

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022222\
 Data File : VN071022.D
 Acq On : 22 Feb 2022 12:33
 Operator : JC\MD
 Sample : VN0222WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0222WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/23/2022
 Supervised By : Mahesh Dadoda 02/23/2022

Quant Time: Feb 23 00:58:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	612477	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	971839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	874215	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	342579	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	365244	52.204	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.400%			
35) Dibromofluoromethane	8.016	113	288355	49.884	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.760%			
50) Toluene-d8	10.439	98	1130411	48.695	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.400%			
62) 4-Bromofluorobenzene	12.727	95	370406	44.640	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 89.280%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	111345	17.503	ug/l	99
3) Chloromethane	2.299	50	145784	18.232	ug/l	95
4) Vinyl Chloride	2.446	62	135826	16.969	ug/l	100
5) Bromomethane	2.846	94	81909	18.014	ug/l	98
6) Chloroethane	3.016	64	86649	16.501	ug/l	93
7) Trichlorofluoromethane	3.375	101	183391	18.283	ug/l	99
8) Diethyl Ether	3.828	74	75047	17.210	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.216	101	106471	17.300	ug/l	96
10) Methyl Iodide	4.422	142	141859	16.643	ug/l	98
11) Tert butyl alcohol	5.357	59	125212	98.201	ug/l	98
12) 1,1-Dichloroethene	4.181	96	102607	17.112	ug/l	95
13) Acrolein	4.040	56	114038	100.089	ug/l	99
14) Allyl chloride	4.846	41	204771	17.906	ug/l #	87
15) Acrylonitrile	5.551	53	384792	102.455	ug/l	99
16) Acetone	4.281	43	323839	84.047	ug/l	97
17) Carbon Disulfide	4.534	76	259277	15.079	ug/l	100
18) Methyl Acetate	4.851	43	174601	20.338	ug/l	97
19) Methyl tert-butyl Ether	5.610	73	393891	18.727	ug/l	97
20) Methylene Chloride	5.098	84	126039	17.999	ug/l	97
21) trans-1,2-Dichloroethene	5.593	96	112723	17.515	ug/l	96
22) Diisopropyl ether	6.492	45	439694	20.047	ug/l	94
23) Vinyl Acetate	6.428	43	1807145	97.334	ug/l	98
24) 1,1-Dichloroethane	6.387	63	230759	18.768	ug/l	98
25) 2-Butanone	7.328	43	514247	100.327	ug/l	97
26) 2,2-Dichloropropane	7.322	77	181832	17.794	ug/l	97
27) cis-1,2-Dichloroethene	7.328	96	135103	18.265	ug/l	94
28) Bromochloromethane	7.651	49	85572	17.196	ug/l	84
29) Tetrahydrofuran	7.681	42	353662	106.508	ug/l	93
30) Chloroform	7.816	83	223065	18.446	ug/l	100
31) Cyclohexane	8.092	56	223911	18.505	ug/l	92
32) 1,1,1-Trichloroethane	8.010	97	189225	18.120	ug/l	99
36) 1,1-Dichloropropene	8.216	75	167392	17.675	ug/l	98
37) Ethyl Acetate	7.410	43	218237	21.487	ug/l	99
38) Carbon Tetrachloride	8.204	117	165914	17.781	ug/l	96
39) Methylcyclohexane	9.457	83	200639	16.465	ug/l	92
40) Benzene	8.457	78	516298	18.430	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.639	41	107747	20.142	ug/l	89
42) 1,2-Dichloroethane	8.528	62	178146	18.672	ug/l	99
43) Isopropyl Acetate	8.557	43	313260	19.567	ug/l	98
44) Trichloroethene	9.216	130	125210	16.974	ug/l	100
45) 1,2-Dichloropropane	9.486	63	133076	18.545	ug/l	98
46) Dibromomethane	9.575	93	86245	18.263	ug/l	98
47) Bromodichloromethane	9.757	83	169744	17.785	ug/l	98
48) Methyl methacrylate	9.557	41	147300	19.439	ug/l #	86
49) 1,4-Dioxane	9.563	88	55993	416.030	ug/l	95
51) 4-Methyl-2-Pentanone	10.328	43	1005707	103.251	ug/l	99
52) Toluene	10.504	92	319018	18.123	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	182066	17.544	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	201879	17.713	ug/l	97
55) 1,1,2-Trichloroethane	10.892	97	129056	18.730	ug/l	97
56) Ethyl methacrylate	10.757	69	191959	18.490	ug/l	93
57) 1,3-Dichloropropane	11.039	76	225715	18.938	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	156704	91.028	ug/l	95
59) 2-Hexanone	11.080	43	683843	102.082	ug/l	98
60) Dibromochloromethane	11.233	129	125147	17.186	ug/l	98
61) 1,2-Dibromoethane	11.339	107	124216	17.724	ug/l	99
64) Tetrachloroethene	10.975	164	113449	16.663	ug/l	98
65) Chlorobenzene	11.763	112	330639	17.552	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.833	131	121360	17.673	ug/l	98
67) Ethyl Benzene	11.839	91	583772	17.706	ug/l	100
68) m/p-Xylenes	11.951	106	446154	35.032	ug/l	100
69) o-Xylene	12.274	106	221924	17.838	ug/l	100
70) Styrene	12.292	104	339956	17.185	ug/l	99
71) Bromoform	12.451	173	93284	17.057	ug/l #	99
73) Isopropylbenzene	12.574	105	561802	20.374	ug/l	100
74) N-amyl acetate	12.386	43	179127	20.322	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.822	83	188674	21.532	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	169205m	20.977	ug/l	
77) Bromobenzene	12.857	156	134286	19.893	ug/l	86
78) n-propylbenzene	12.916	91	603007	19.463	ug/l	98
79) 2-Chlorotoluene	13.004	91	382954	20.354	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	451952	20.231	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.622	75	49064	19.711	ug/l	95
82) 4-Chlorotoluene	13.104	91	353786	19.371	ug/l	95
83) tert-Butylbenzene	13.316	119	408783	19.295	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	433076	19.694	ug/l	98
85) sec-Butylbenzene	13.498	105	532924	19.090	ug/l	98
86) p-Isopropyltoluene	13.610	119	423295	18.470	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	213625	17.877	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	206899	17.672	ug/l	98
89) n-Butylbenzene	13.939	91	290981	15.563	ug/l	97
90) Hexachloroethane	14.204	117	80732	19.726	ug/l	88
91) 1,2-Dichlorobenzene	13.986	146	209710	18.689	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	29508	20.785	ug/l	89
93) 1,2,4-Trichlorobenzene	15.263	180	83173	14.659	ug/l	97
94) Hexachlorobutadiene	15.368	225	60555	14.799	ug/l	98
95) Naphthalene	15.504	128	164343	14.649	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	76844	15.067	ug/l	99

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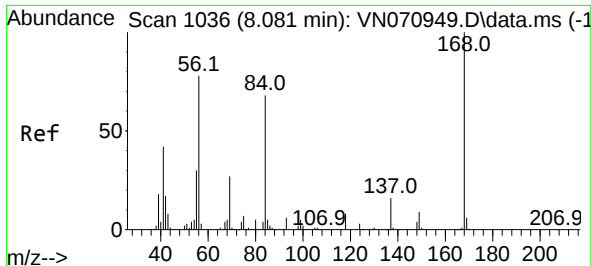
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Quant Title : SW846 8260
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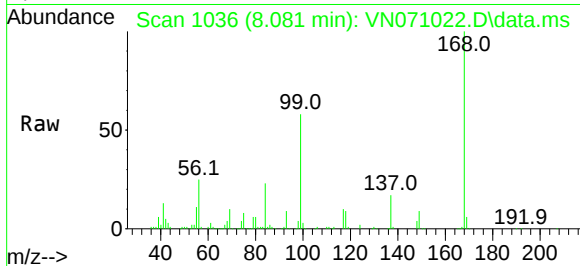
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071022.D
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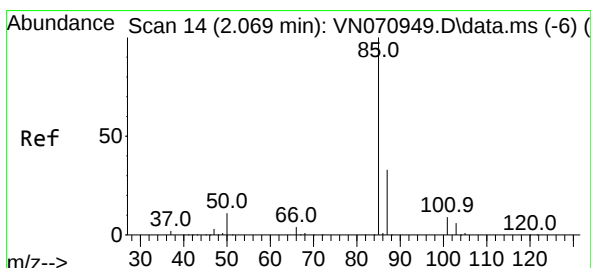
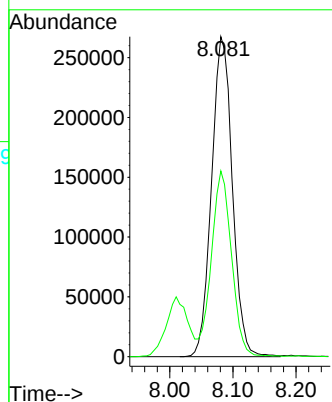
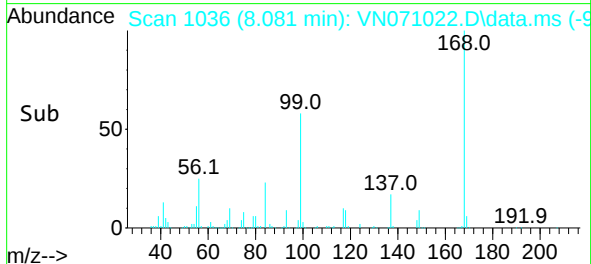
Instrument :
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ClientSampleId :
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Tgt Ion:168 Resp: 61247
Ion Ratio Lower Upper
168 100
99 57.9 41.3 61.9

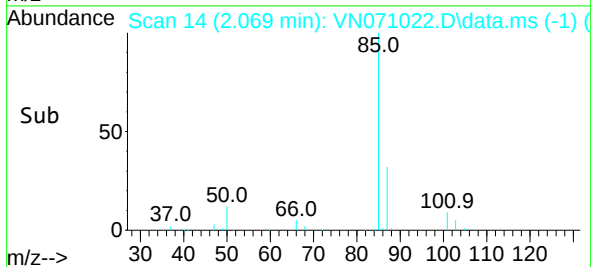
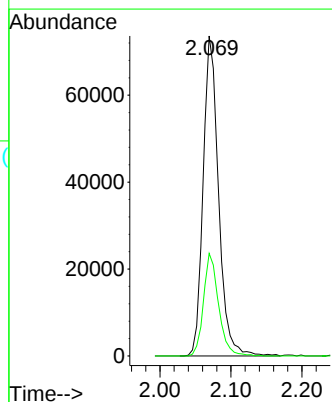
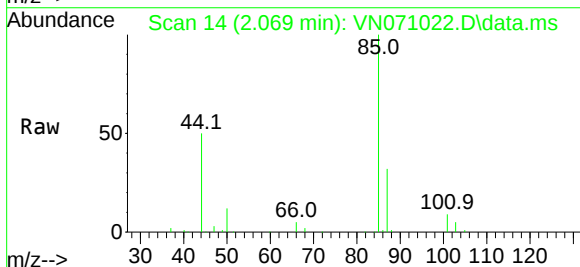
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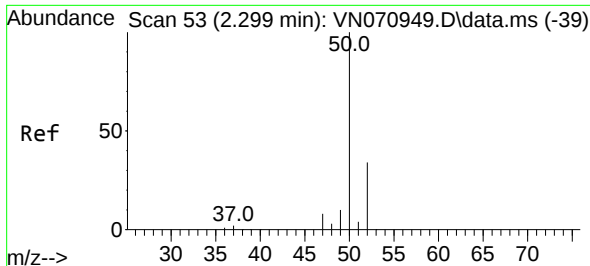
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022



#2
Dichlorodifluoromethane
Concen: 17.503 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33

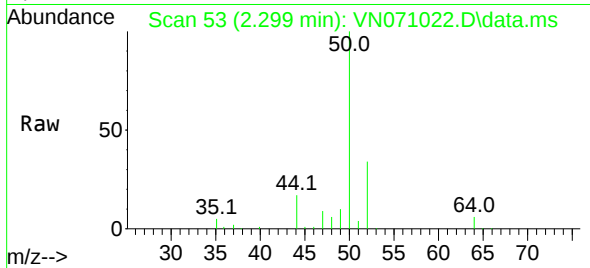
Tgt Ion: 85 Resp: 111345
Ion Ratio Lower Upper
85 100
87 32.1 16.3 48.9





#3
Chloromethane
Concen: 18.232 ug/l
RT: 2.299 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33

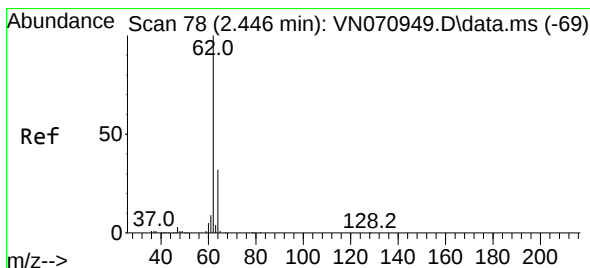
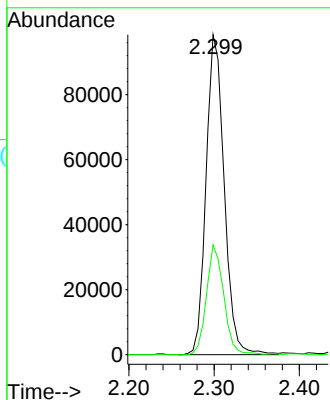
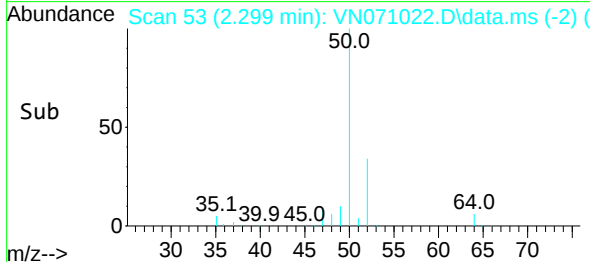
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Tgt Ion: 50 Resp: 145784
Ion Ratio Lower Upper
50 100
52 34.4 25.4 38.0

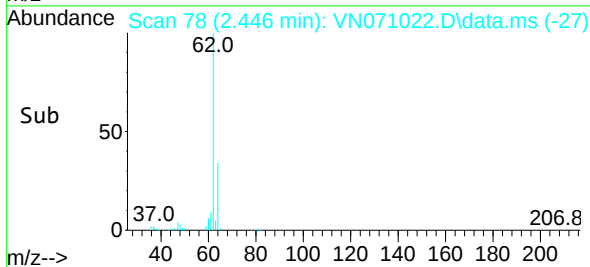
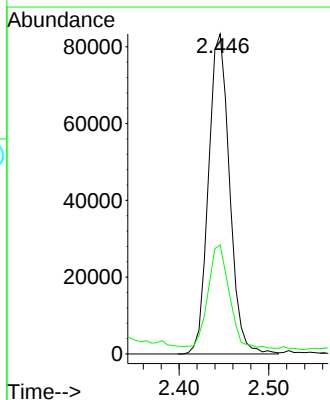
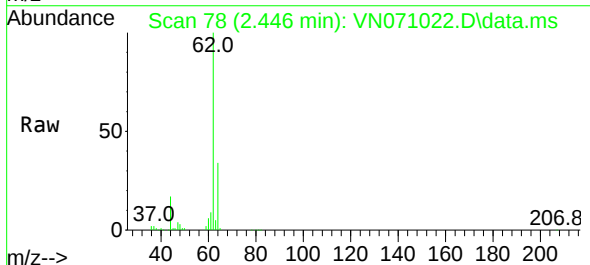
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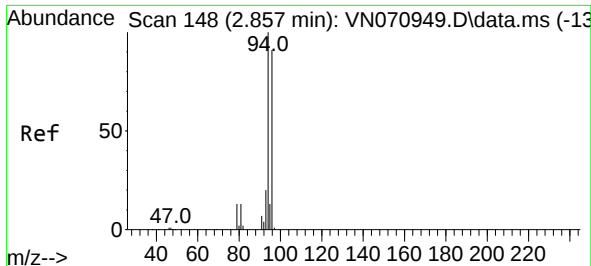
Reviewed By :John Carlone 02/23/2022
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#4
Vinyl Chloride
Concen: 16.969 ug/l
RT: 2.446 min Scan# 78
Delta R.T. 0.000 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33

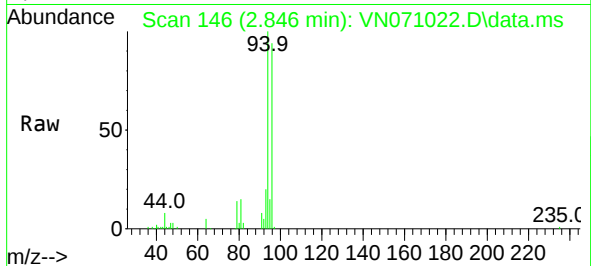
Tgt Ion: 62 Resp: 135826
Ion Ratio Lower Upper
62 100
64 32.3 25.8 38.6





#5
Bromomethane
Concen: 18.014 ug/l
RT: 2.846 min Scan# 148
Delta R.T. -0.012 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33

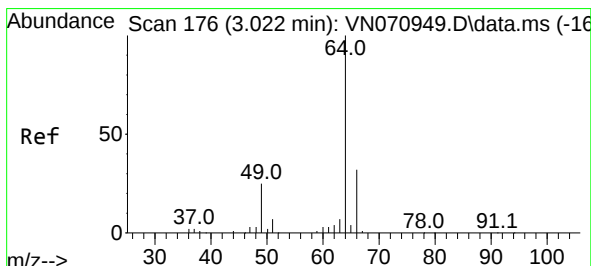
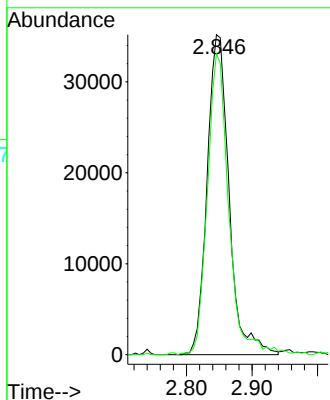
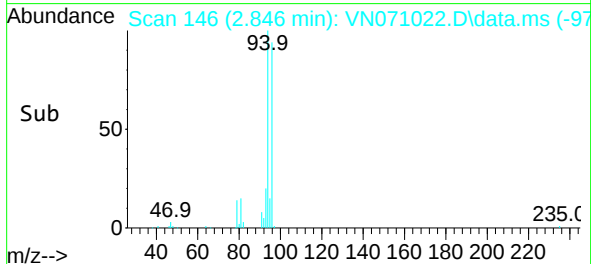
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Tgt Ion: 94 Resp: 81909
Ion Ratio Lower Upper
94 100
96 94.0 73.8 110.8

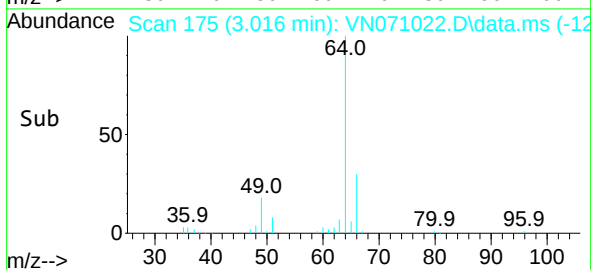
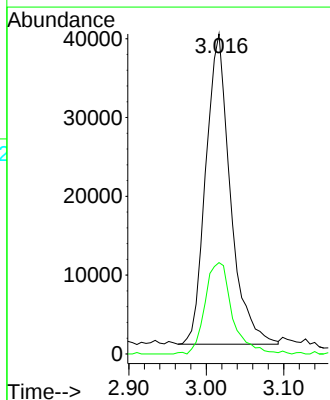
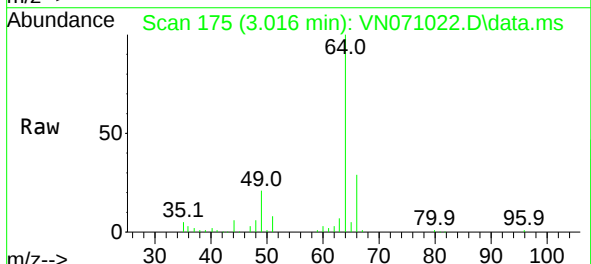
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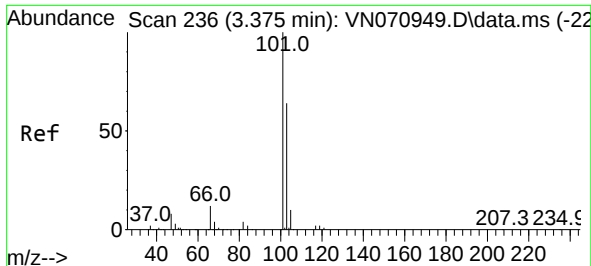
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#6
Chloroethane
Concen: 16.501 ug/l
RT: 3.016 min Scan# 175
Delta R.T. -0.006 min
Lab File: VN071022.D
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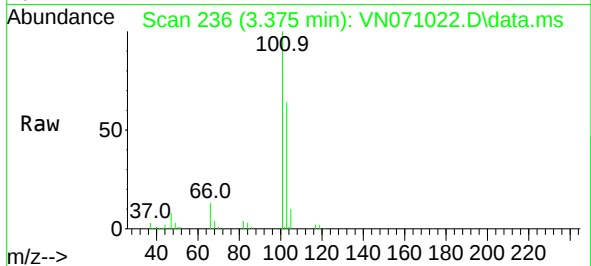
Tgt Ion: 64 Resp: 86649
Ion Ratio Lower Upper
64 100
66 29.1 26.3 39.5





#7
 Trichlorofluoromethane
 Concen: 18.283 ug/l
 RT: 3.375 min Scan# 210
 Delta R.T. 0.000 min
 Lab File: VN071022.D
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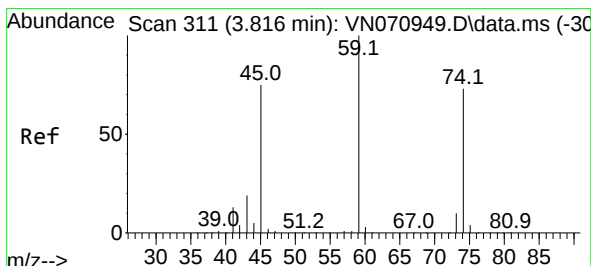
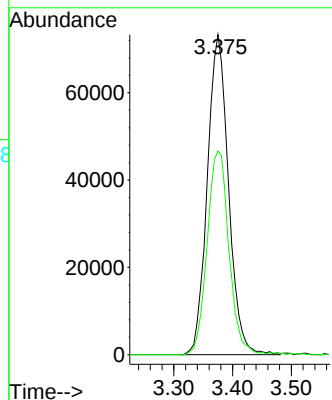
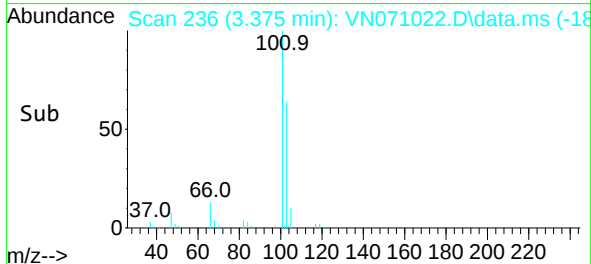
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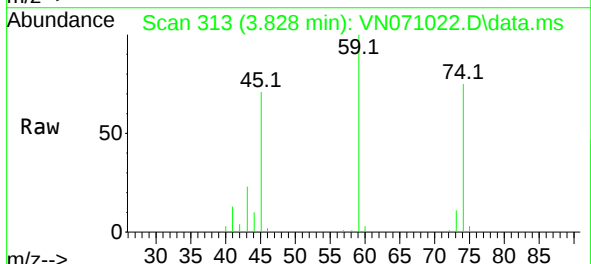
Tgt Ion: 101 Resp: 18339
 Ion Ratio Lower Upper
 101 100
 103 63.7 50.1 75.1

Manual Integrations
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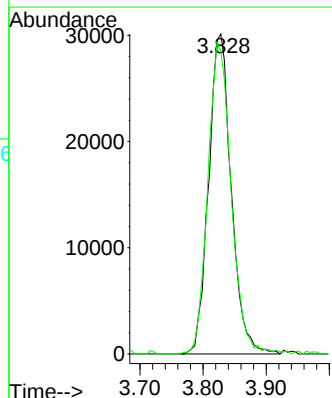
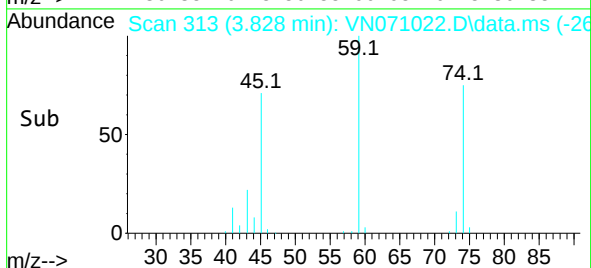
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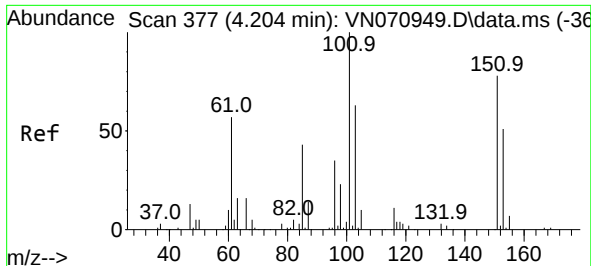


#8
 Diethyl Ether
 Concen: 17.210 ug/l
 RT: 3.828 min Scan# 313
 Delta R.T. 0.012 min
 Lab File: VN071022.D
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Tgt Ion: 74 Resp: 75047
 Ion Ratio Lower Upper
 74 100
 45 100.4 47.0 141.2





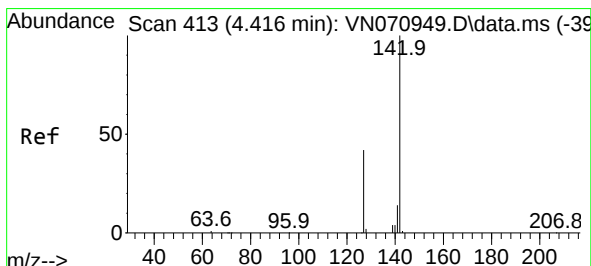
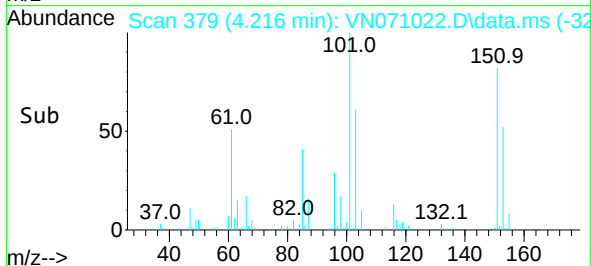
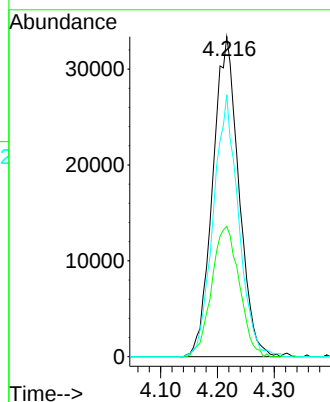
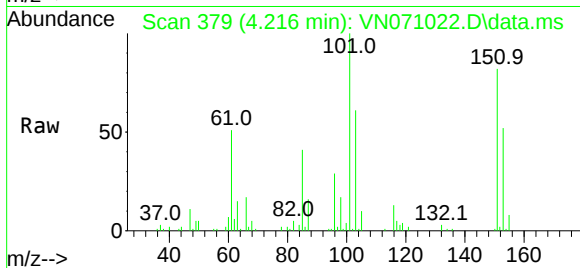
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.300 ug/l
RT: 4.216 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33

Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01

Tgt Ion:101 Resp: 10647
Ion Ratio Lower Upper
101 100
85 43.0 37.2 55.8
151 79.0 65.9 98.9

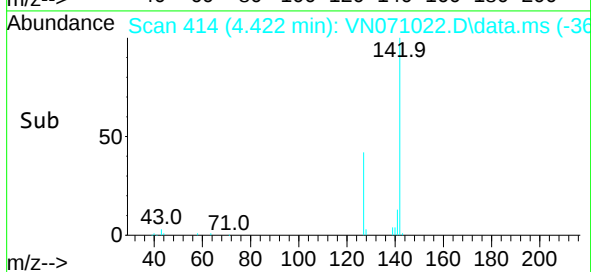
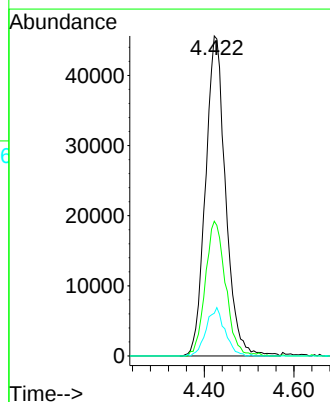
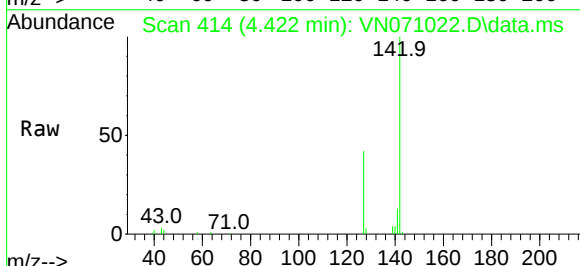
Manual Integrations
APPROVED

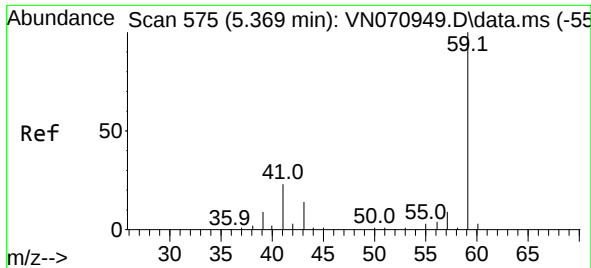
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022



#10
Methyl Iodide
Concen: 16.643 ug/l
RT: 4.422 min Scan# 414
Delta R.T. 0.006 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33

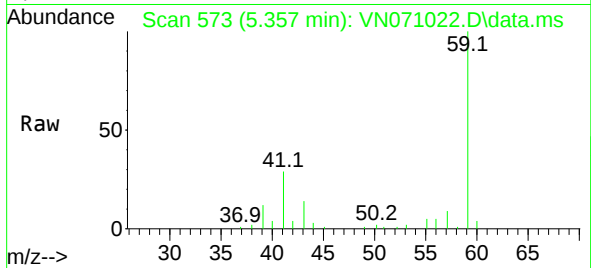
Tgt Ion:142 Resp: 141859
Ion Ratio Lower Upper
142 100
127 42.5 35.4 53.0
141 14.1 11.6 17.4





#11
Tert butyl alcohol
Concen: 98.201 ug/l
RT: 5.357 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33

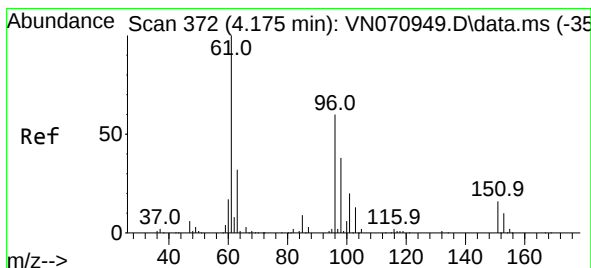
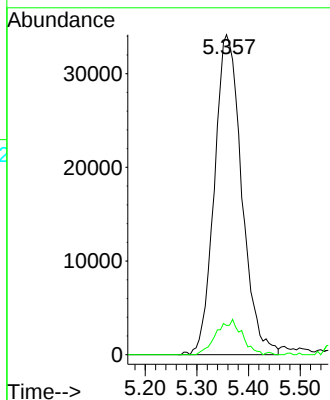
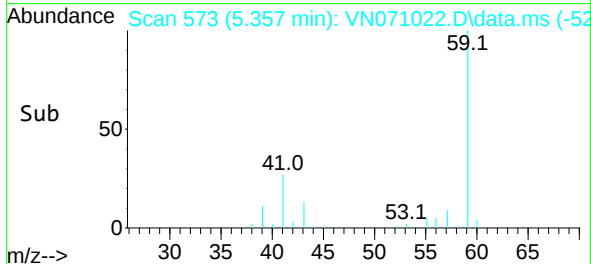
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01



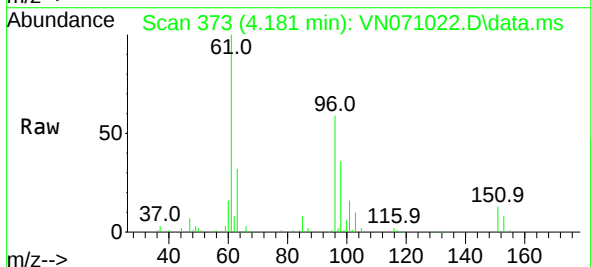
Tgt Ion: 59 Resp: 12521
Ion Ratio Lower Upper
59 100
57 10.3 8.7 13.1

Manual Integrations
APPROVED

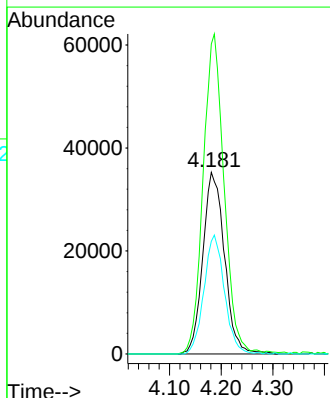
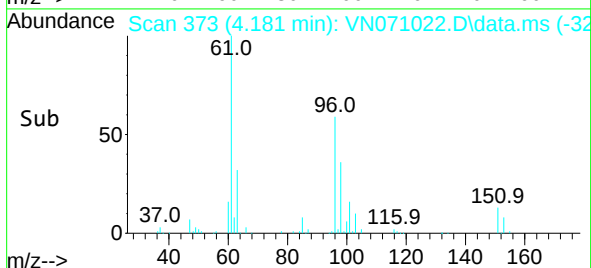
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022

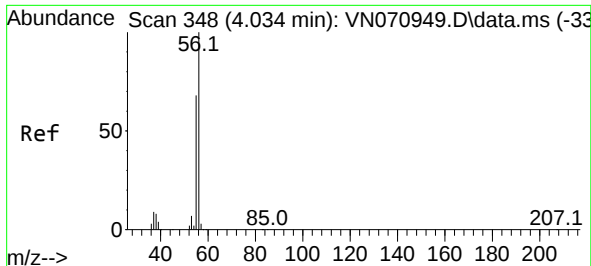


#12
1,1-Dichloroethene
Concen: 17.112 ug/l
RT: 4.181 min Scan# 373
Delta R.T. 0.006 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33



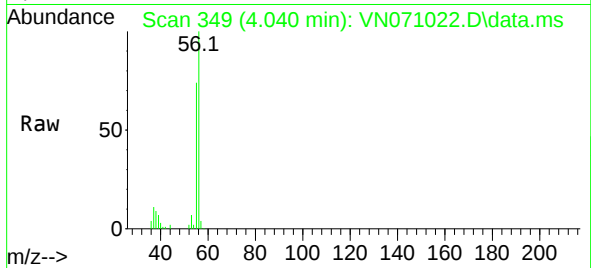
Tgt Ion: 96 Resp: 102607
Ion Ratio Lower Upper
96 100
61 170.6 131.0 196.6
98 62.0 52.4 78.6





#13
Acrolein
Concen: 100.089 ug/l
RT: 4.040 min Scan# 348
Delta R.T. 0.006 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33

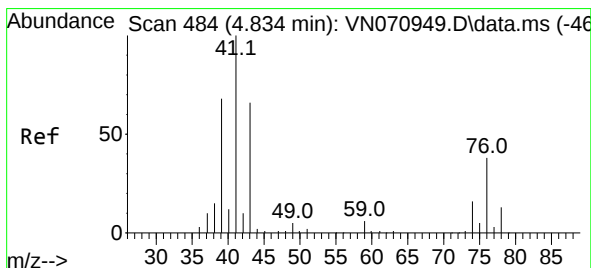
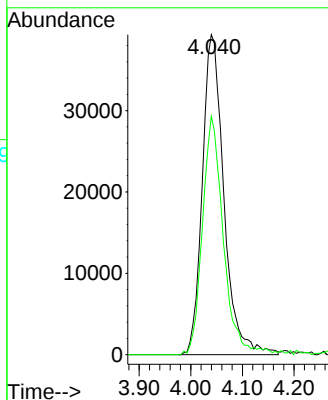
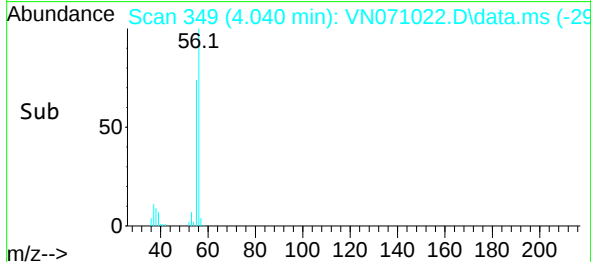
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01



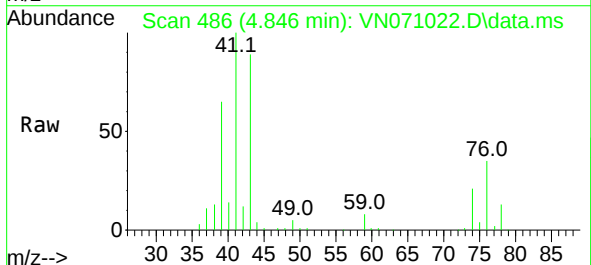
Tgt Ion: 56 Resp: 114038
Ion Ratio Lower Upper
56 100
55 72.0 56.6 85.0

Manual Integrations
APPROVED

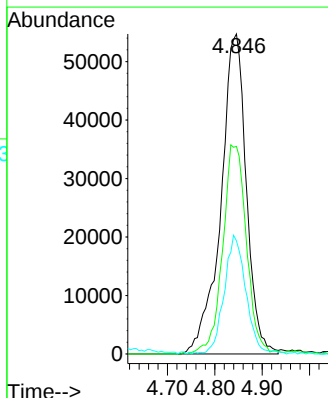
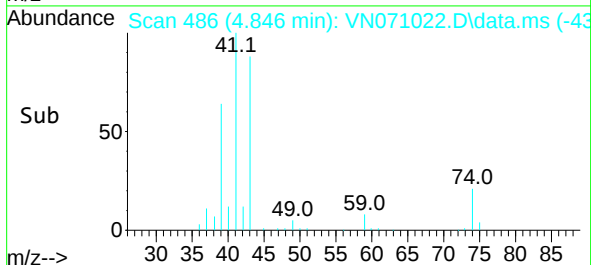
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022

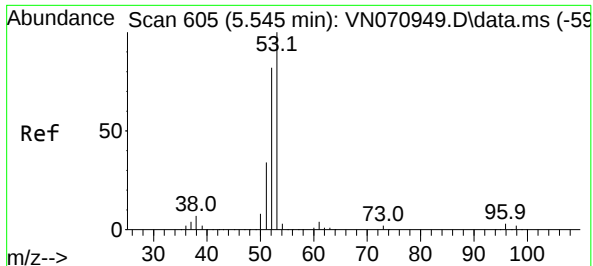


#14
Allyl chloride
Concen: 17.906 ug/l
RT: 4.846 min Scan# 486
Delta R.T. 0.012 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33



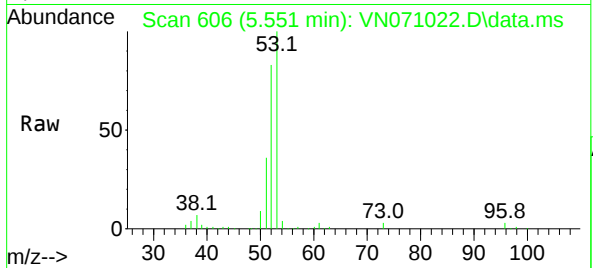
Tgt Ion: 41 Resp: 204771
Ion Ratio Lower Upper
41 100
39 60.7 61.2 91.8#
76 31.4 26.0 39.0





#15
Acrylonitrile
Concen: 102.455 ug/l
RT: 5.551 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33

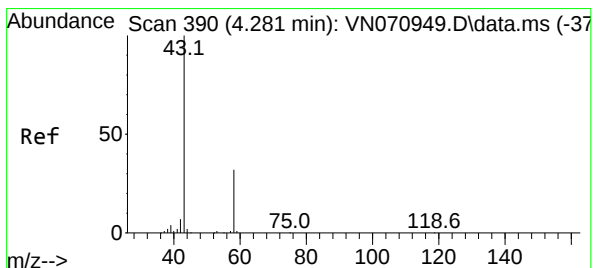
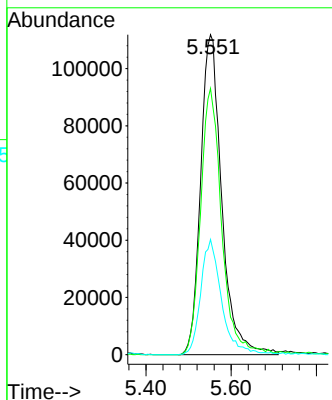
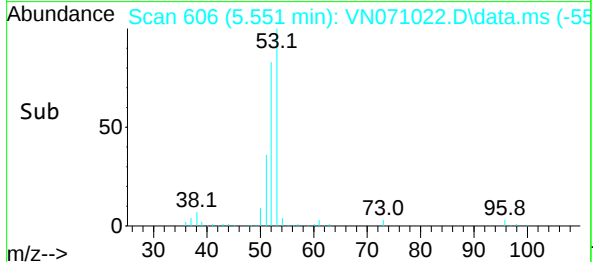
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01



Tgt Ion: 53 Resp: 384792
Ion Ratio Lower Upper
53 100
52 83.0 66.2 99.2
51 35.6 29.6 44.4

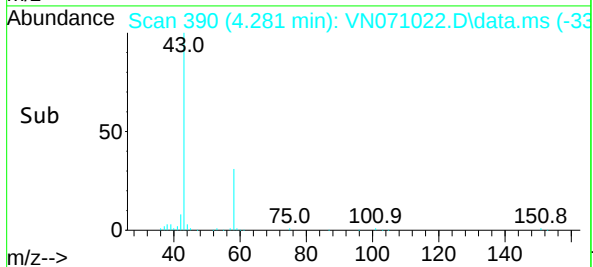
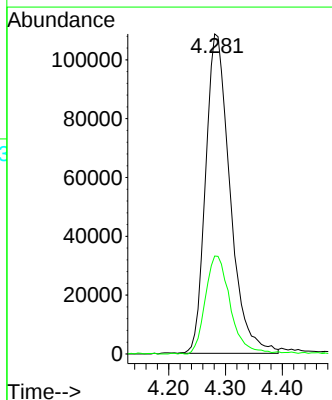
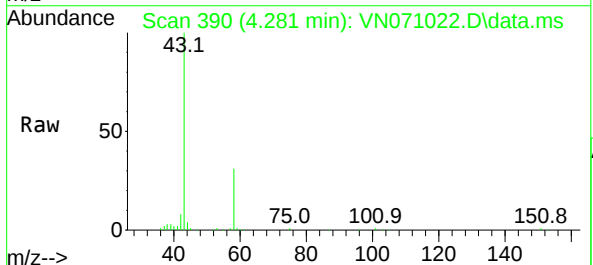
Manual Integrations
APPROVED

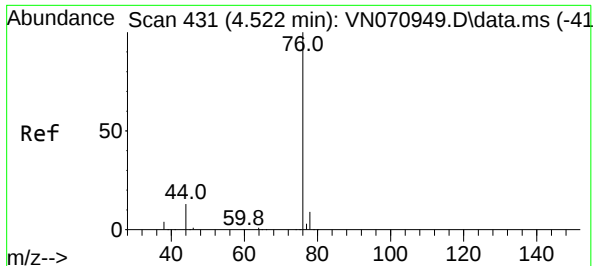
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022



#16
Acetone
Concen: 84.047 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.000 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33

Tgt Ion: 43 Resp: 323839
Ion Ratio Lower Upper
43 100
58 30.7 23.1 34.7





#17

Carbon Disulfide

Concen: 15.079 ug/l

RT: 4.534 min Scan# 41

Delta R.T. 0.012 min

Lab File: VN071022.D

Acq: 22 Feb 2022 12:33

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBS01

Tgt Ion: 76 Resp: 25927

Ion Ratio Lower Upper

76 100

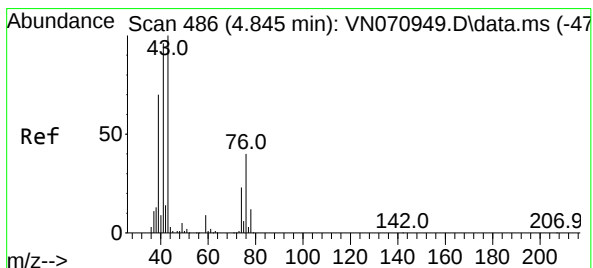
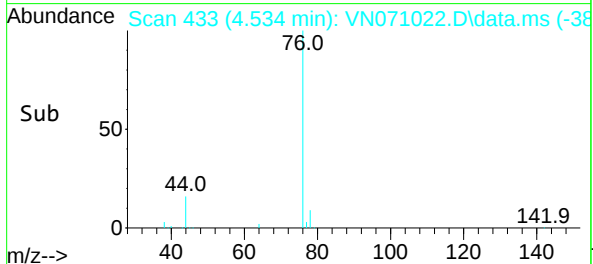
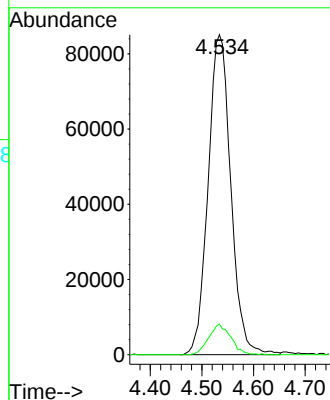
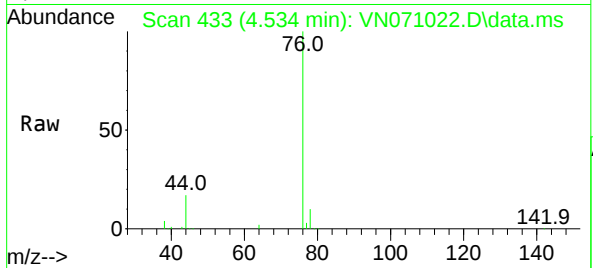
78 9.6 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2022

Supervised By :Mahesh Dadoda 02/23/2022



#18

Methyl Acetate

Concen: 20.338 ug/l

RT: 4.851 min Scan# 487

Delta R.T. 0.006 min

Lab File: VN071022.D

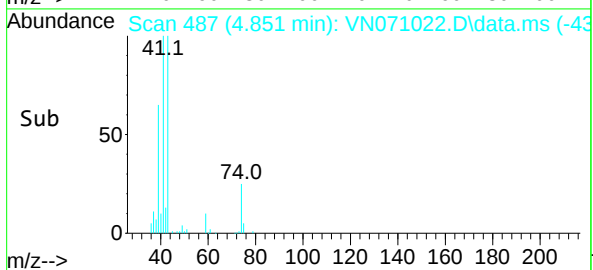
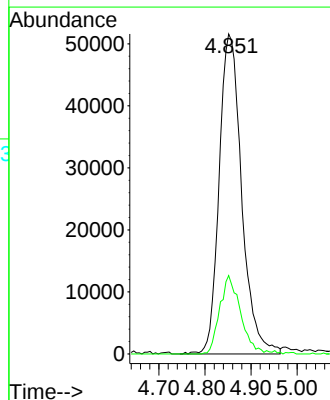
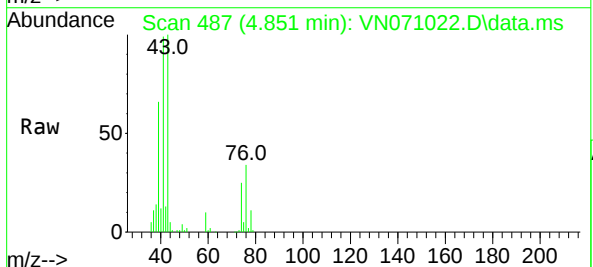
Acq: 22 Feb 2022 12:33

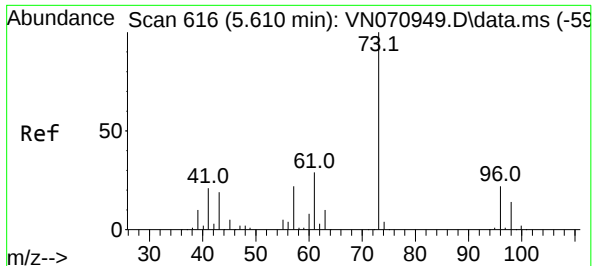
Tgt Ion: 43 Resp: 174601

Ion Ratio Lower Upper

43 100

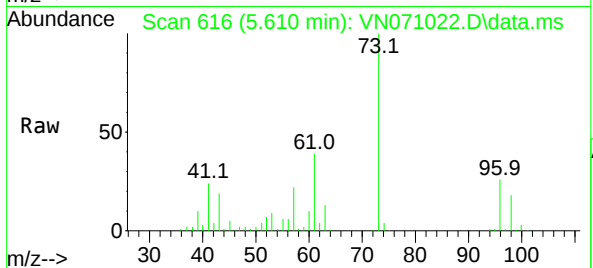
74 22.7 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 18.727 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33

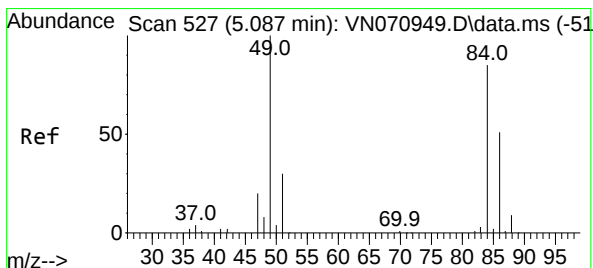
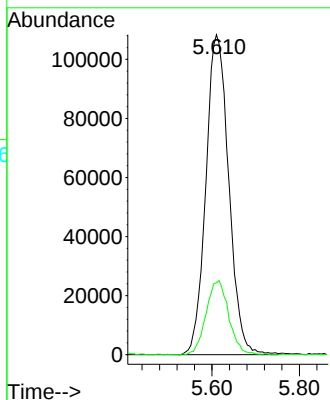
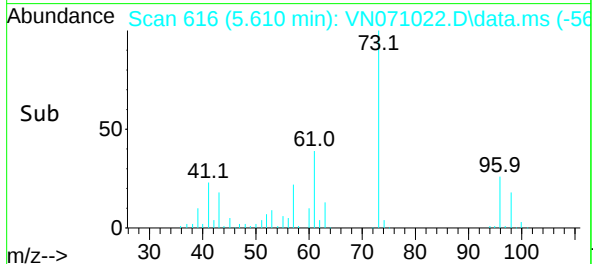
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01



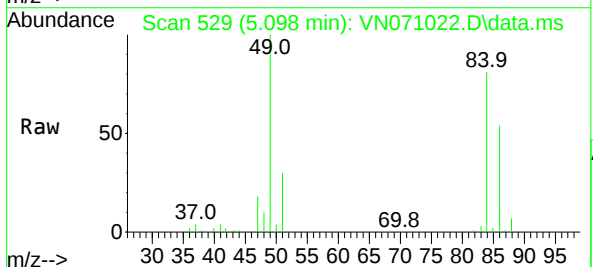
Tgt Ion: 73 Resp: 39389
Ion Ratio Lower Upper
73 100
57 22.5 16.8 25.2

Manual Integrations
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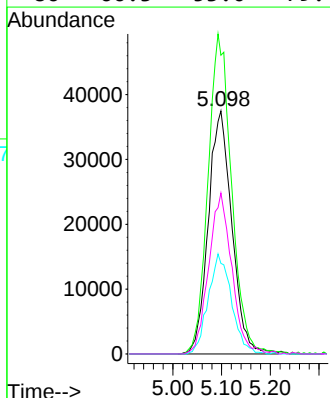
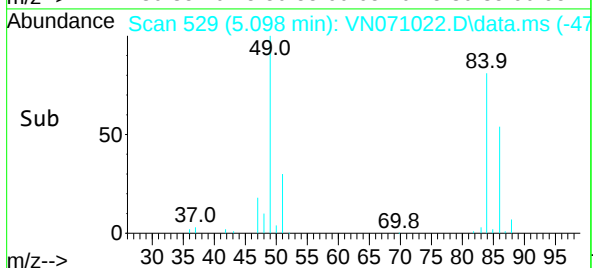
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022

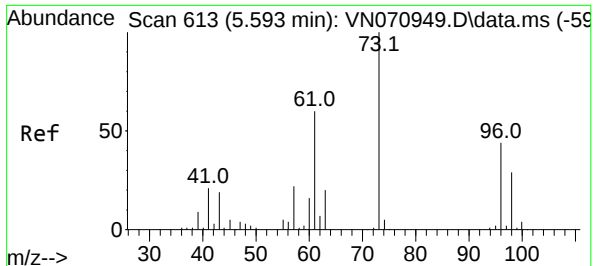


#20
Methylene Chloride
Concen: 17.999 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.012 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33



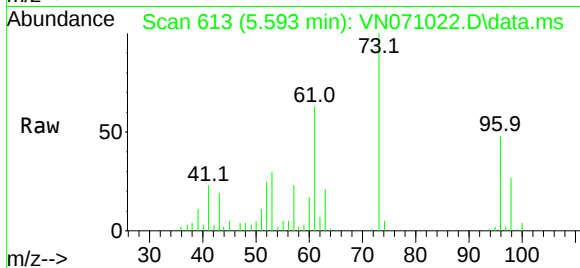
Tgt Ion: 84 Resp: 126039
Ion Ratio Lower Upper
84 100
49 122.9 93.5 140.3
51 37.3 29.4 44.2
86 66.3 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 17.515 ug/l
RT: 5.593 min Scan# 613
Delta R.T. 0.000 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33

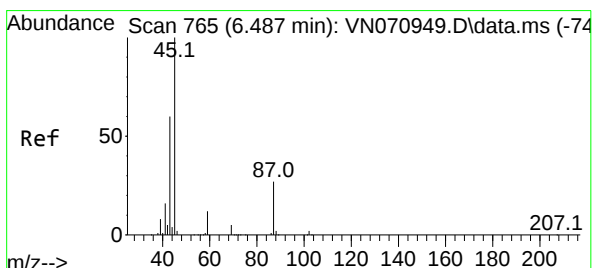
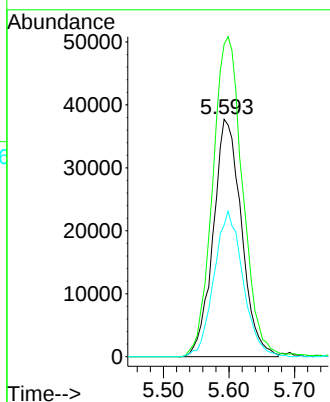
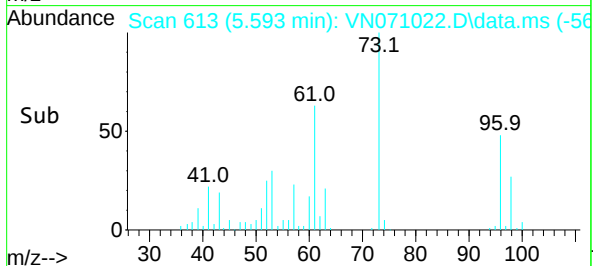
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01



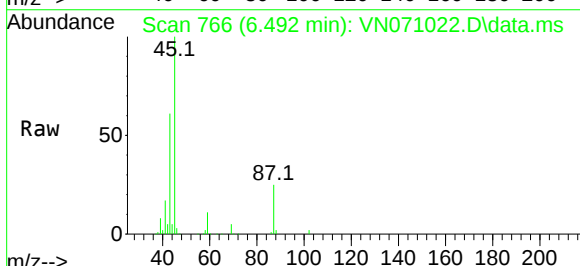
Tgt Ion: 96 Resp: 112723
Ion Ratio Lower Upper
96 100
61 131.6 105.8 158.6
98 55.5 52.0 78.0

Manual Integrations
APPROVED

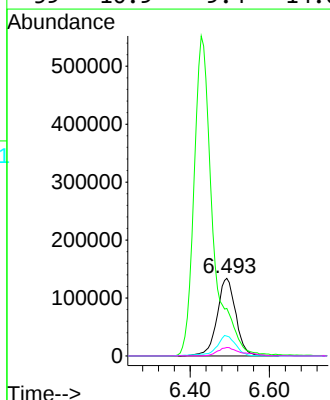
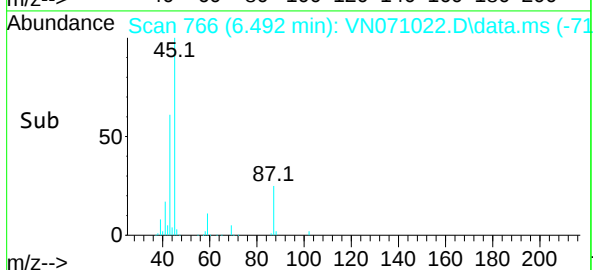
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022

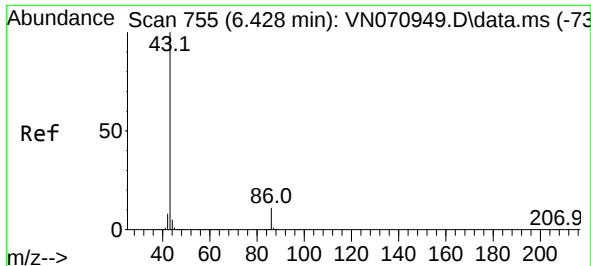


#22
Diisopropyl ether
Concen: 20.047 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.006 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33



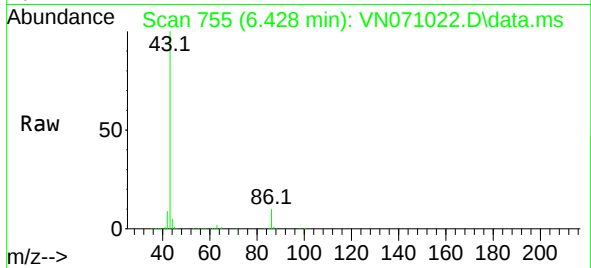
Tgt Ion: 45 Resp: 439694
Ion Ratio Lower Upper
45 100
43 59.7 51.7 77.5
87 25.5 23.2 34.8
59 10.9 9.4 14.0





#23
 Vinyl Acetate
 Concen: 97.334 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. 0.000 min
 Lab File: VN071022.D
 Acq: 22 Feb 2022 12:33

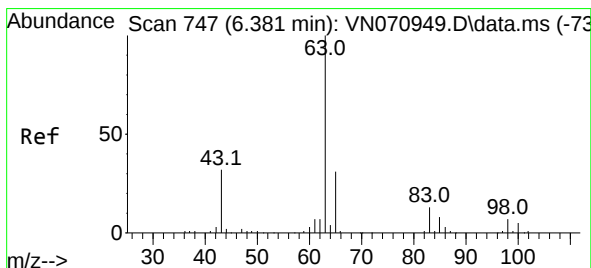
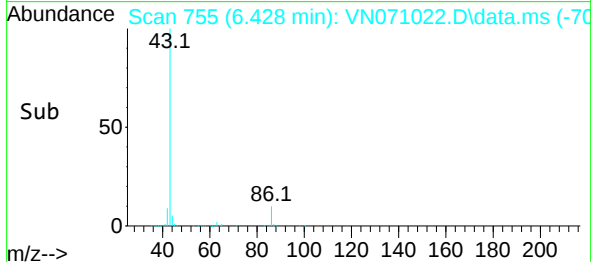
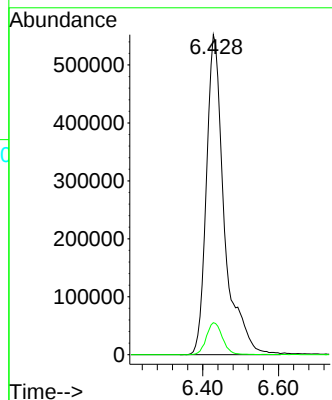
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0222WBS01



Tgt Ion: 43 Resp: 180714
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.5 12.7

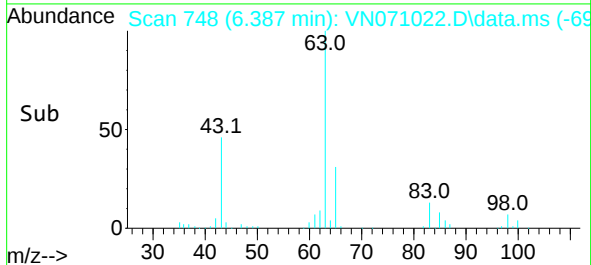
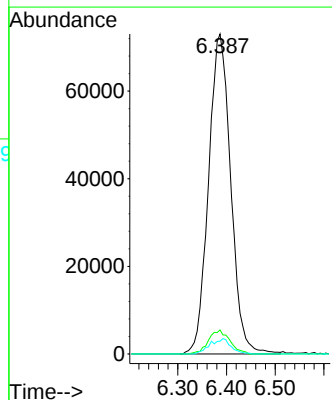
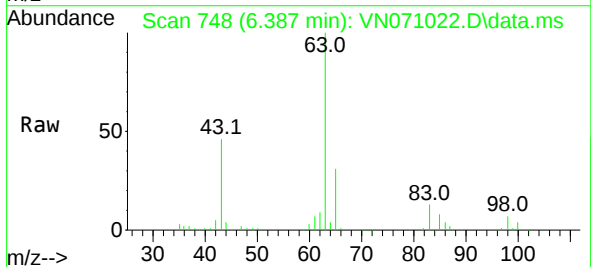
Manual Integrations
 APPROVED

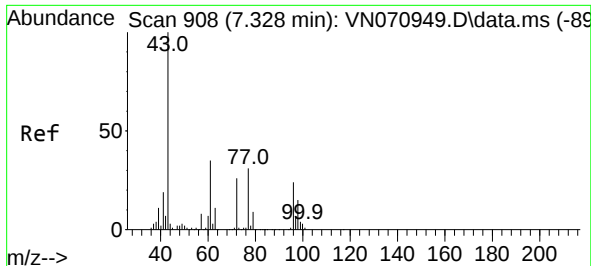
Reviewed By :John Carlone 02/23/2022
 Supervised By :Mahesh Dadoda 02/23/2022



#24
 1,1-Dichloroethane
 Concen: 18.768 ug/l
 RT: 6.387 min Scan# 748
 Delta R.T. 0.006 min
 Lab File: VN071022.D
 Acq: 22 Feb 2022 12:33

Tgt Ion: 63 Resp: 230759
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.3 9.9
 100 4.0 2.1 6.5





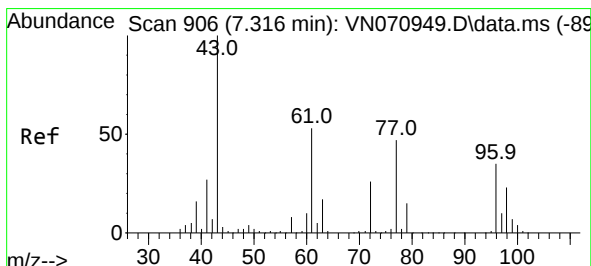
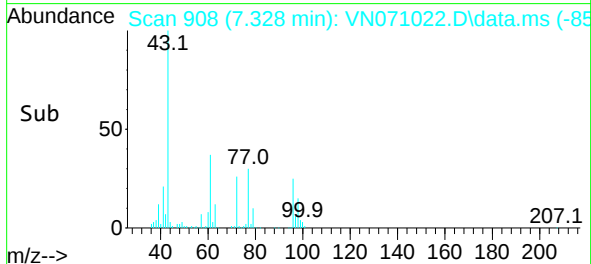
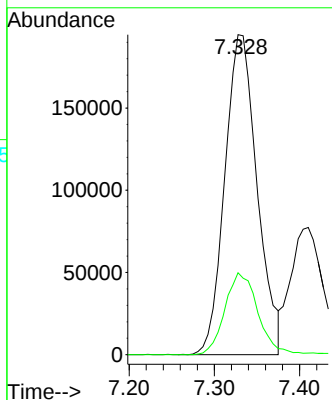
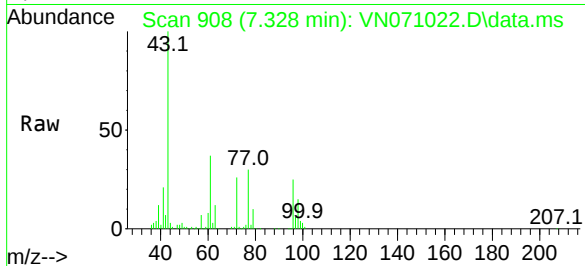
#25
2-Butanone
Concen: 100.327 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.000 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33

Instrument :
MSVOA_N
Client Sample Id :
VN0222WBS01

Tgt Ion: 43 Resp: 51424
Ion Ratio Lower Upper
43 100
72 25.6 21.7 32.5

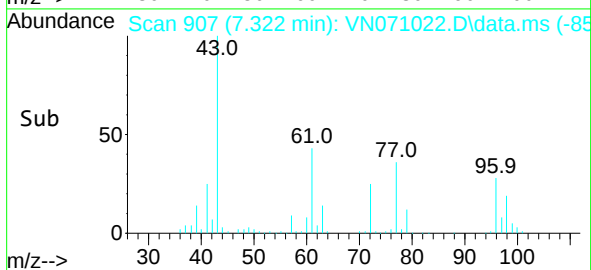
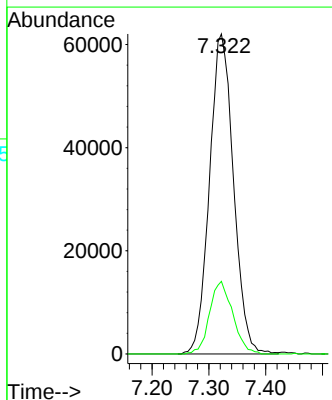
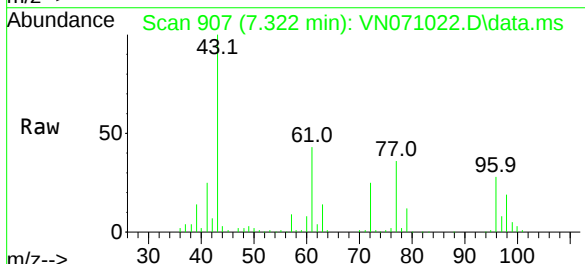
Manual Integrations
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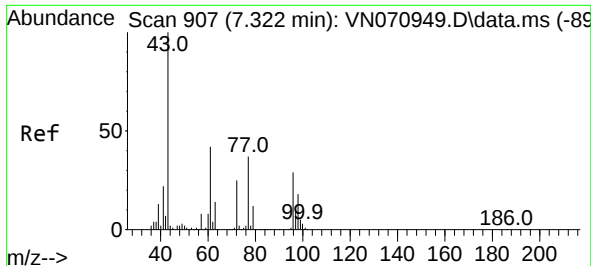
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022



#26
2,2-Dichloropropane
Concen: 17.794 ug/l
RT: 7.322 min Scan# 907
Delta R.T. 0.006 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33

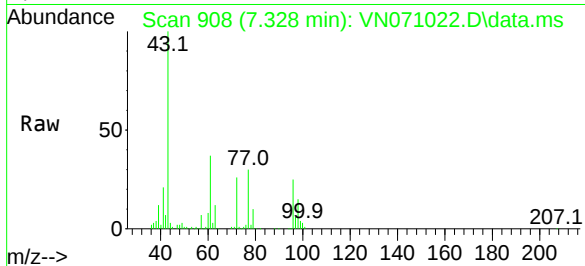
Tgt Ion: 77 Resp: 181832
Ion Ratio Lower Upper
77 100
97 22.0 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 18.265 ug/l
 RT: 7.328 min Scan# 907
 Delta R.T. 0.006 min
 Lab File: VN071022.D
 Acq: 22 Feb 2022 12:33

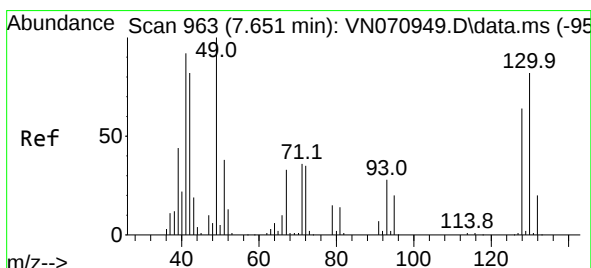
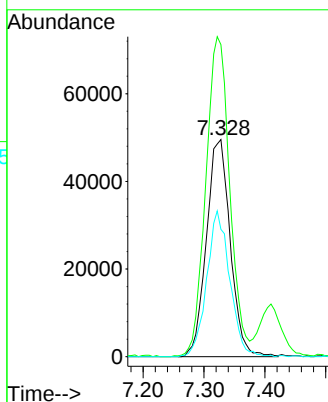
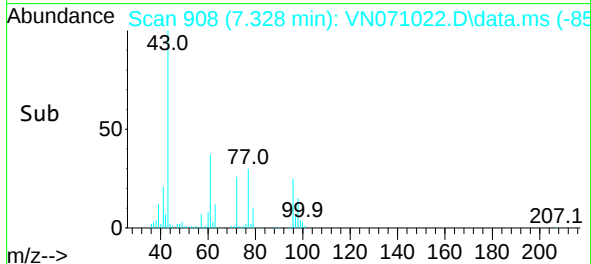
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0222WBS01



Tgt Ion: 96 Resp: 13510
 Ion Ratio Lower Upper
 96 100
 61 147.5 0.0 275.0
 98 64.7 0.0 129.6

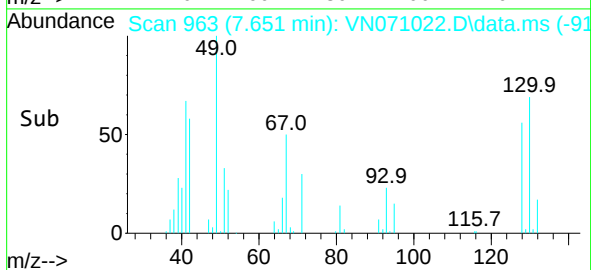
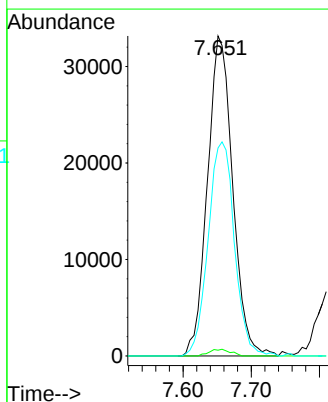
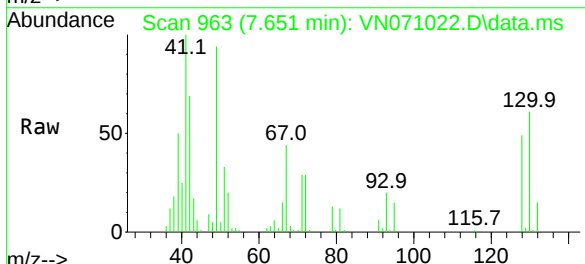
Manual Integrations
 APPROVED

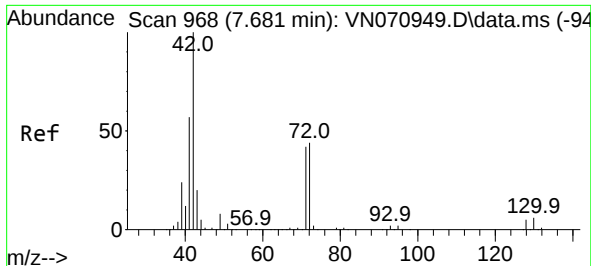
Reviewed By :John Carlone 02/23/2022
 Supervised By :Mahesh Dadoda 02/23/2022



#28
 Bromochloromethane
 Concen: 17.196 ug/l
 RT: 7.651 min Scan# 963
 Delta R.T. 0.000 min
 Lab File: VN071022.D
 Acq: 22 Feb 2022 12:33

Tgt Ion: 49 Resp: 85572
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.0
 130 69.7 67.8 101.8





#29

Tetrahydrofuran

Concen: 106.508 ug/l

RT: 7.681 min Scan# 90

Delta R.T. 0.000 min

Lab File: VN071022.D

Acq: 22 Feb 2022 12:33

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBS01

Tgt Ion: 42 Resp: 353662

Ion Ratio Lower Upper

42 100

72 41.1 36.3 54.5

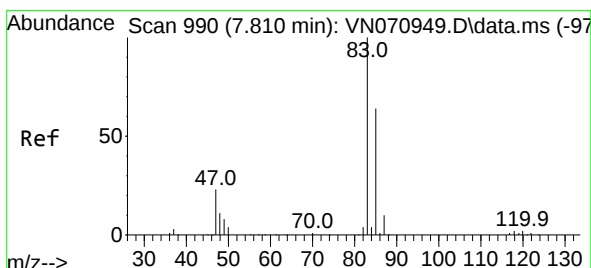
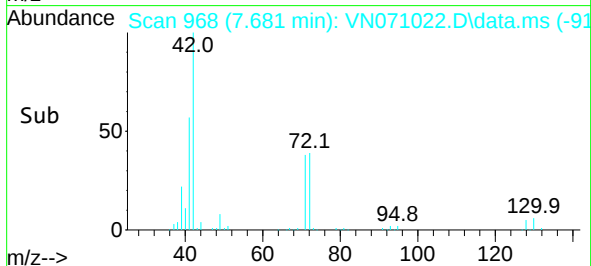
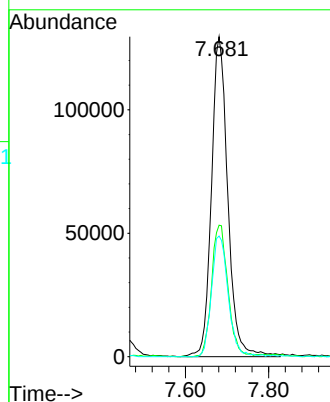
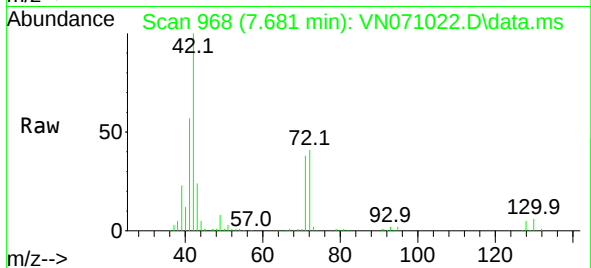
71 38.3 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2022

Supervised By :Mahesh Dadoda 02/23/2022



#30

Chloroform

Concen: 18.446 ug/l

RT: 7.816 min Scan# 991

Delta R.T. 0.006 min

Lab File: VN071022.D

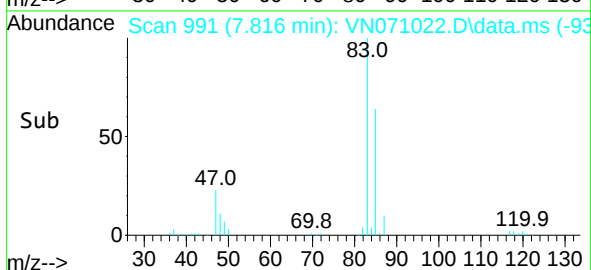
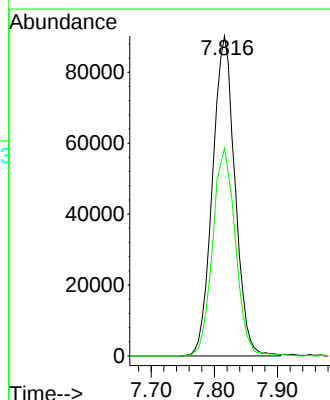
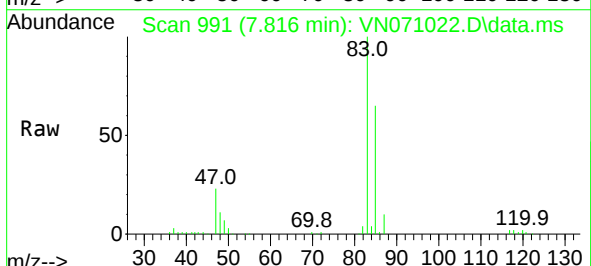
Acq: 22 Feb 2022 12:33

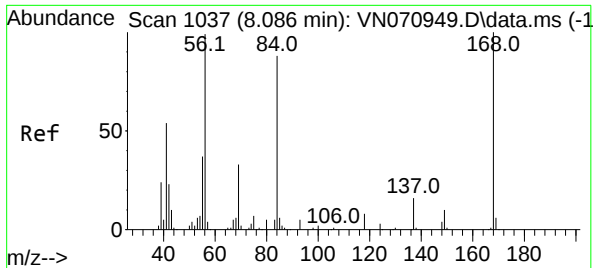
Tgt Ion: 83 Resp: 223065

Ion Ratio Lower Upper

83 100

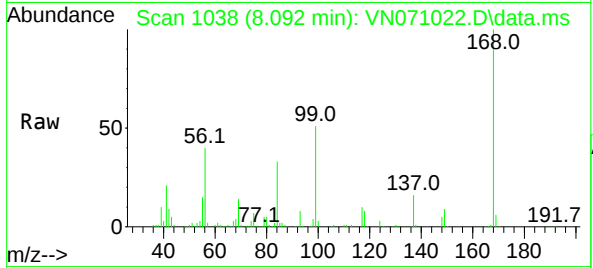
85 64.9 51.9 77.9





#31
Cyclohexane
Concen: 18.505 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33

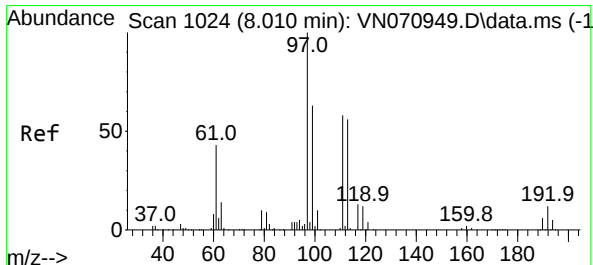
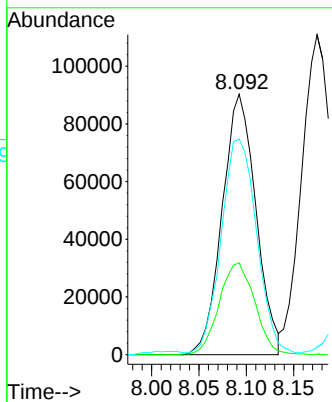
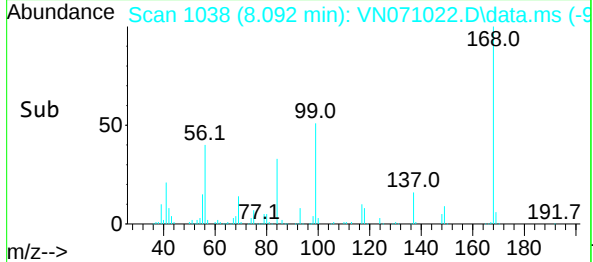
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01



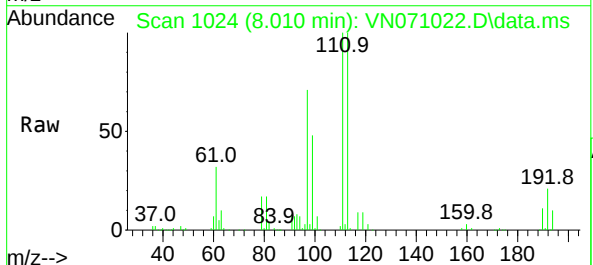
Tgt Ion: 56 Resp: 22391
Ion Ratio Lower Upper
56 100
69 35.3 27.1 40.7
84 81.7 73.4 110.0

Manual Integrations
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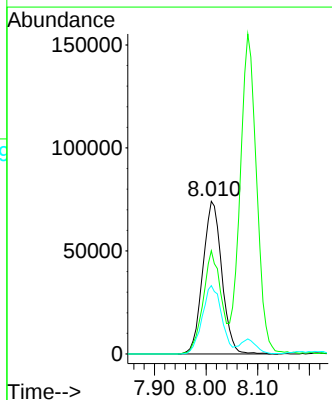
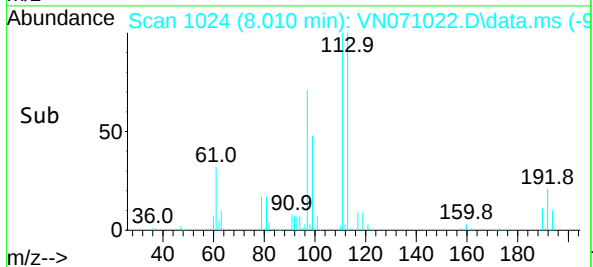
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022

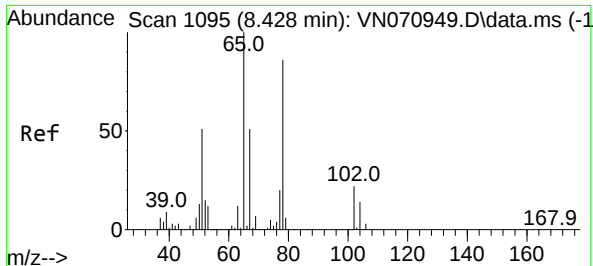


#32
1,1,1-Trichloroethane
Concen: 18.120 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33



Tgt Ion: 97 Resp: 189225
Ion Ratio Lower Upper
97 100
99 62.4 50.1 75.1
61 45.5 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 52.204 ug/l

RT: 8.434 min Scan# 1095

Delta R.T. 0.006 min

Lab File: VN071022.D

Acq: 22 Feb 2022 12:33

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBS01

Tgt Ion: 65 Resp: 365244

Ion Ratio Lower Upper

65 100

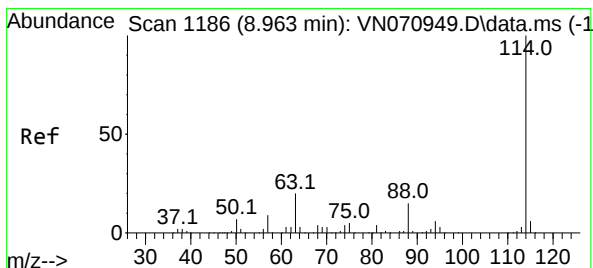
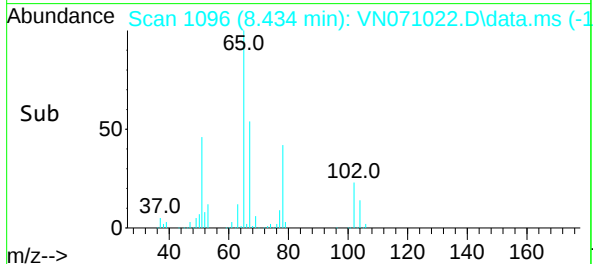
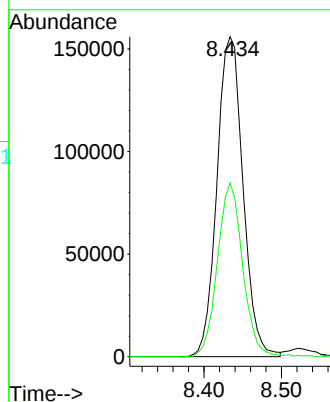
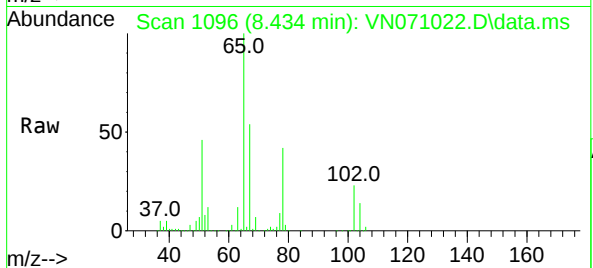
67 52.6 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2022

Supervised By :Mahesh Dadoda 02/23/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. 0.000 min

Lab File: VN071022.D

Acq: 22 Feb 2022 12:33

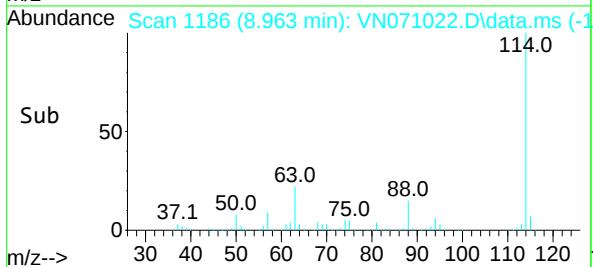
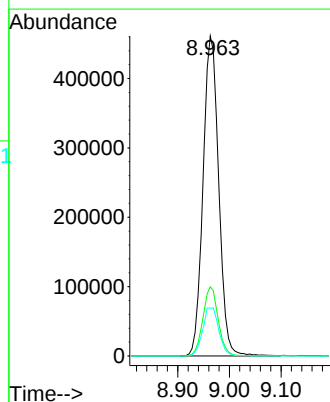
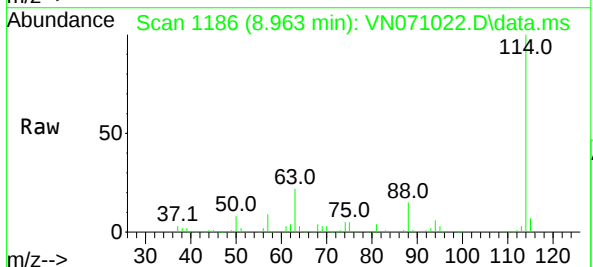
Tgt Ion:114 Resp: 971839

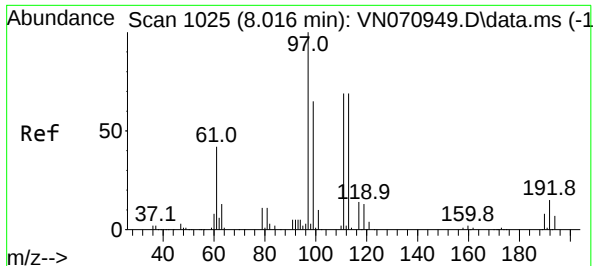
Ion Ratio Lower Upper

114 100

63 21.6 0.0 37.8

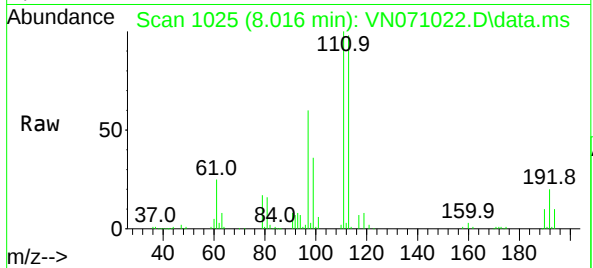
88 15.0 0.0 27.4





#35
Dibromofluoromethane
Concen: 49.884 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.000 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33

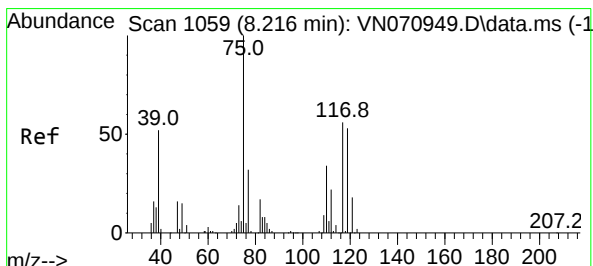
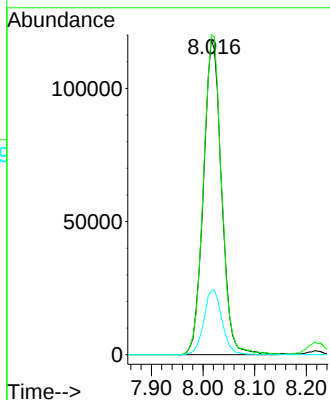
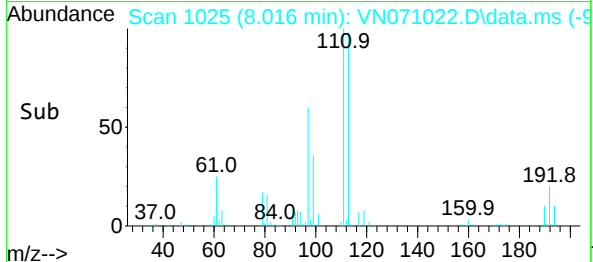
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01



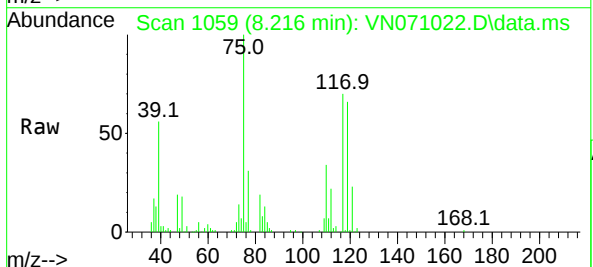
Tgt Ion: 113 Resp: 28835
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.2
192 20.7 16.9 25.3

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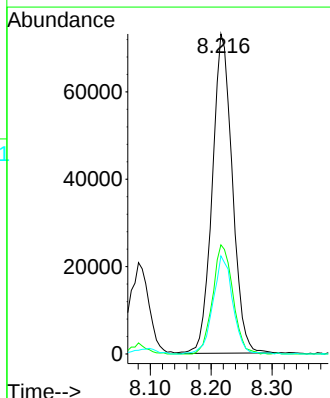
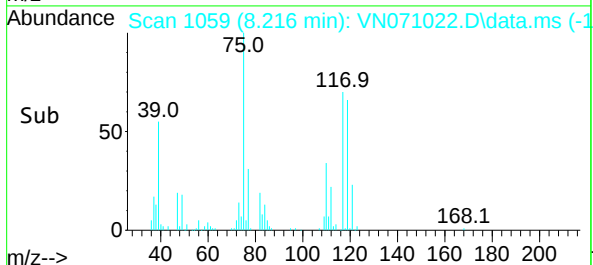
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022

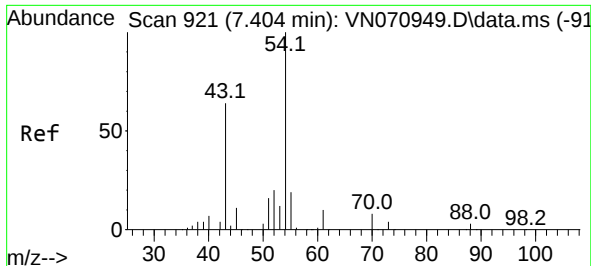


#36
1,1-Dichloropropene
Concen: 17.675 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33



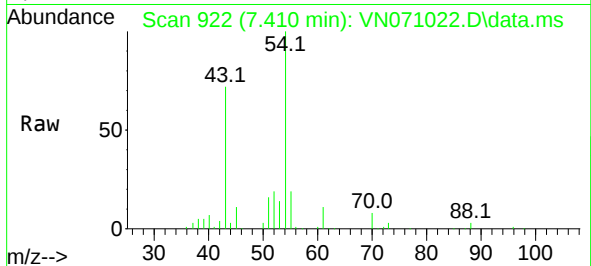
Tgt Ion: 75 Resp: 167392
Ion Ratio Lower Upper
75 100
110 34.4 18.4 55.2
77 30.2 24.4 36.6





#37
Ethyl Acetate
Concen: 21.487 ug/l
RT: 7.410 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33

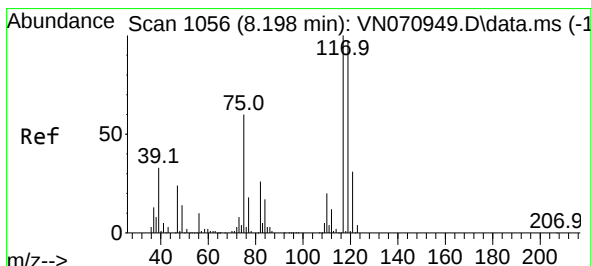
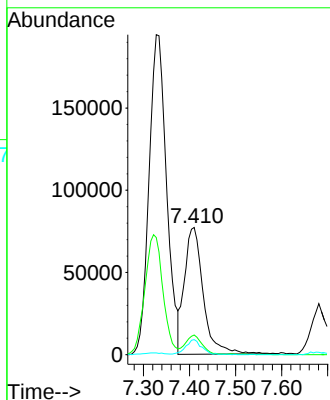
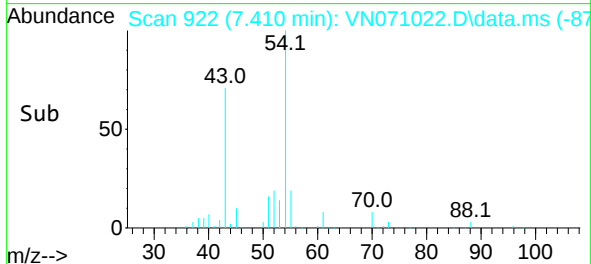
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01



Tgt Ion: 43 Resp: 21823
Ion Ratio Lower Upper
43 100
61 13.6 11.5 17.3
70 10.2 7.9 11.9

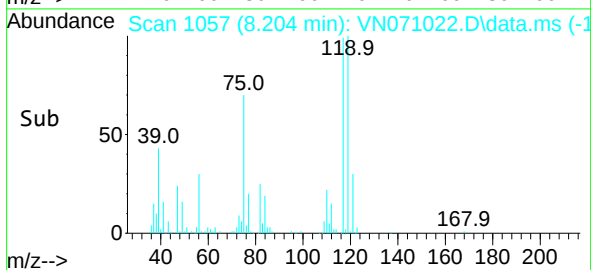
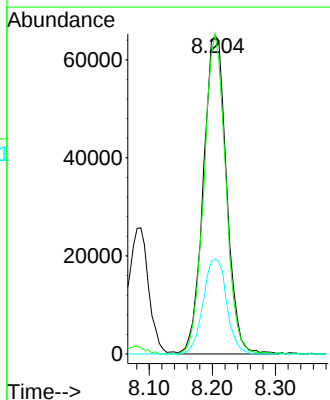
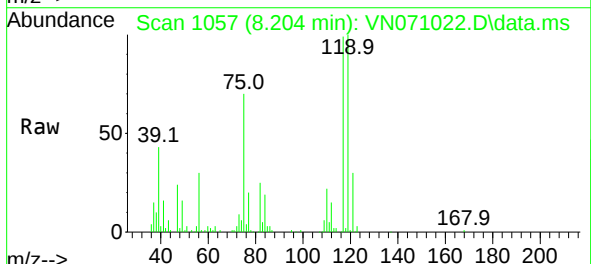
Manual Integrations
APPROVED

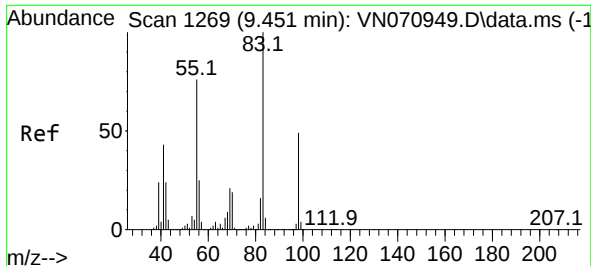
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022



#38
Carbon Tetrachloride
Concen: 17.781 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33

Tgt Ion:117 Resp: 165914
Ion Ratio Lower Upper
117 100
119 100.5 76.1 114.1
121 29.9 24.2 36.2





#39

Methylcyclohexane

Concen: 16.465 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. 0.006 min

Lab File: VN071022.D

Acq: 22 Feb 2022 12:33

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBS01

Tgt Ion: 83 Resp: 200639

Ion Ratio Lower Upper

83 100

55 79.9 58.1 87.1

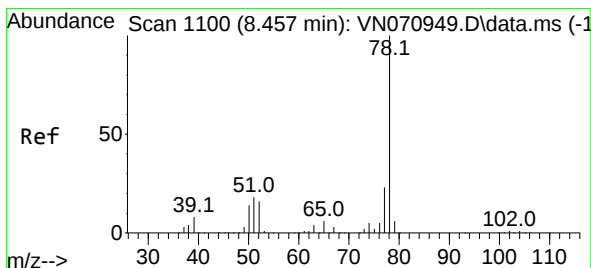
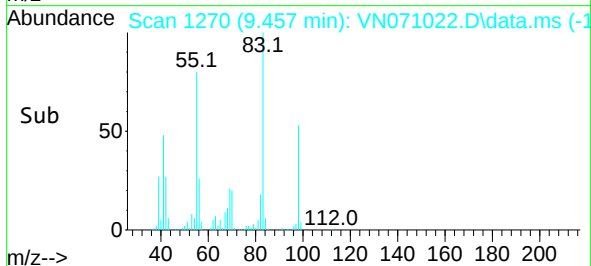
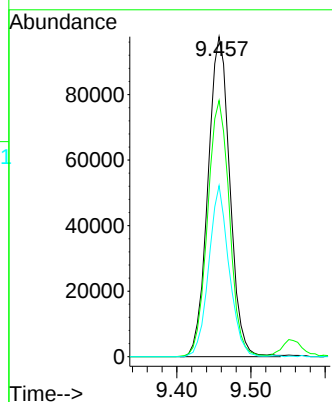
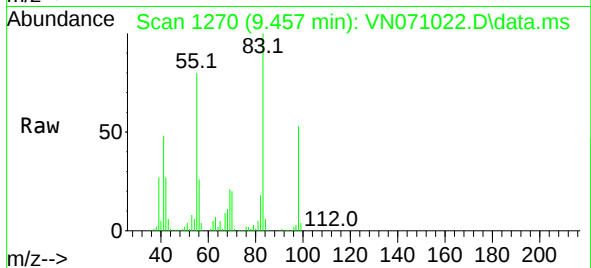
98 53.4 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2022

Supervised By :Mahesh Dadoda 02/23/2022



#40

Benzene

Concen: 18.430 ug/l

RT: 8.457 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VN071022.D

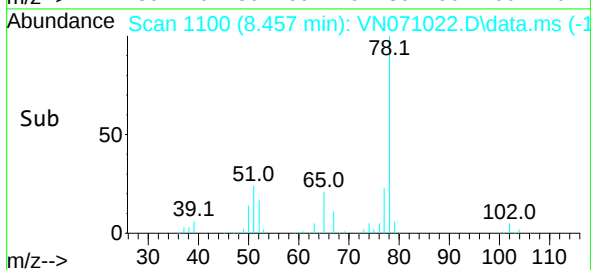
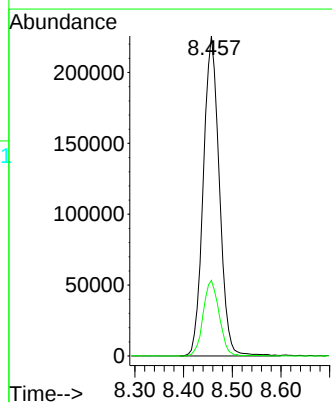
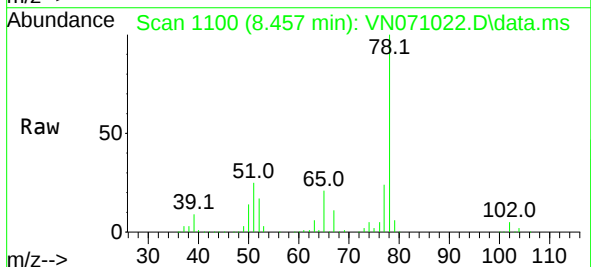
Acq: 22 Feb 2022 12:33

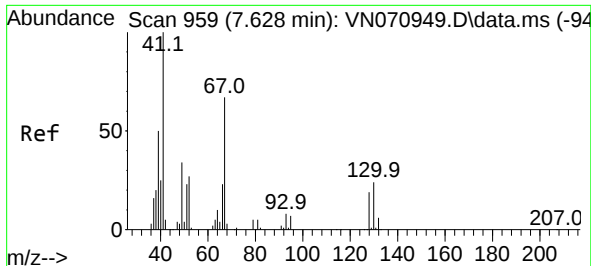
Tgt Ion: 78 Resp: 516298

Ion Ratio Lower Upper

78 100

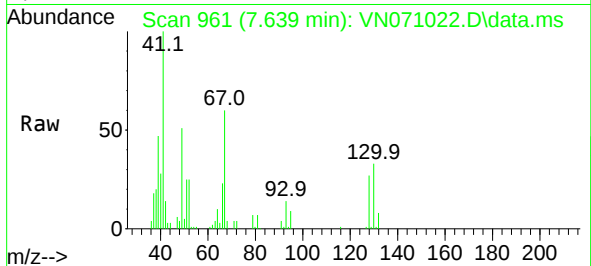
77 23.6 18.6 27.8





#41
Methacrylonitrile
Concen: 20.142 ug/l
RT: 7.639 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33

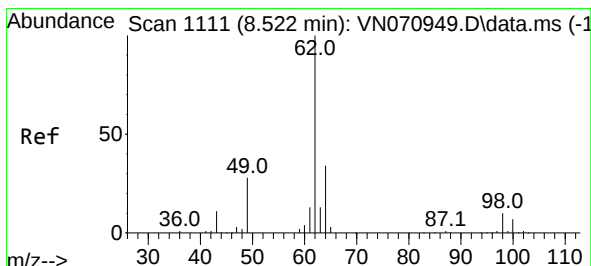
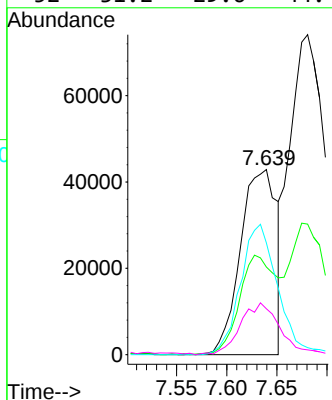
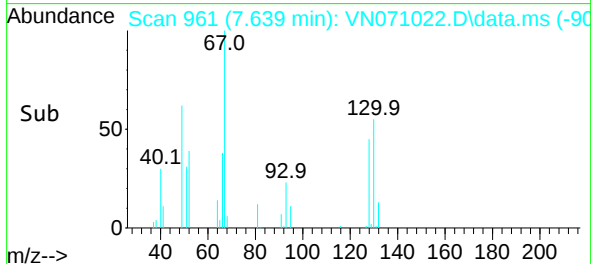
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01



Tgt Ion: 41 Resp: 10774
Ion Ratio Lower Upper
41 100
39 52.8 48.1 72.1
67 73.4 68.3 102.5
52 31.2 29.6 44.4

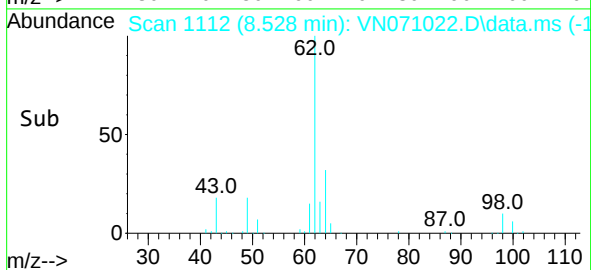
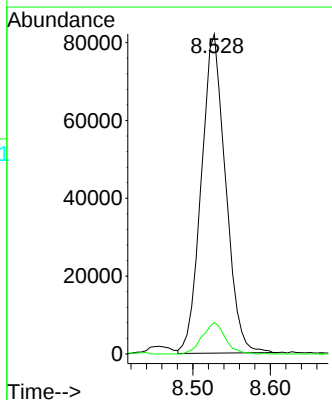
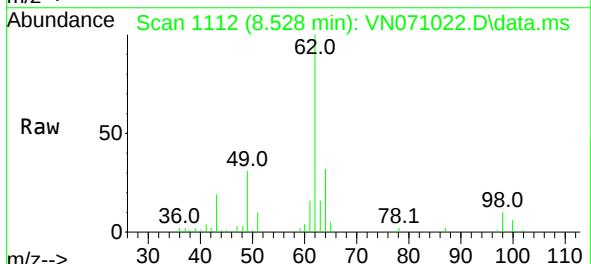
Manual Integrations
APPROVED

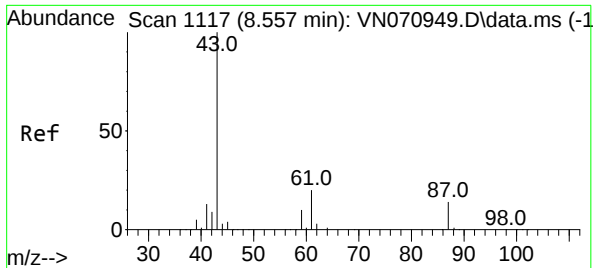
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022



#42
1,2-Dichloroethane
Concen: 18.672 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33

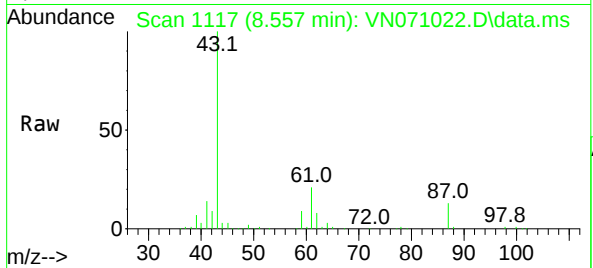
Tgt Ion: 62 Resp: 178146
Ion Ratio Lower Upper
62 100
98 9.3 0.0 17.6





#43
Isopropyl Acetate
Concen: 19.567 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33

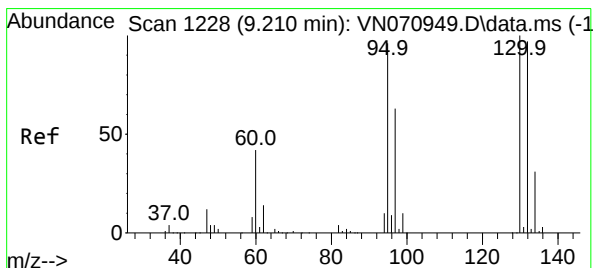
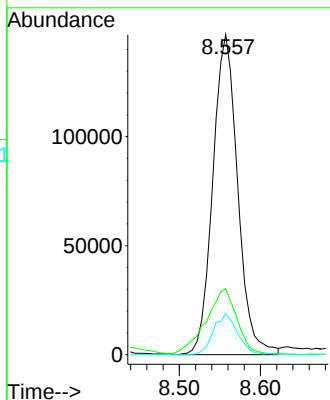
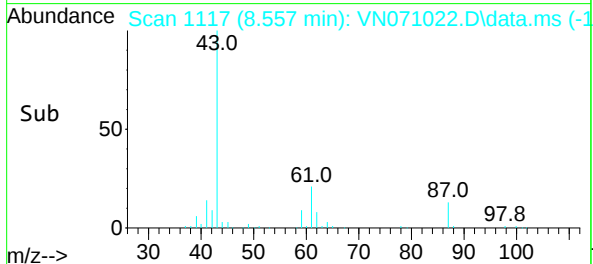
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01



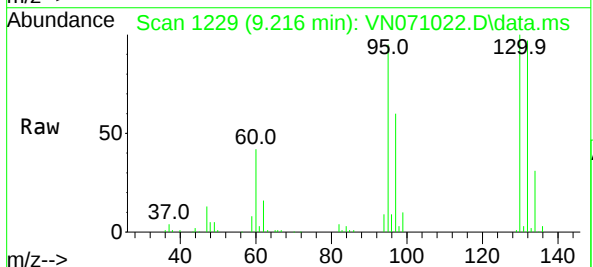
Tgt Ion: 43 Resp: 313260
Ion Ratio Lower Upper
43 100
61 26.1 20.4 30.6
87 12.5 11.2 16.8

Manual Integrations
APPROVED

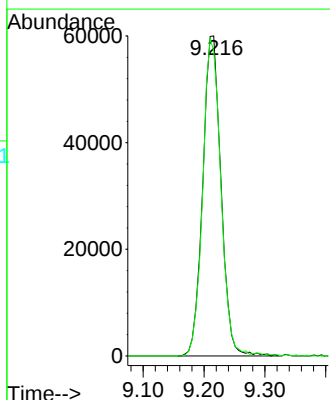
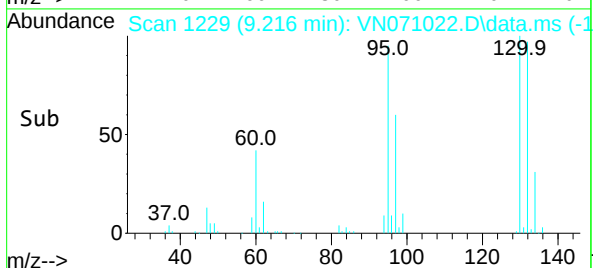
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022

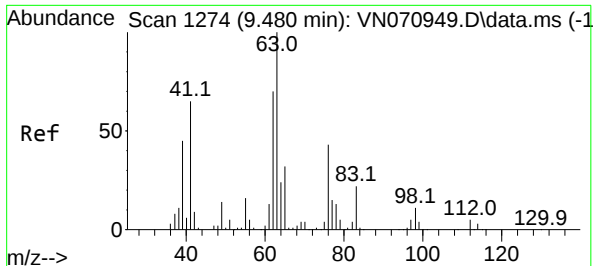


#44
Trichloroethene
Concen: 16.974 ug/l
RT: 9.216 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33



Tgt Ion:130 Resp: 125210
Ion Ratio Lower Upper
130 100
95 95.2 0.0 191.2





#45

1,2-Dichloropropane

Concen: 18.545 ug/l

RT: 9.486 min Scan# 1274

Delta R.T. 0.006 min

Lab File: VN071022.D

Acq: 22 Feb 2022 12:33

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBS01

Tgt Ion: 63 Resp: 133070

Ion Ratio Lower Upper

63 100

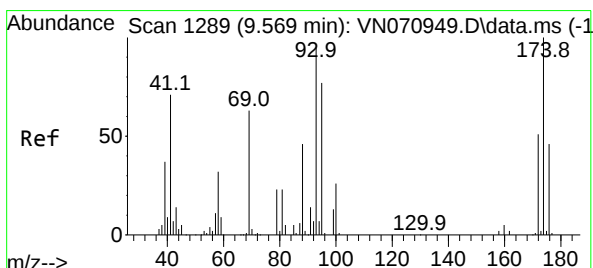
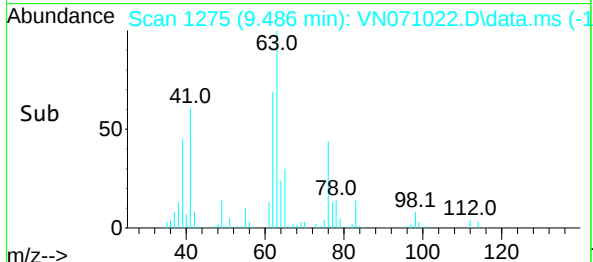
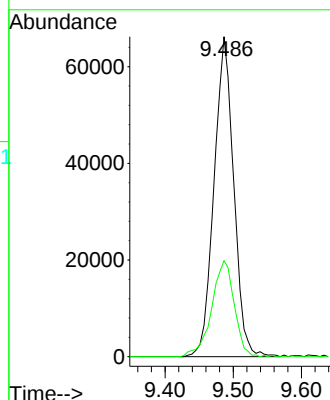
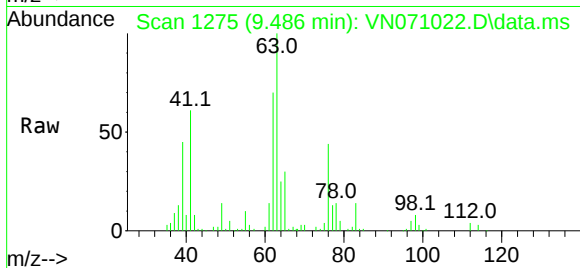
65 30.0 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2022

Supervised By :Mahesh Dadoda 02/23/2022



#46

Dibromomethane

Concen: 18.263 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. 0.006 min

Lab File: VN071022.D

Acq: 22 Feb 2022 12:33

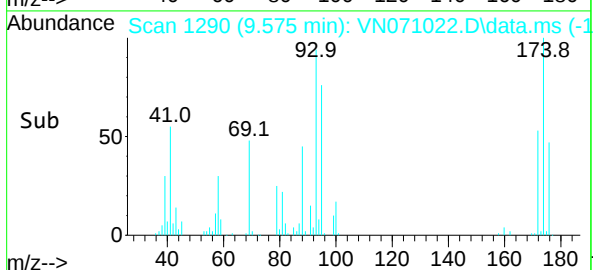
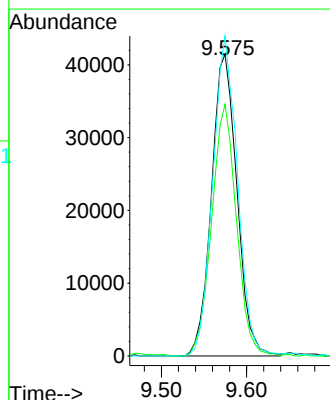
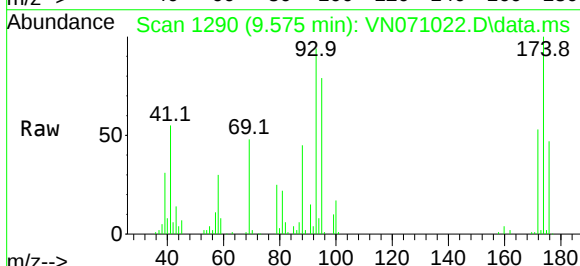
Tgt Ion: 93 Resp: 86245

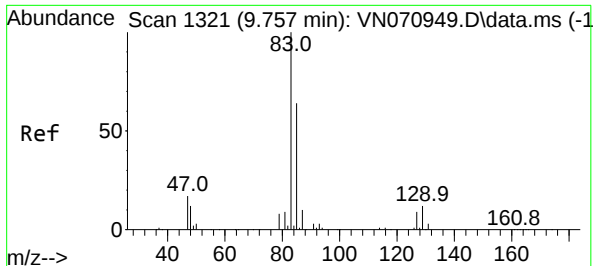
Ion Ratio Lower Upper

93 100

95 81.2 65.9 98.9

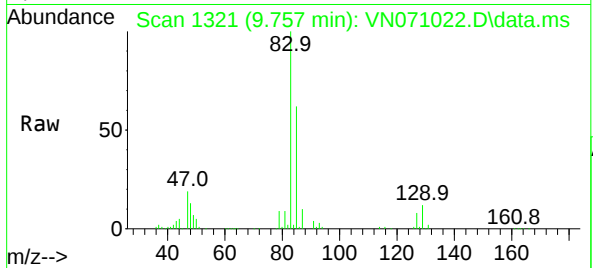
174 102.9 84.6 127.0





#47
Bromodichloromethane
Concen: 17.785 ug/l
RT: 9.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33

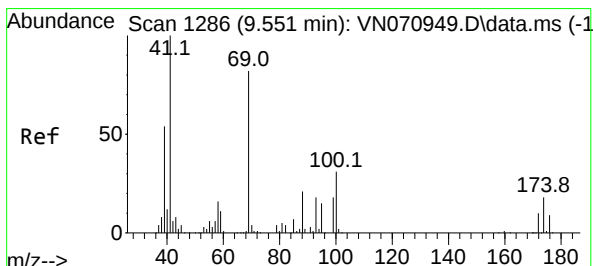
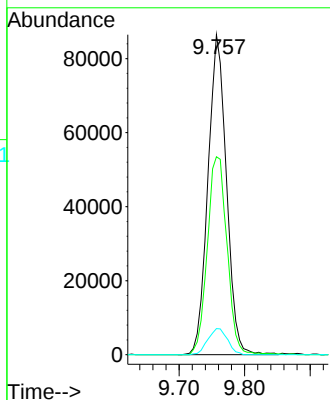
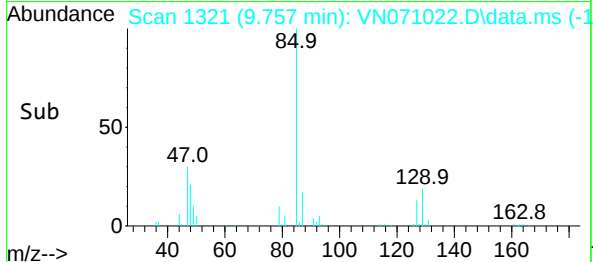
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01



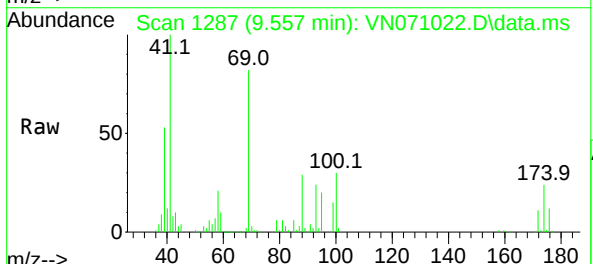
Tgt Ion: 83 Resp: 169744
Ion Ratio Lower Upper
83 100
85 61.9 50.9 76.3
127 8.2 7.1 10.7

Manual Integrations
APPROVED

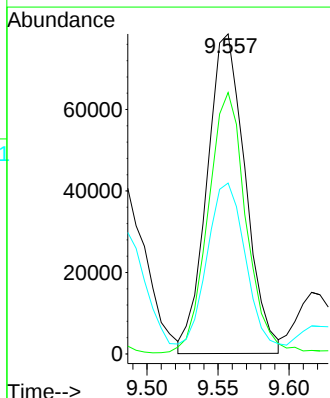
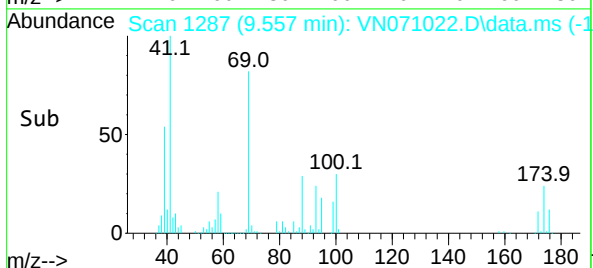
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022

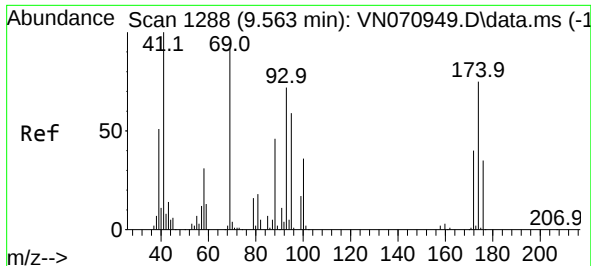


#48
Methyl methacrylate
Concen: 19.439 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33



Tgt Ion: 41 Resp: 147300
Ion Ratio Lower Upper
41 100
69 82.2 72.4 108.6
39 55.3 58.4 87.6#





#49

1,4-Dioxane

Concen: 416.030 ug/l

RT: 9.563 min Scan# 1288

Delta R.T. 0.000 min

Lab File: VN071022.D

Acq: 22 Feb 2022 12:33

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBS01

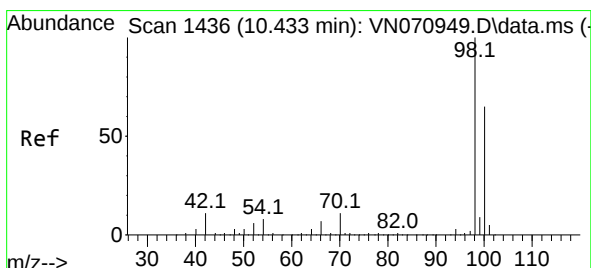
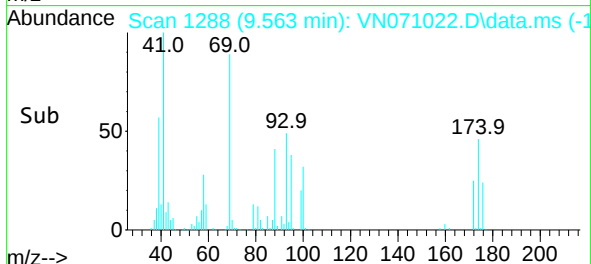
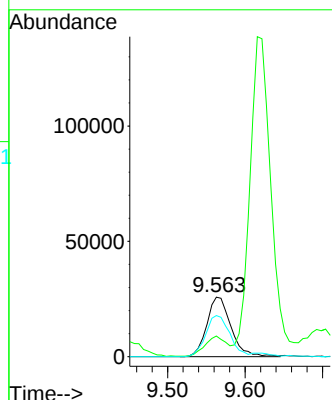
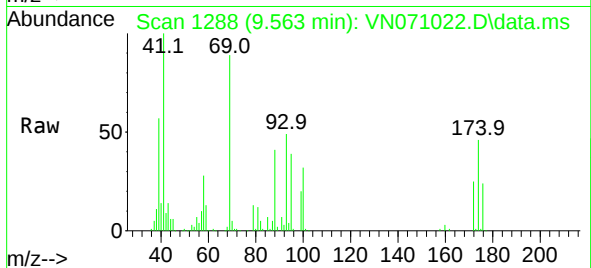
Tgt Ion: 88 Resp: 5599
 Ion Ratio Lower Upper
 88 100
 43 29.8 23.4 35.2
 58 68.7 50.6 75.8

Manual Integrations

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Reviewed By :John Carlone 02/23/2022

Supervised By :Mahesh Dadoda 02/23/2022



#50

Toluene-d8

Concen: 48.695 ug/l

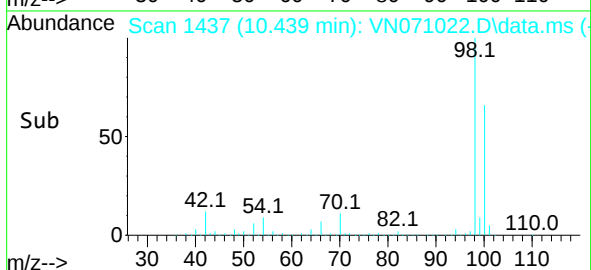
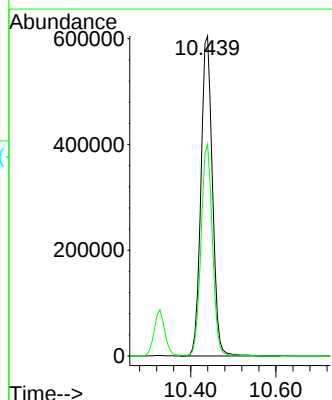
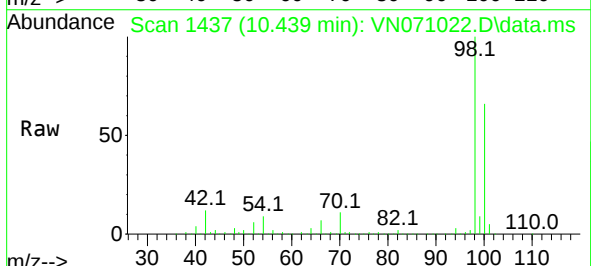
RT: 10.439 min Scan# 1437

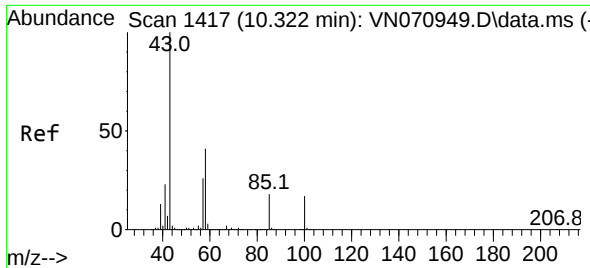
Delta R.T. 0.006 min

Lab File: VN071022.D

Acq: 22 Feb 2022 12:33

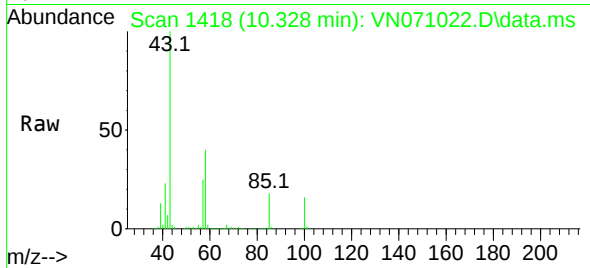
Tgt Ion: 98 Resp: 1130411
 Ion Ratio Lower Upper
 98 100
 100 65.4 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 103.251 ug/l
RT: 10.328 min Scan# 1417
Delta R.T. 0.006 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33

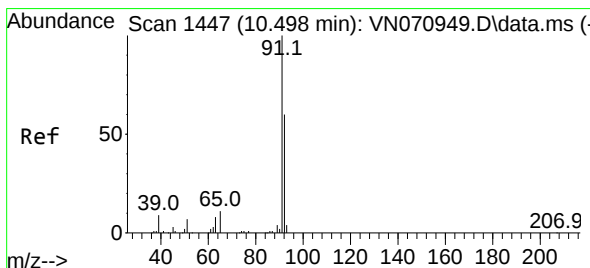
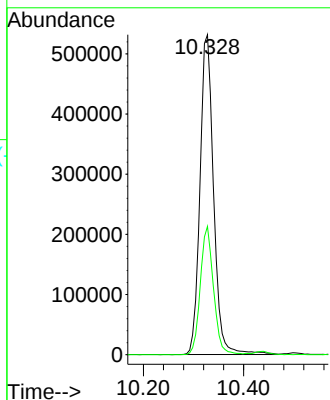
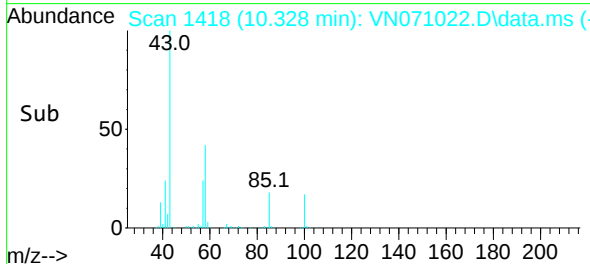
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01



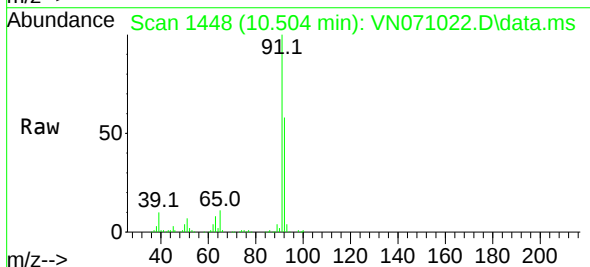
Tgt Ion: 43 Resp: 100570
Ion Ratio Lower Upper
43 100
58 38.7 30.4 45.6

Manual Integrations
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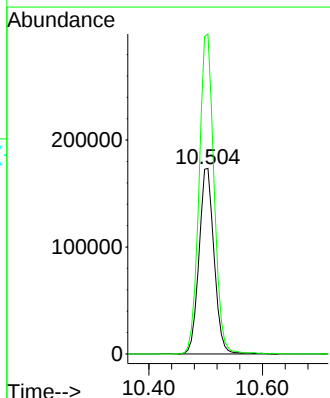
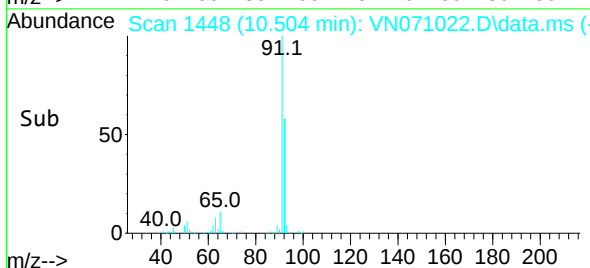
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022

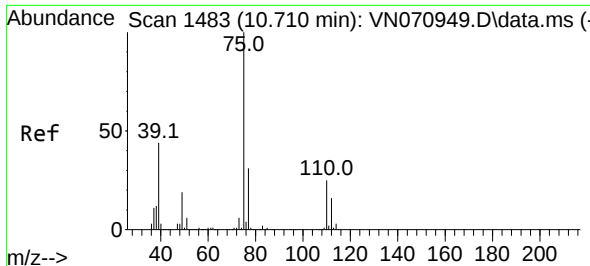


#52
Toluene
Concen: 18.123 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33



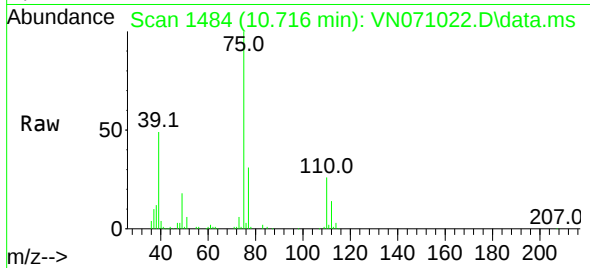
Tgt Ion: 92 Resp: 319018
Ion Ratio Lower Upper
92 100
91 171.7 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 17.544 ug/l
RT: 10.716 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33

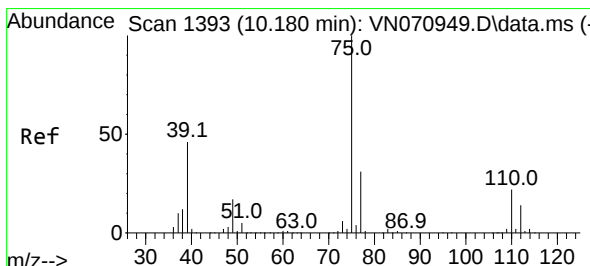
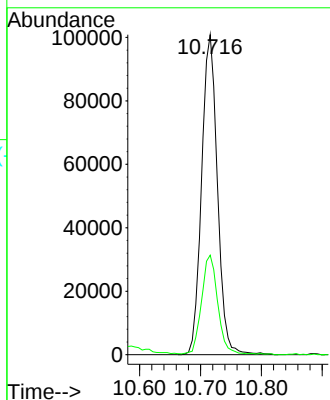
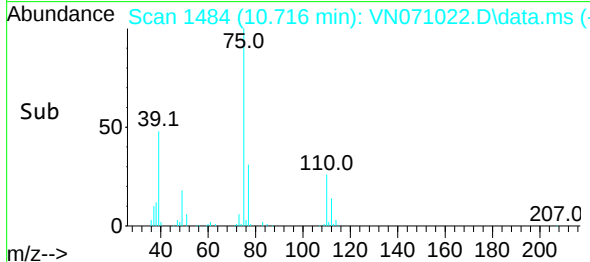
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01



Tgt Ion: 75 Resp: 18206
Ion Ratio Lower Upper
75 100
77 31.1 25.6 38.4

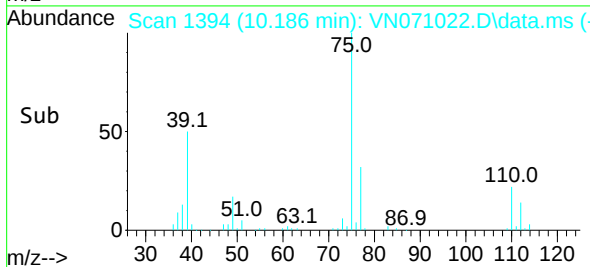
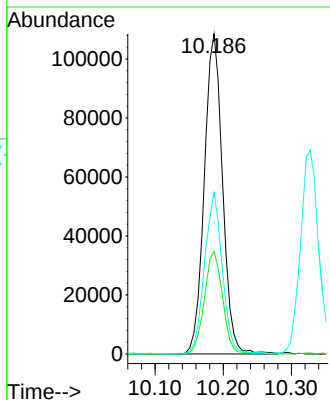
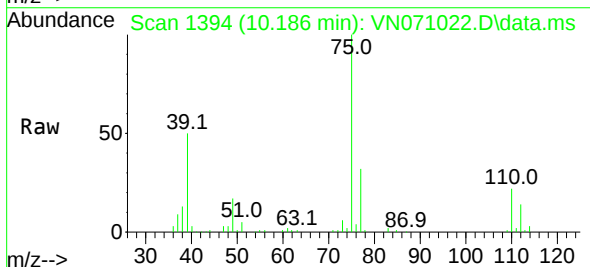
Manual Integrations
APPROVED

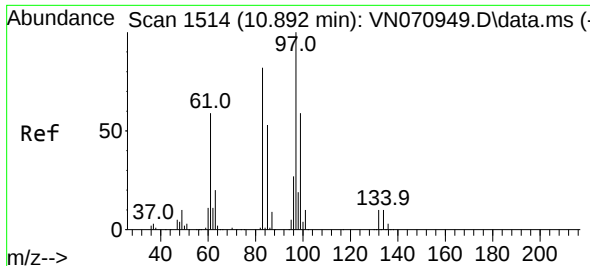
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022



#54
cis-1,3-Dichloropropene
Concen: 17.713 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.006 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33

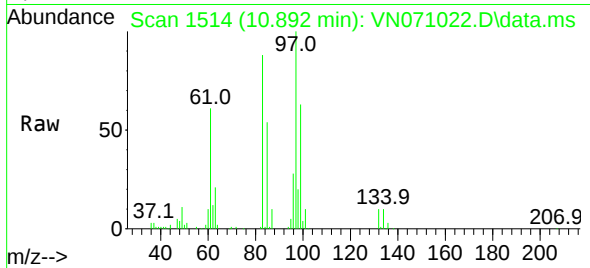
Tgt Ion: 75 Resp: 201879
Ion Ratio Lower Upper
75 100
77 32.1 26.4 39.6
39 50.5 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 18.730 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33

Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01

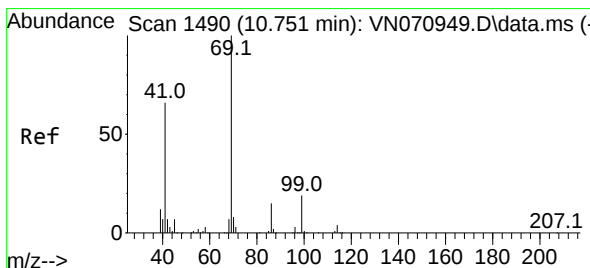
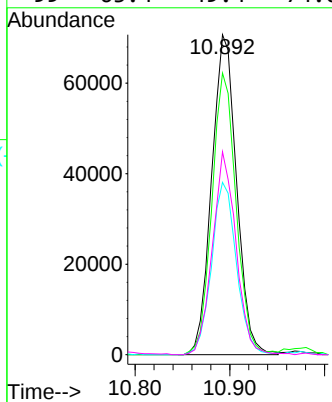
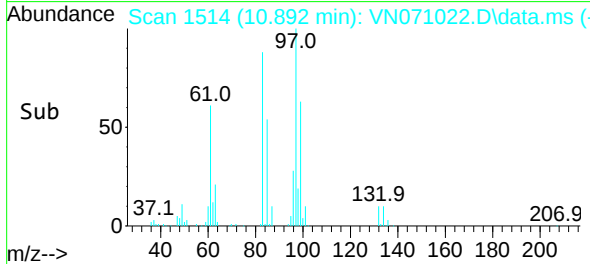


Tgt Ion: 97 Resp: 129050

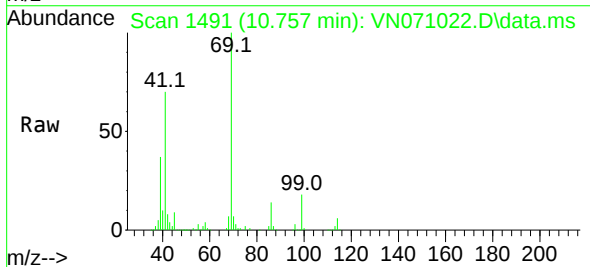
Ion	Ratio	Lower	Upper
97	100		
83	88.0	67.8	101.6
85	53.9	45.4	68.2
99	63.4	49.4	74.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022

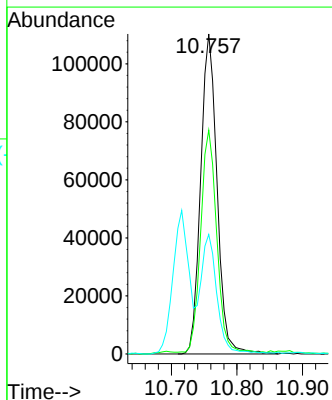
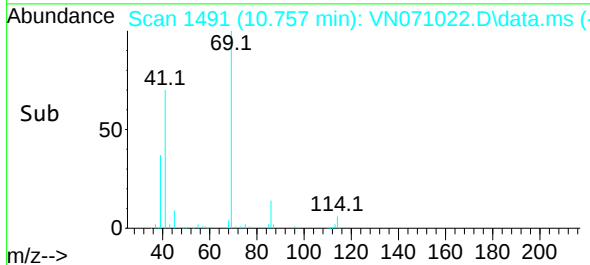


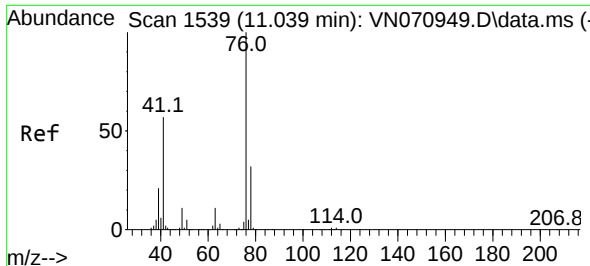
#56
Ethyl methacrylate
Concen: 18.490 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33



Tgt Ion: 69 Resp: 191959

Ion	Ratio	Lower	Upper
69	100		
41	68.0	51.4	77.0
39	37.1	34.6	52.0





#57

1,3-Dichloropropane

Concen: 18.938 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN071022.D

Acq: 22 Feb 2022 12:33

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBS01

Tgt Ion: 76 Resp: 22571

Ion Ratio Lower Upper

76 100

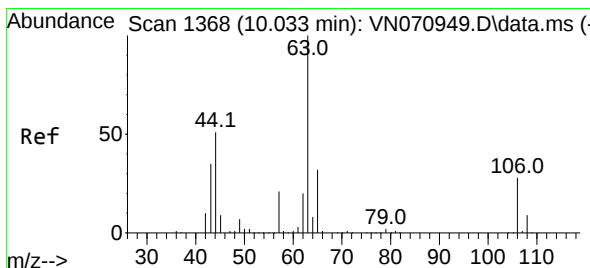
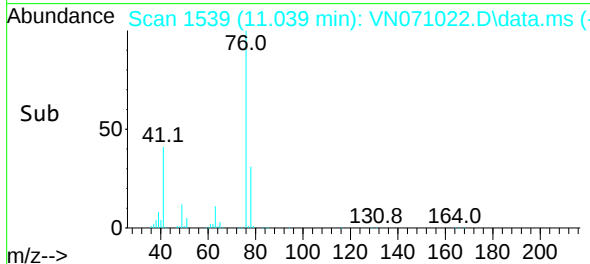
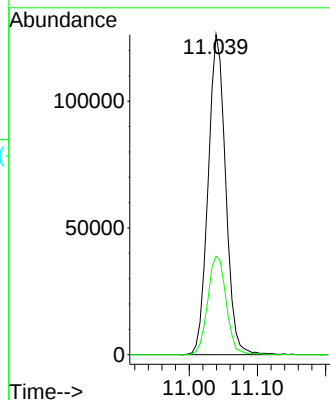
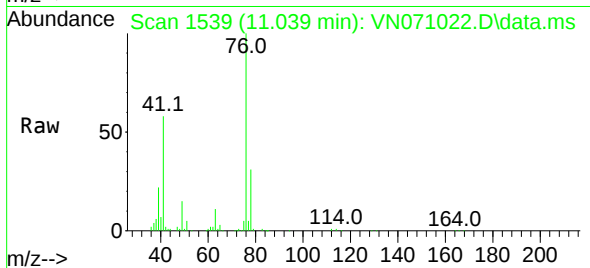
78 32.4 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2022

Supervised By :Mahesh Dadoda 02/23/2022



#58

2-Chloroethyl Vinyl ether

Concen: 91.028 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VN071022.D

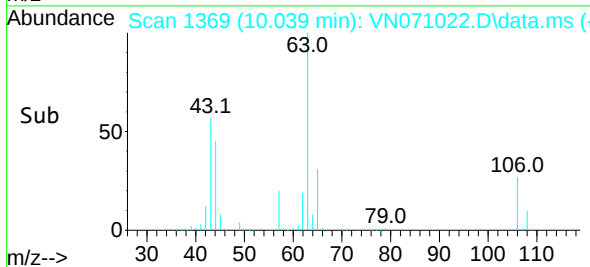
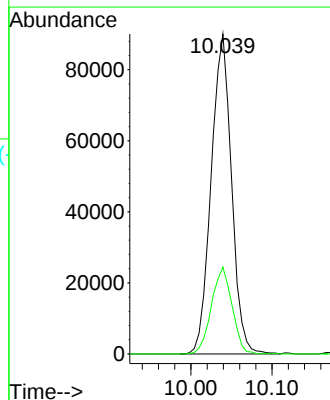
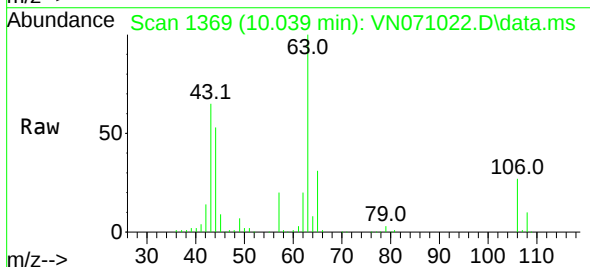
Acq: 22 Feb 2022 12:33

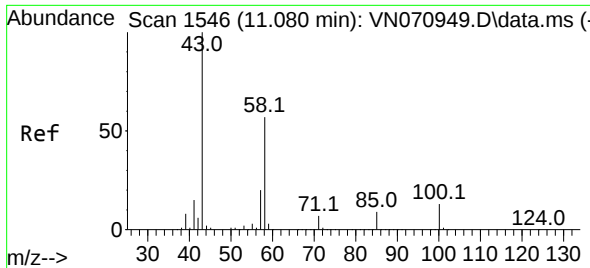
Tgt Ion: 63 Resp: 156704

Ion Ratio Lower Upper

63 100

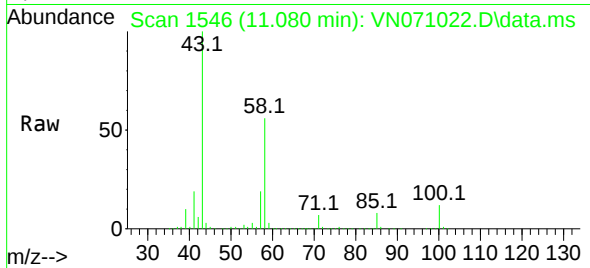
106 27.4 23.9 35.9





#59
2-Hexanone
Concen: 102.082 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33

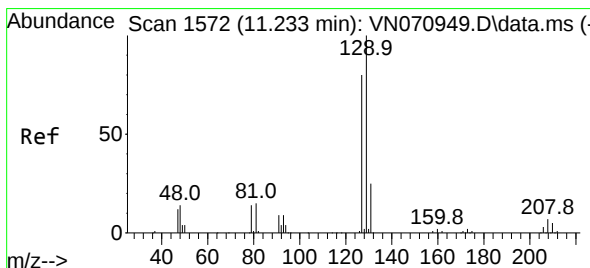
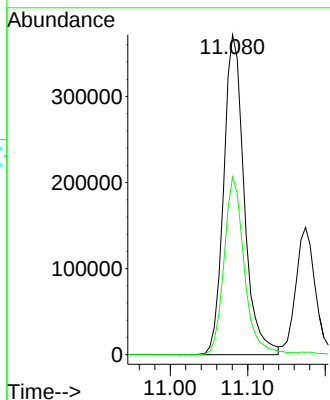
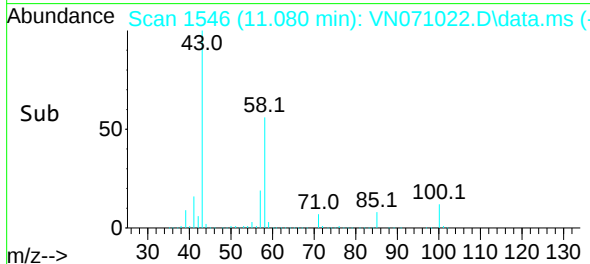
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01



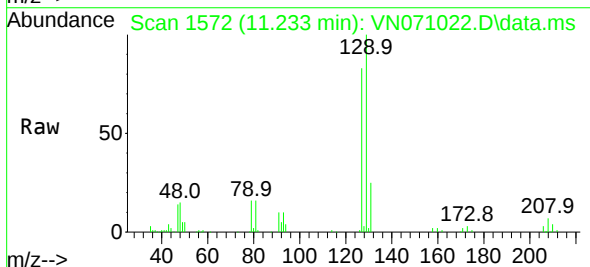
Tgt Ion: 43 Resp: 68384
Ion Ratio Lower Upper
43 100
58 54.9 26.9 80.7

Manual Integrations
APPROVED

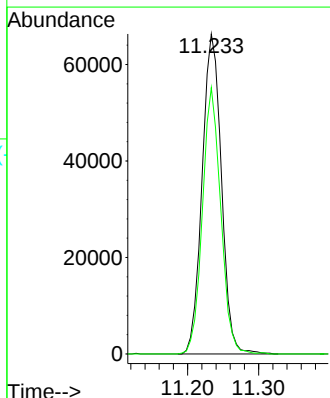
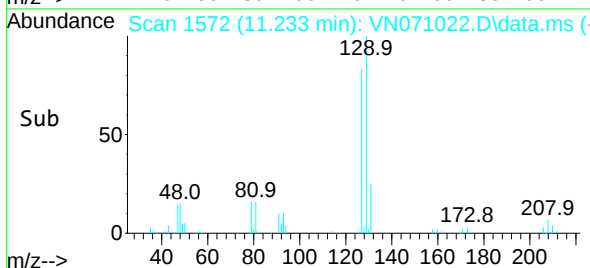
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022

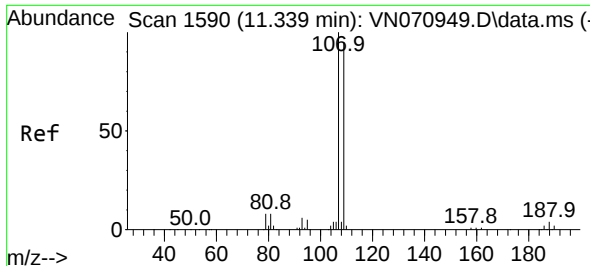


#60
Dibromochloromethane
Concen: 17.186 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33



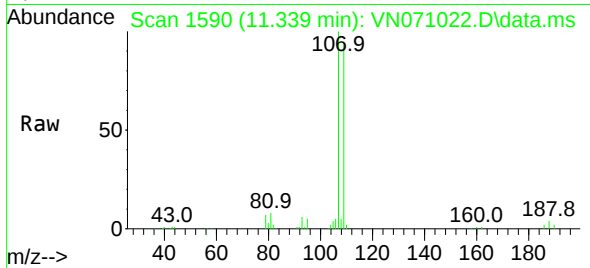
Tgt Ion:129 Resp: 125147
Ion Ratio Lower Upper
129 100
127 79.3 38.6 116.0





#61
1,2-Dibromoethane
Concen: 17.724 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33

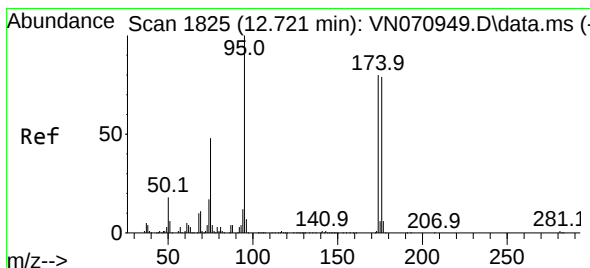
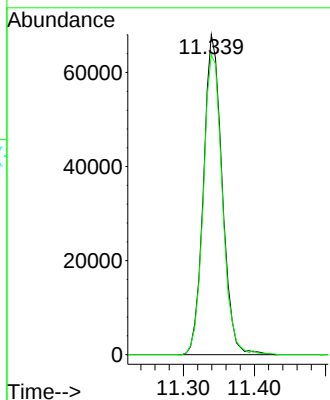
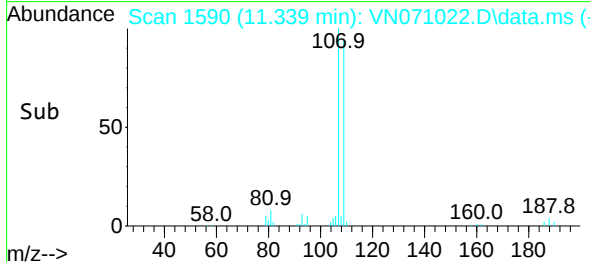
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01



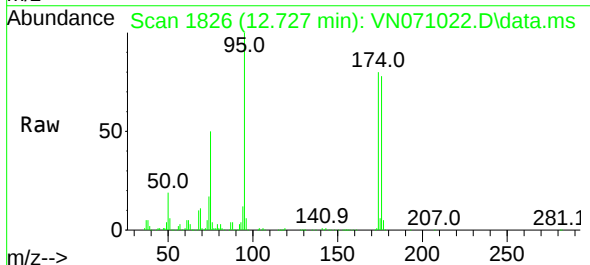
Tgt Ion:107 Resp: 124210
Ion Ratio Lower Upper
107 100
109 95.8 75.7 113.5

Manual Integrations
APPROVED

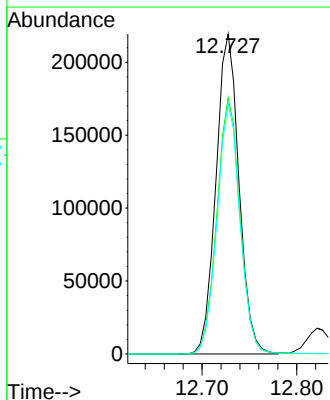
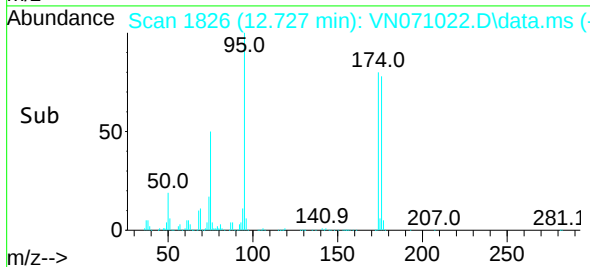
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022

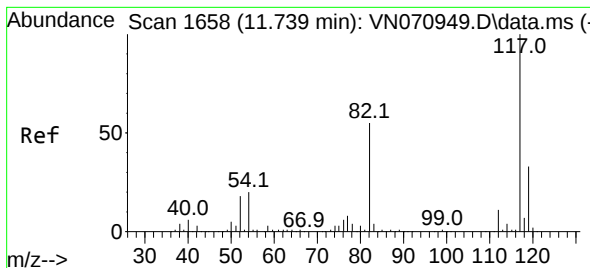


#62
4-Bromofluorobenzene
Concen: 44.640 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33



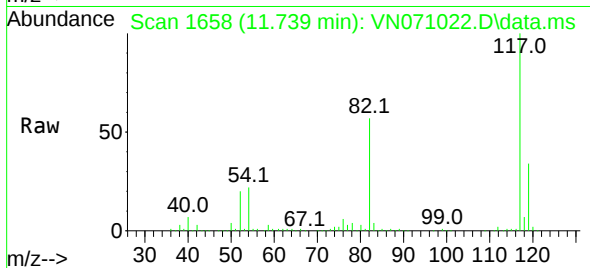
Tgt Ion: 95 Resp: 370406
Ion Ratio Lower Upper
95 100
174 81.0 0.0 187.2
176 78.3 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33

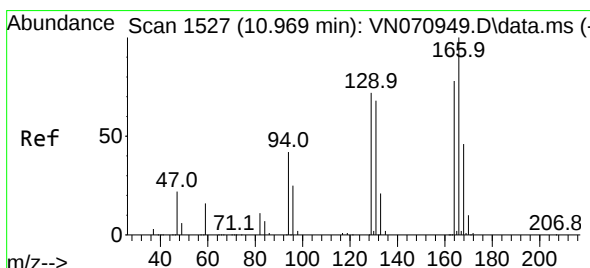
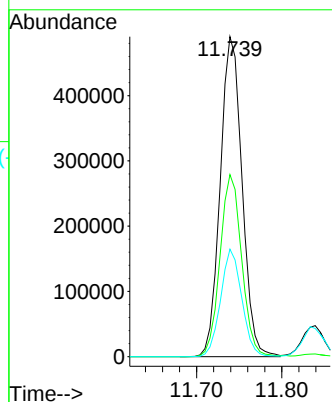
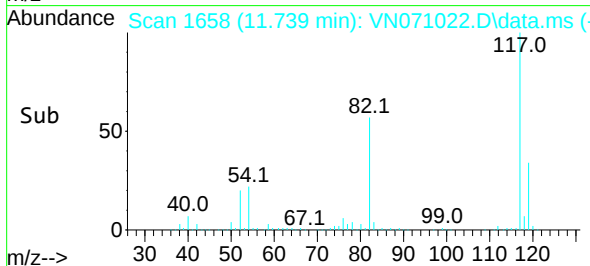
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01



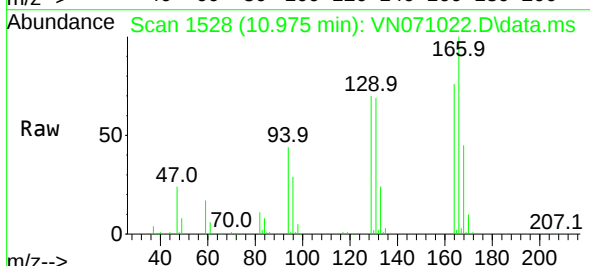
Tgt Ion:117 Resp: 874215
Ion Ratio Lower Upper
117 100
82 56.9 42.4 63.6
119 33.6 25.4 38.2

Manual Integrations
APPROVED

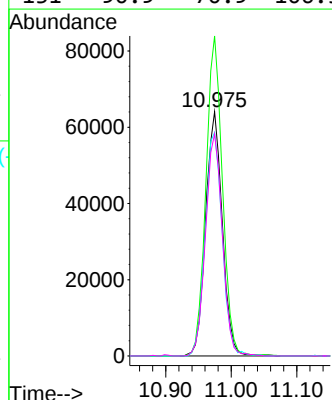
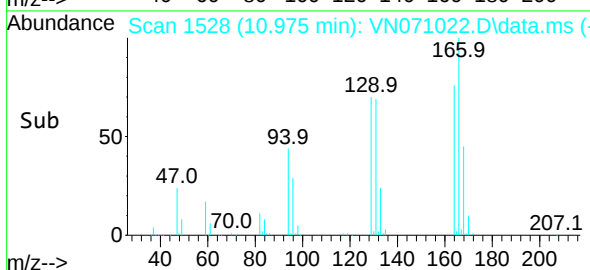
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022

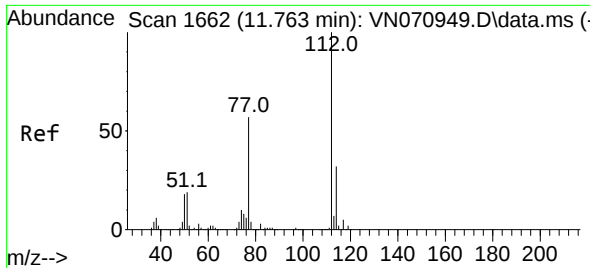


#64
Tetrachloroethene
Concen: 16.663 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.006 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33



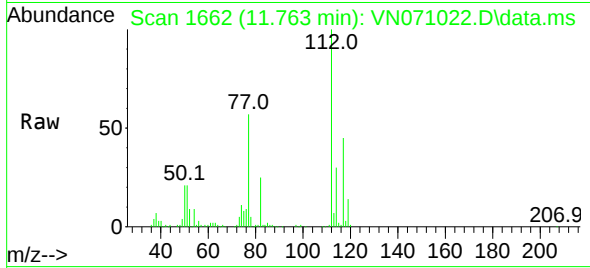
Tgt Ion:164 Resp: 113449
Ion Ratio Lower Upper
164 100
166 131.0 101.9 152.9
129 91.5 72.0 108.0
131 90.9 70.9 106.3





#65
Chlorobenzene
Concen: 17.552 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33

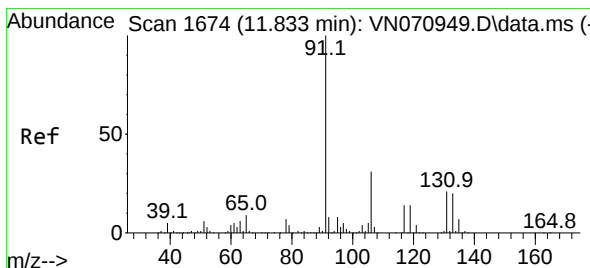
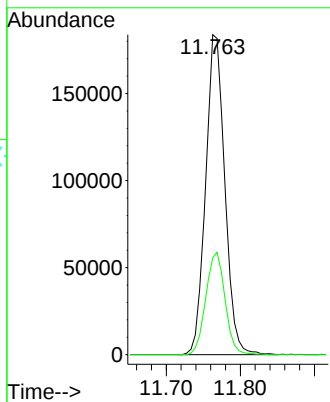
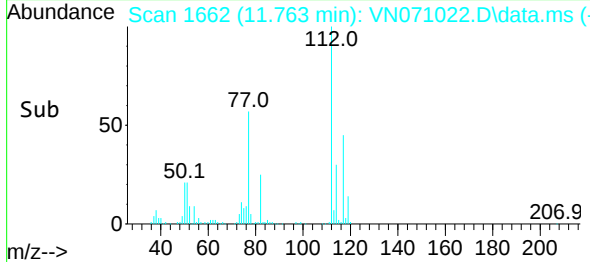
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01



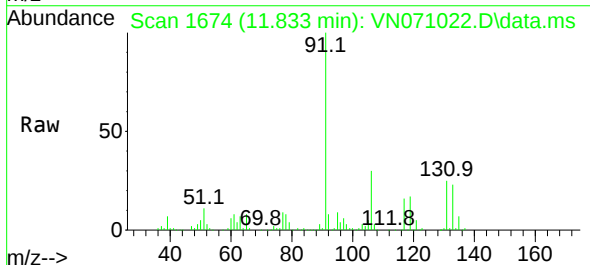
Tgt Ion:112 Resp: 330639
Ion Ratio Lower Upper
112 100
114 30.3 25.4 38.0

Manual Integrations
APPROVED

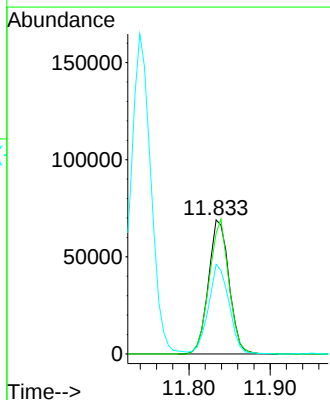
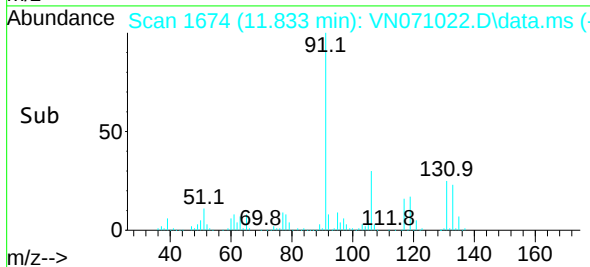
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022

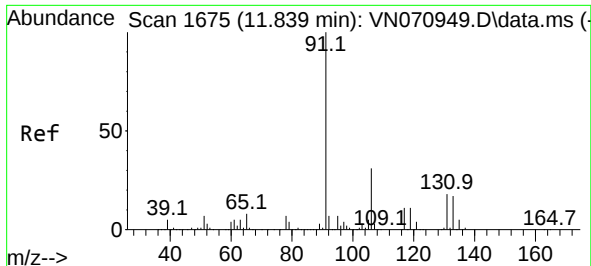


#66
1,1,1,2-Tetrachloroethane
Concen: 17.673 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33



Tgt Ion:131 Resp: 121360
Ion Ratio Lower Upper
131 100
133 96.3 47.9 143.7
119 67.0 32.1 96.5





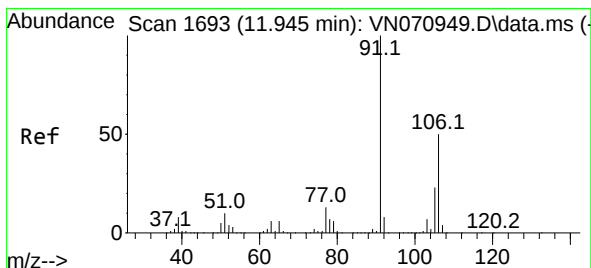
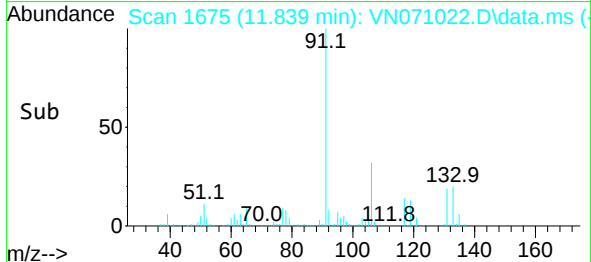
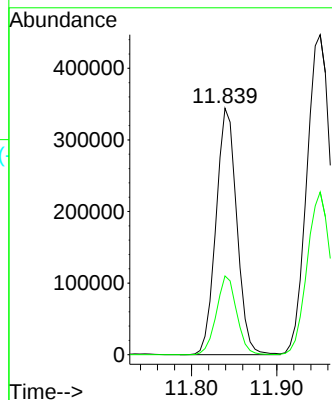
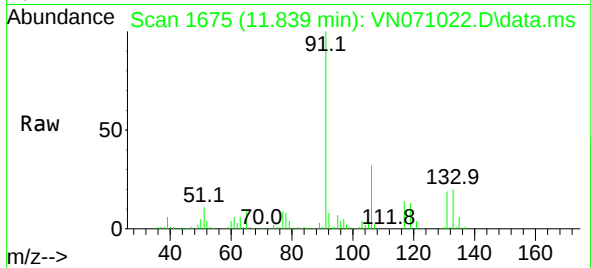
#67
Ethyl Benzene
Concen: 17.706 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33

Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01

Tgt Ion: 91 Resp: 583772
Ion Ratio Lower Upper
91 100
106 31.9 25.7 38.5

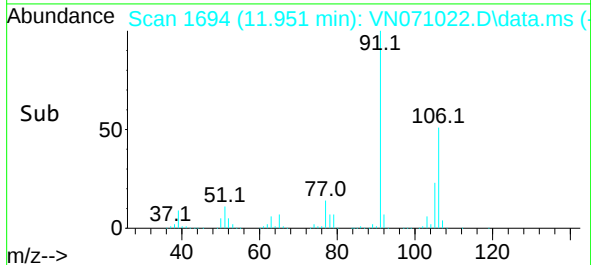
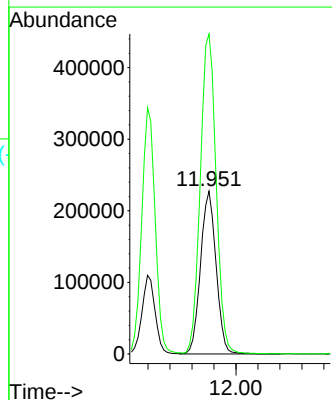
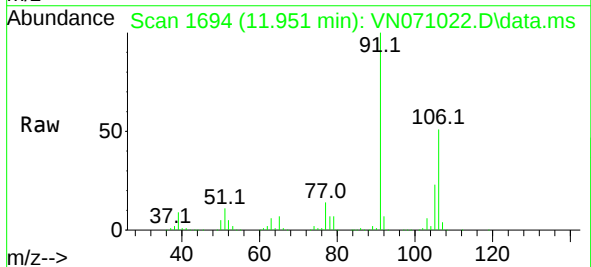
Manual Integrations
APPROVED

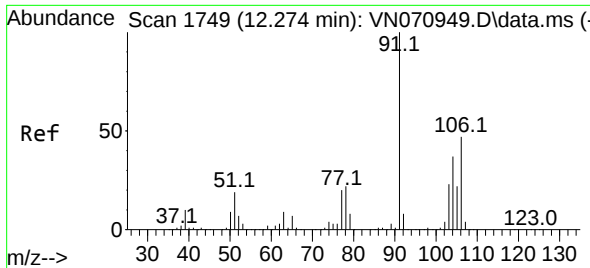
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022



#68
m/p-Xylenes
Concen: 35.032 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33

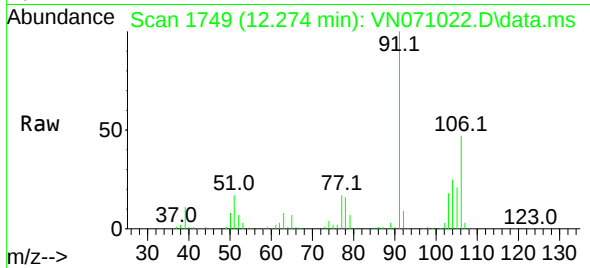
Tgt Ion:106 Resp: 446154
Ion Ratio Lower Upper
106 100
91 200.1 160.6 240.8





#69
o-Xylene
Concen: 17.838 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33

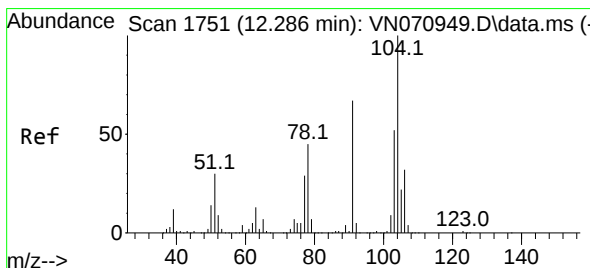
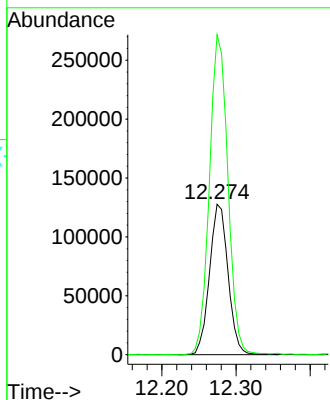
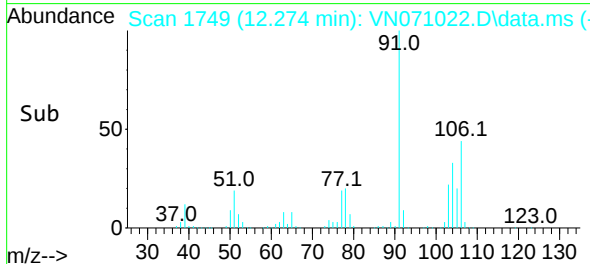
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01



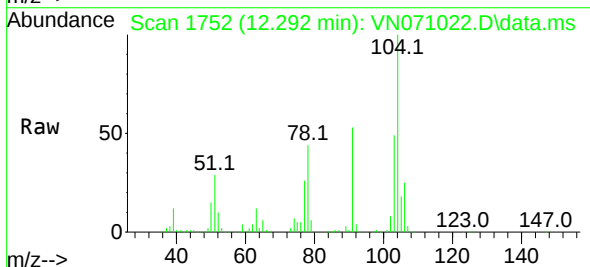
Tgt Ion:106 Resp: 221924
Ion Ratio Lower Upper
106 100
91 212.1 105.8 317.3

Manual Integrations
APPROVED

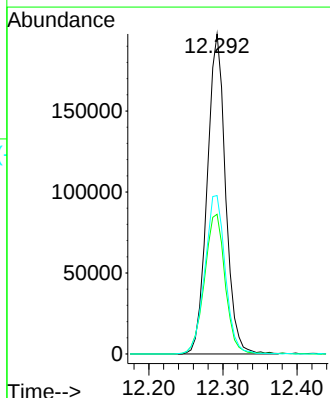
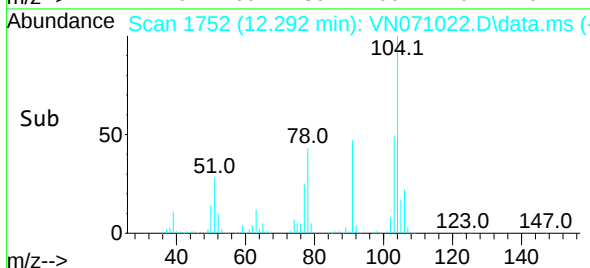
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022

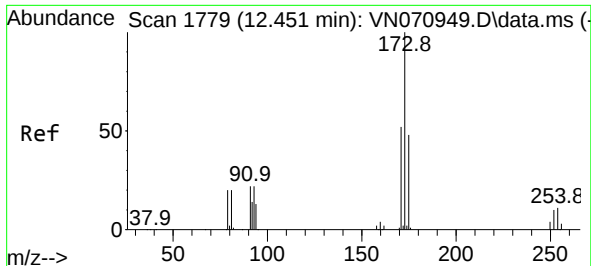


#70
Styrene
Concen: 17.185 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33



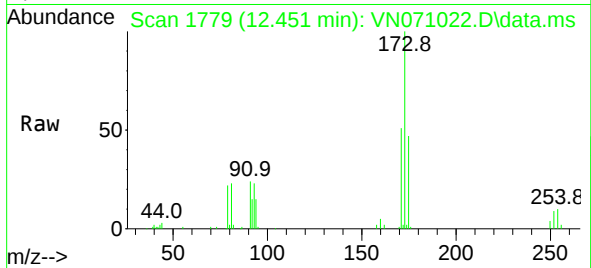
Tgt Ion:104 Resp: 339956
Ion Ratio Lower Upper
104 100
78 49.2 38.7 58.1
103 55.2 45.0 67.6





#71
Bromoform
Concen: 17.057 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33

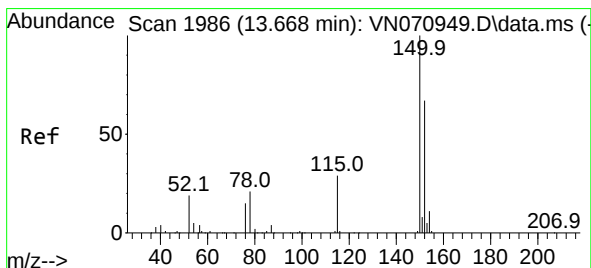
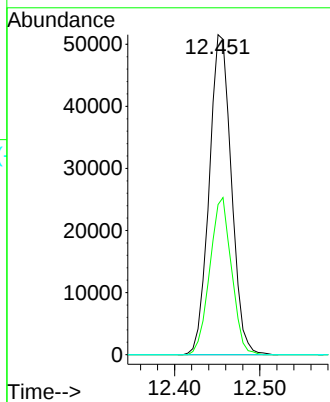
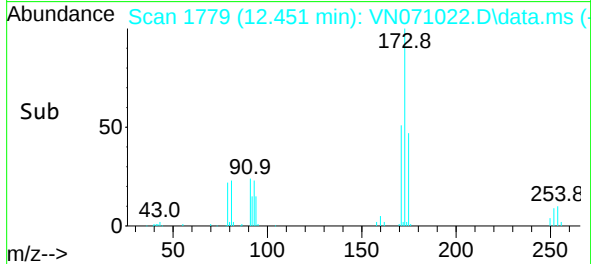
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01



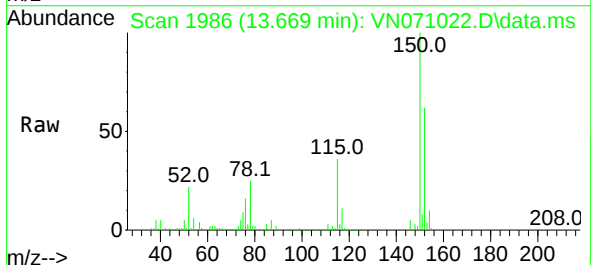
Tgt Ion:173 Resp: 93284
Ion Ratio Lower Upper
173 100
175 48.0 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

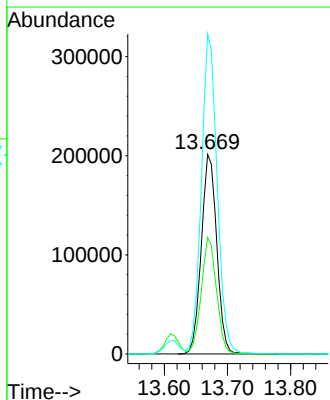
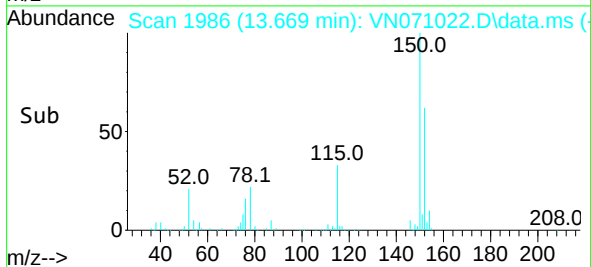
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022

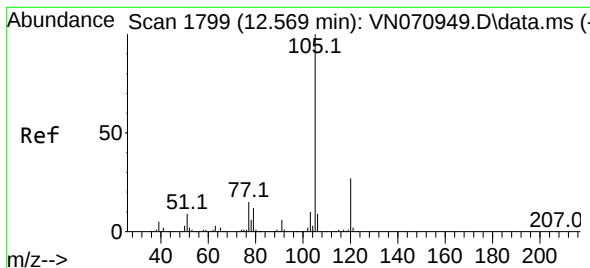


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33



Tgt Ion:152 Resp: 342579
Ion Ratio Lower Upper
152 100
115 57.8 27.5 82.5
150 163.3 0.0 344.4





#73

Isopropylbenzene

Concen: 20.374 ug/l

RT: 12.574 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN071022.D

Acq: 22 Feb 2022 12:33

Instrument :

MSVOA_N

ClientSampleId :

VN0222WBS01

Tgt Ion:105 Resp: 56180

Ion Ratio Lower Upper

105 100

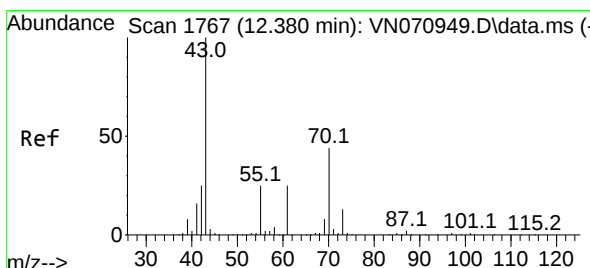
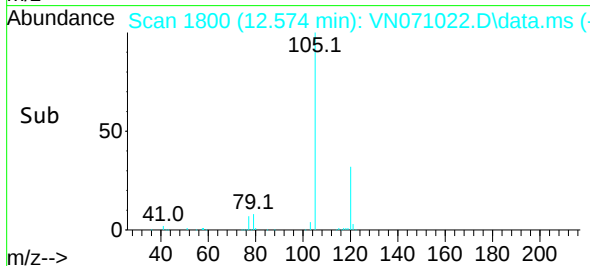
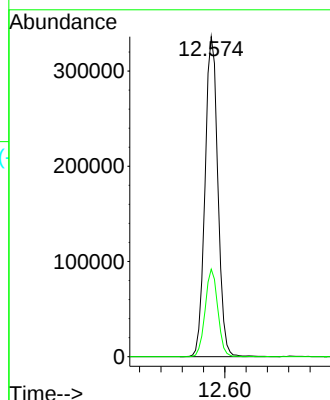
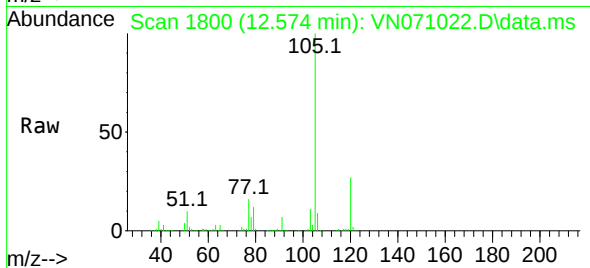
120 26.8 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2022

Supervised By :Mahesh Dadoda 02/23/2022



#74

N-ethyl acetate

Concen: 20.322 ug/l

RT: 12.386 min Scan# 1768

Delta R.T. 0.006 min

Lab File: VN071022.D

Acq: 22 Feb 2022 12:33

Tgt Ion: 43 Resp: 179127

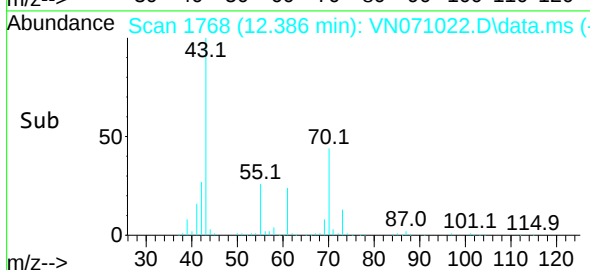
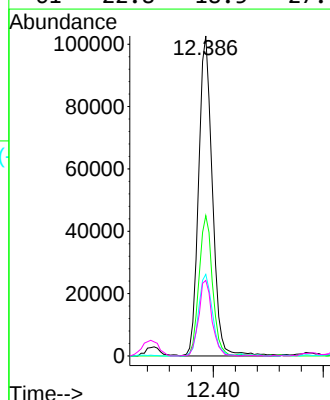
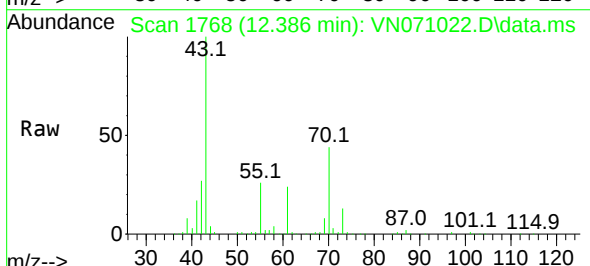
Ion Ratio Lower Upper

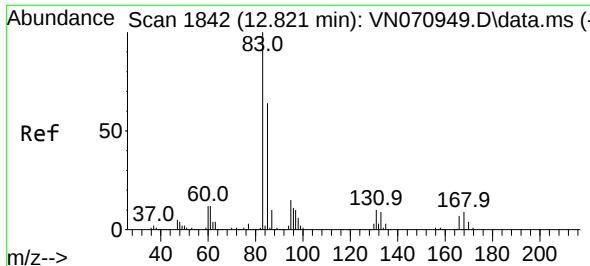
43 100

70 42.5 33.4 50.0

55 25.4 19.3 28.9

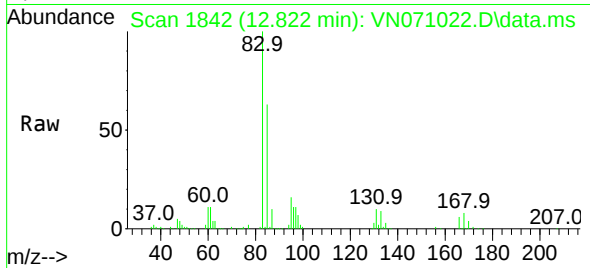
61 22.8 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 21.532 ug/l
RT: 12.822 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33

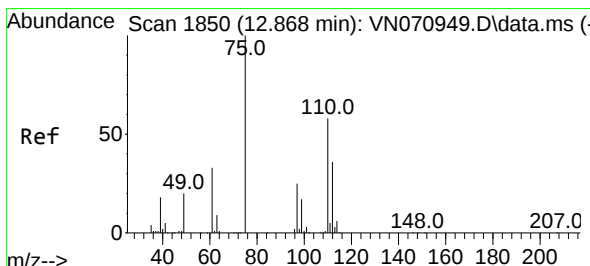
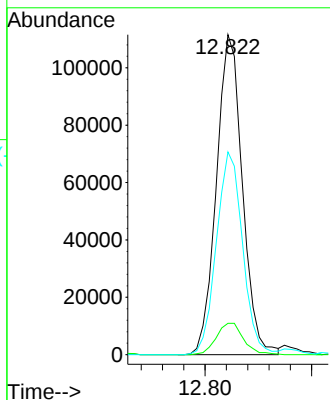
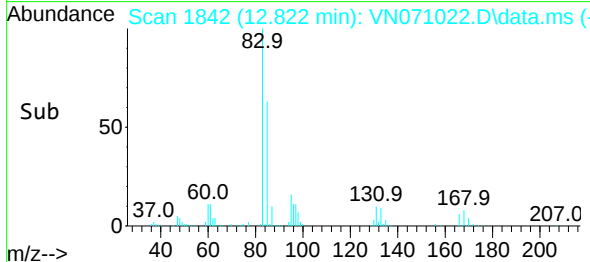
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01



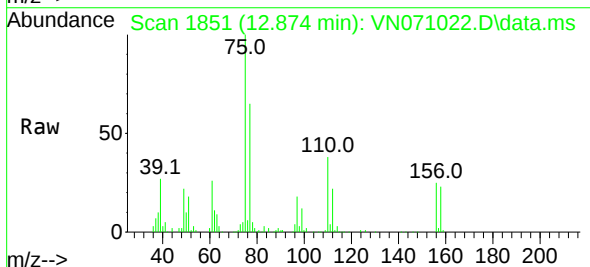
Tgt Ion: 83 Resp: 188674
Ion Ratio Lower Upper
83 100
131 10.4 5.5 16.5
85 63.8 32.4 97.2

Manual Integrations
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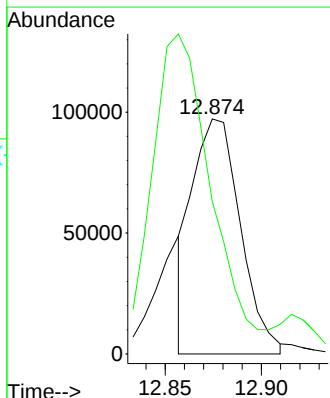
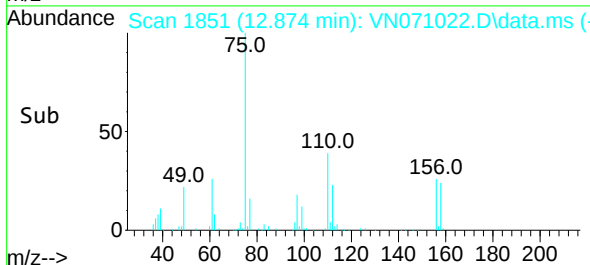
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022

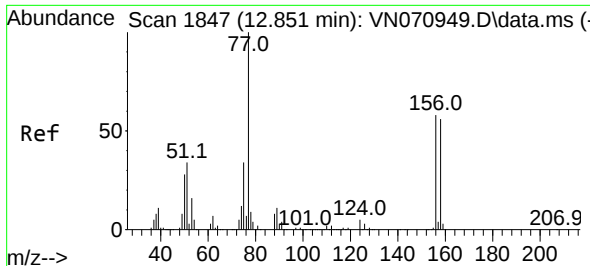


#76
1,2,3-Trichloropropane
Concen: 20.977 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33



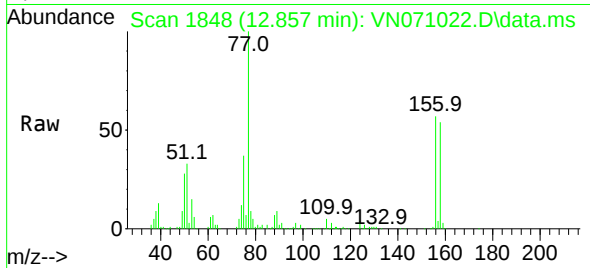
Tgt Ion: 75 Resp: 169205
Ion Ratio Lower Upper
75 100
77 167.0 82.6 247.8





#77
Bromobenzene
Concen: 19.893 ug/l
RT: 12.857 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33

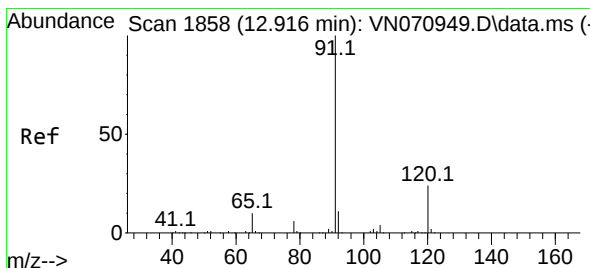
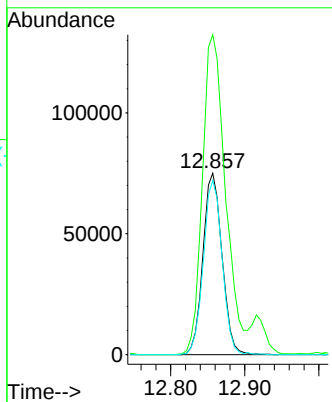
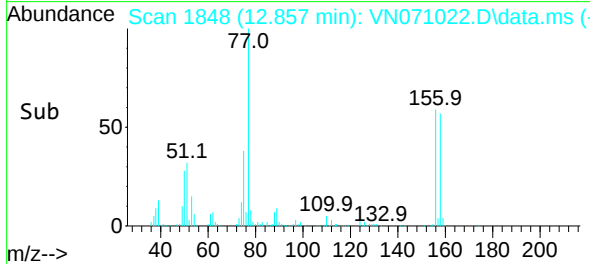
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01



Tgt Ion:156 Resp: 134280
Ion Ratio Lower Upper
156 100
77 210.4 90.6 271.8
158 94.6 48.9 146.7

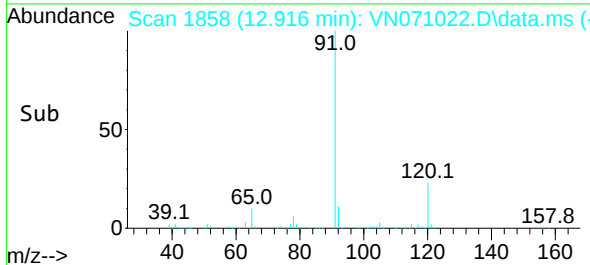
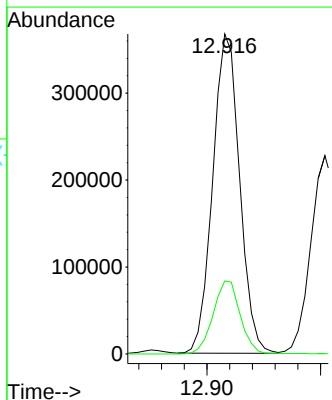
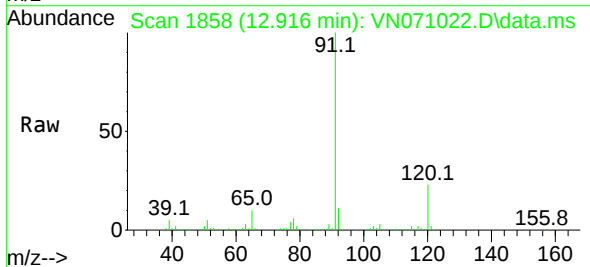
Manual Integrations
APPROVED

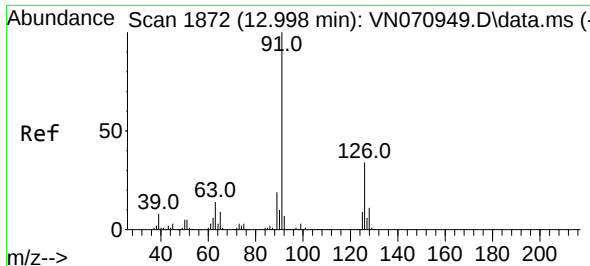
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022



#78
n-propylbenzene
Concen: 19.463 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33

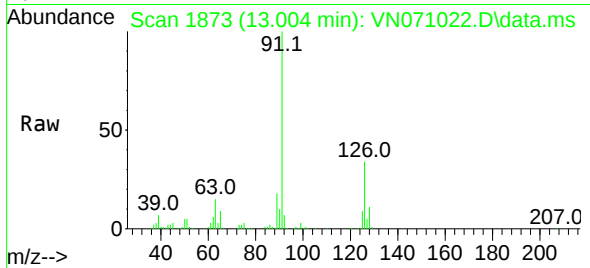
Tgt Ion: 91 Resp: 603007
Ion Ratio Lower Upper
91 100
120 23.1 11.9 35.9





#79
2-Chlorotoluene
Concen: 20.354 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.006 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33

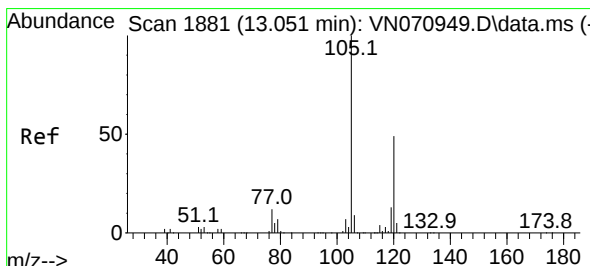
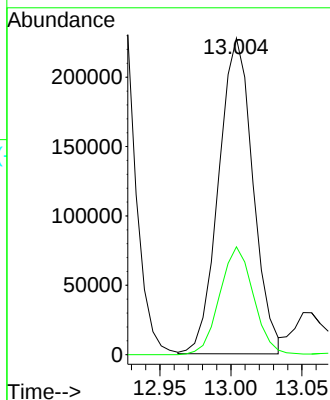
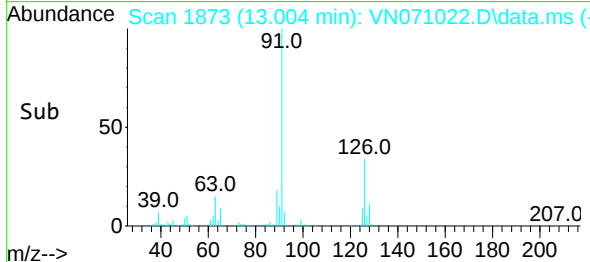
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01



Tgt Ion: 91 Resp: 382954
Ion Ratio Lower Upper
91 100
126 33.6 18.3 54.8

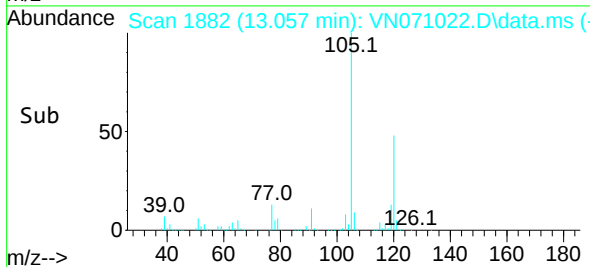
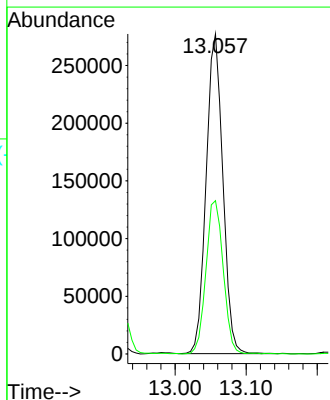
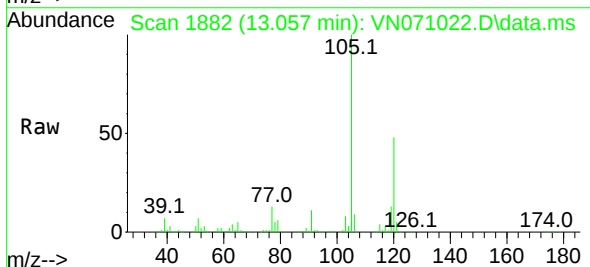
Manual Integrations
APPROVED

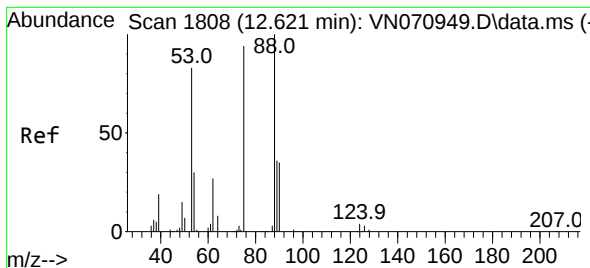
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.231 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33

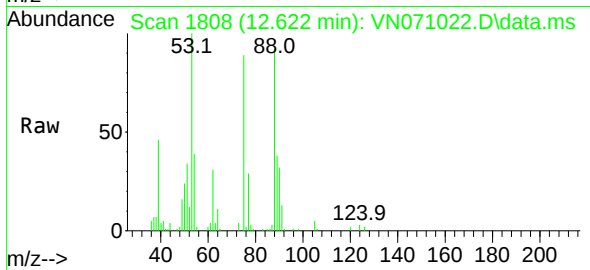
Tgt Ion:105 Resp: 451952
Ion Ratio Lower Upper
105 100
120 49.8 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 19.711 ug/l
RT: 12.622 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33

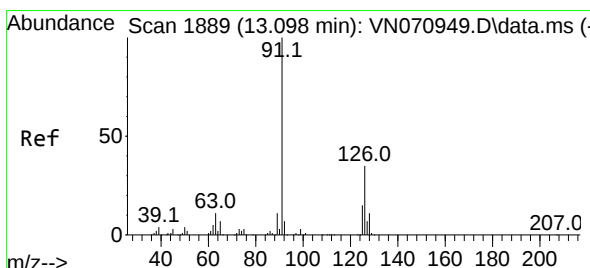
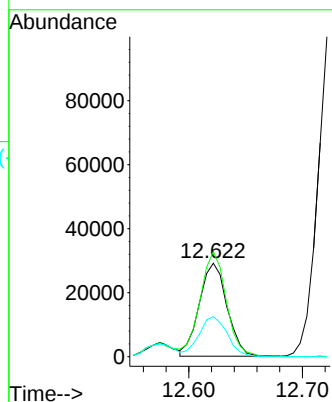
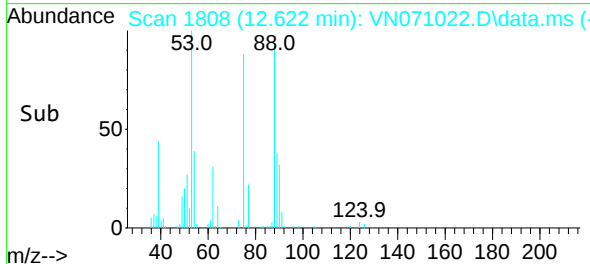
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01



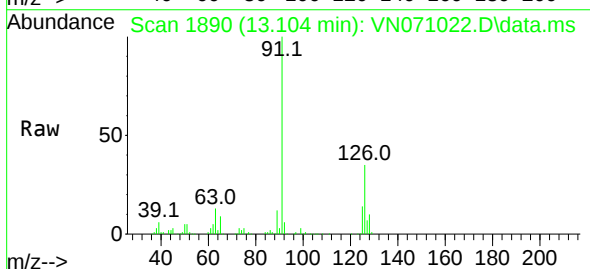
Tgt Ion: 75 Resp: 49064
Ion Ratio Lower Upper
75 100
53 107.2 90.5 135.7
89 44.2 38.2 57.4

Manual Integrations
APPROVED

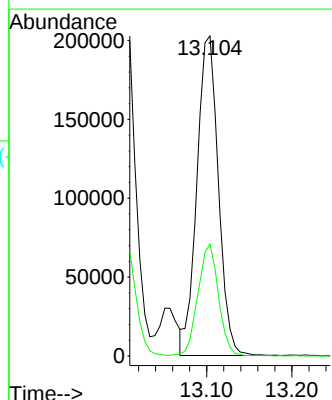
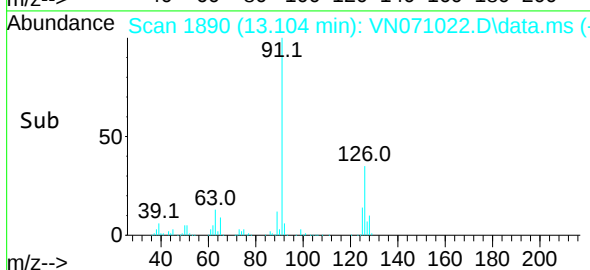
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022

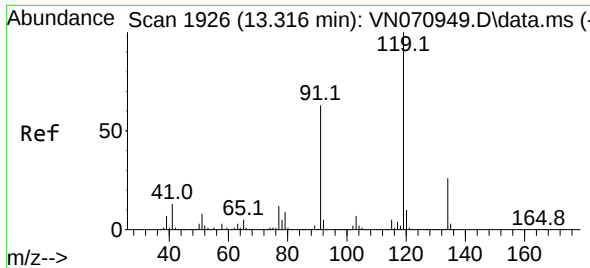


#82
4-Chlorotoluene
Concen: 19.371 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.006 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33



Tgt Ion: 91 Resp: 353786
Ion Ratio Lower Upper
91 100
126 33.7 18.2 54.6





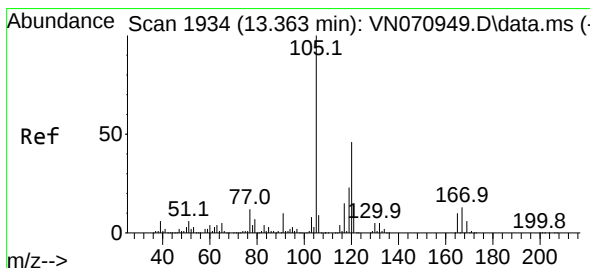
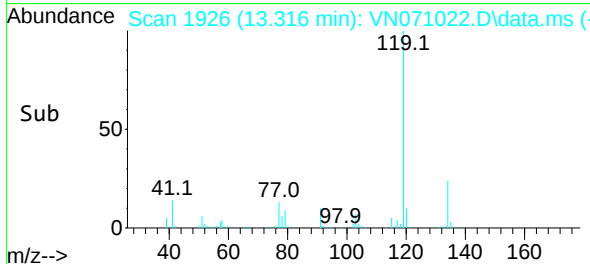
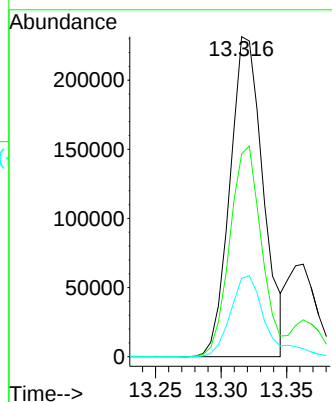
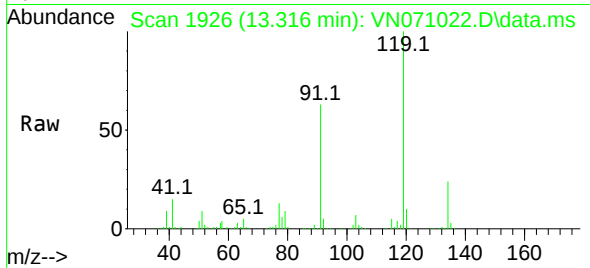
#83
tert-Butylbenzene
Concen: 19.295 ug/l
RT: 13.316 min Scan# 1926
Delta R.T. 0.000 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33

Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01

Tgt Ion:119 Resp: 40878
Ion Ratio Lower Upper
119 100
91 63.8 31.5 94.5
134 26.8 12.4 37.4

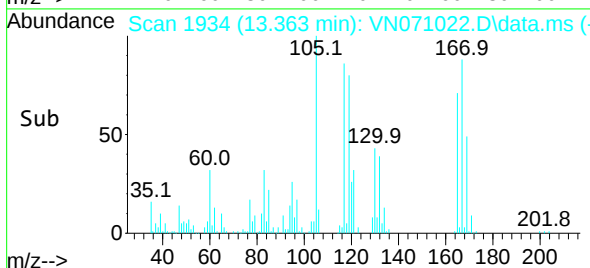
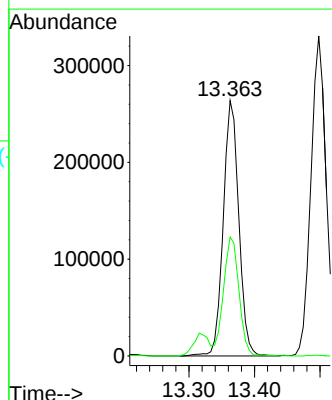
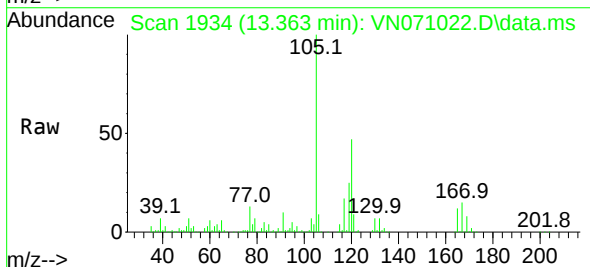
Manual Integrations
APPROVED

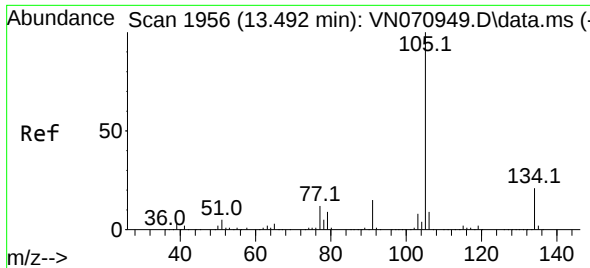
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022



#84
1,2,4-Trimethylbenzene
Concen: 19.694 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33

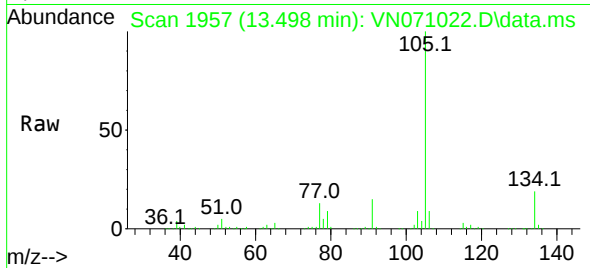
Tgt Ion:105 Resp: 433076
Ion Ratio Lower Upper
105 100
120 46.8 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 19.090 ug/l
 RT: 13.498 min Scan# 1956
 Delta R.T. 0.006 min
 Lab File: VN071022.D
 Acq: 22 Feb 2022 12:33

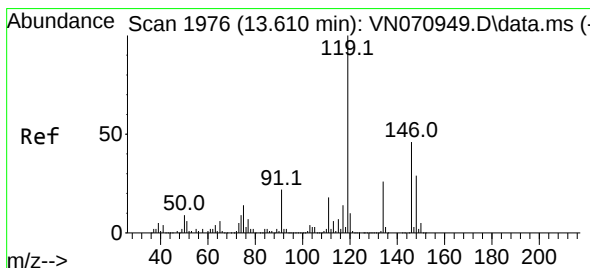
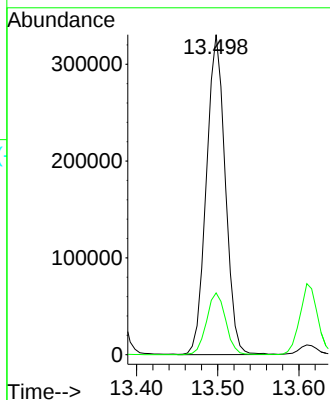
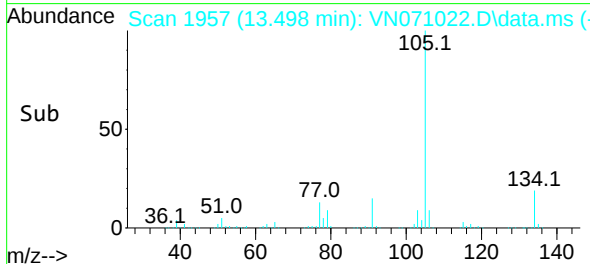
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0222WBS01



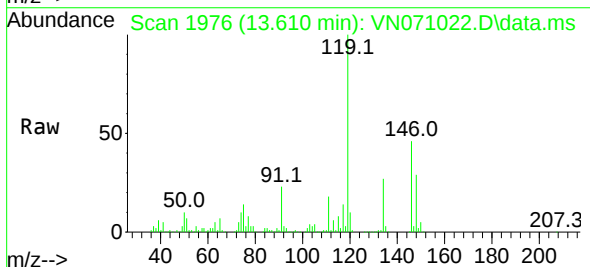
Tgt Ion:105 Resp: 532924
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.4 31.1

Manual Integrations
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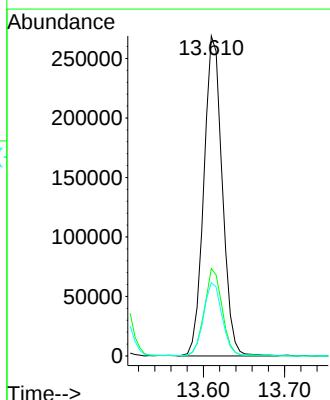
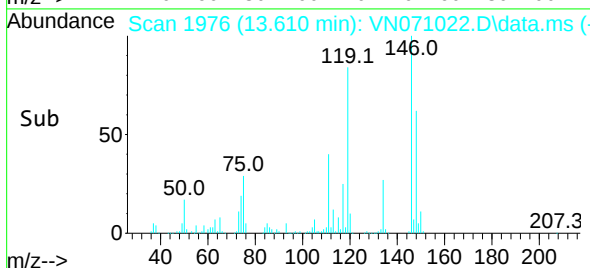
Reviewed By :John Carlone 02/23/2022
 Supervised By :Mahesh Dadoda 02/23/2022

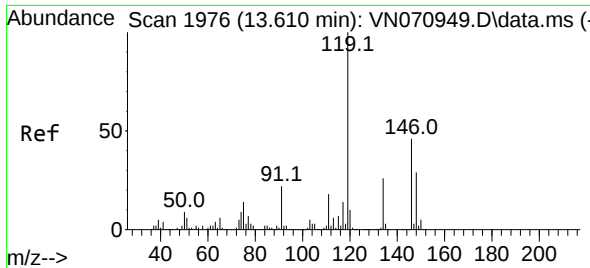


#86
 p-Isopropyltoluene
 Concen: 18.470 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN071022.D
 Acq: 22 Feb 2022 12:33



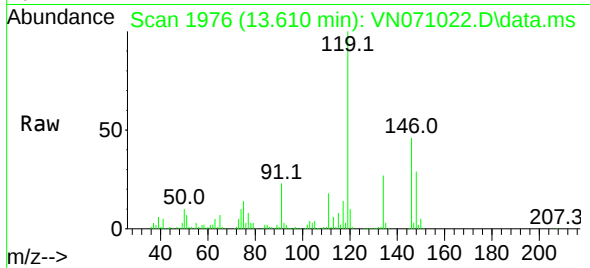
Tgt Ion:119 Resp: 423295
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.6 40.7
 91 22.8 11.4 34.1





#87
 1,3-Dichlorobenzene
 Concen: 17.877 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN071022.D
 Acq: 22 Feb 2022 12:33

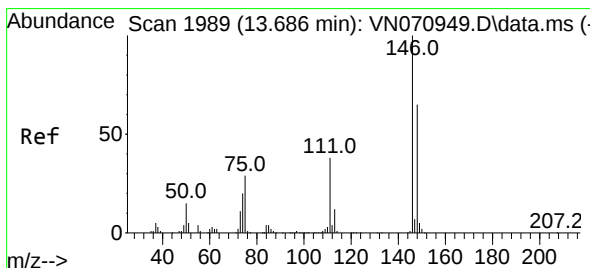
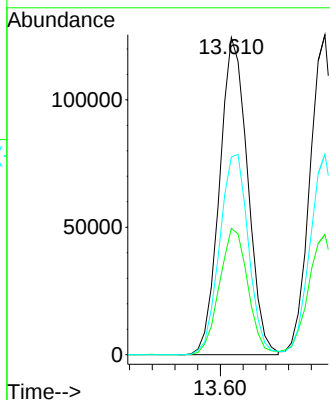
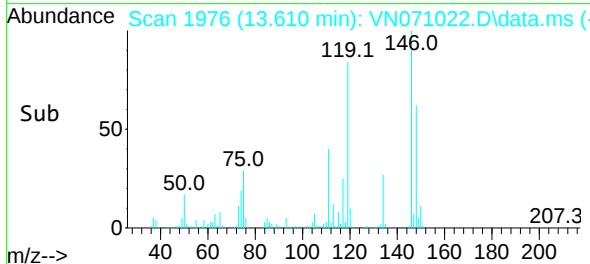
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0222WBS01



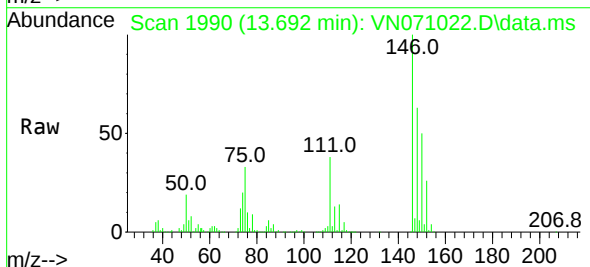
Tgt Ion:146 Resp: 213629
 Ion Ratio Lower Upper
 146 100
 111 40.3 18.6 55.6
 148 65.1 31.6 95.0

Manual Integrations
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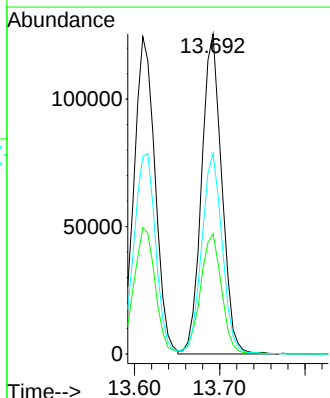
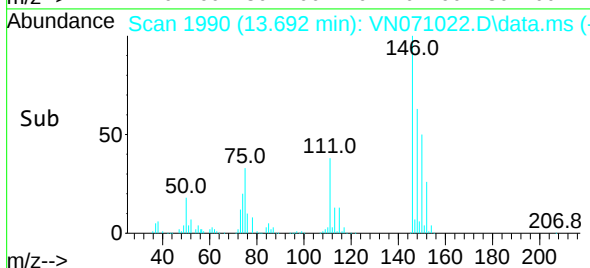
Reviewed By :John Carlone 02/23/2022
 Supervised By :Mahesh Dadoda 02/23/2022

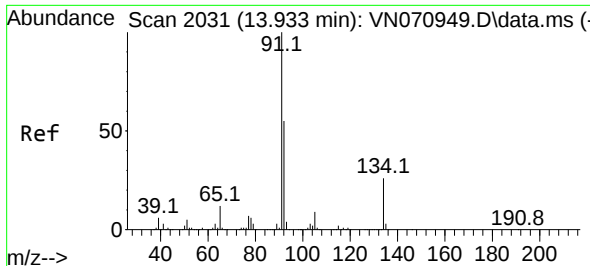


#88
 1,4-Dichlorobenzene
 Concen: 17.672 ug/l
 RT: 13.692 min Scan# 1990
 Delta R.T. 0.006 min
 Lab File: VN071022.D
 Acq: 22 Feb 2022 12:33



Tgt Ion:146 Resp: 206899
 Ion Ratio Lower Upper
 146 100
 111 39.5 18.3 54.8
 148 63.4 31.8 95.4





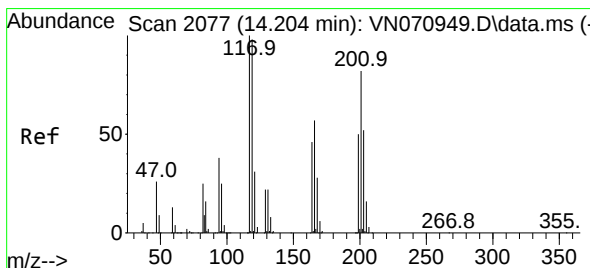
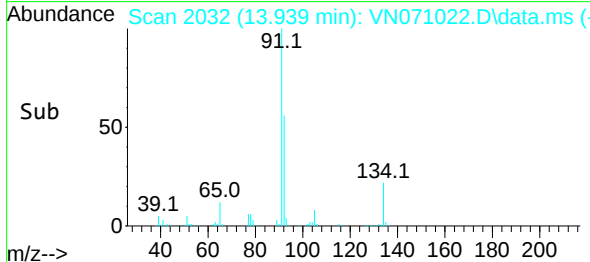
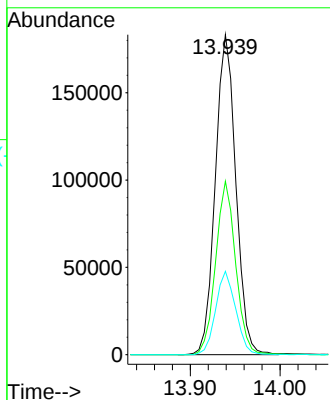
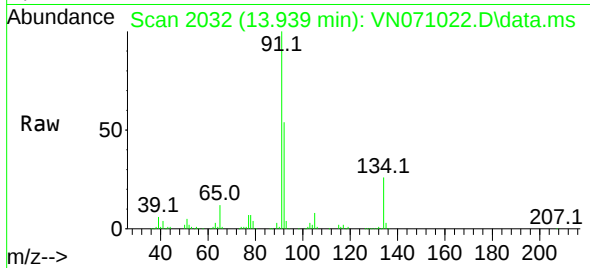
#89
n-Butylbenzene
Concen: 15.563 ug/l
RT: 13.939 min Scan# 2031
Delta R.T. 0.006 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33

Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01

Tgt Ion: 91 Resp: 29098
Ion Ratio Lower Upper
91 100
92 52.9 25.4 76.0
134 25.4 13.6 40.8

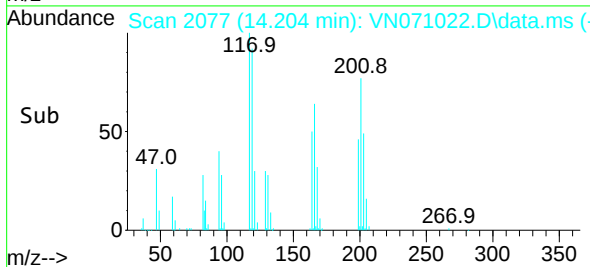
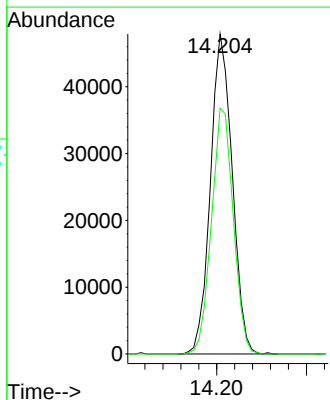
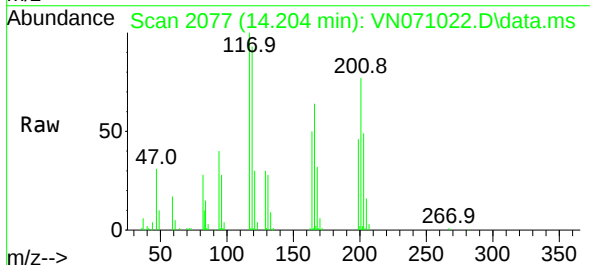
Manual Integrations
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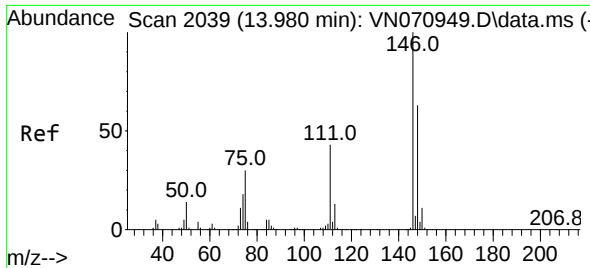
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022



#90
Hexachloroethane
Concen: 19.726 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. 0.000 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33

Tgt Ion:117 Resp: 80732
Ion Ratio Lower Upper
117 100
201 76.9 43.9 131.6





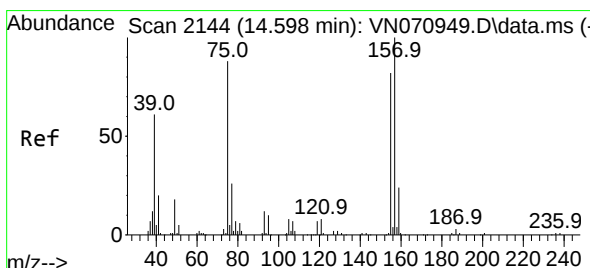
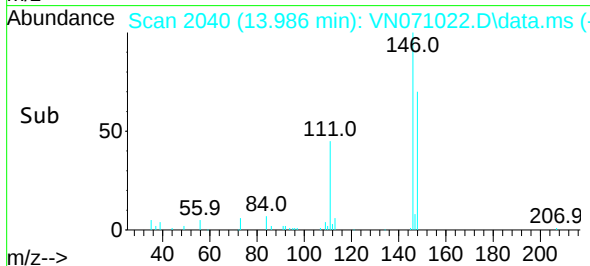
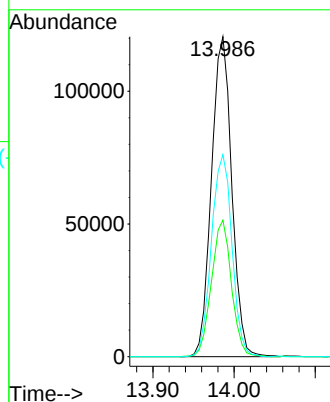
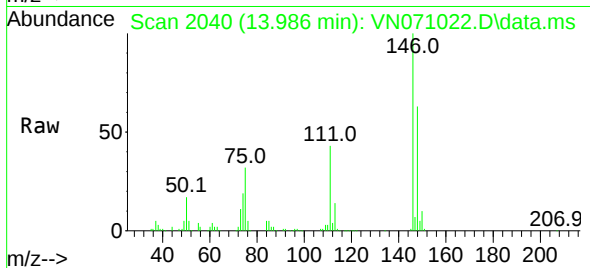
#91
1,2-Dichlorobenzene
Concen: 18.689 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33

Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01

Tgt Ion:146 Resp: 209710
Ion Ratio Lower Upper
146 100
111 41.9 19.1 57.3
148 63.8 32.1 96.3

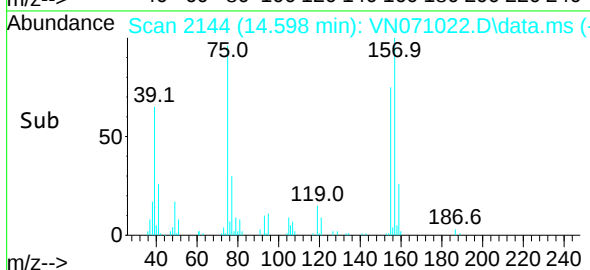
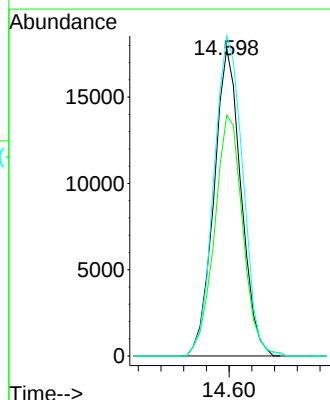
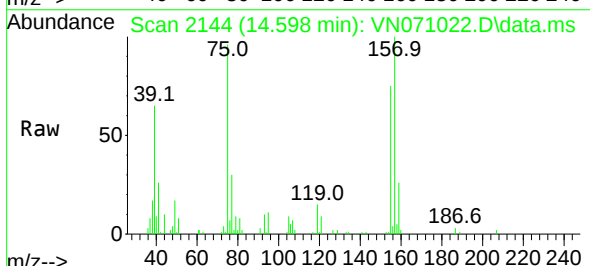
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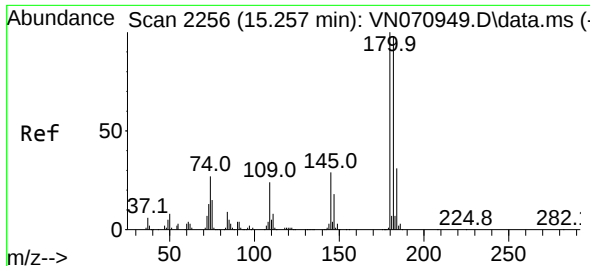
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.785 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33

Tgt Ion: 75 Resp: 29508
Ion Ratio Lower Upper
75 100
155 81.7 46.9 140.7
157 110.9 60.6 181.7





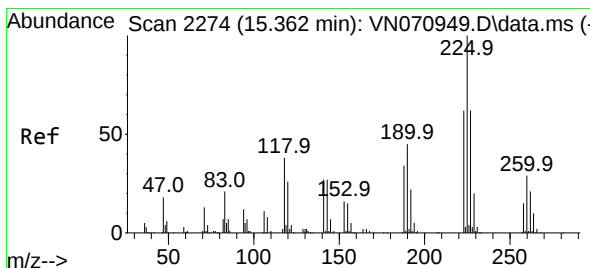
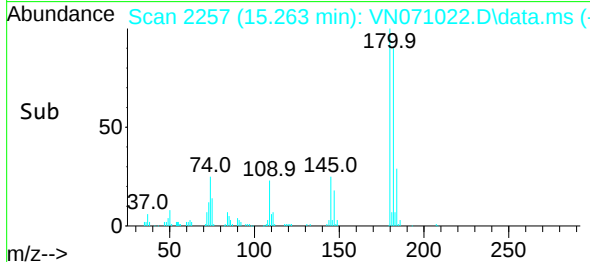
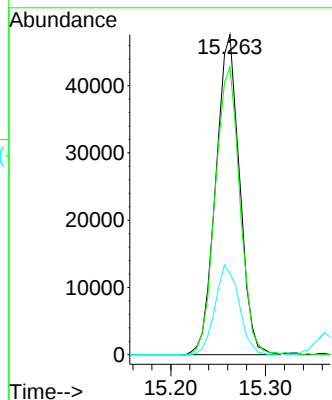
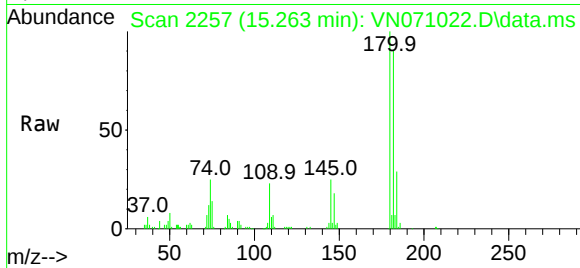
#93
1,2,4-Trichlorobenzene
Concen: 14.659 ug/l
RT: 15.263 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33

Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01

Tgt Ion:180 Resp: 8317
Ion Ratio Lower Upper
180 100
182 93.3 48.3 144.9
145 28.3 14.5 43.5

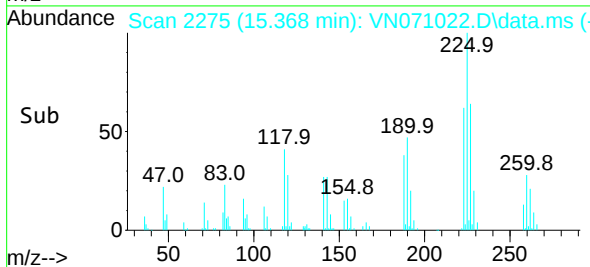
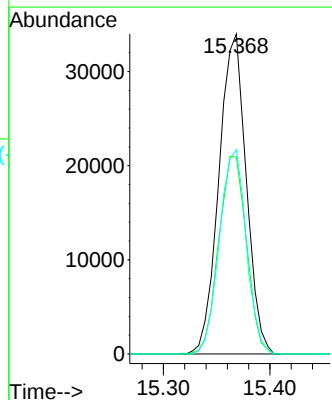
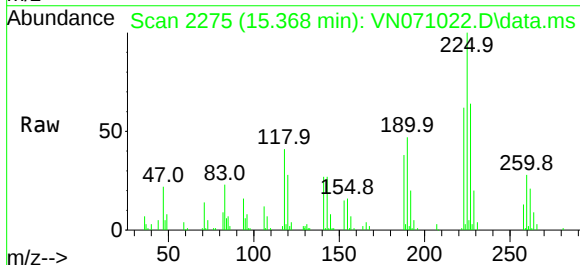
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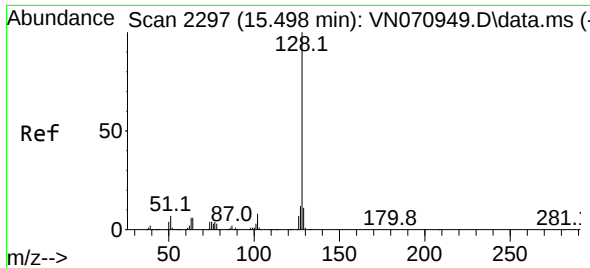
Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022



#94
Hexachlorobutadiene
Concen: 14.799 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.006 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33

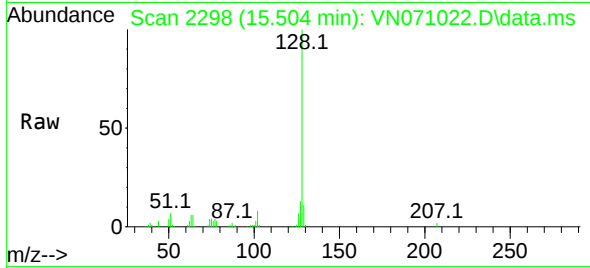
Tgt Ion:225 Resp: 60555
Ion Ratio Lower Upper
225 100
223 62.6 31.9 95.7
227 62.6 32.1 96.3





#95
Naphthalene
Concen: 14.649 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33

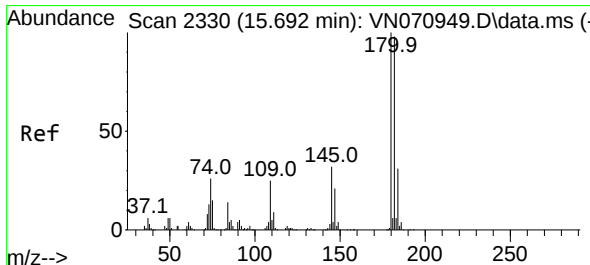
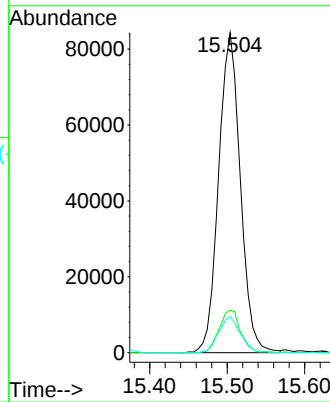
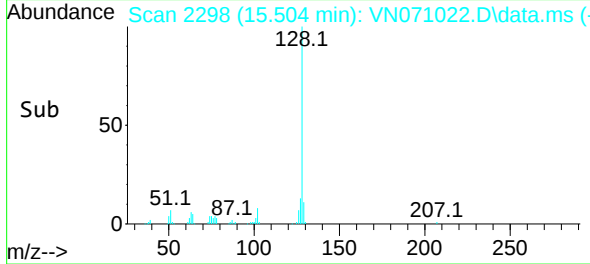
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBS01



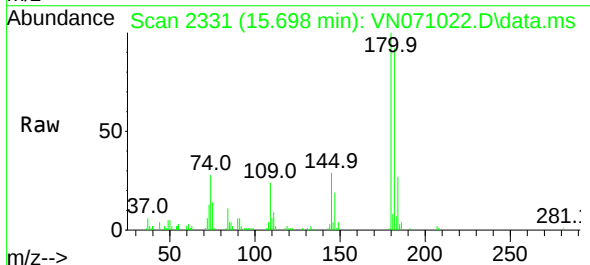
Tgt Ion:128 Resp: 16434
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/23/2022
Supervised By :Mahesh Dadoda 02/23/2022



#96
1,2,3-Trichlorobenzene
Concen: 15.067 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN071022.D
Acq: 22 Feb 2022 12:33



Tgt Ion:180 Resp: 76844
Ion Ratio Lower Upper
180 100
182 93.6 47.4 142.2
145 30.6 15.0 45.1

