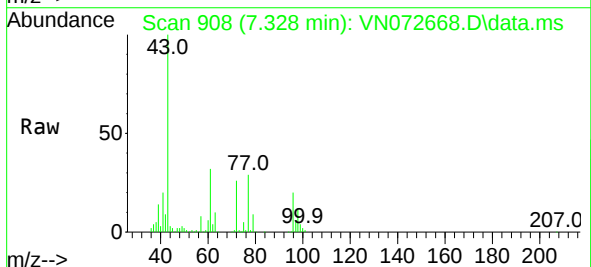
Tgt Ion: 63 Resp: 125870
Ion Ratio Lower Upper
63 100
98 6.2 3.2 9.6
100 3.6 2.1 6.2

Manual Integrations
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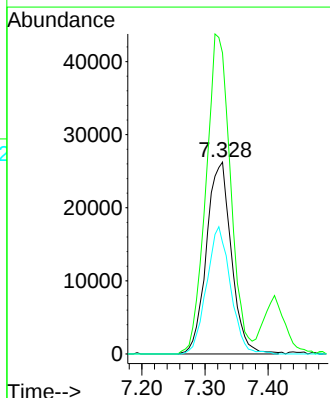
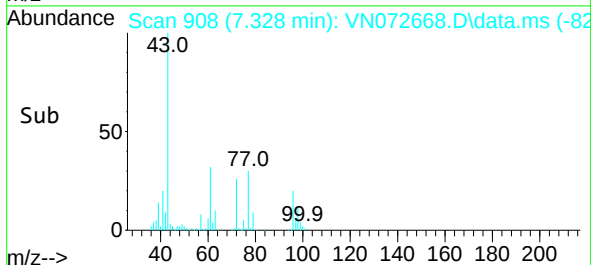
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

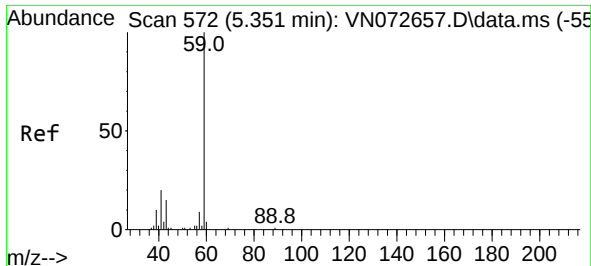


#22
cis-1,2-Dichloroethene
Concen: 20.736 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.012 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20



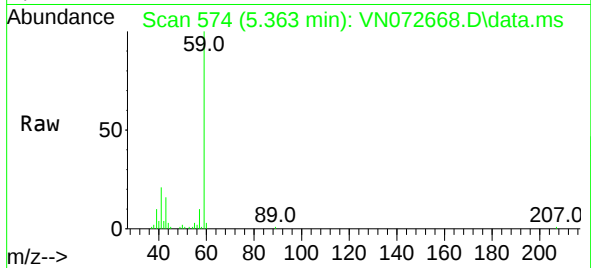
Tgt Ion: 96 Resp: 71960
Ion Ratio Lower Upper
96 100
61 163.6 115.7 173.5
98 63.3 51.6 77.4





#23
tert-Butyl Alcohol
Concen: 115.934 ug/l
RT: 5.363 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20

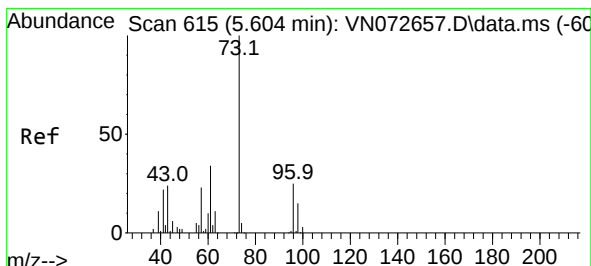
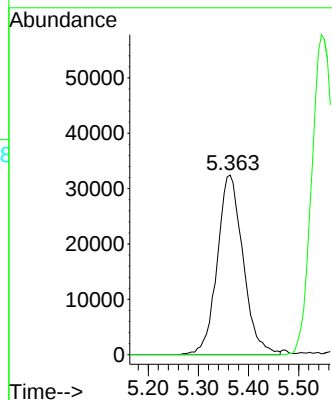
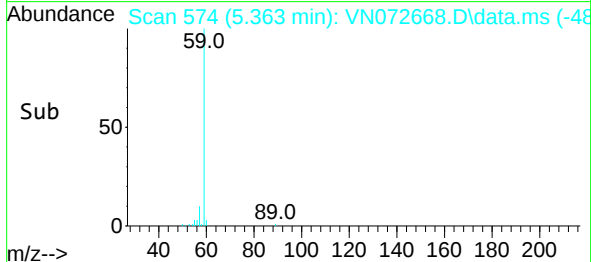
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01



Tgt Ion: 59 Resp: 11616
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

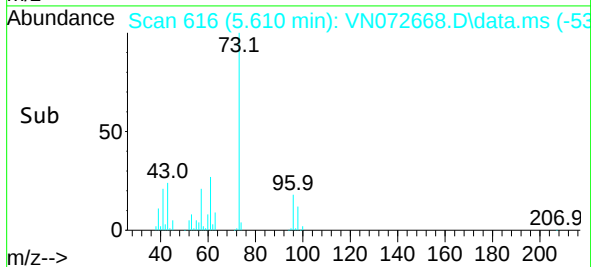
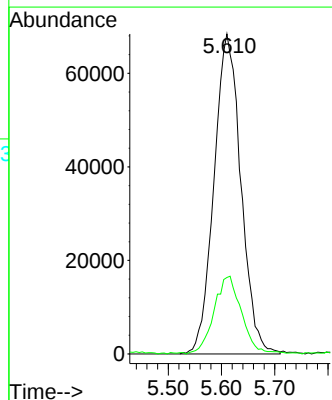
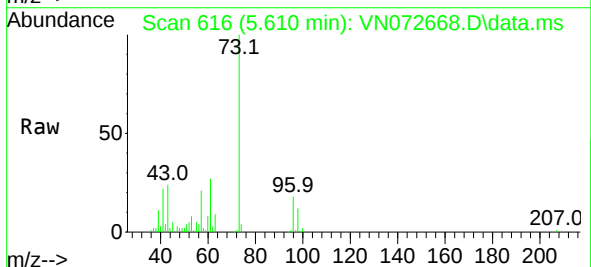
Manual Integrations
APPROVED

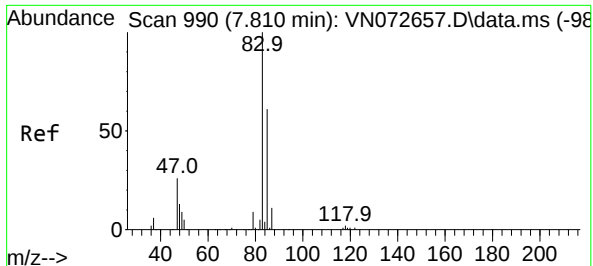
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#24
Methyl tert-Butyl Ether
Concen: 21.056 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20

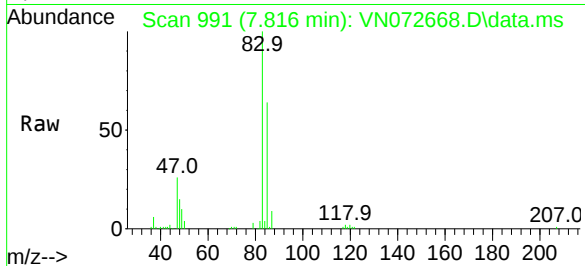
Tgt Ion: 73 Resp: 239740
Ion Ratio Lower Upper
73 100
43 24.7 18.1 27.1





#25
Chloroform
Concen: 20.679 ug/l
RT: 7.816 min Scan# 990
Delta R.T. 0.006 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20

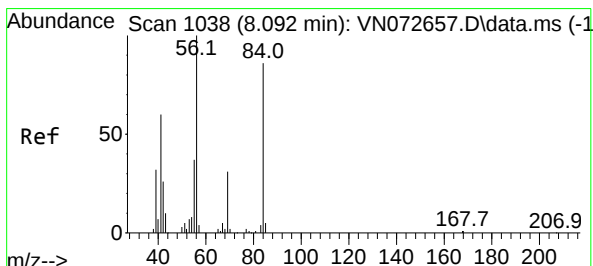
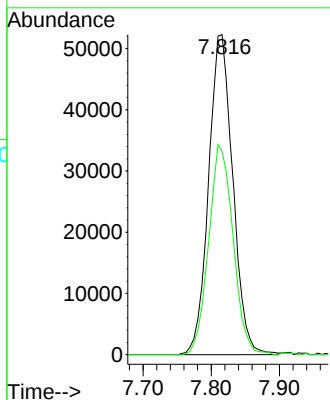
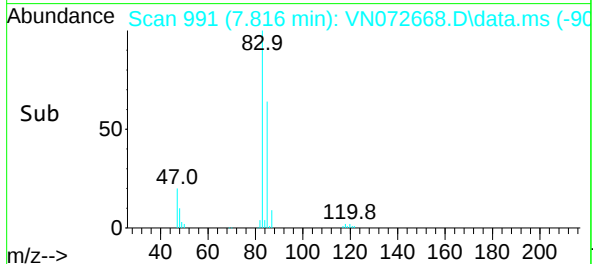
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01



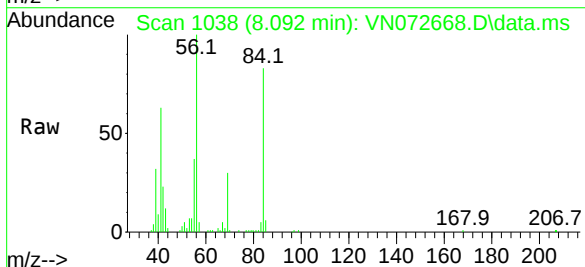
Tgt Ion: 83 Resp: 12926
Ion Ratio Lower Upper
83 100
85 63.5 51.3 76.9

Manual Integrations
APPROVED

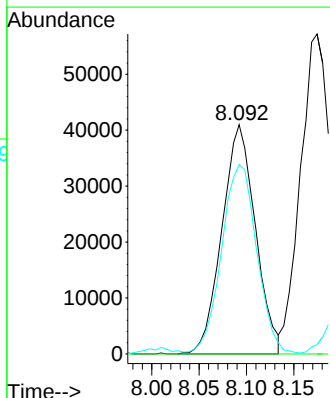
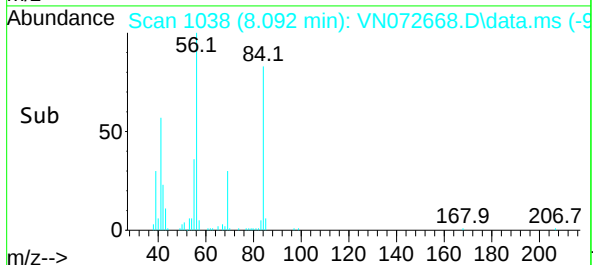
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

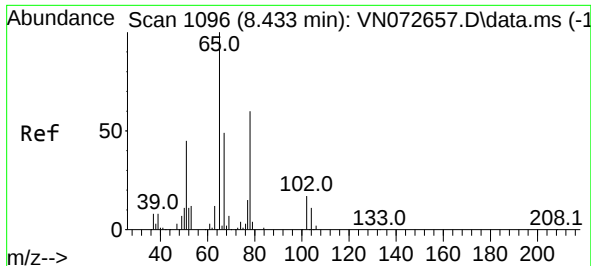


#26
Cyclohexane
Concen: 19.839 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20



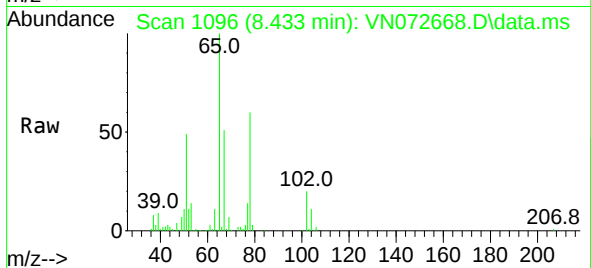
Tgt Ion: 56 Resp: 100657
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 87.2 74.6 111.8





#27
1,2-Dichloroethane-d4
Concen: 30.628 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20

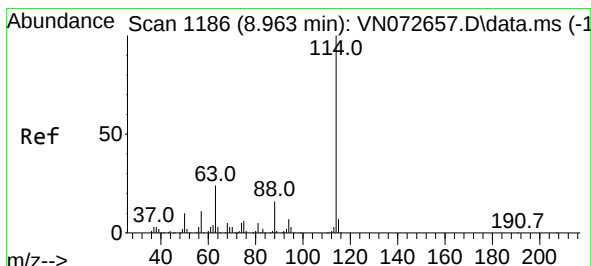
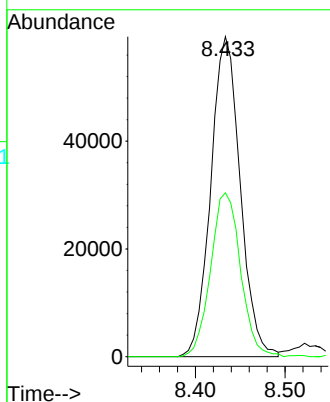
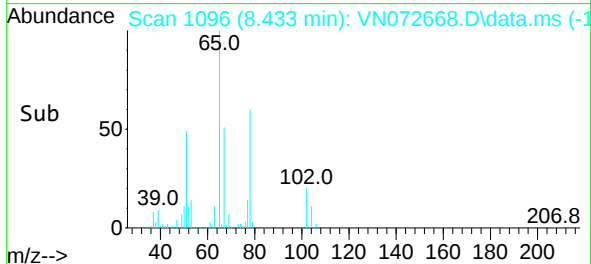
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01



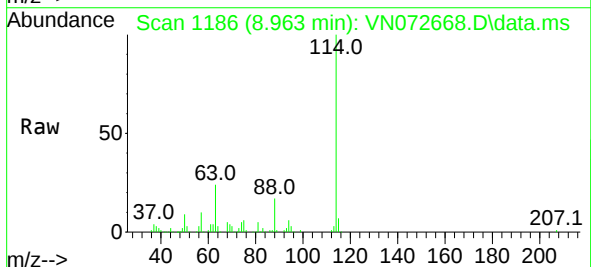
Tgt Ion: 65 Resp: 13535
Ion Ratio Lower Upper
65 100
67 51.9 40.2 60.2

Manual Integrations
APPROVED

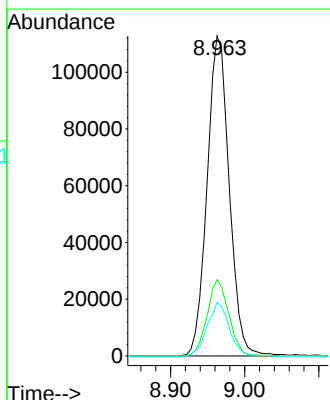
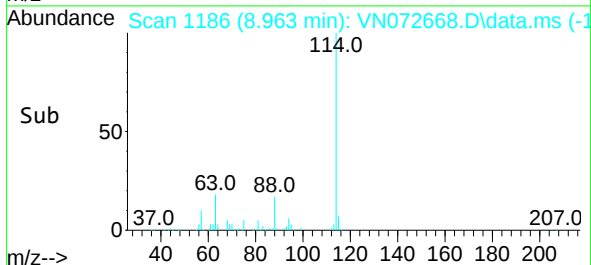
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

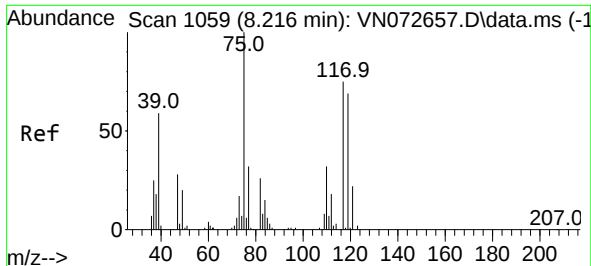


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20



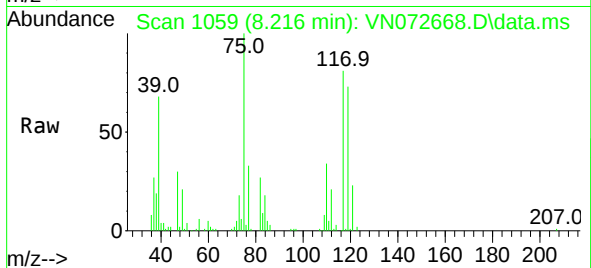
Tgt Ion:114 Resp: 233784
Ion Ratio Lower Upper
114 100
63 23.3 15.8 23.6
88 16.5 11.6 17.4





#29
1,1-Dichloropropene
Concen: 19.484 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20

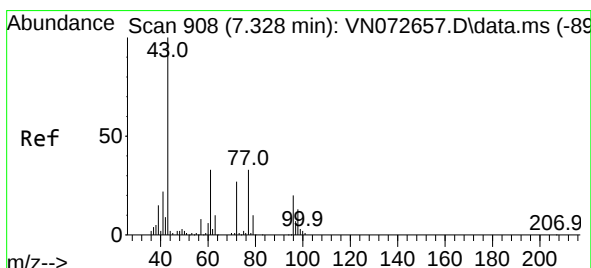
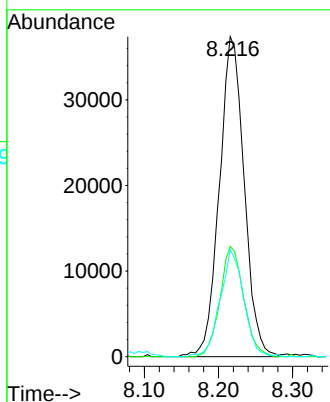
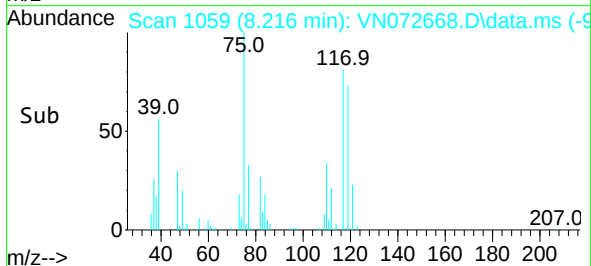
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01



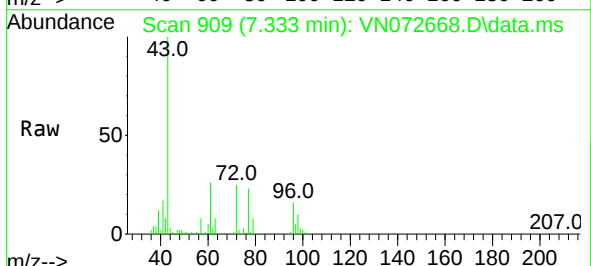
Tgt Ion: 75 Resp: 86830
Ion Ratio Lower Upper
75 100
110 32.9 0.0 74.2
77 31.7 0.0 63.2

Manual Integrations
APPROVED

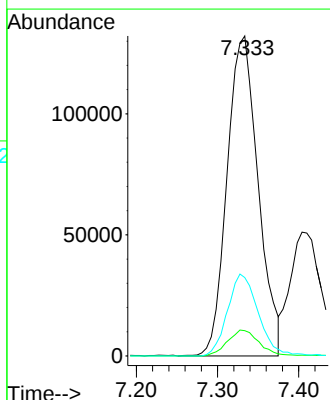
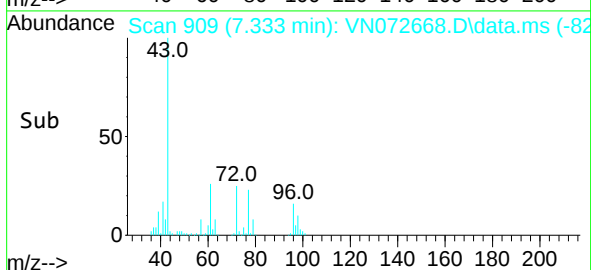
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#30
2-Butanone
Concen: 109.206 ug/l
RT: 7.333 min Scan# 909
Delta R.T. 0.006 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20



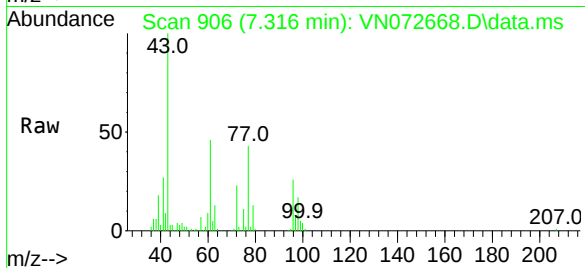
Tgt Ion: 43 Resp: 352206
Ion Ratio Lower Upper
43 100
57 8.2 6.7 10.1
72 25.0 23.2 34.8





#31
2,2-Dichloropropane
Concen: 19.550 ug/l
RT: 7.316 min Scan# 906
Delta R.T. 0.000 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20

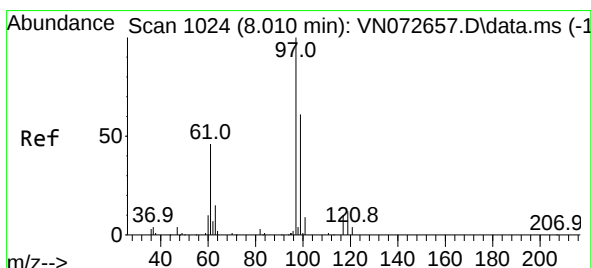
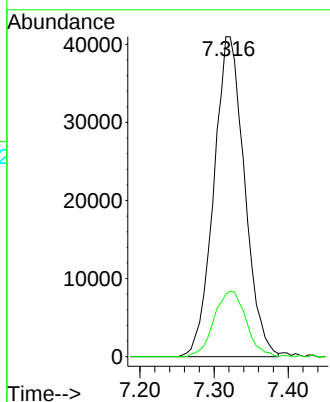
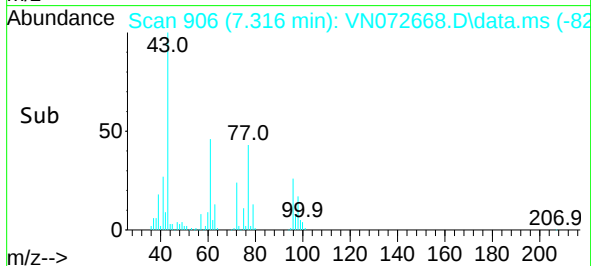
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01



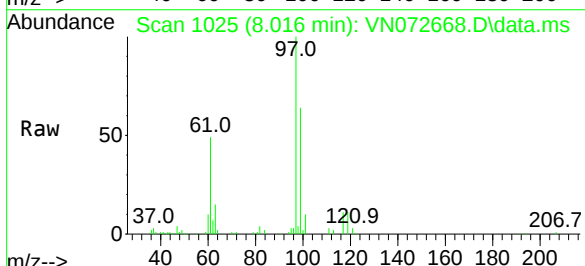
Tgt Ion: 77 Resp: 117934
Ion Ratio Lower Upper
77 100
97 21.3 18.3 27.5

Manual Integrations
APPROVED

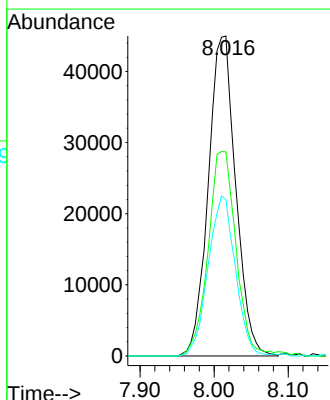
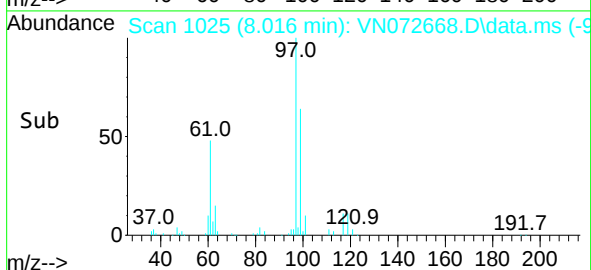
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

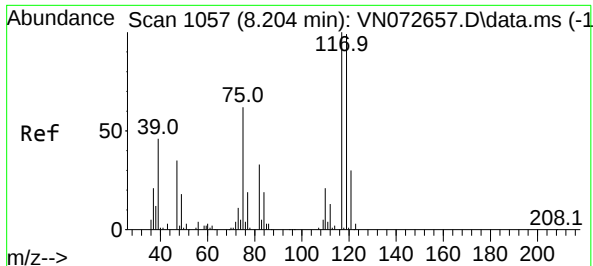


#32
1,1,1-Trichloroethane
Concen: 19.872 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.006 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20



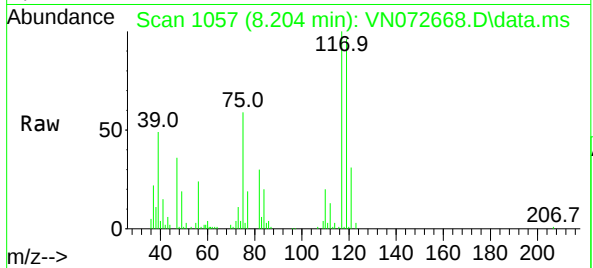
Tgt Ion: 97 Resp: 115875
Ion Ratio Lower Upper
97 100
99 64.6 50.4 75.6
61 49.5 34.6 51.8





#33
Carbon Tetrachloride
Concen: 19.514 ug/l
RT: 8.204 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20

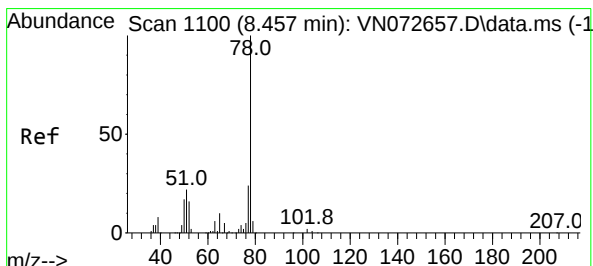
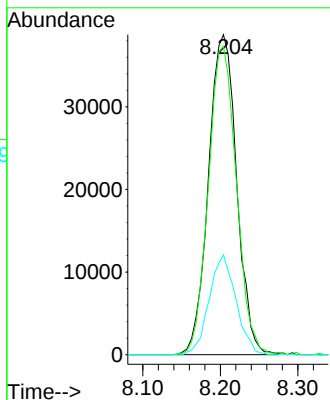
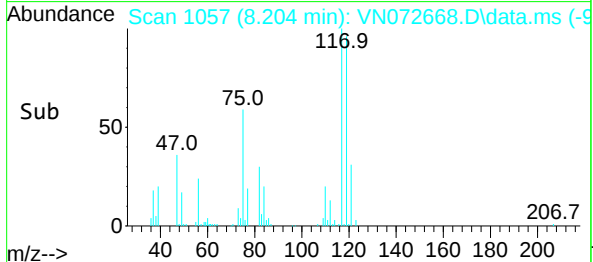
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01



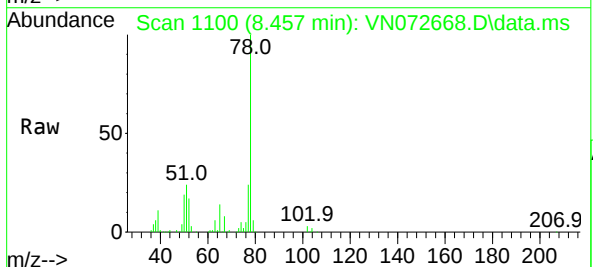
Tgt Ion: 117 Resp: 98120
Ion Ratio Lower Upper
117 100
119 95.9 77.5 116.3
121 31.2 23.5 35.3

Manual Integrations
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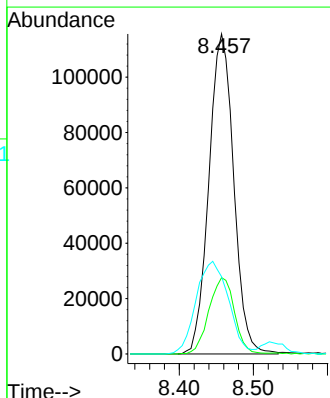
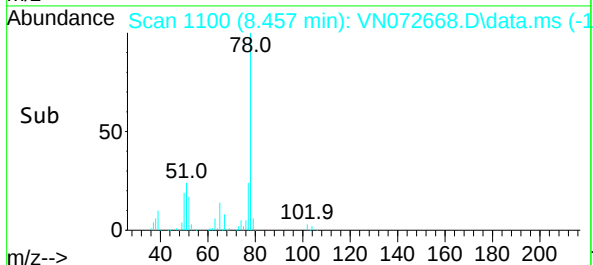
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#34
Benzene
Concen: 20.371 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20



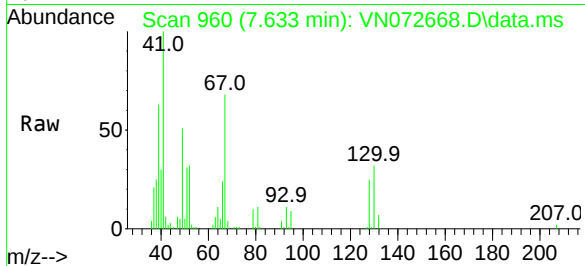
Tgt Ion: 78 Resp: 268583
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7
51 22.8 16.0 24.0





#35
Methacrylonitrile
Concen: 21.914 ug/l
RT: 7.633 min Scan# 90
Delta R.T. 0.006 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20

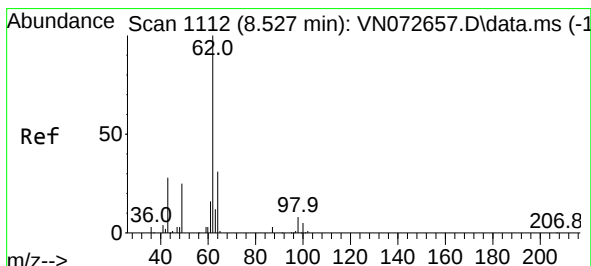
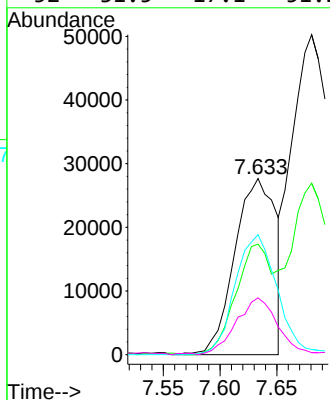
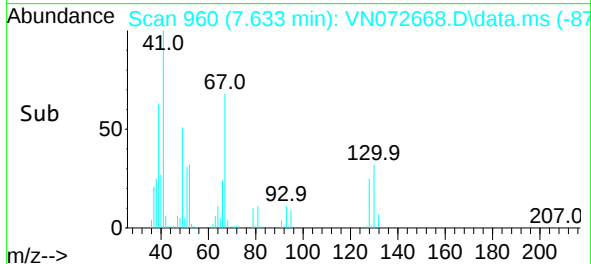
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01



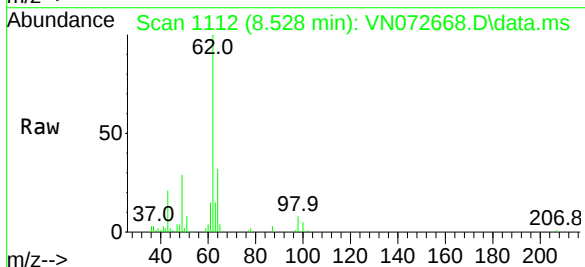
Tgt Ion: 41 Resp: 69299
Ion Ratio Lower Upper
41 100
39 62.1 28.0 83.9
67 68.1 37.7 113.1
52 31.5 17.1 51.2

Manual Integrations
APPROVED

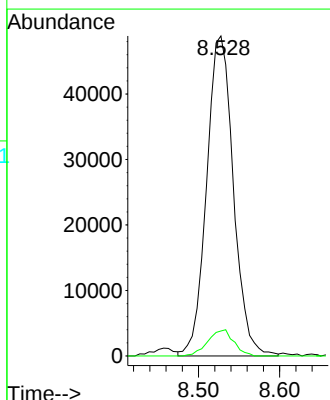
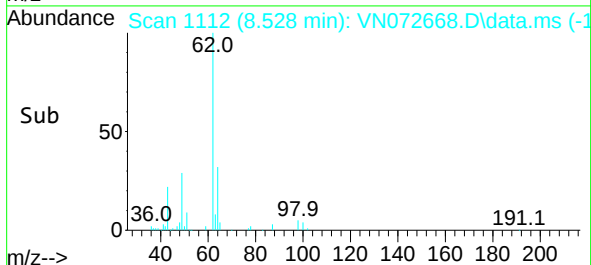
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

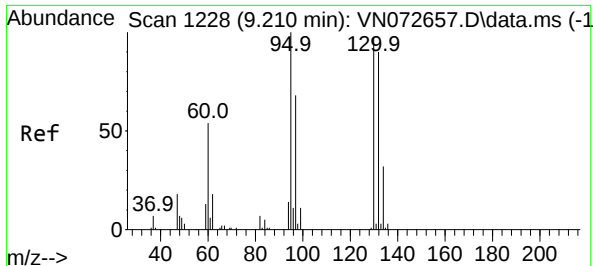


#36
1,2-Dichloroethane
Concen: 20.114 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20



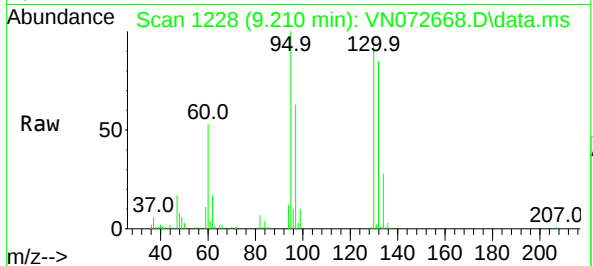
Tgt Ion: 62 Resp: 112037
Ion Ratio Lower Upper
62 100
98 7.9 6.6 10.0





#37
Trichloroethene
Concen: 19.527 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20

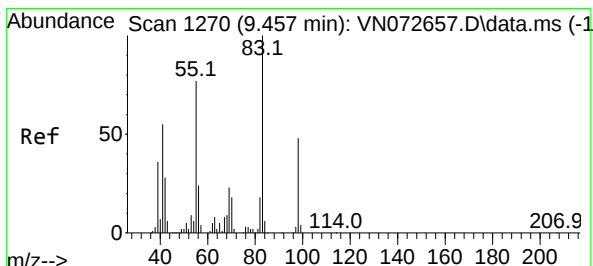
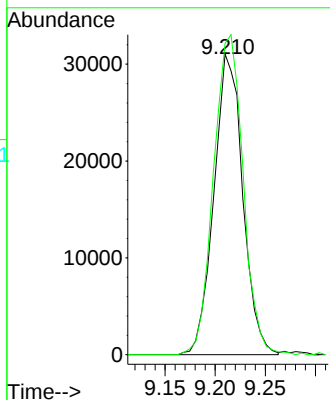
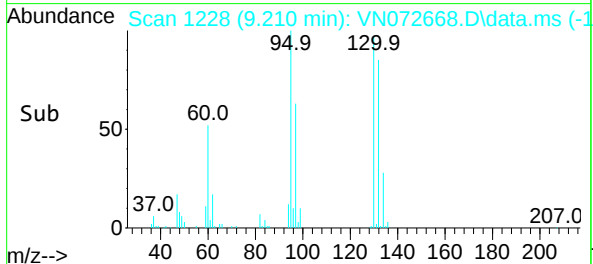
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01



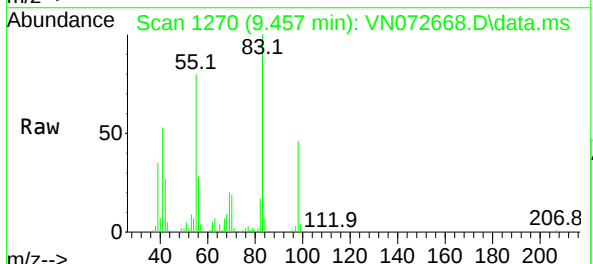
Tgt Ion:130 Resp: 6206
Ion Ratio Lower Upper
130 100
95 103.5 76.6 115.0

Manual Integrations
APPROVED

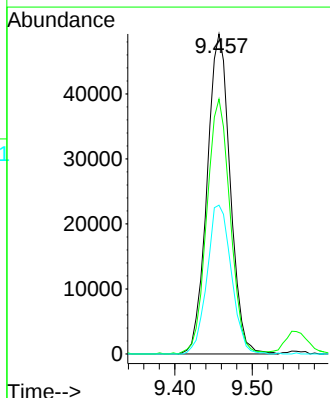
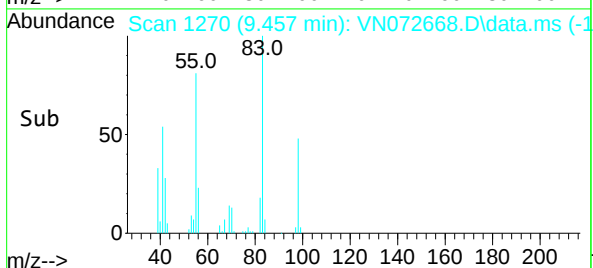
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

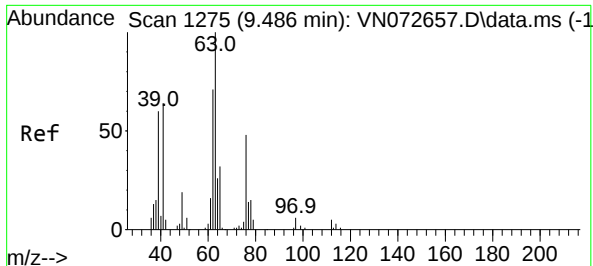


#38
Methylcyclohexane
Concen: 19.120 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20



Tgt Ion: 83 Resp: 101723
Ion Ratio Lower Upper
83 100
55 80.6 35.1 105.3
98 48.9 23.4 70.2





#39

1,2-Dichloropropane

Concen: 21.147 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN072668.D

Acq: 06 Jun 2022 17:20

Instrument :

MSVOA_N

ClientSampleId :

VN0606WBS01

Tgt Ion: 63 Resp: 76594

Ion Ratio Lower Upper

63 100

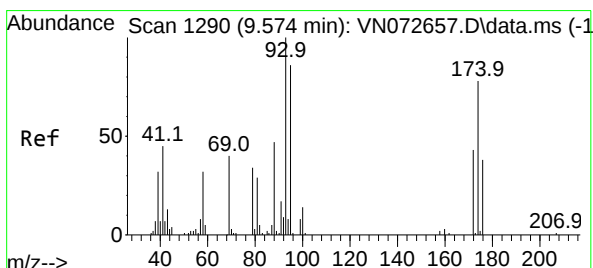
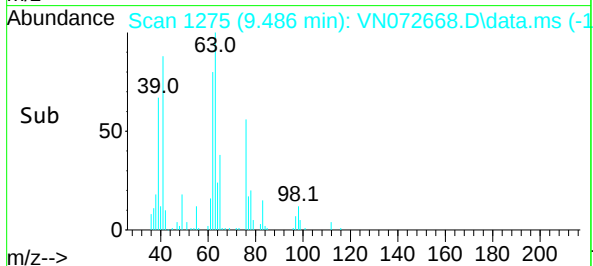
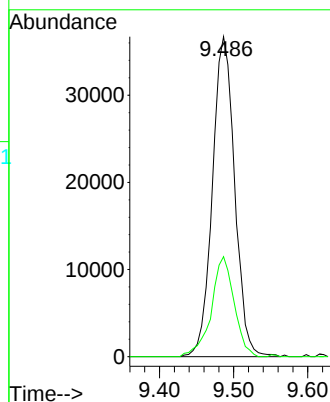
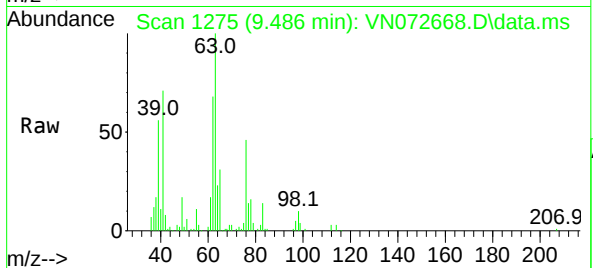
65 31.3 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#40

Dibromomethane

Concen: 20.292 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. 0.000 min

Lab File: VN072668.D

Acq: 06 Jun 2022 17:20

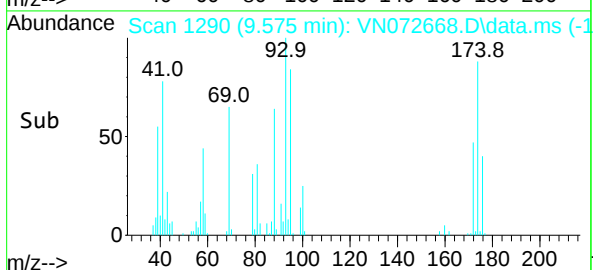
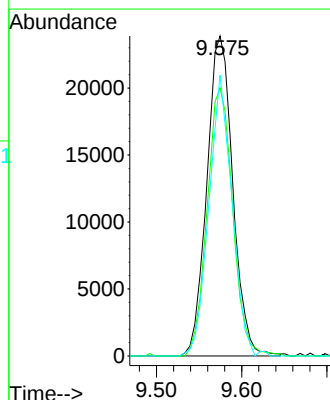
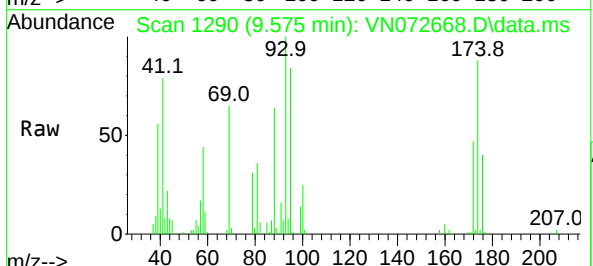
Tgt Ion: 93 Resp: 50456

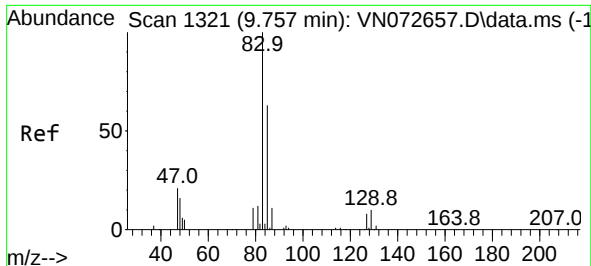
Ion Ratio Lower Upper

93 100

95 83.0 0.0 168.8

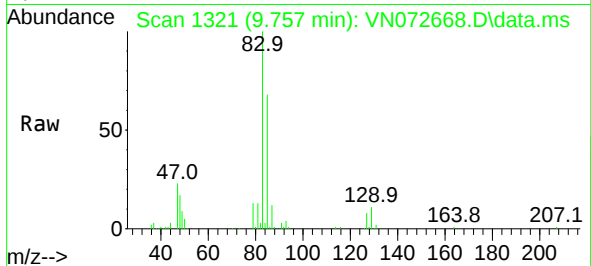
174 78.0 0.0 173.6





#41
Bromodichloromethane
Concen: 20.196 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20

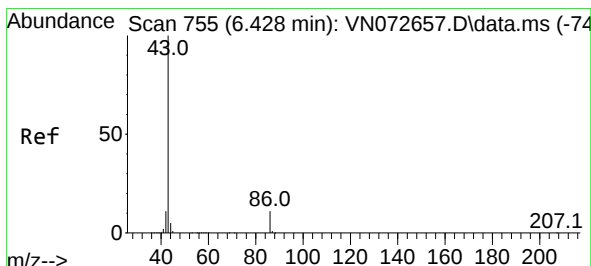
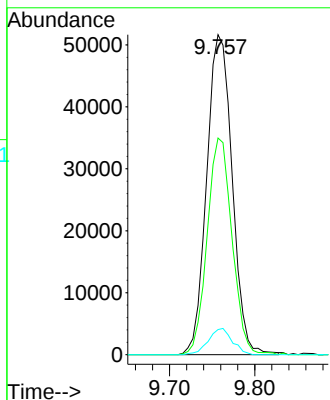
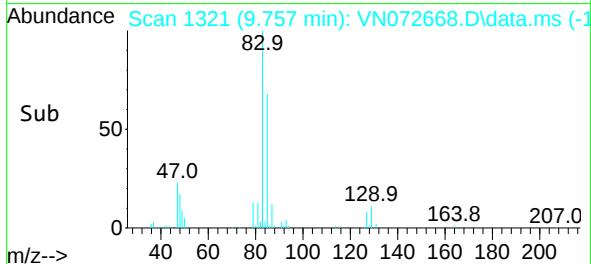
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01



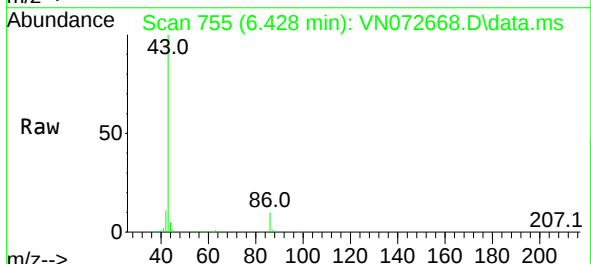
Tgt Ion: 83 Resp: 107410
Ion Ratio Lower Upper
83 100
85 67.7 54.1 81.1
127 7.9 7.6 11.4

Manual Integrations
APPROVED

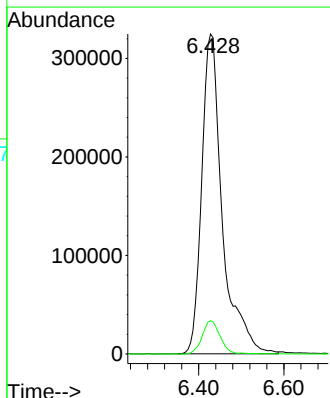
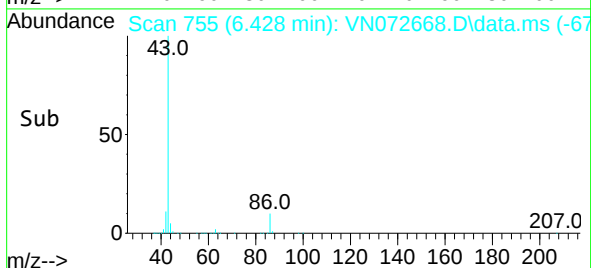
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

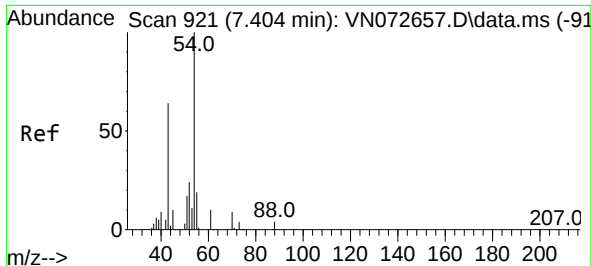


#42
Vinyl Acetate
Concen: 103.789 ug/l
RT: 6.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20



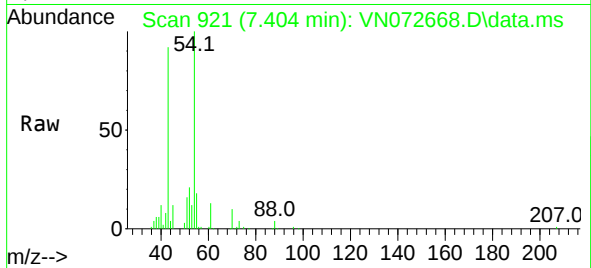
Tgt Ion: 43 Resp: 1089754
Ion Ratio Lower Upper
43 100
86 8.9 7.5 11.3





#43
Ethyl Acetate
Concen: 21.376 ug/l
RT: 7.404 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20

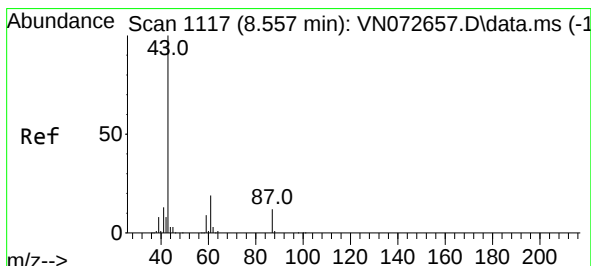
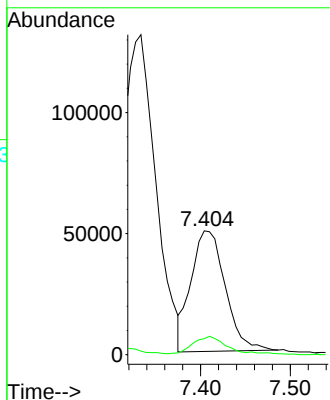
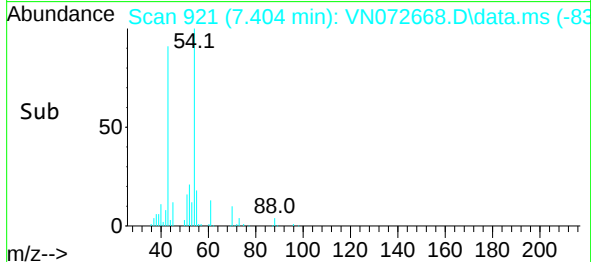
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01



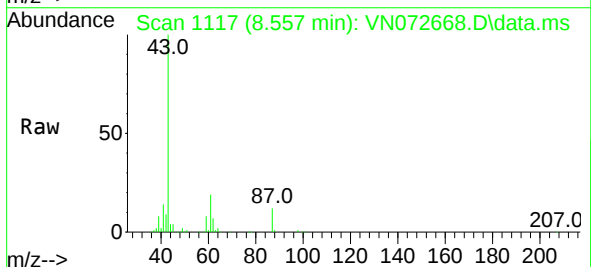
Tgt Ion: 43 Resp: 132086
Ion Ratio Lower Upper
43 100
45 14.5 10.6 16.0

Manual Integrations
APPROVED

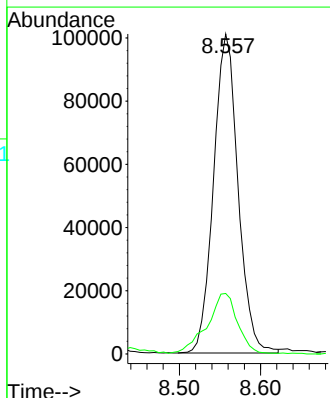
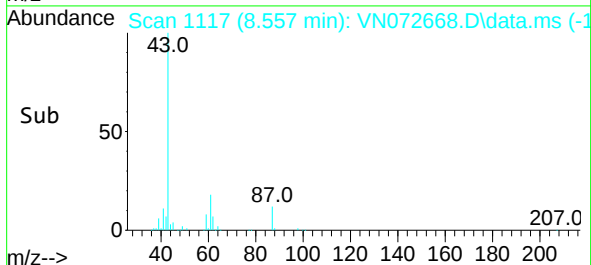
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

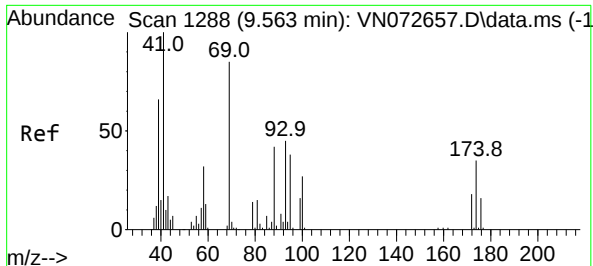


#44
Isopropyl Acetate
Concen: 20.663 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20



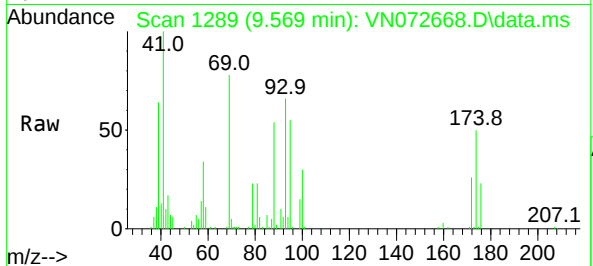
Tgt Ion: 43 Resp: 211798
Ion Ratio Lower Upper
43 100
61 23.3 20.1 30.1





#45
1,4-Dioxane
Concen: 456.549 ug/l
RT: 9.569 min Scan# 1289
Delta R.T. 0.006 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20

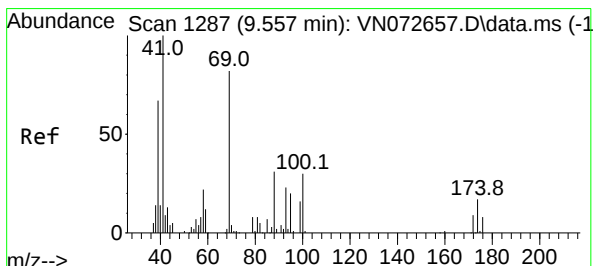
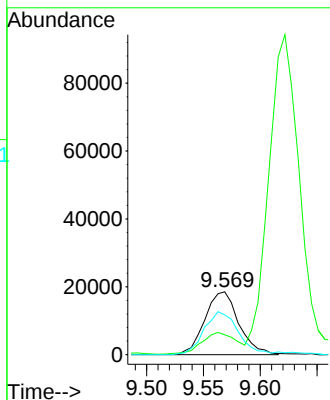
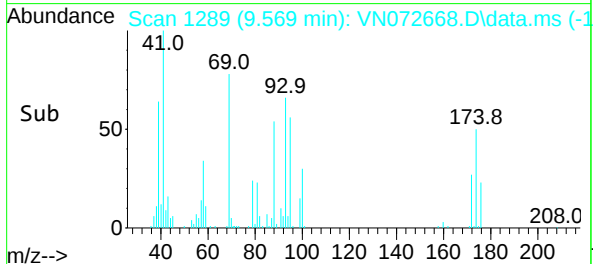
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01



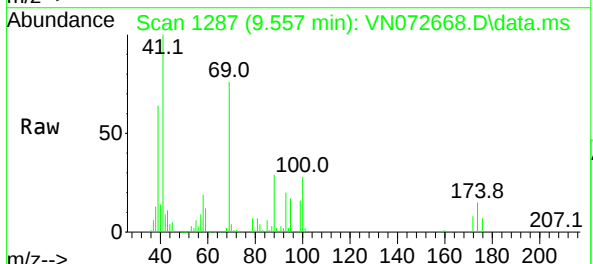
Tgt Ion: 88 Resp: 38450
Ion Ratio Lower Upper
88 100
43 35.1 25.0 37.6
58 69.0 49.4 74.2

Manual Integrations
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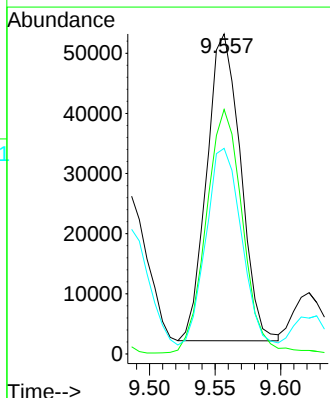
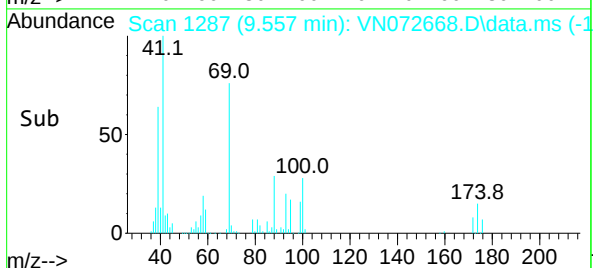
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

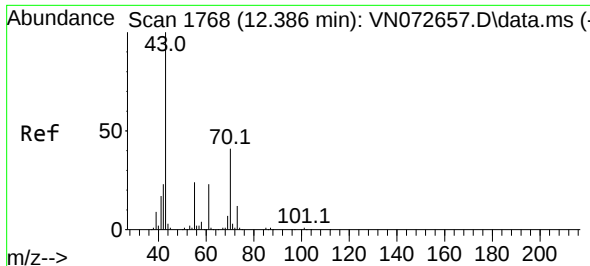


#46
Methyl methacrylate
Concen: 20.022 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.000 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20



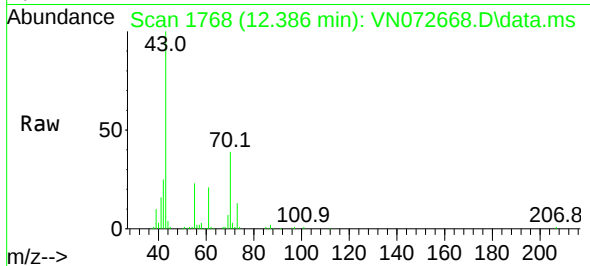
Tgt Ion: 41 Resp: 91765
Ion Ratio Lower Upper
41 100
69 78.5 44.4 133.2
39 64.2 39.9 119.6





#47
n-amy1 Acetate
Concen: 19.437 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20

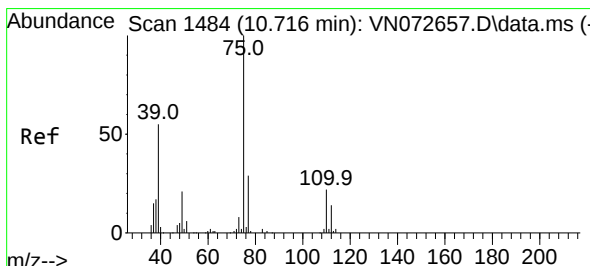
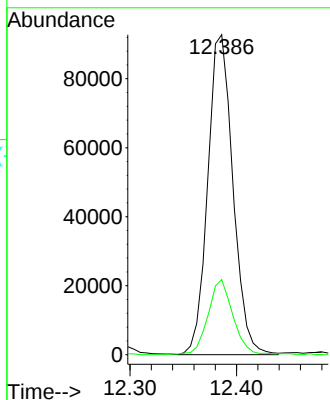
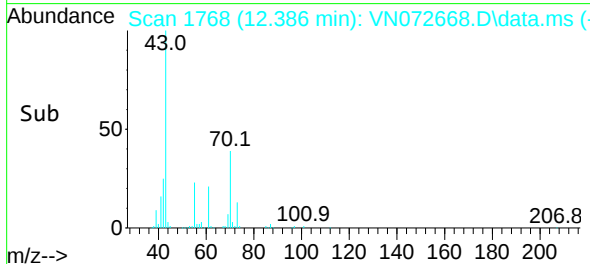
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01



Tgt Ion: 43 Resp: 152528
Ion Ratio Lower Upper
43 100
55 22.9 19.0 28.6

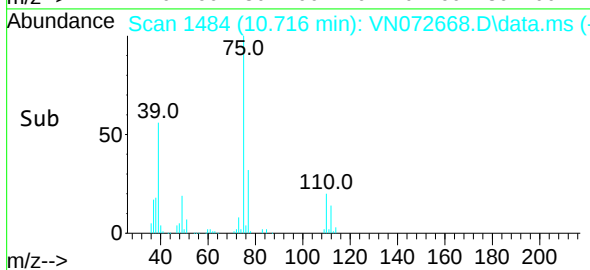
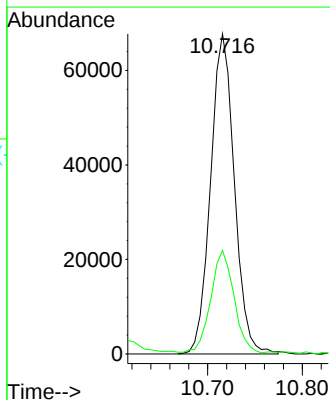
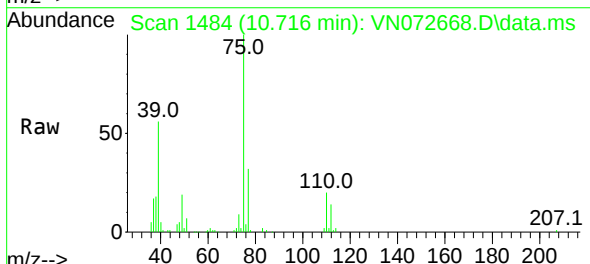
Manual Integrations
APPROVED

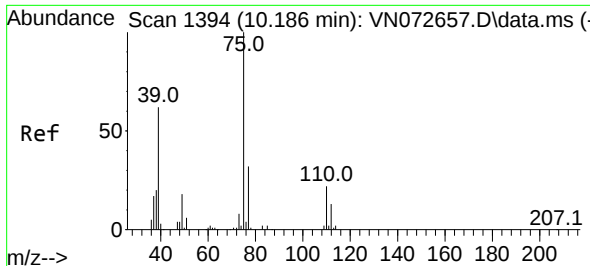
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#48
t-1,3-Dichloropropene
Concen: 19.489 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20

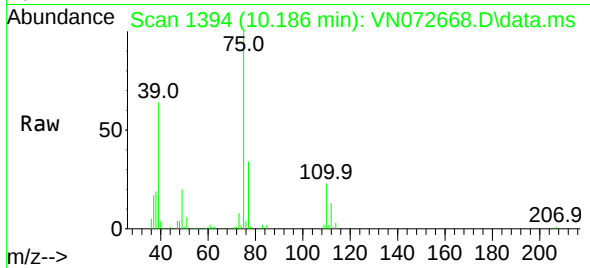
Tgt Ion: 75 Resp: 118315
Ion Ratio Lower Upper
75 100
77 31.9 25.3 37.9





#49
 cis-1,3-Dichloropropene
 Concen: 19.725 ug/l
 RT: 10.186 min Scan# 1394
 Delta R.T. 0.000 min
 Lab File: VN072668.D
 Acq: 06 Jun 2022 17:20

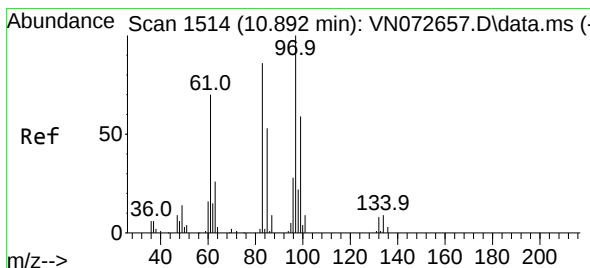
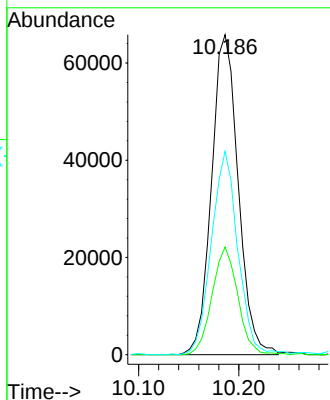
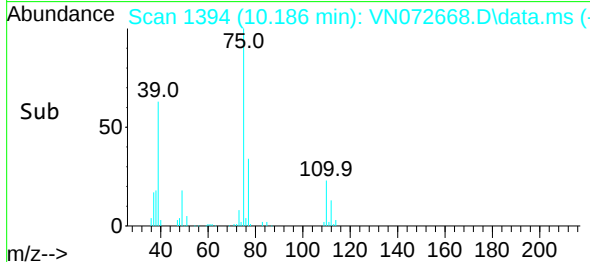
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0606WBS01



Tgt Ion: 75 Resp: 12160
 Ion Ratio Lower Upper
 75 100
 77 33.7 25.3 37.9
 39 63.5 46.2 69.4

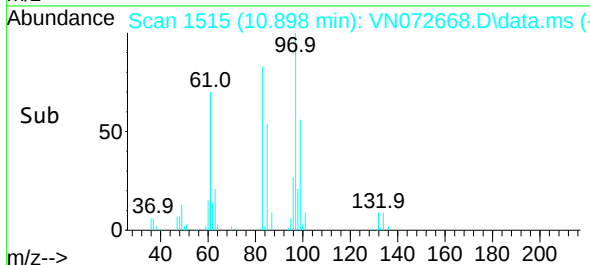
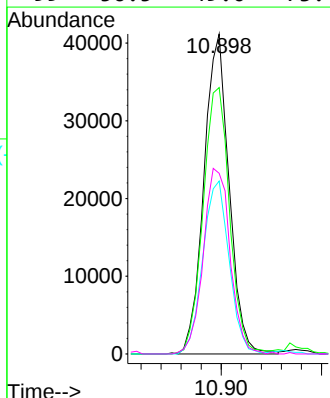
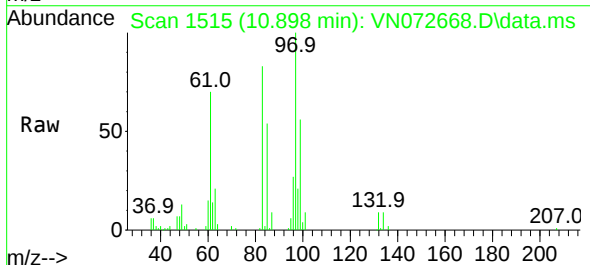
Manual Integrations
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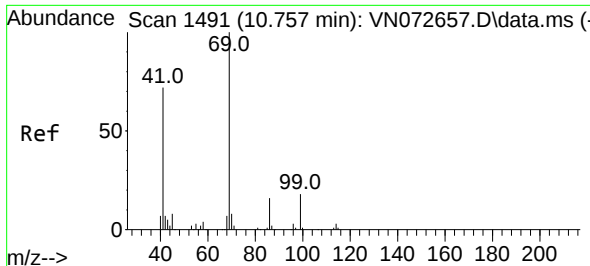
Reviewed By :John Carlone 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022



#50
 1,1,2-Trichloroethane
 Concen: 20.434 ug/l
 RT: 10.898 min Scan# 1515
 Delta R.T. 0.006 min
 Lab File: VN072668.D
 Acq: 06 Jun 2022 17:20

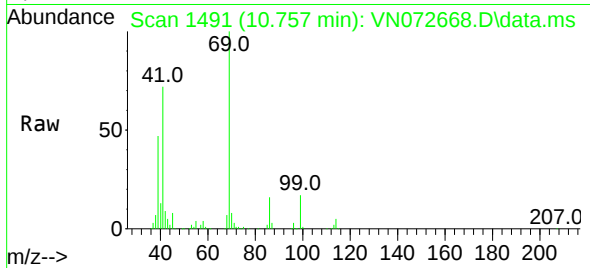
Tgt Ion: 97 Resp: 71833
 Ion Ratio Lower Upper
 97 100
 83 82.7 67.2 100.8
 85 54.1 43.0 64.4
 99 56.5 49.0 73.4





#51
Ethyl methacrylate
Concen: 20.098 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20

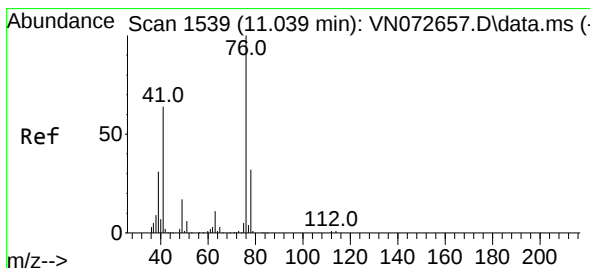
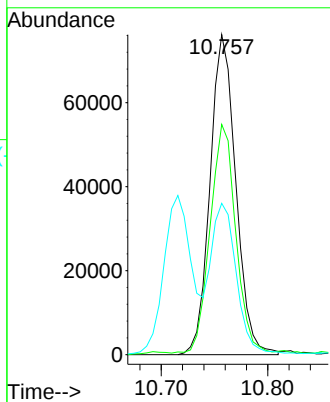
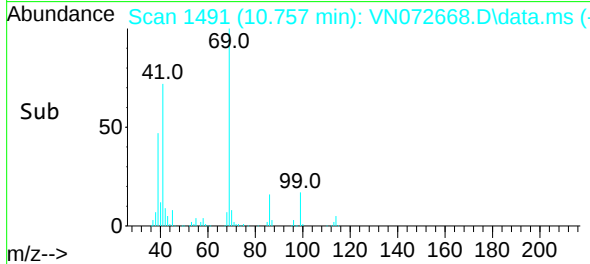
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01



Tgt Ion: 69 Resp: 12797
Ion Ratio Lower Upper
69 100
41 71.1 33.0 98.9
39 46.5 25.4 76.4

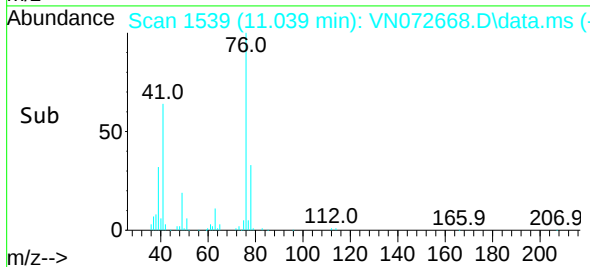
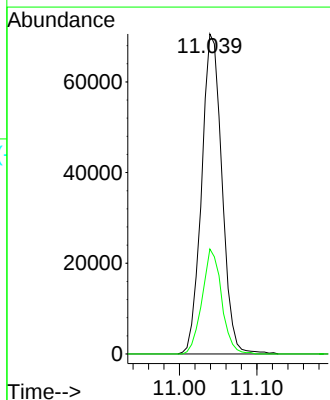
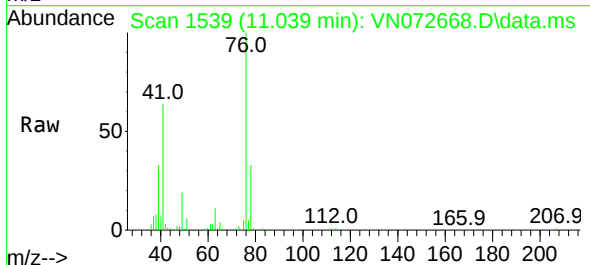
Manual Integrations
APPROVED

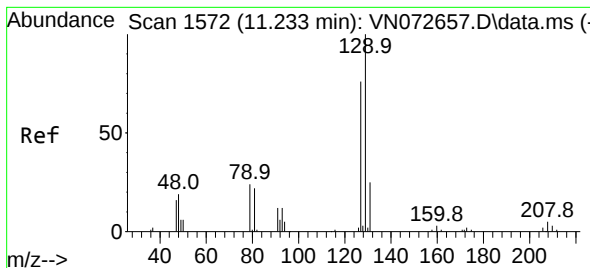
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#52
1,3-Dichloropropane
Concen: 20.596 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20

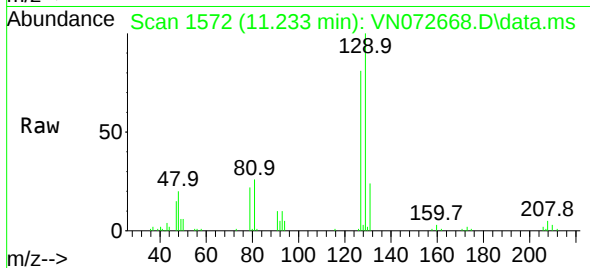
Tgt Ion: 76 Resp: 128845
Ion Ratio Lower Upper
76 100
78 31.4 0.0 65.4





#53
Dibromochloromethane
Concen: 19.702 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20

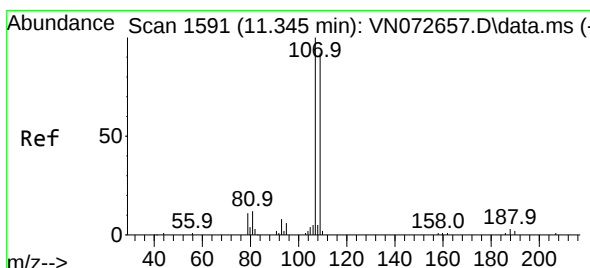
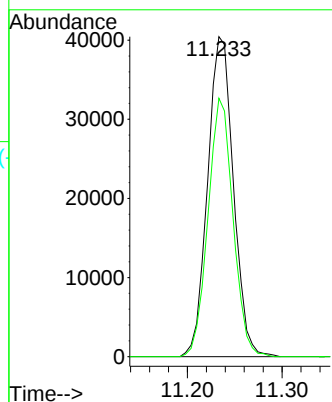
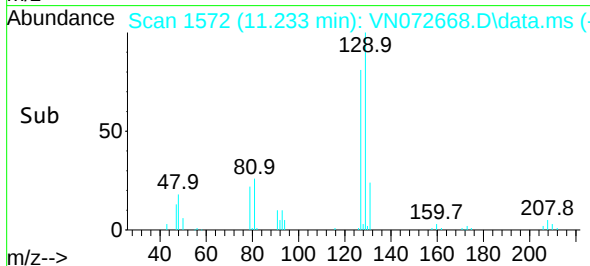
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01



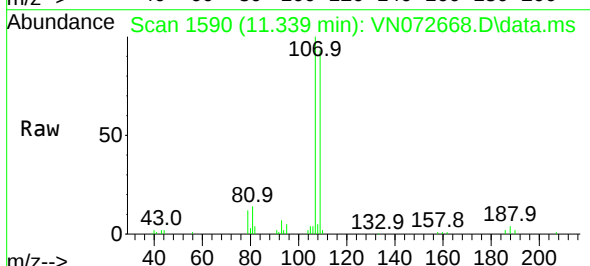
Tgt Ion:129 Resp: 7641
Ion Ratio Lower Upper
129 100
127 78.2 39.0 117.0

Manual Integrations
APPROVED

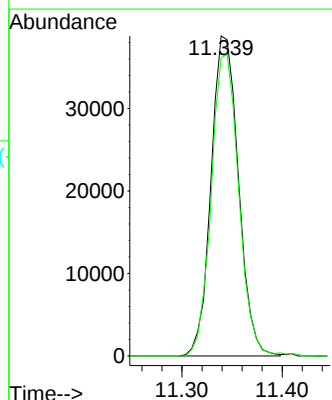
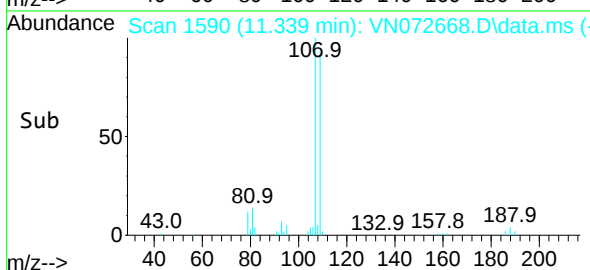
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

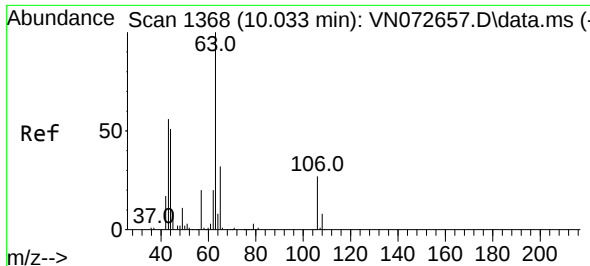


#54
1,2-Dibromoethane
Concen: 19.926 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20



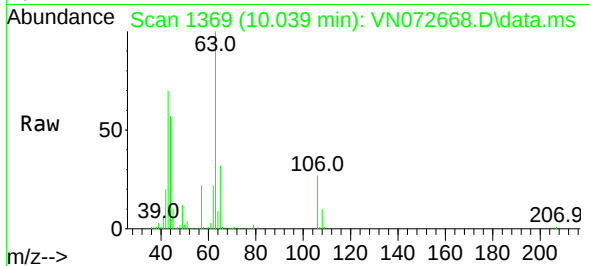
Tgt Ion:107 Resp: 73652
Ion Ratio Lower Upper
107 100
109 94.4 72.8 109.2





#55
2-Chloroethyl vinyl ether
Concen: 90.962 ug/l
RT: 10.039 min Scan# 1368
Delta R.T. 0.006 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20

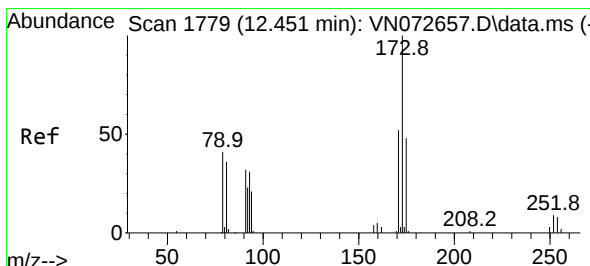
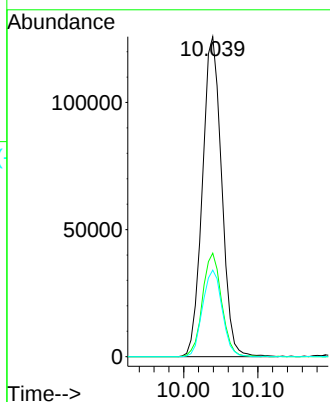
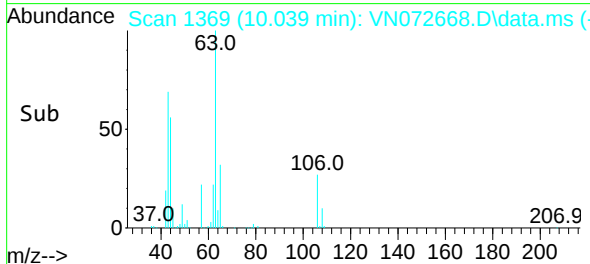
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01



Tgt Ion: 63 Resp: 22685
Ion Ratio Lower Upper
63 100
65 32.2 25.4 38.0
106 27.5 23.2 34.8

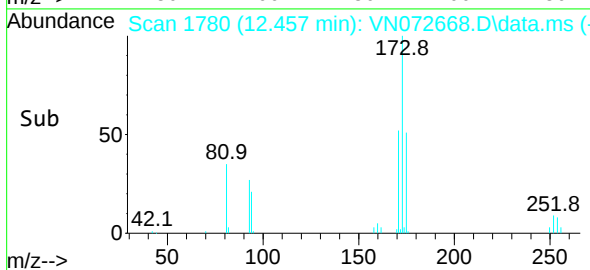
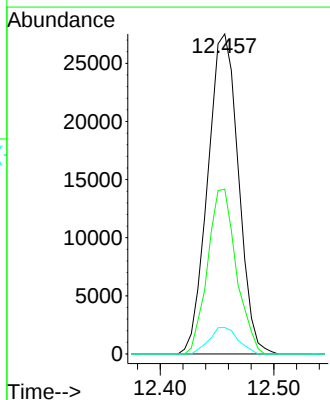
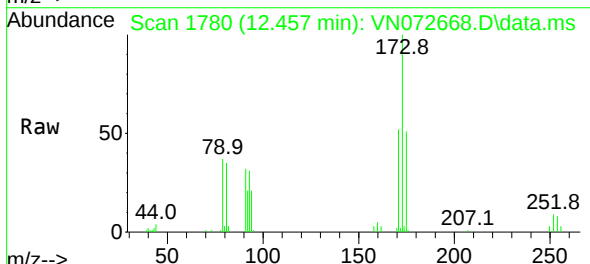
Manual Integrations
APPROVED

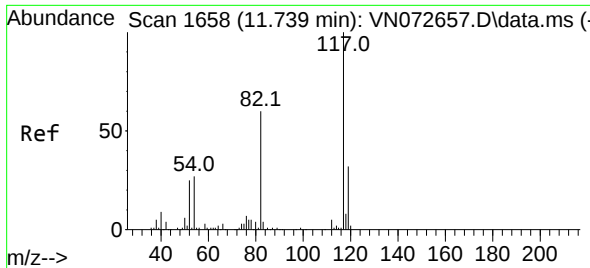
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#56
Bromoform
Concen: 19.104 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20

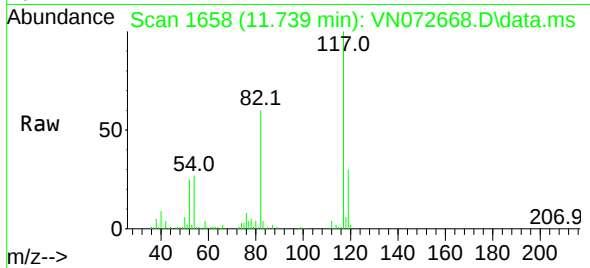
Tgt Ion:173 Resp: 51628
Ion Ratio Lower Upper
173 100
175 48.2 38.6 58.0
254 7.8 0.0 0.0#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20

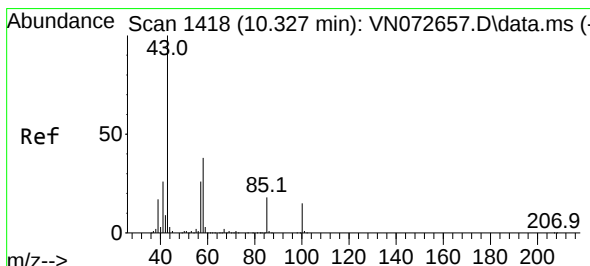
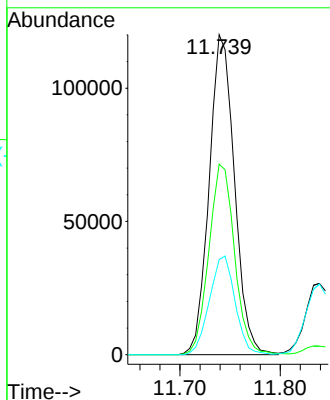
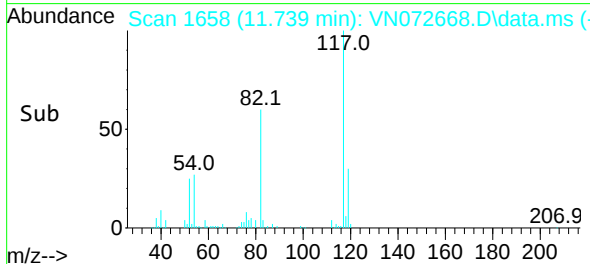
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01



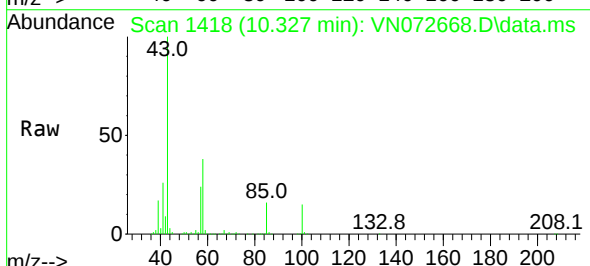
Tgt Ion: 117 Resp: 21078
Ion Ratio Lower Upper
117 100
82 60.6 43.6 65.4
119 31.2 25.8 38.6

Manual Integrations
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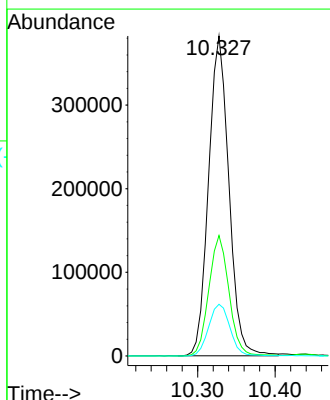
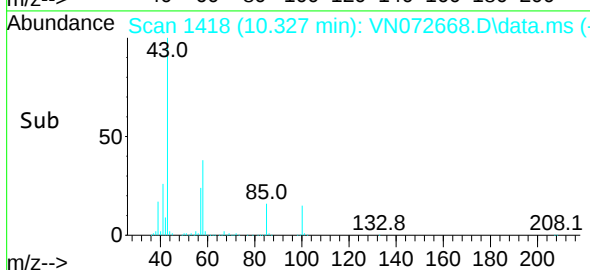
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

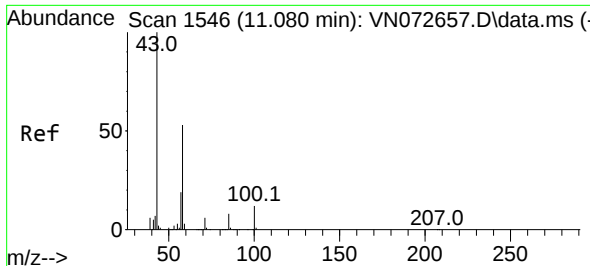


#58
4-Methyl-2-Pentanone
Concen: 110.187 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20



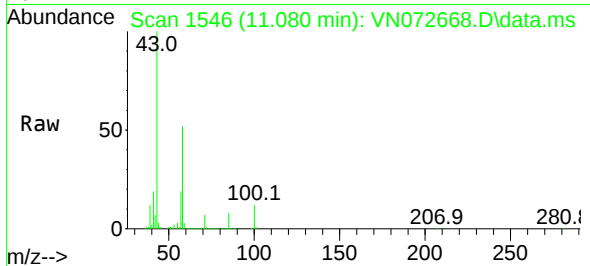
Tgt Ion: 43 Resp: 696618
Ion Ratio Lower Upper
43 100
58 37.4 30.0 45.0
85 17.0 15.0 22.6





#59
2-Hexanone
Concen: 109.861 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20

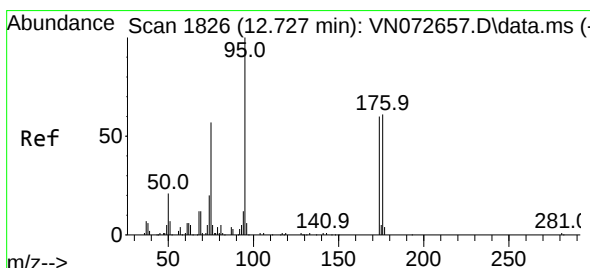
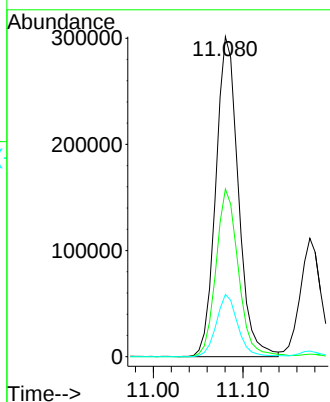
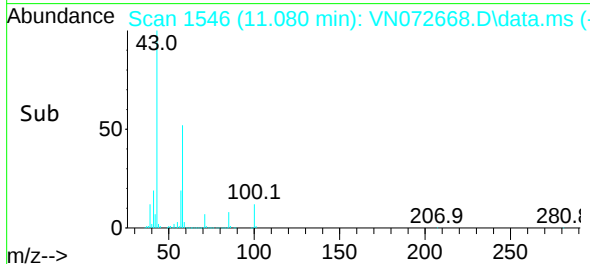
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01



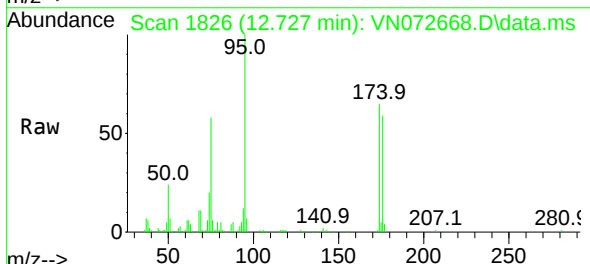
Tgt Ion: 43 Resp: 526579
Ion Ratio Lower Upper
43 100
58 51.9 42.2 63.2
57 18.7 15.0 22.4

Manual Integrations
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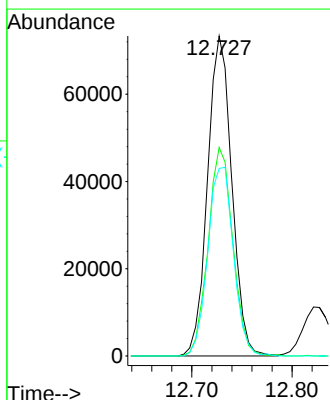
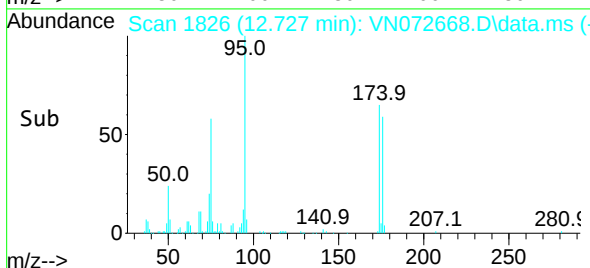
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

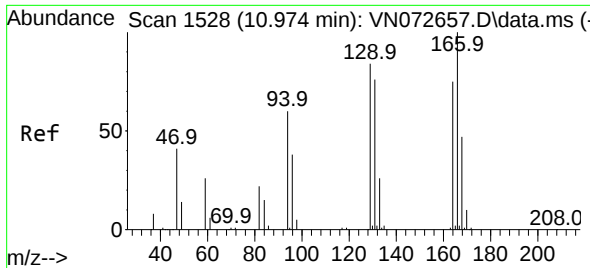


#60
4-Bromofluorobenzene
Concen: 28.496 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20



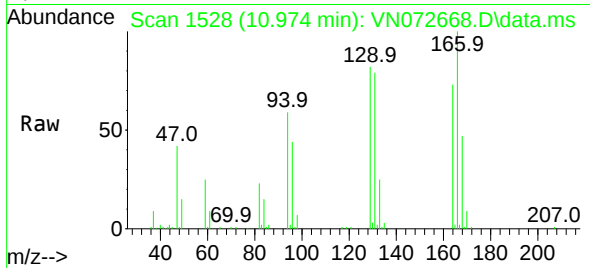
Tgt Ion: 95 Resp: 123538
Ion Ratio Lower Upper
95 100
174 66.3 62.9 94.3
176 62.5 61.0 91.4





#61
Tetrachloroethene
Concen: 20.800 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20

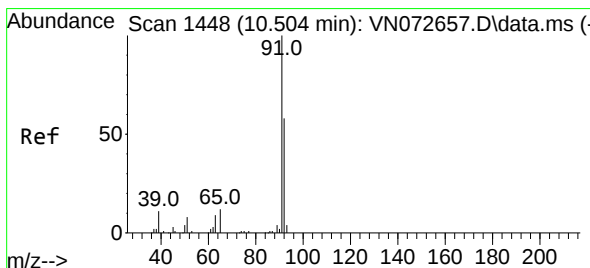
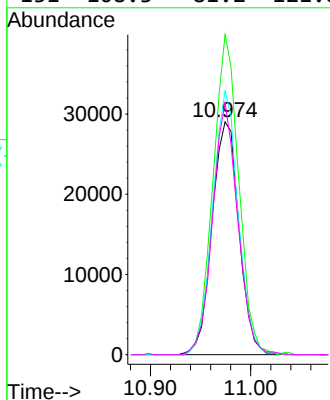
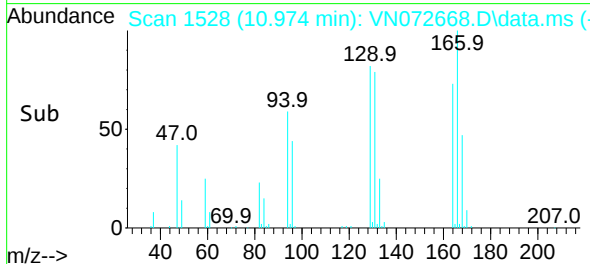
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01



Tgt Ion:164 Resp: 54250
Ion Ratio Lower Upper
164 100
166 137.5 105.8 158.8
129 113.2 82.5 123.7
131 108.3 81.2 121.8

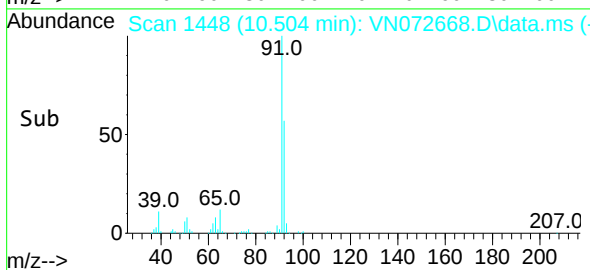
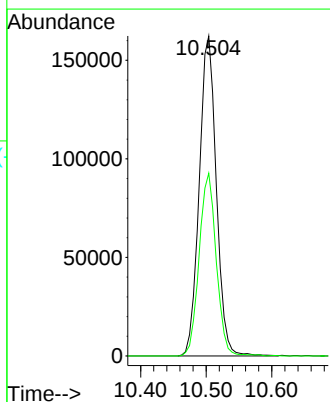
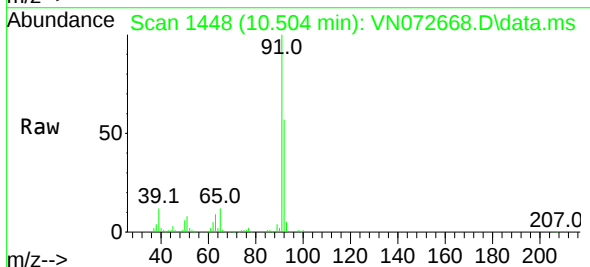
Manual Integrations
APPROVED

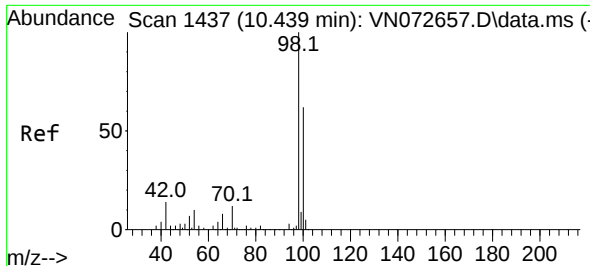
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#62
Toluene
Concen: 20.638 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20

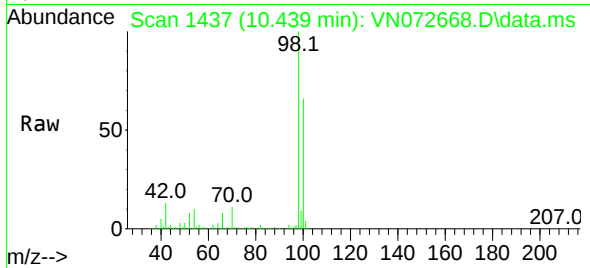
Tgt Ion: 91 Resp: 294962
Ion Ratio Lower Upper
91 100
92 57.0 44.6 67.0





#63
Toluene-d8
Concen: 31.544 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20

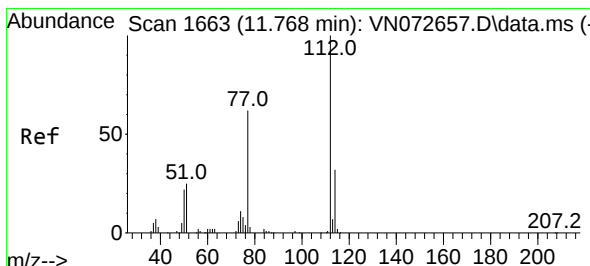
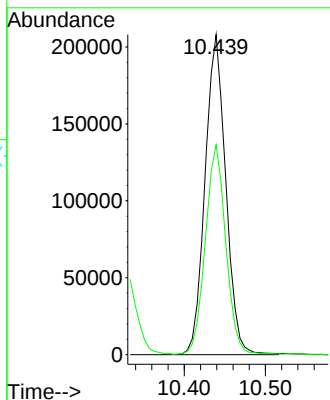
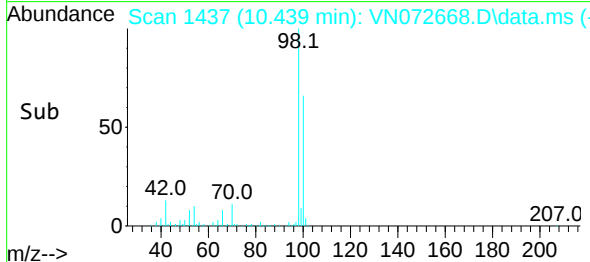
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01



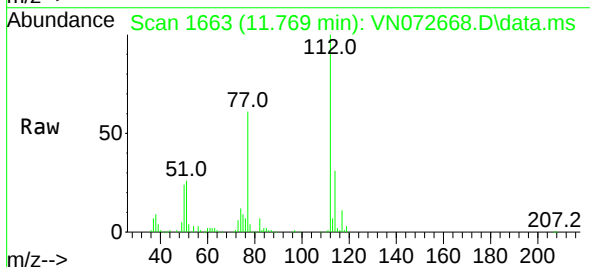
Tgt Ion: 98 Resp: 36832
Ion Ratio Lower Upper
98 100
100 64.8 50.6 76.0

Manual Integrations
APPROVED

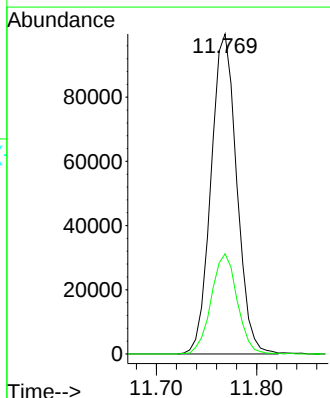
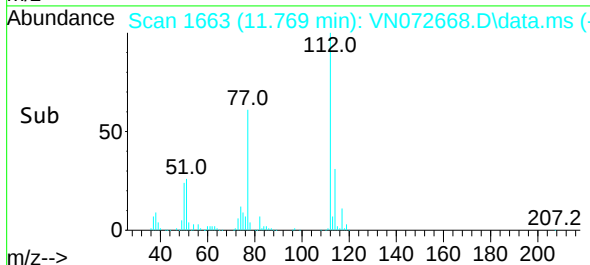
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

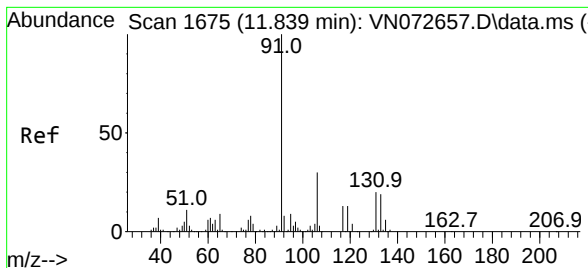


#64
Chlorobenzene
Concen: 20.407 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.000 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20



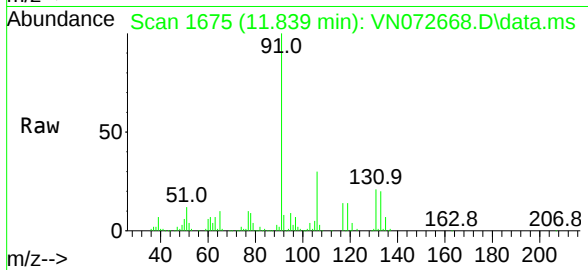
Tgt Ion:112 Resp: 177575
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 21.003 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20

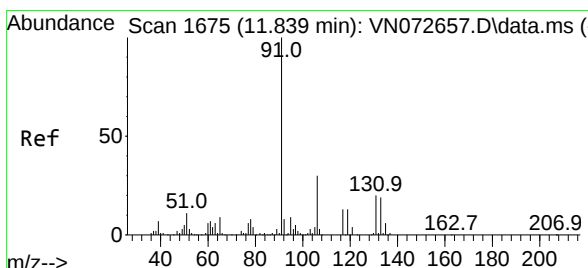
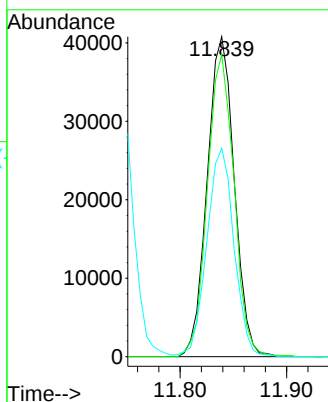
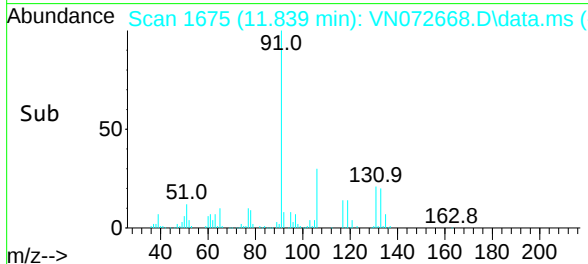
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01



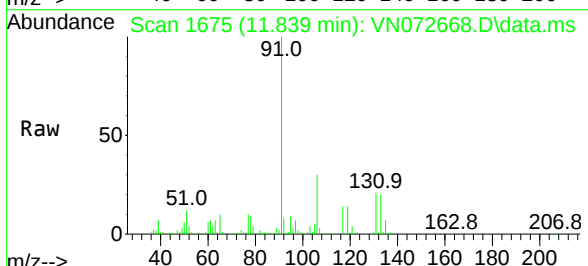
Tgt Ion:131 Resp: 7205
Ion Ratio Lower Upper
131 100
133 92.7 0.0 191.2
119 65.4 0.0 128.8

Manual Integrations
APPROVED

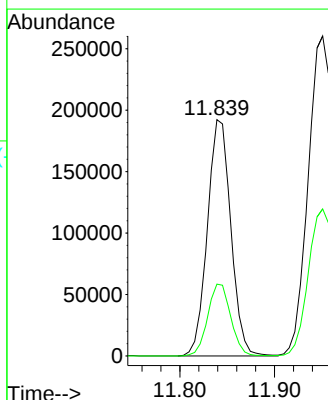
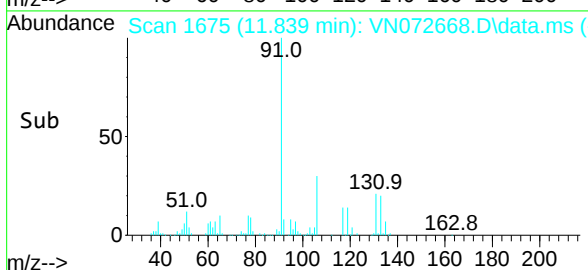
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

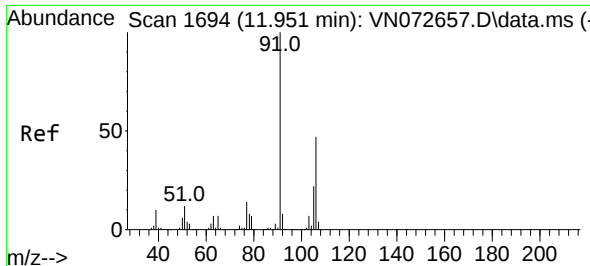


#66
Ethyl Benzene
Concen: 20.172 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20



Tgt Ion: 91 Resp: 330993
Ion Ratio Lower Upper
91 100
106 30.4 24.0 36.0





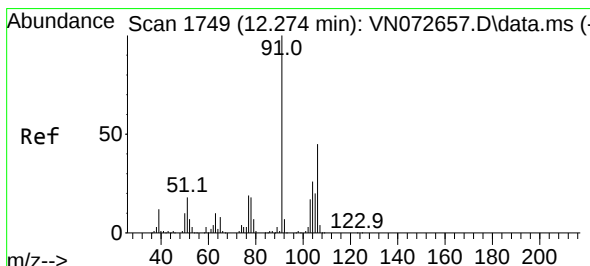
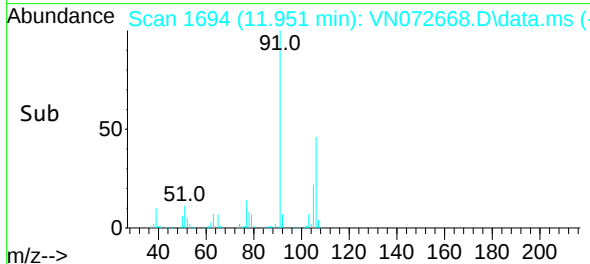
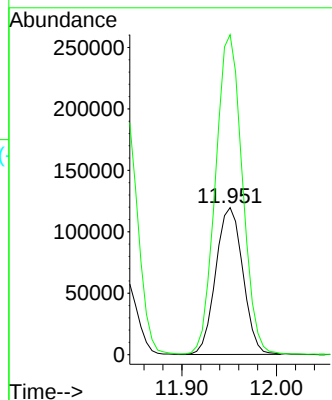
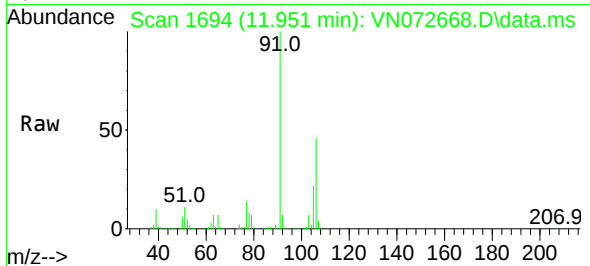
#67
m/p-Xylenes
Concen: 39.716 ug/l
RT: 11.951 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20

Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01

Tgt Ion:106 Resp: 237702
Ion Ratio Lower Upper
106 100
91 216.1 162.9 244.3

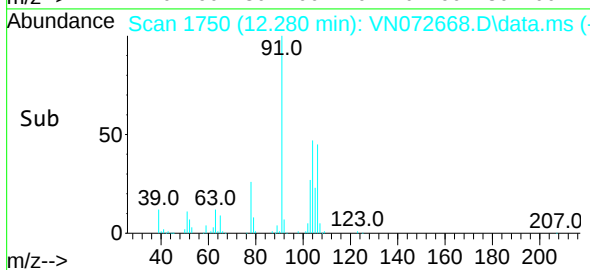
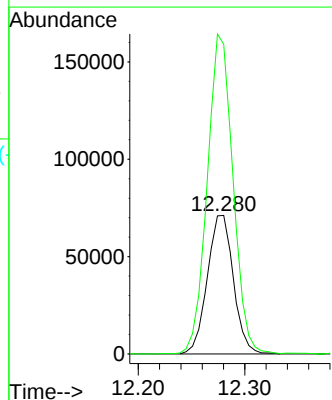
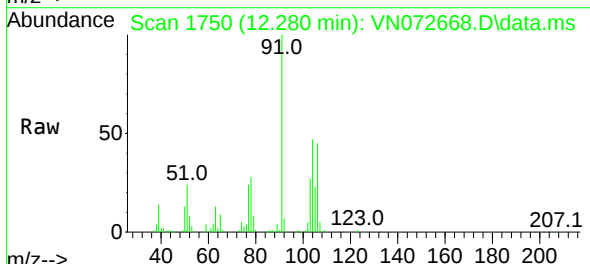
Manual Integrations
APPROVED

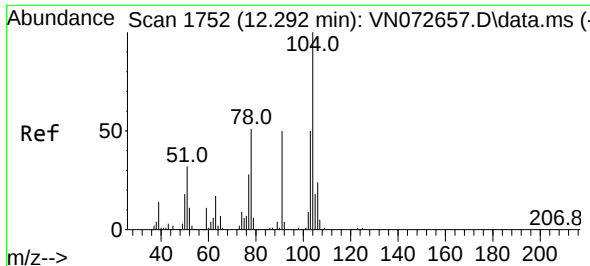
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#68
o-Xylene
Concen: 19.820 ug/l
RT: 12.280 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20

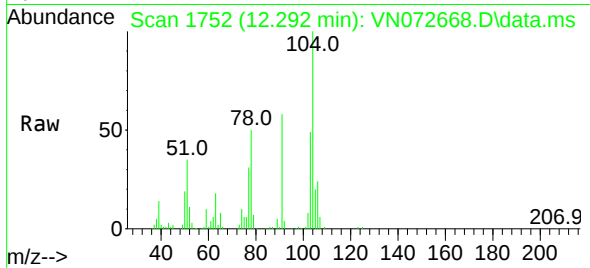
Tgt Ion:106 Resp: 121014
Ion Ratio Lower Upper
106 100
91 228.1 107.7 323.1





#69
Styrene
Concen: 19.476 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20

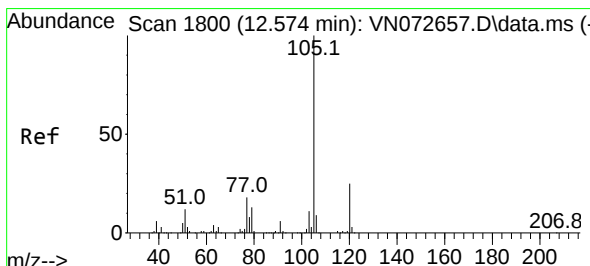
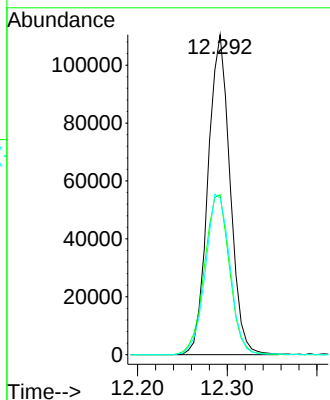
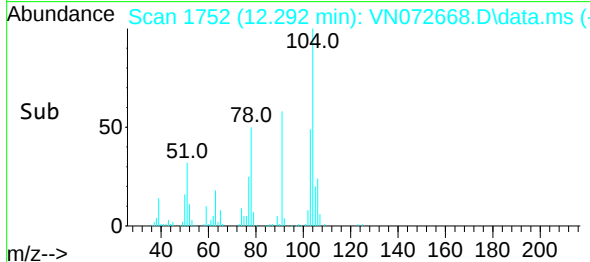
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01



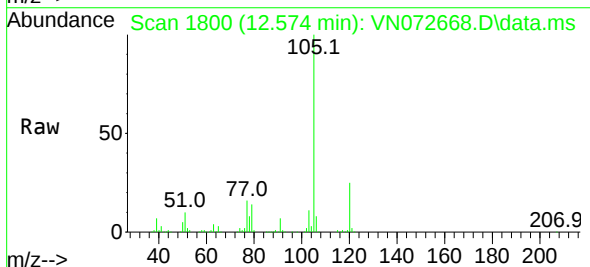
Tgt Ion:104 Resp: 188768
Ion Ratio Lower Upper
104 100
78 56.7 40.7 61.1
103 55.6 45.8 68.8

Manual Integrations
APPROVED

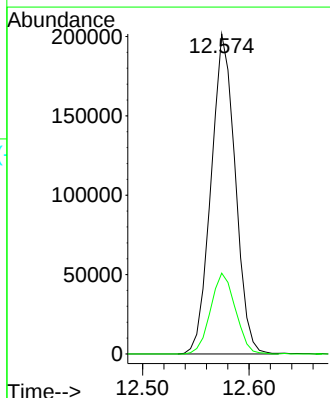
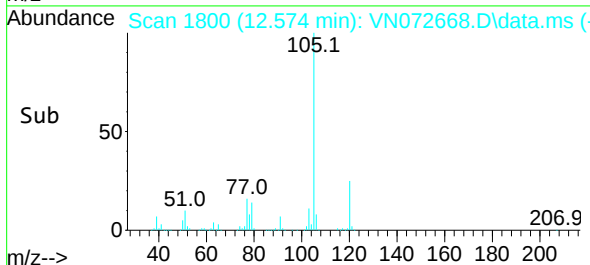
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

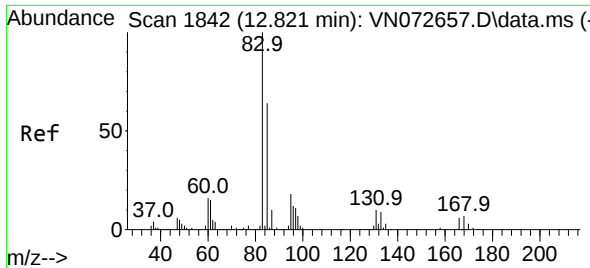


#70
Isopropylbenzene
Concen: 19.930 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20



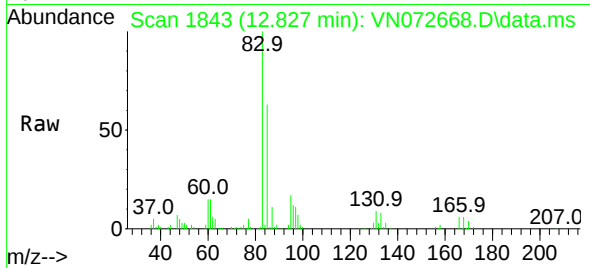
Tgt Ion:105 Resp: 317966
Ion Ratio Lower Upper
105 100
120 25.9 18.3 34.1





#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.819 ug/l
 RT: 12.827 min Scan# 1843
 Delta R.T. 0.006 min
 Lab File: VN072668.D
 Acq: 06 Jun 2022 17:20

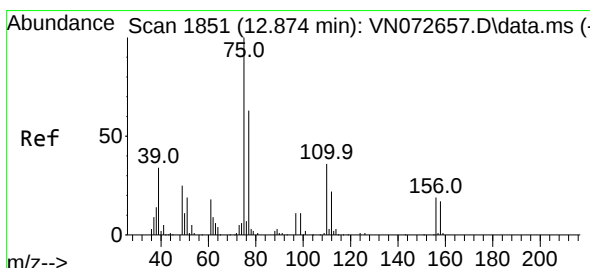
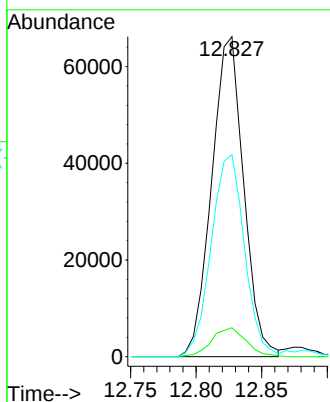
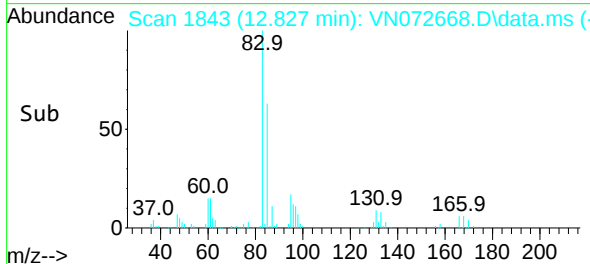
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0606WBS01



Tgt Ion: 83 Resp: 11243
 Ion Ratio Lower Upper
 83 100
 131 9.7 5.1 15.3
 85 65.4 33.1 99.2

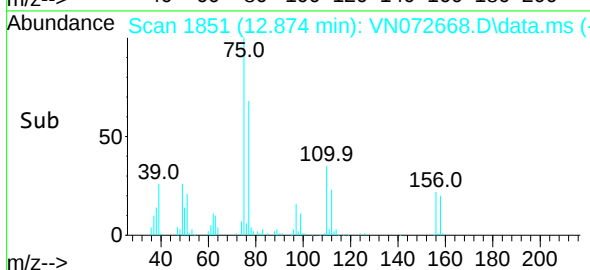
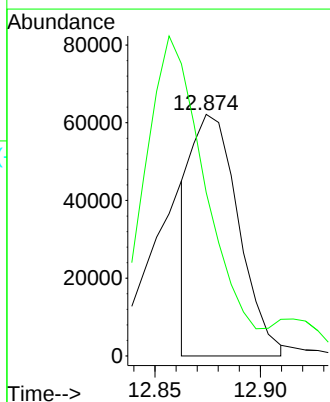
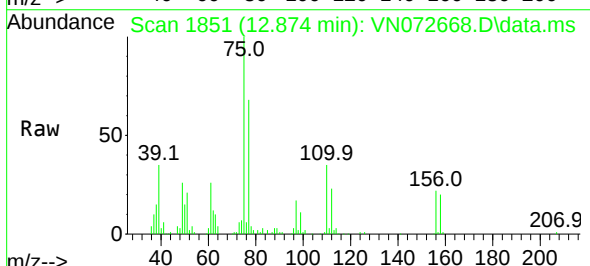
Manual Integrations
 APPROVED

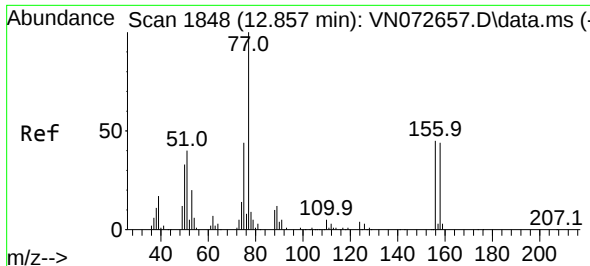
Reviewed By :John Carlone 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022



#72
 1,2,3-Trichloropropane
 Concen: 20.394 ug/l m
 RT: 12.874 min Scan# 1851
 Delta R.T. 0.000 min
 Lab File: VN072668.D
 Acq: 06 Jun 2022 17:20

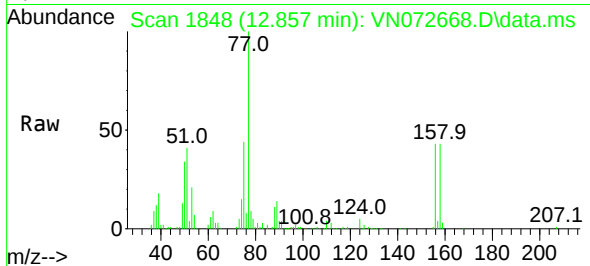
Tgt Ion: 75 Resp: 96118
 Ion Ratio Lower Upper
 75 100
 77 175.4 0.0 378.0





#73
Bromobenzene
Concen: 19.563 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20

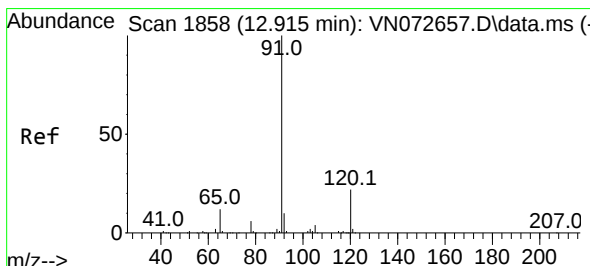
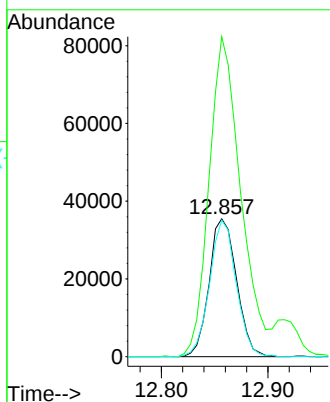
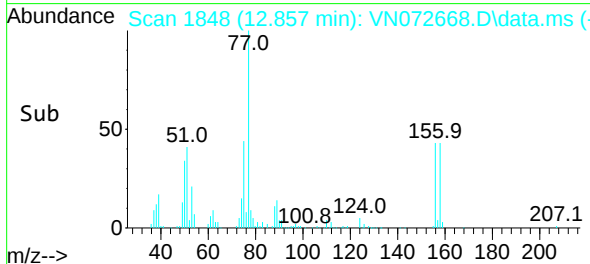
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01



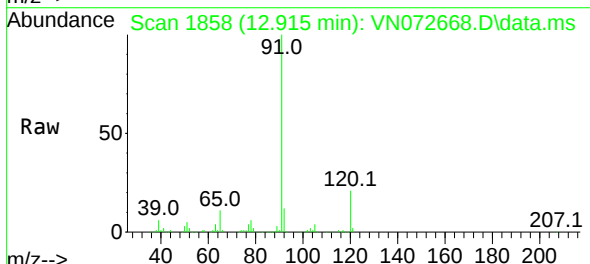
Tgt Ion:156 Resp: 63448
Ion Ratio Lower Upper
156 100
77 265.7 0.0 416.0
158 96.1 0.0 195.4

Manual Integrations
APPROVED

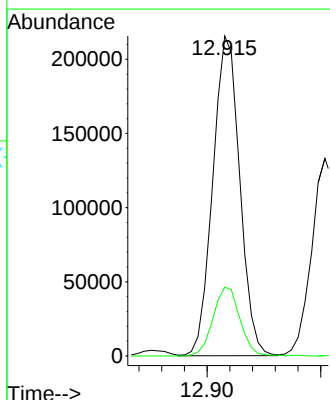
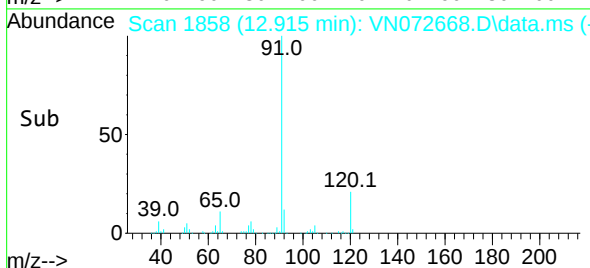
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

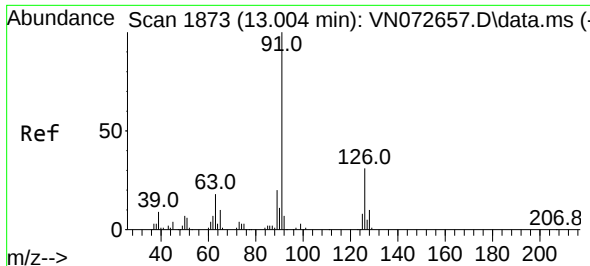


#74
n-propylbenzene
Concen: 19.451 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20



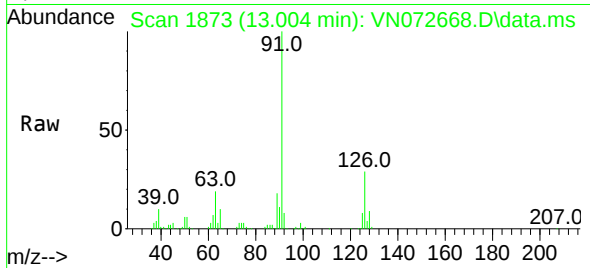
Tgt Ion: 91 Resp: 355114
Ion Ratio Lower Upper
91 100
120 21.4 0.0 45.0





#75
2-Chlorotoluene
Concen: 20.116 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20

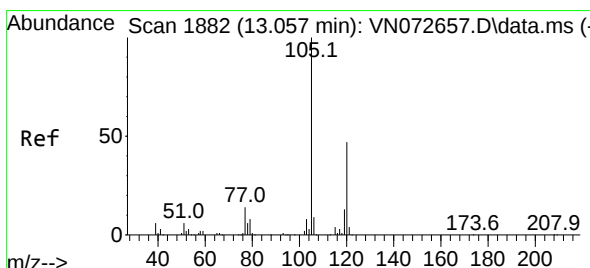
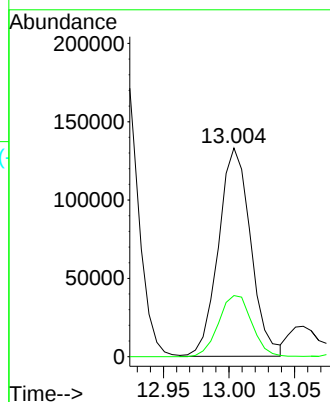
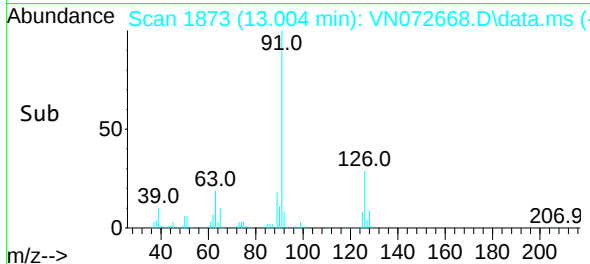
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01



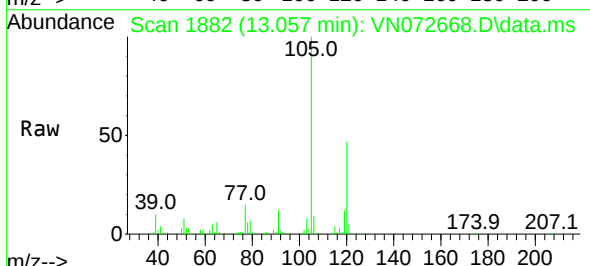
Tgt Ion: 91 Resp: 227638
Ion Ratio Lower Upper
91 100
126 30.3 0.0 69.8

Manual Integrations
APPROVED

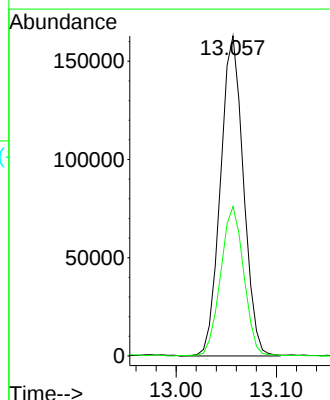
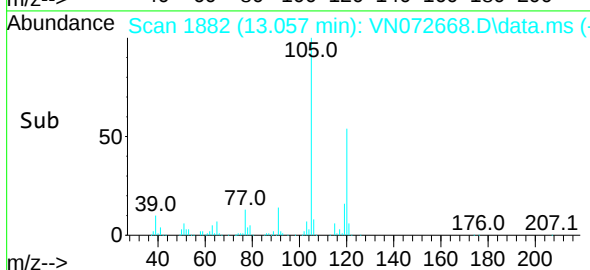
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

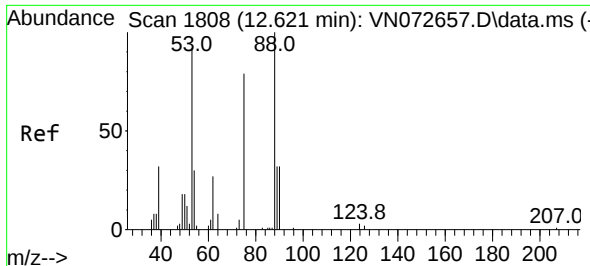


#76
1,3,5-Trimethylbenzene
Concen: 19.749 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20



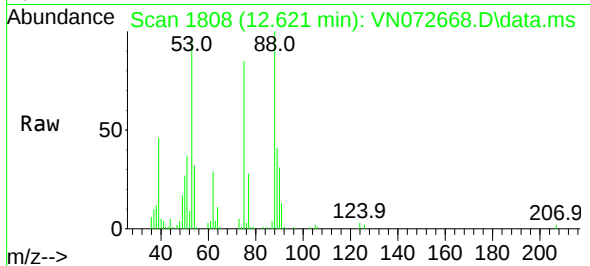
Tgt Ion:105 Resp: 258614
Ion Ratio Lower Upper
105 100
120 47.1 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 19.515 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20

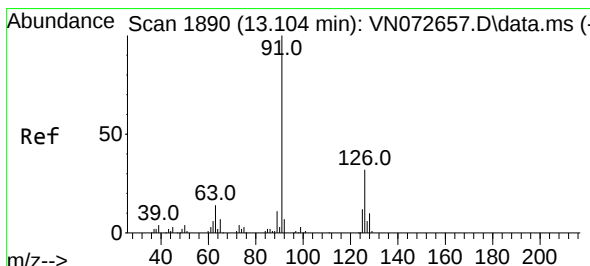
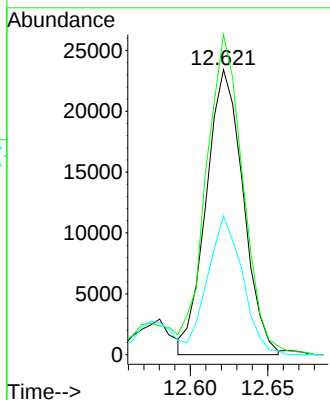
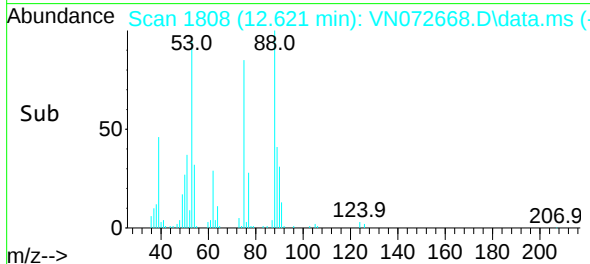
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01



Tgt Ion: 75 Resp: 3876
Ion Ratio Lower Upper
75 100
53 110.7 51.8 155.5
89 47.9 22.9 68.7

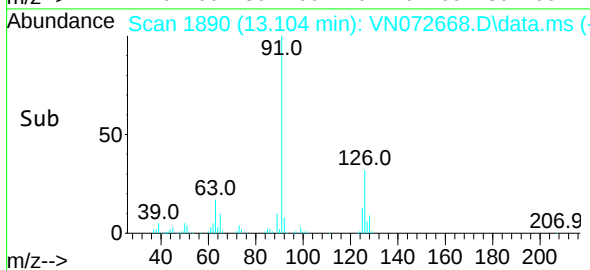
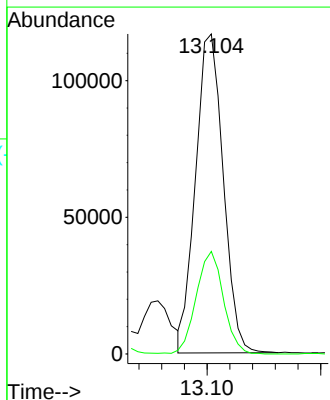
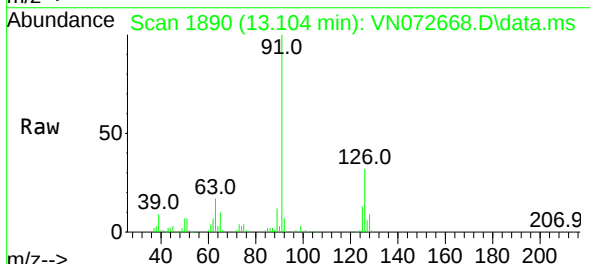
Manual Integrations
APPROVED

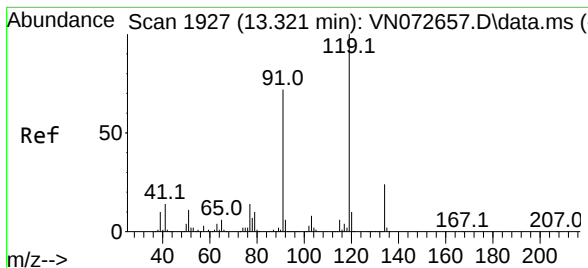
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#78
4-Chlorotoluene
Concen: 18.470 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20

Tgt Ion: 91 Resp: 197453
Ion Ratio Lower Upper
91 100
126 31.6 0.0 70.6





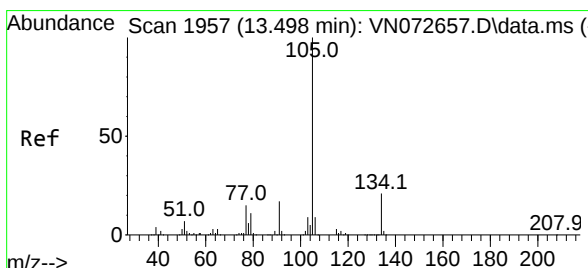
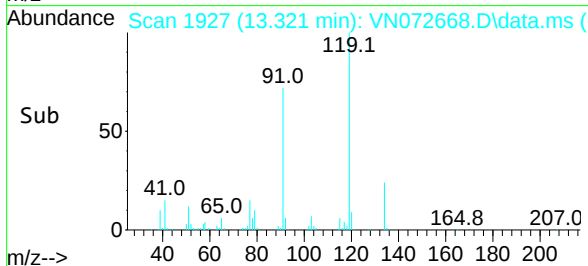
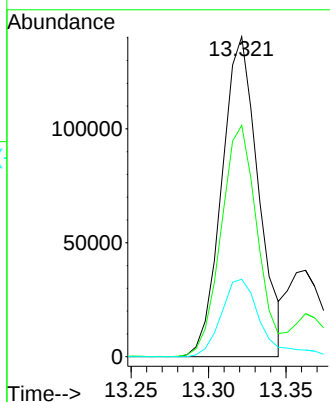
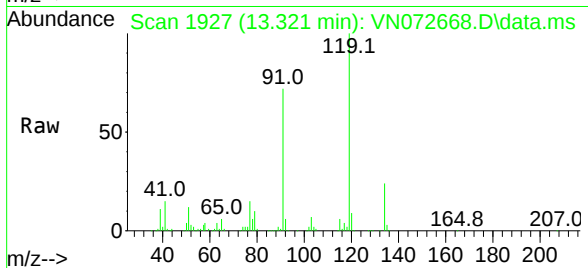
#79
tert-butylbenzene
Concen: 19.717 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20

Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01

Tgt Ion:119 Resp: 230519
Ion Ratio Lower Upper
119 100
91 71.2 0.0 137.0
134 26.4 0.0 47.6

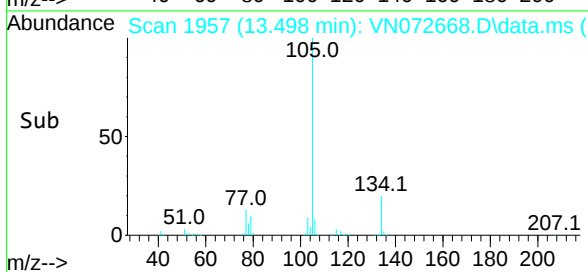
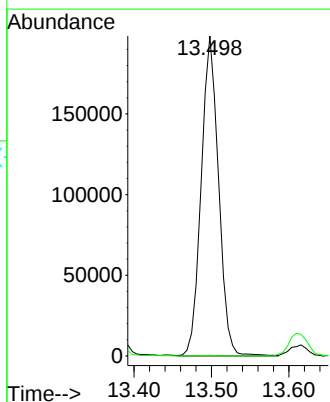
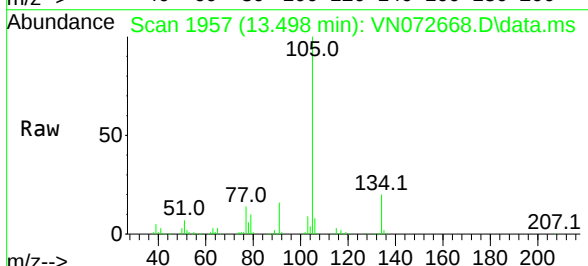
Manual Integrations
APPROVED

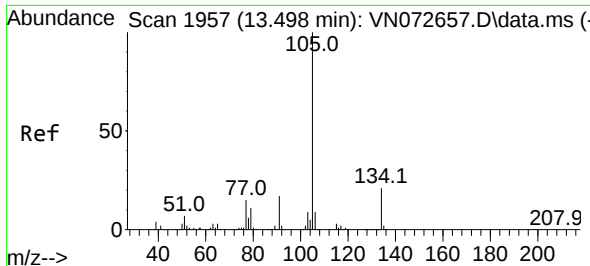
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#80
1,2,4-Trimethylbenzene
Concen: 19.560 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20

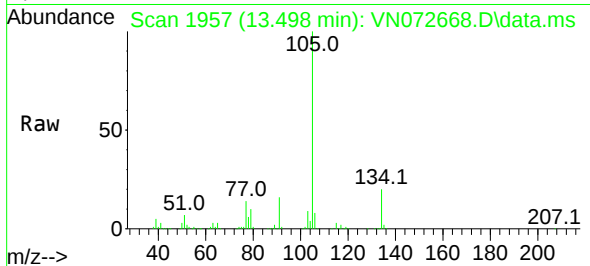
Tgt Ion:105 Resp: 308836
Ion Ratio Lower Upper
105 100
120 0.1 0.0 0.2





#81
 sec-Butylbenzene
 Concen: 19.560 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN072668.D
 Acq: 06 Jun 2022 17:20

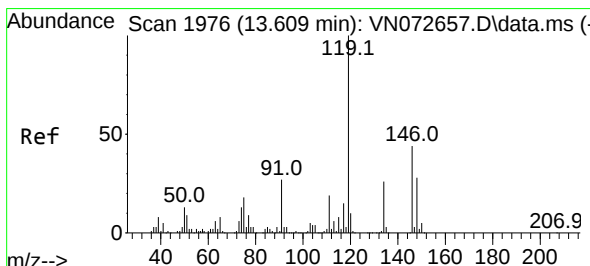
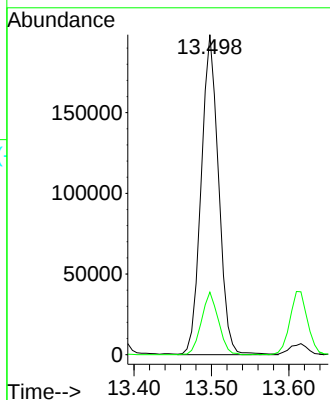
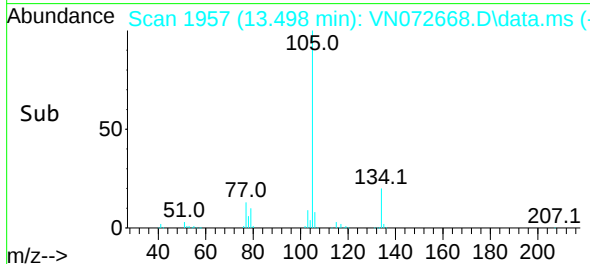
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0606WBS01



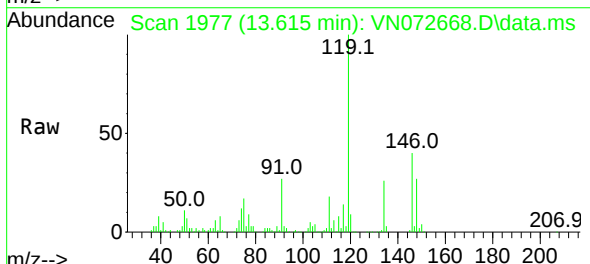
Tgt Ion:105 Resp: 308830
 Ion Ratio Lower Upper
 105 100
 134 19.0 0.0 39.4

Manual Integrations
 APPROVED

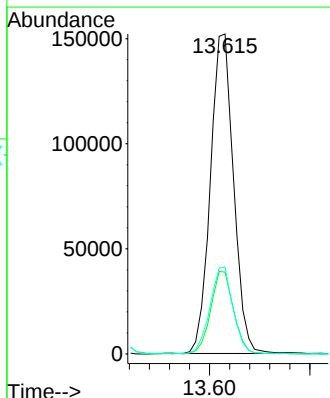
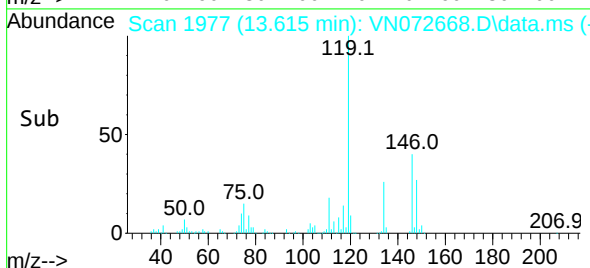
Reviewed By :John Carlone 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022

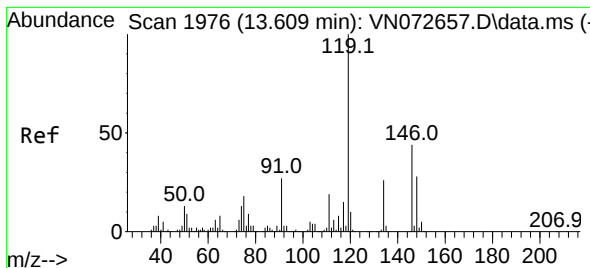


#82
 p-Isopropyltoluene
 Concen: 19.326 ug/l
 RT: 13.615 min Scan# 1977
 Delta R.T. 0.006 min
 Lab File: VN072668.D
 Acq: 06 Jun 2022 17:20



Tgt Ion:119 Resp: 243598
 Ion Ratio Lower Upper
 119 100
 134 25.5 0.0 51.8
 91 27.3 0.0 50.4





#83

1,3-Dichlorobenzene

Concen: 18.654 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VN072668.D

Acq: 06 Jun 2022 17:20

Instrument :

MSVOA_N

ClientSampleId :

VN0606WBS01

Tgt Ion:146 Resp: 105912

Ion Ratio Lower Upper

146 100

111 45.3 20.8 62.2

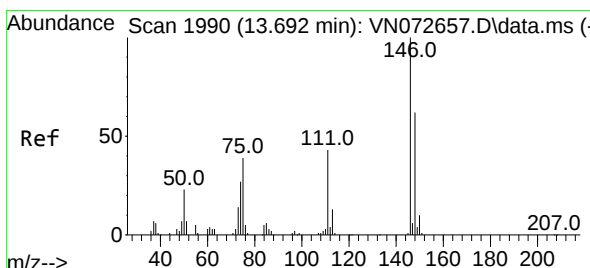
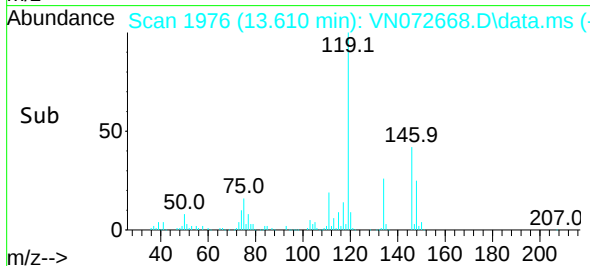
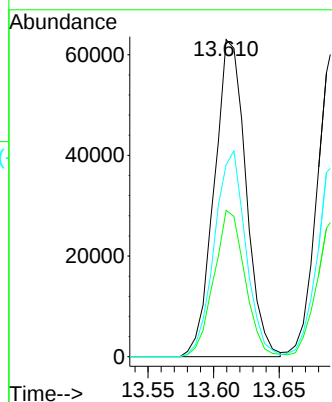
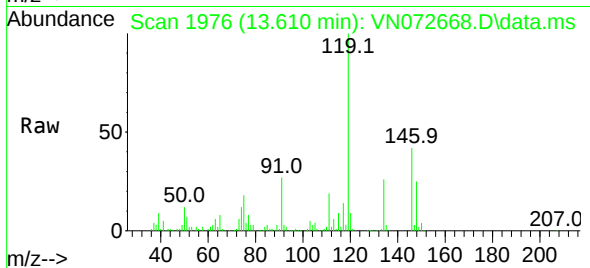
148 64.1 31.4 94.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#84

1,4-Dichlorobenzene

Concen: 19.137 ug/l

RT: 13.692 min Scan# 1990

Delta R.T. 0.000 min

Lab File: VN072668.D

Acq: 06 Jun 2022 17:20

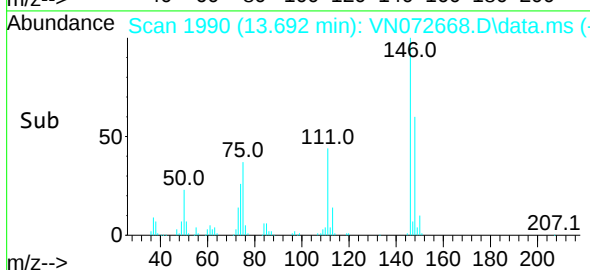
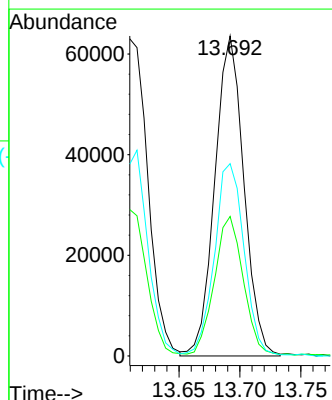
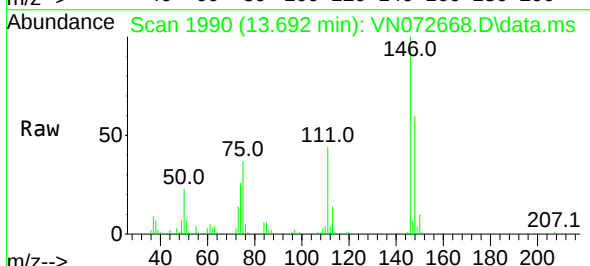
Tgt Ion:146 Resp: 105501

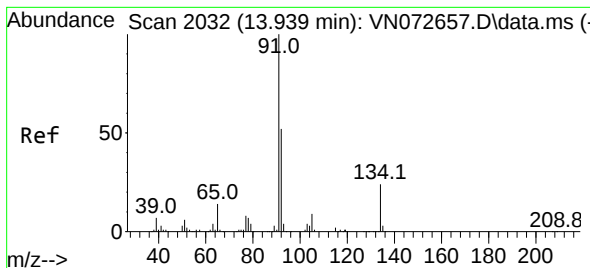
Ion Ratio Lower Upper

146 100

111 43.9 19.5 58.5

148 61.6 31.1 93.5





#85

n-Butylbenzene

Concen: 18.274 ug/l

RT: 13.939 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VN072668.D

Acq: 06 Jun 2022 17:20

Instrument :

MSVOA_N

ClientSampleId :

VN0606WBS01

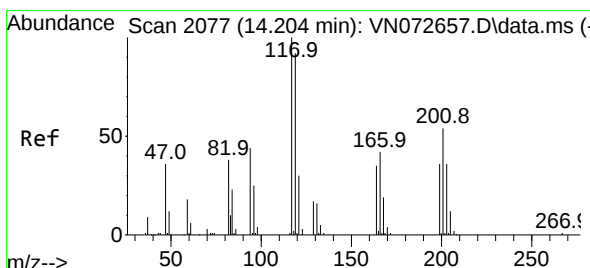
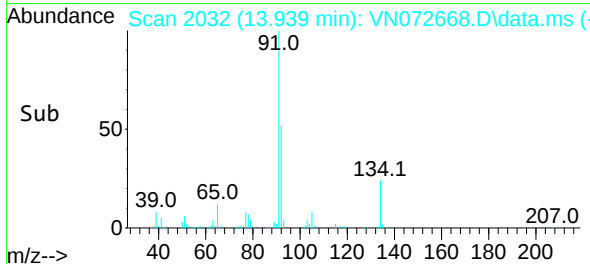
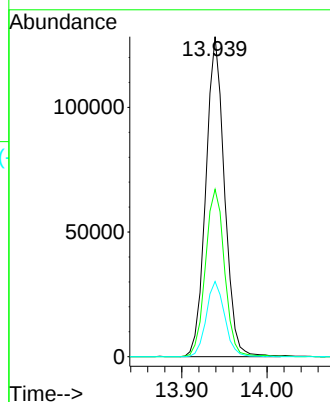
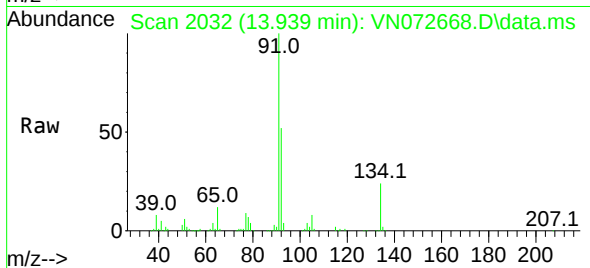
Tgt Ion:	91	Resp:	19530
Ion Ratio	Lower	Upper	
91	100		
92	53.4	0.0	100.6
134	23.2	0.0	50.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#86

Hexachloroethane

Concen: 19.241 ug/l

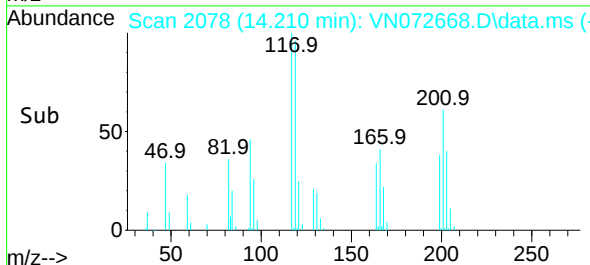
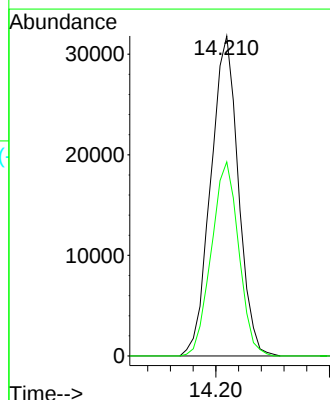
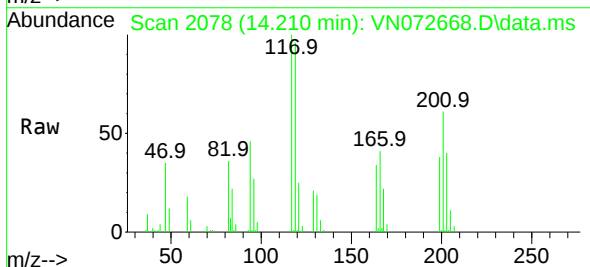
RT: 14.210 min Scan# 2078

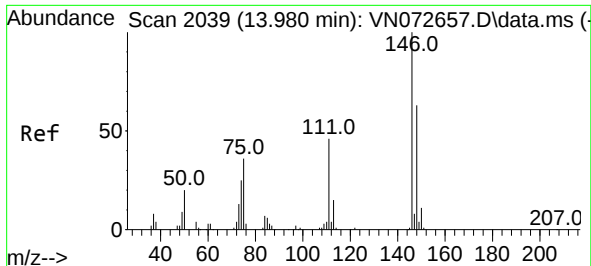
Delta R.T. 0.006 min

Lab File: VN072668.D

Acq: 06 Jun 2022 17:20

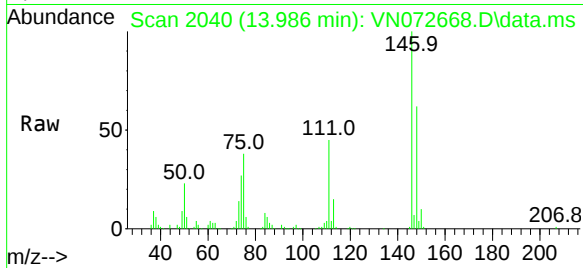
Tgt Ion:	117	Resp:	53667
Ion Ratio	Lower	Upper	
117	100		
201	60.1	33.3	99.8





#87
1,2-Dichlorobenzene
Concen: 19.966 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20

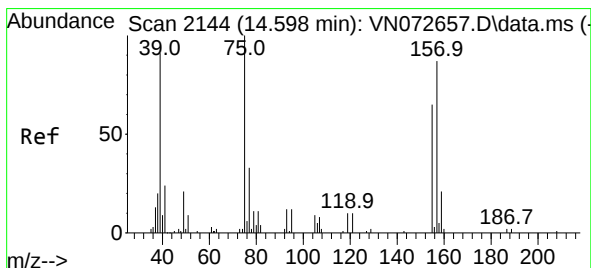
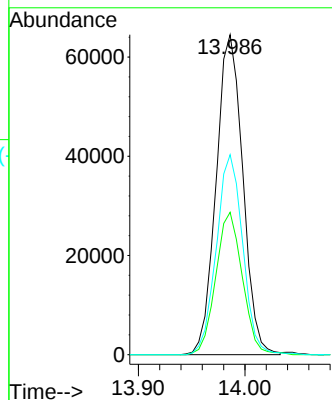
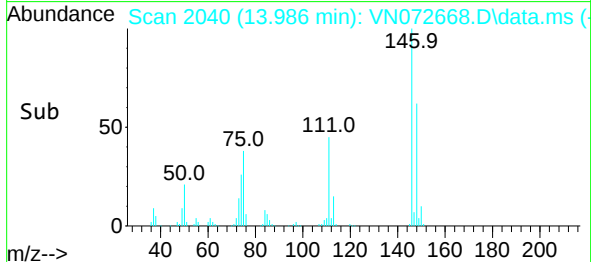
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01



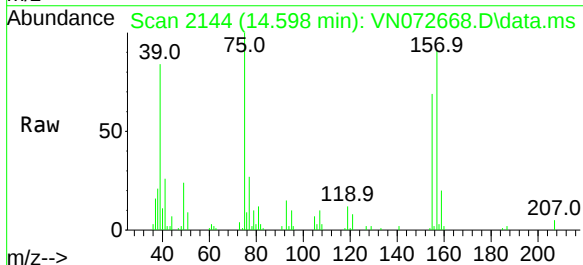
Tgt Ion:146 Resp: 112194
Ion Ratio Lower Upper
146 100
111 44.4 21.4 64.2
148 61.8 32.5 97.4

Manual Integrations
APPROVED

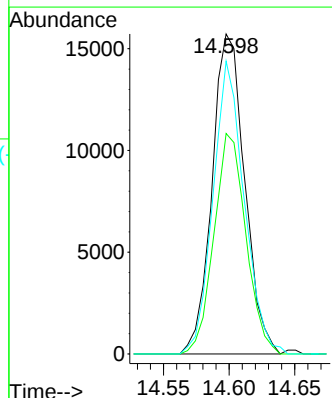
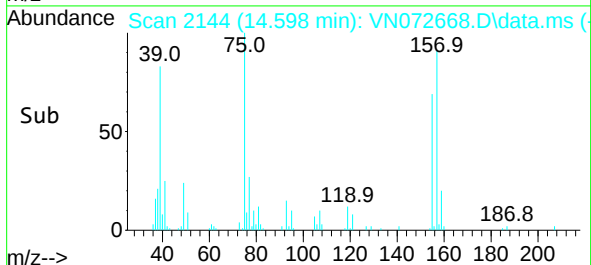
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

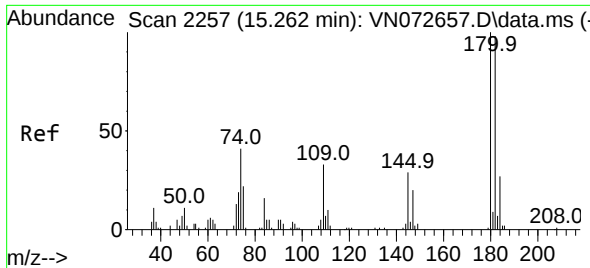


#88
1,2-Dibromo-3-Chloropropane
Concen: 20.092 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20



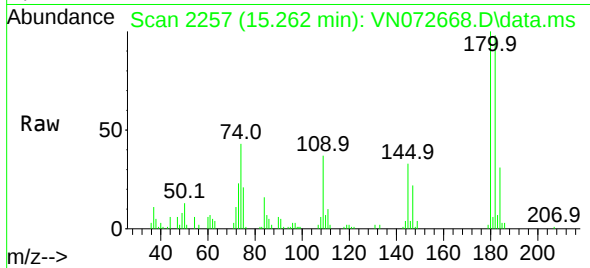
Tgt Ion: 75 Resp: 27207
Ion Ratio Lower Upper
75 100
155 67.2 63.8 95.8
157 87.4 77.9 116.9





#89
1,2,4-Trichlorobenzene
Concen: 17.956 ug/l
RT: 15.262 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20

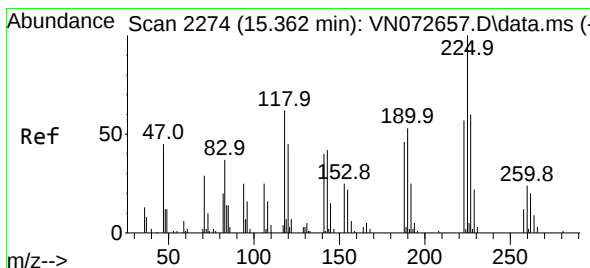
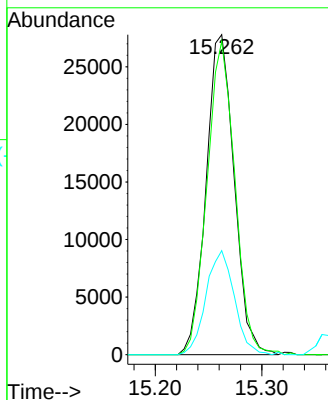
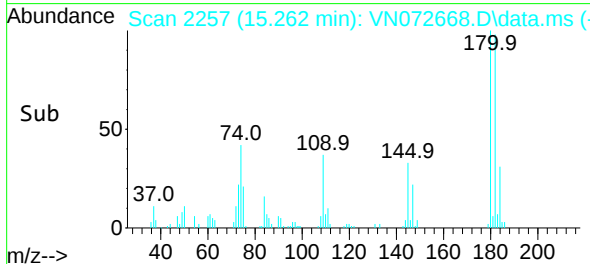
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01



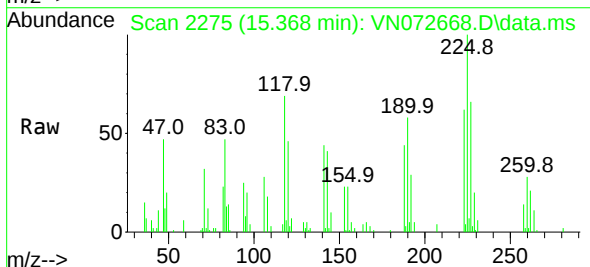
Tgt Ion:180 Resp: 50844
Ion Ratio Lower Upper
180 100
182 97.0 77.7 116.5
145 32.8 26.6 39.8

Manual Integrations
APPROVED

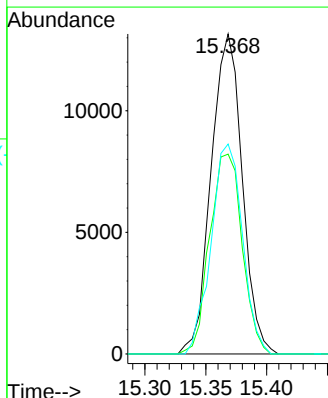
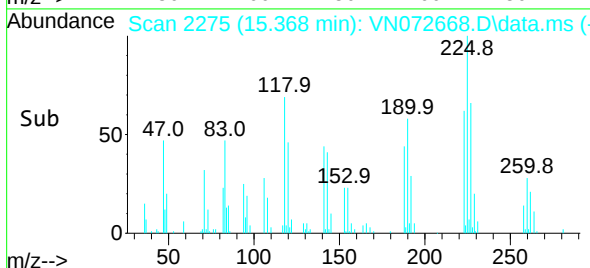
Reviewed By :John Carbone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

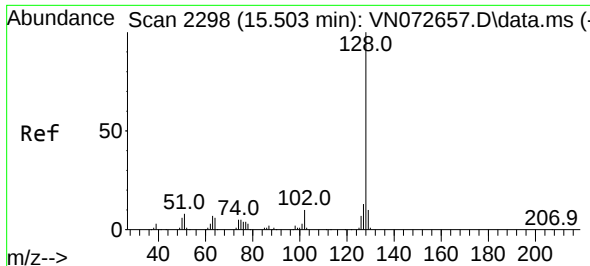


#90
Hexachlorobutadiene
Concen: 18.391 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.006 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20



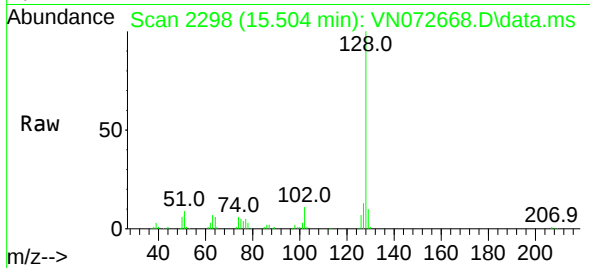
Tgt Ion:225 Resp: 23364
Ion Ratio Lower Upper
225 100
223 65.3 0.0 126.8
227 66.2 0.0 123.0





#91
Naphthalene
Concen: 18.161 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20

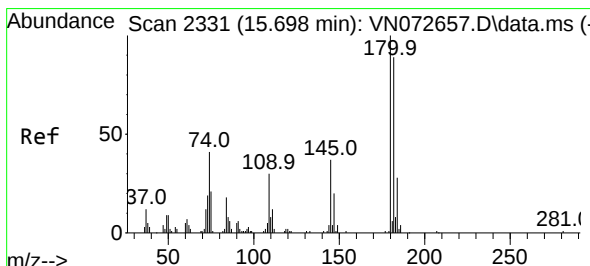
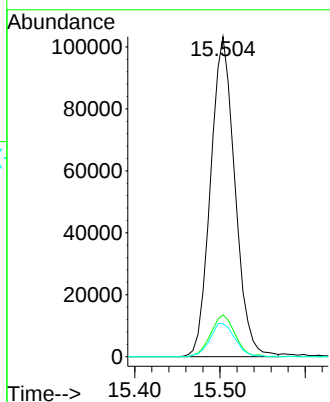
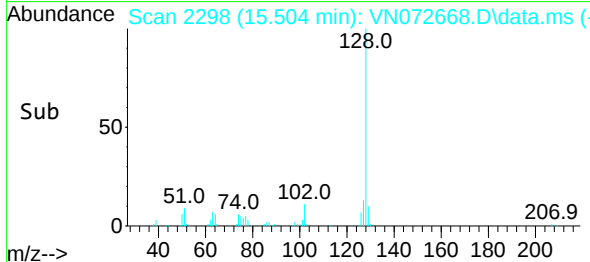
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01



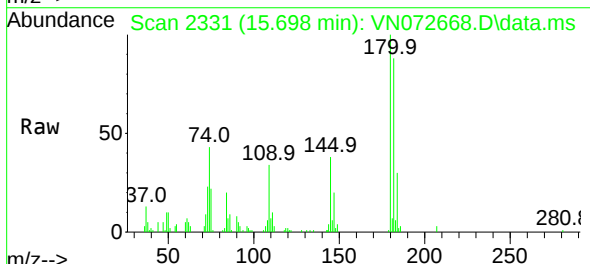
Tgt Ion:128 Resp: 205188
Ion Ratio Lower Upper
128 100
127 12.9 10.7 16.1
129 10.7 9.0 13.6

Manual Integrations
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Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#92
1,2,3-Trichlorobenzene
Concen: 18.719 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.000 min
Lab File: VN072668.D
Acq: 06 Jun 2022 17:20



Tgt Ion:180 Resp: 53924
Ion Ratio Lower Upper
180 100
182 93.6 0.0 190.0
145 37.2 0.0 67.8

