

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040822\
 Data File : VN071912.D
 Acq On : 08 Apr 2022 14:07
 Operator : JC\MD
 Sample : VN0408WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0408WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/11/2022
 Supervised By : Mahesh Dadoda 04/11/2022

Quant Time: Apr 09 05:20:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032422W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 24 12:03:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.657	128	81577	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	444721	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	413101	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	165459	28.788	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	95.967%		
60) 4-Bromofluorobenzene	12.727	95	177077	28.909	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	96.367%		
63) Toluene-d8	10.439	98	553590	29.521	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	98.400%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	123329	24.289	ug/l	97
3) Chloromethane	2.298	50	137991	23.058	ug/l	96
4) Vinyl Chloride	2.446	62	140514	20.474	ug/l	99
5) Bromomethane	2.851	94	94011	23.246	ug/l	99
6) Chloroethane	3.022	64	85952	19.557	ug/l	99
7) Trichlorofluoromethane	3.375	101	173612	21.697	ug/l	96
8) Diethyl Ether	3.828	74	74697	22.217	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.216	101	105494	22.014	ug/l #	62
10) 1,1-Dichloroethene	4.187	96	101228	21.419	ug/l	99
11) Methyl Iodide	4.422	142	151552	21.883	ug/l	89
12) Methyl Acetate	4.851	43	142440	21.386	ug/l	98
13) Acrolein	4.045	56	75496	106.543	ug/l	97
14) Acrylonitrile	5.551	53	318850	105.698	ug/l	97
15) Acetone	4.287	58	88458	101.896	ug/l	79
16) Carbon Disulfide	4.528	76	268755	21.841	ug/l	96
17) Allyl chloride	4.845	41	156189	20.375	ug/l	83
18) Methylene Chloride	5.098	84	123881	21.850	ug/l	96
19) trans-1,2-Dichloroethene	5.598	96	106551	21.078	ug/l	97
20) Diisopropyl ether	6.492	45	345527	21.543	ug/l	95
21) 1,1-Dichloroethane	6.381	63	202948	20.958	ug/l	97
22) cis-1,2-Dichloroethene	7.322	96	131470	21.407	ug/l	95
23) tert-Butyl Alcohol	5.363	59	96261	89.428	ug/l #	100
24) Methyl tert-Butyl Ether	5.610	73	366727m	21.500	ug/l	
25) Chloroform	7.816	83	207885	21.345	ug/l	100
26) Cyclohexane	8.092	56	183040	21.868	ug/l #	98
29) 1,1-Dichloropropene	8.222	75	155614	21.618	ug/l	100
30) 2-Butanone	7.333	43	397478	99.200	ug/l	95
31) 2,2-Dichloropropane	7.322	77	161653	19.714	ug/l #	85
32) 1,1,1-Trichloroethane	8.010	97	176146	21.010	ug/l	99
33) Carbon Tetrachloride	8.204	117	152513	21.491	ug/l	98
34) Benzene	8.457	78	495681	22.164	ug/l	97
35) Methacrylonitrile	7.633	41	81004	21.071	ug/l	94
36) 1,2-Dichloroethane	8.527	62	162315	20.804	ug/l #	94
37) Trichloroethene	9.216	130	125387	21.728	ug/l	97
38) Methylcyclohexane	9.457	83	201660	22.226	ug/l	99
39) 1,2-Dichloropropane	9.486	63	123148	22.009	ug/l	98
40) Dibromomethane	9.574	93	82600	21.810	ug/l	85
41) Bromodichloromethane	9.757	83	163883	21.624	ug/l	97
42) Vinyl Acetate	6.428	43	1434212	104.465	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.410	43	166249	21.397	ug/l	96
44) Isopropyl Acetate	8.557	43	249222	19.999	ug/l	92
45) 1,4-Dioxane	9.563	88	49331	392.362	ug/l	92
46) Methyl methacrylate	9.557	41	106668	19.519	ug/l	80
47) n-amyl Acetate	12.386	43	152228m	18.306	ug/l	
48) t-1,3-Dichloropropene	10.716	75	171049	20.765	ug/l	99
49) cis-1,3-Dichloropropene	10.186	75	193175	21.444	ug/l #	83
50) 1,1,2-Trichloroethane	10.898	97	127832	22.578	ug/l	97
51) Ethyl methacrylate	10.757	69	188130	21.521	ug/l	82
52) 1,3-Dichloropropane	11.039	76	217059	22.449	ug/l	99
53) Dibromochloromethane	11.233	129	128942	22.000	ug/l	100
54) 1,2-Dibromoethane	11.339	107	130036	22.327	ug/l	97
55) 2-Chloroethyl vinyl ether	10.039	63	194422	82.544	ug/l	99
56) Bromoform	12.451	173	98646	21.829	ug/l #	100
58) 4-Methyl-2-Pentanone	10.327	43	802403	102.323	ug/l	91
59) 2-Hexanone	11.080	43	566819	99.000	ug/l	89
61) Tetrachloroethene	10.974	164	115509	22.975	ug/l	88
62) Toluene	10.498	91	556348	22.210	ug/l	97
64) Chlorobenzene	11.768	112	334132	21.626	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.839	131	123068	21.712	ug/l	98
66) Ethyl Benzene	11.839	91	580125	21.312	ug/l	95
67) m/p-Xylenes	11.951	106	451672	42.652	ug/l	95
68) o-Xylene	12.274	106	224678	21.346	ug/l	95
69) Styrene	12.292	104	346770	20.934	ug/l	96
70) Isopropylbenzene	12.574	105	558421	21.138	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.821	83	182775	21.258	ug/l	99
72) 1,2,3-Trichloropropane	12.874	75	162226m	21.962	ug/l	
73) Bromobenzene	12.857	156	133528	20.719	ug/l	96
74) n-propylbenzene	12.915	91	589781	20.455	ug/l	98
75) 2-Chlorotoluene	13.004	91	374454	20.782	ug/l	100
76) 1,3,5-Trimethylbenzene	13.057	105	459660	21.688	ug/l	95
77) t-1,4-Dichloro-2-butene	12.621	75	48713	18.782	ug/l	87
78) 4-Chlorotoluene	13.104	91	333803	19.837	ug/l	100
79) tert-butylbenzene	13.321	119	401710	21.004	ug/l	92
80) 1,2,4-Trimethylbenzene	13.362	105	432524	21.033	ug/l #	80
81) sec-Butylbenzene	13.498	105	526489	20.488	ug/l	97
82) p-Isopropyltoluene	13.610	119	423675	20.292	ug/l	96
83) 1,3-Dichlorobenzene	13.610	146	213672	20.262	ug/l	99
84) 1,4-Dichlorobenzene	13.692	146	203184	20.187	ug/l	97
85) n-Butylbenzene	13.939	91	285838	18.431	ug/l	95
86) Hexachloroethane	14.204	117	77028	19.756	ug/l	79
87) 1,2-Dichlorobenzene	13.986	146	214246	21.015	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.598	75	30028	19.629	ug/l	89
89) 1,2,4-Trichlorobenzene	15.256	180	95887	20.347	ug/l	96
90) Hexachlorobutadiene	15.368	225	60703	21.737	ug/l	98
91) Naphthalene	15.504	128	246041	20.434	ug/l	99
92) 1,2,3-Trichlorobenzene	15.698	180	96892	20.963	ug/l	97

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

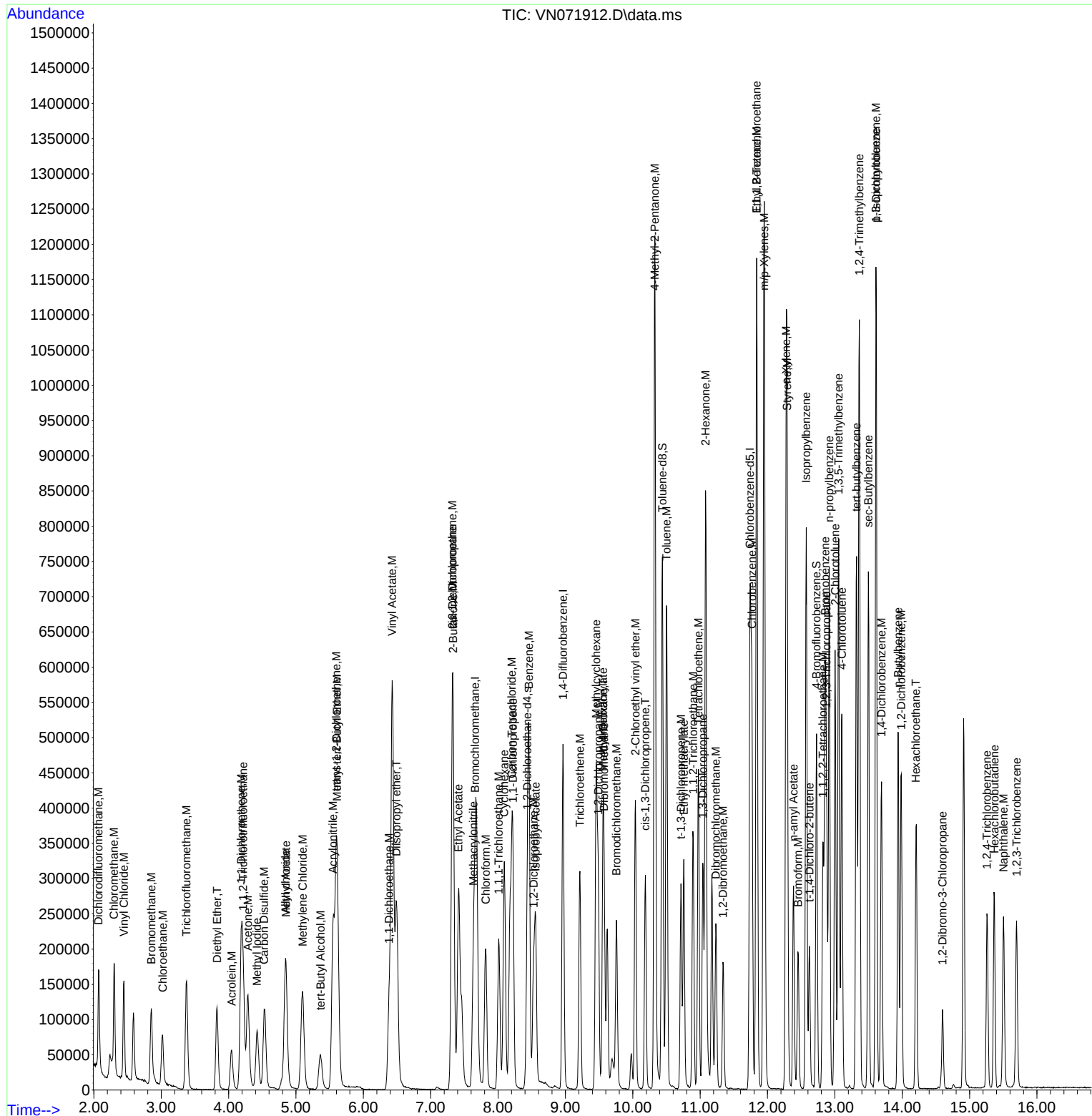
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 Data File : VN071912.D
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 ALS Vial : 7 Sample Multiplier: 1

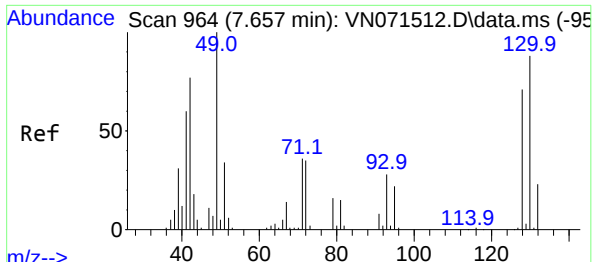
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0408WBSD01

Manual Integrations APPROVED

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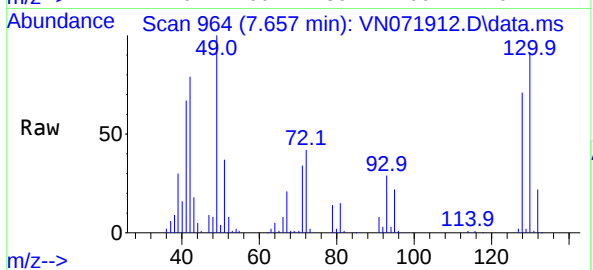
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 90
Delta R.T. -0.000 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07

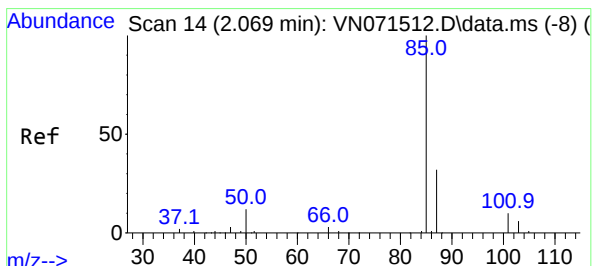
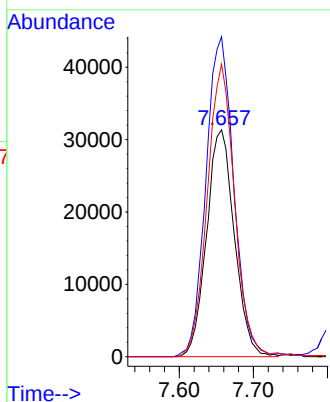
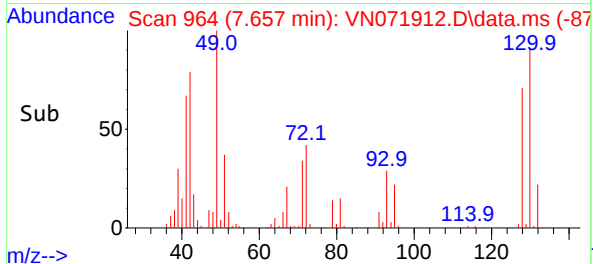
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBSD01



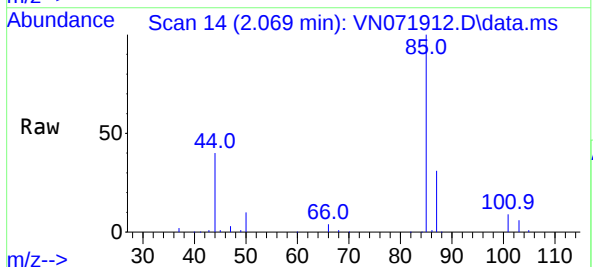
Tgt Ion:128 Resp: 8157
Ion Ratio Lower Upper
128 100
49 141.6 0.0 392.3
130 126.3 0.0 320.2

Manual Integrations
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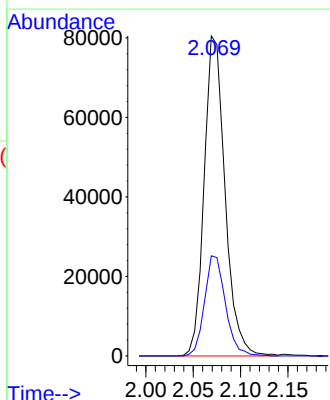
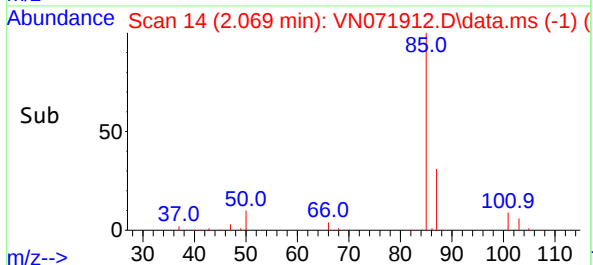
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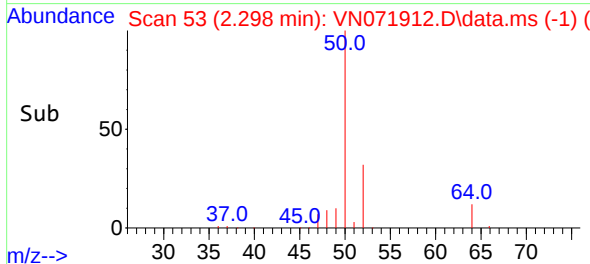
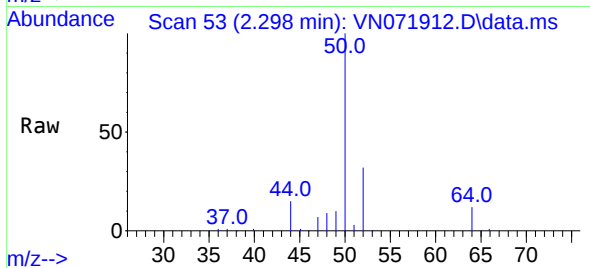
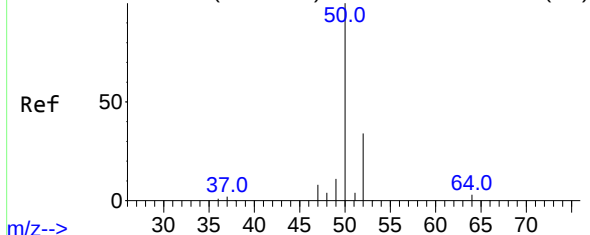
#2
Dichlorodifluoromethane
Concen: 24.289 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07



Tgt Ion: 85 Resp: 123329
Ion Ratio Lower Upper
85 100
87 31.3 16.6 49.7



Abundance Scan 53 (2.299 min): VN071512.D\data.ms (-48)



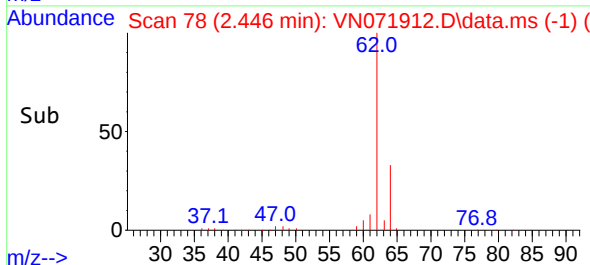
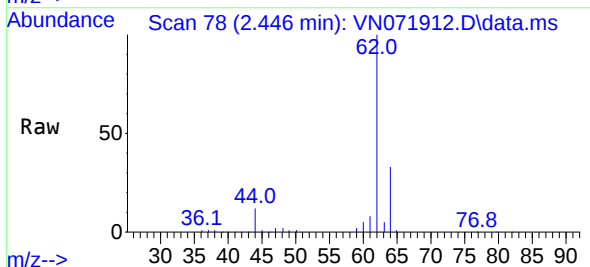
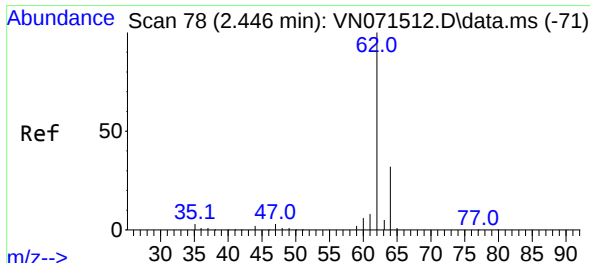
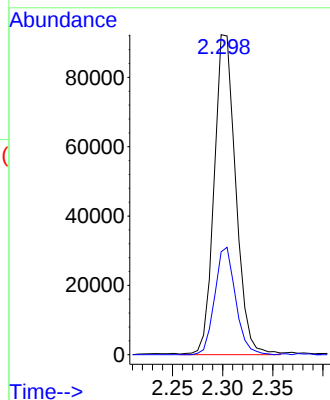
#3
Chloromethane
Concen: 23.058 ug/l
RT: 2.298 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07

Instrument :
MSVOA_N
ClientSampleId :
VN0408WBSD01

Tgt Ion: 50 Resp: 13799
Ion Ratio Lower Upper
50 100
52 32.2 27.8 41.6

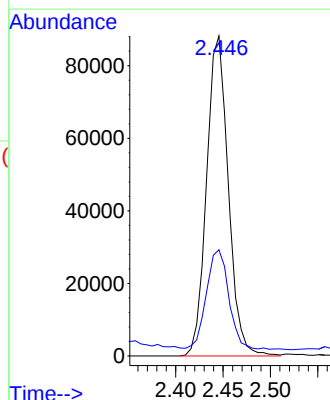
Manual Integrations
APPROVED

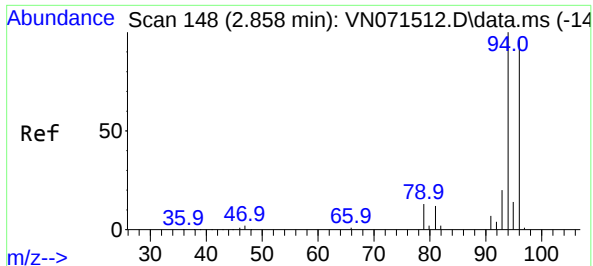
Reviewed By :John Carlone 04/11/2022
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#4
Vinyl Chloride
Concen: 20.474 ug/l
RT: 2.446 min Scan# 78
Delta R.T. -0.000 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07

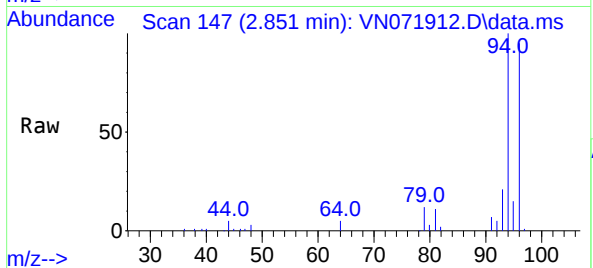
Tgt Ion: 62 Resp: 140514
Ion Ratio Lower Upper
62 100
64 31.0 25.1 37.7





#5
Bromomethane
Concen: 23.246 ug/l
RT: 2.851 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07

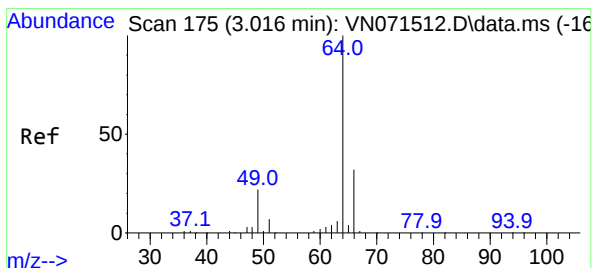
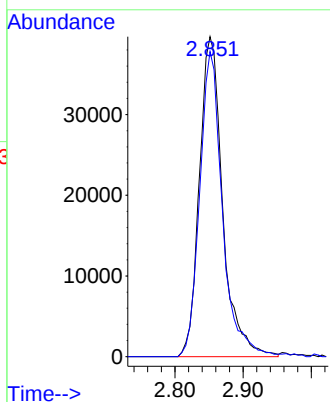
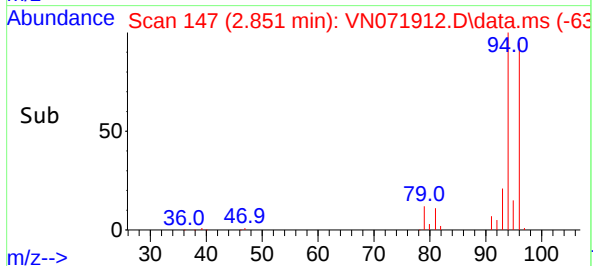
Instrument :
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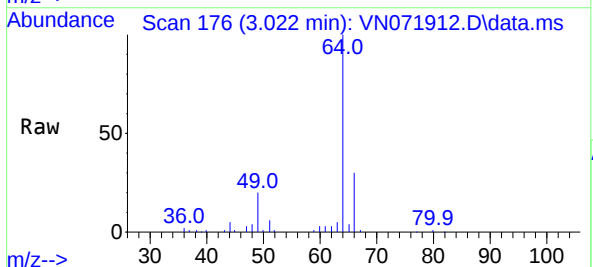
Tgt Ion: 94 Resp: 9401
Ion Ratio Lower Upper
94 100
96 95.3 75.2 112.8

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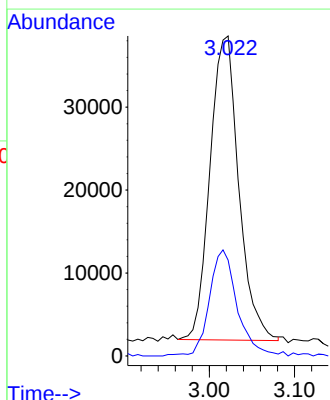
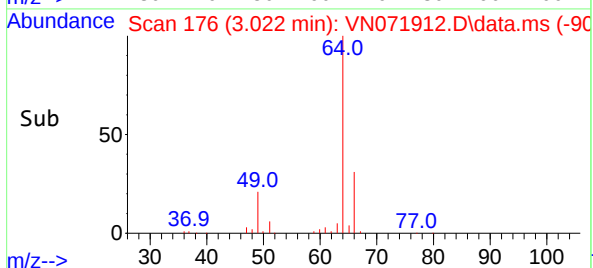
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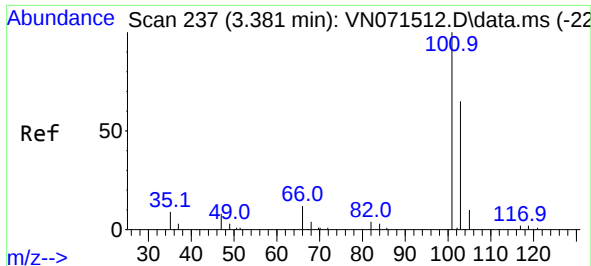


#6
Chloroethane
Concen: 19.557 ug/l
RT: 3.022 min Scan# 176
Delta R.T. 0.006 min
Lab File: VN071912.D
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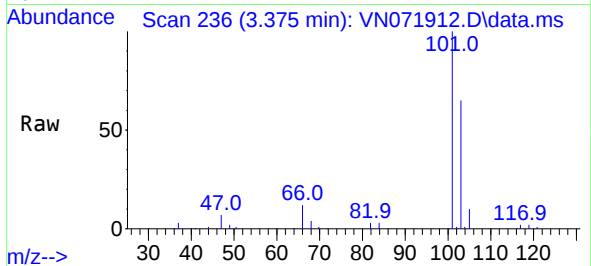
Tgt Ion: 64 Resp: 85952
Ion Ratio Lower Upper
64 100
66 31.0 24.6 36.8





#7
Trichlorofluoromethane
Concen: 21.697 ug/l
RT: 3.375 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN071912.D
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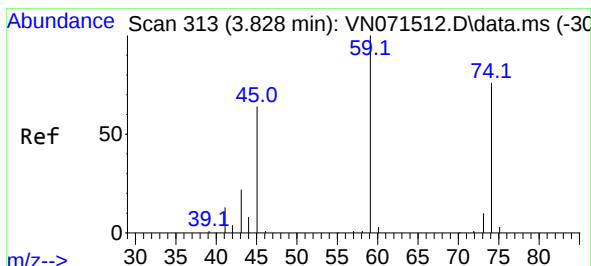
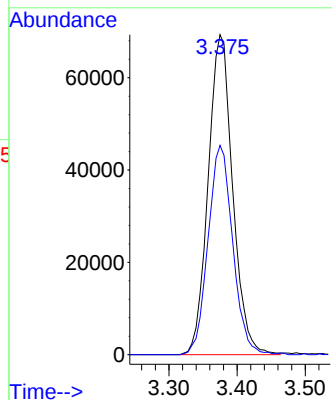
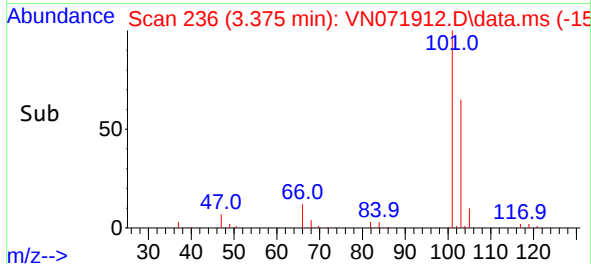
Instrument :
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VN0408WBSD01



Tgt Ion:101 Resp: 17361
Ion Ratio Lower Upper
101 100
103 65.4 50.1 75.1

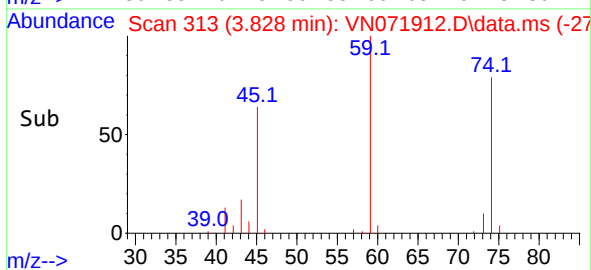
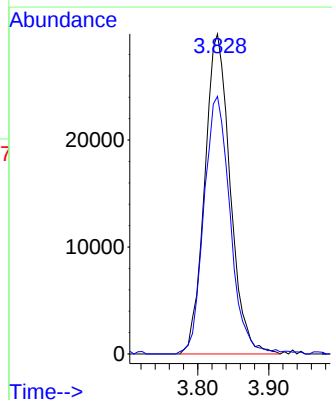
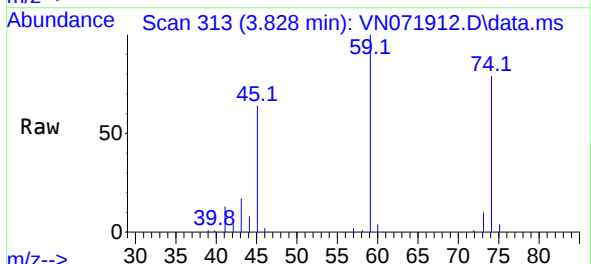
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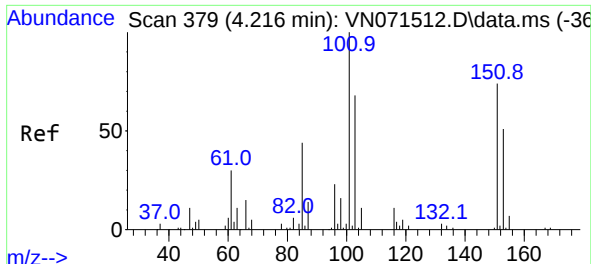
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#8
Diethyl Ether
Concen: 22.217 ug/l
RT: 3.828 min Scan# 313
Delta R.T. -0.000 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07

Tgt Ion: 74 Resp: 74697
Ion Ratio Lower Upper
74 100
45 82.5 17.6 158.8





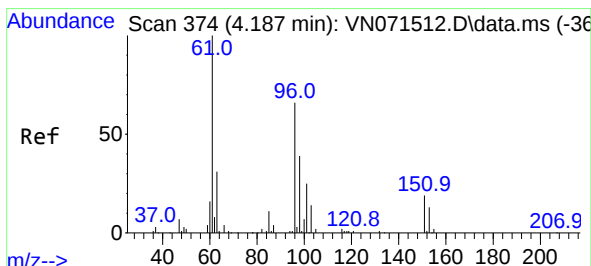
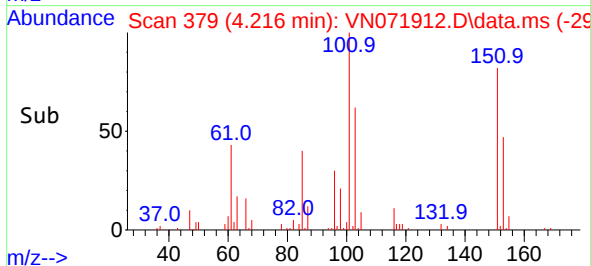
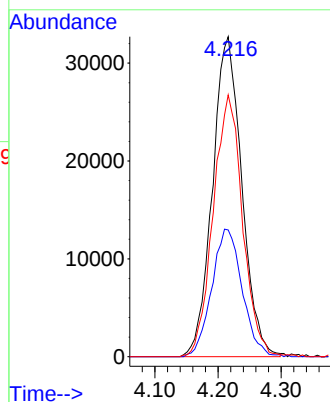
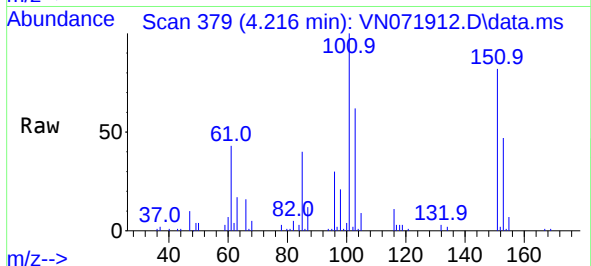
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.014 ug/l
RT: 4.216 min Scan# 379
Delta R.T. -0.000 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07

Instrument :
MSVOA_N
ClientSampleId :
VN0408WBSD01

Tgt Ion:101 Resp: 105494
Ion Ratio Lower Upper
101 100
85 41.3 0.0 94.0
151 81.8 0.0 74.6

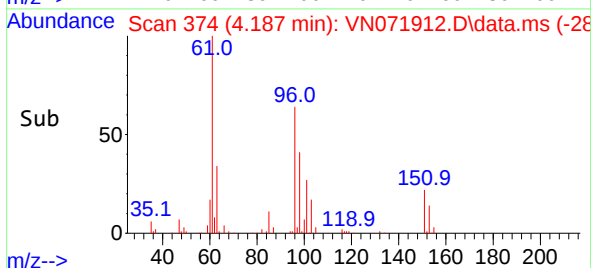
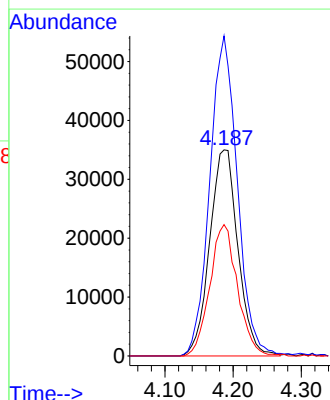
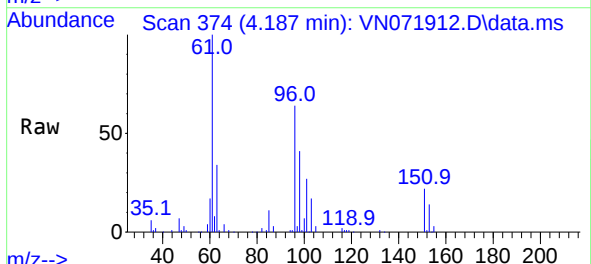
Manual Integrations
APPROVED

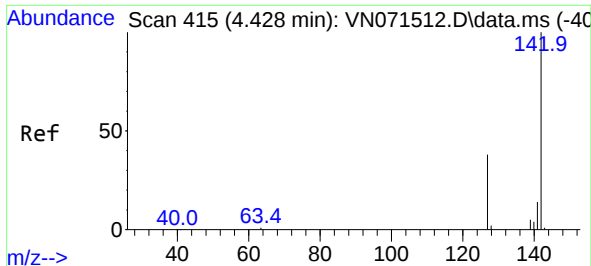
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#10
1,1-Dichloroethene
Concen: 21.419 ug/l
RT: 4.187 min Scan# 374
Delta R.T. -0.000 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07

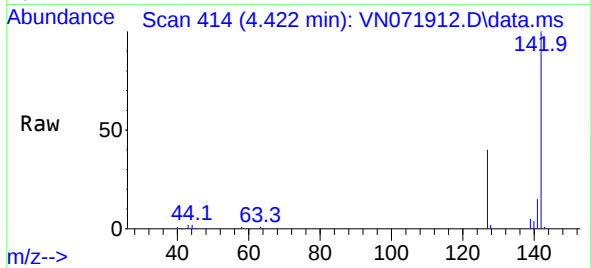
Tgt Ion: 96 Resp: 101228
Ion Ratio Lower Upper
96 100
61 155.3 126.2 189.4
98 63.8 50.9 76.3





#11
Methyl Iodide
Concen: 21.883 ug/l
RT: 4.422 min Scan# 415
Delta R.T. -0.006 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07

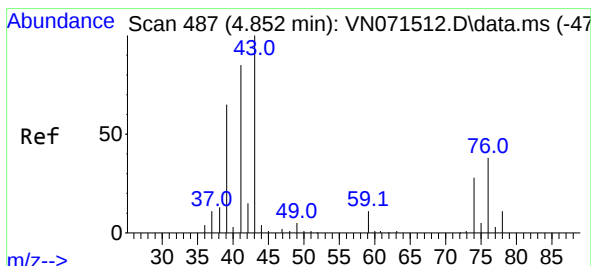
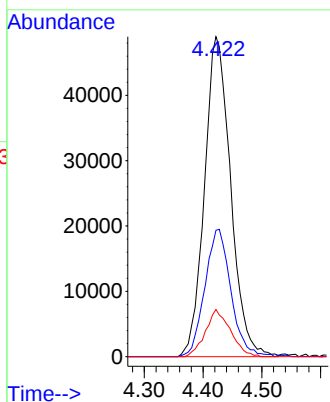
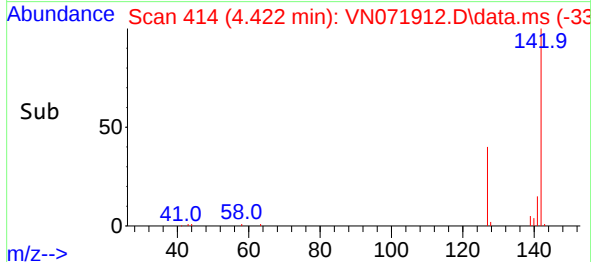
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBSD01



Tgt Ion:142 Resp: 151552
Ion Ratio Lower Upper
142 100
127 39.4 24.0 72.0
141 14.8 8.4 25.2

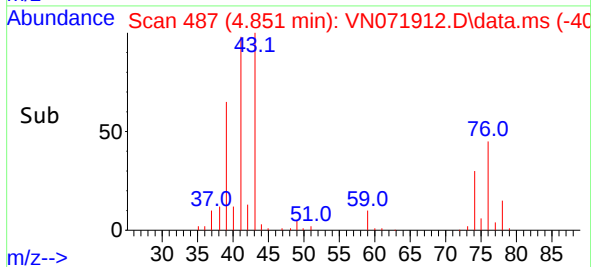
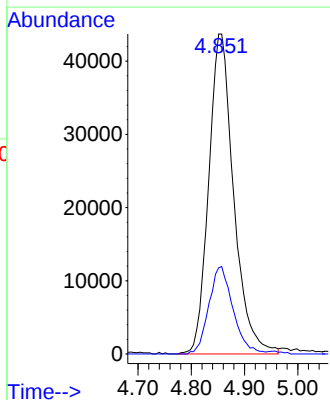
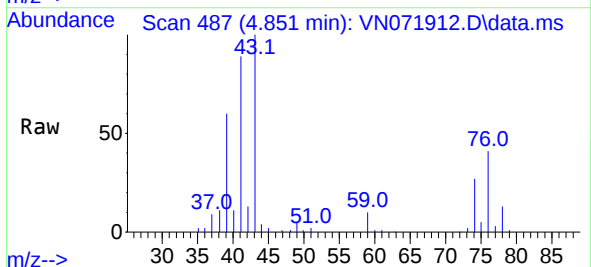
Manual Integrations
APPROVED

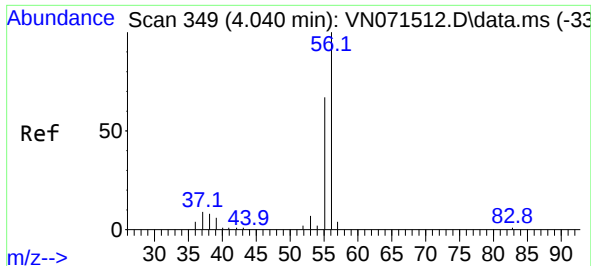
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#12
Methyl Acetate
Concen: 21.386 ug/l
RT: 4.851 min Scan# 487
Delta R.T. -0.000 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07

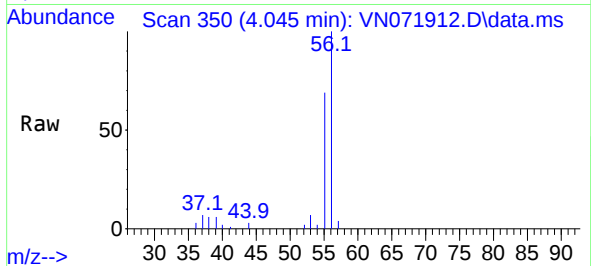
Tgt Ion: 43 Resp: 142440
Ion Ratio Lower Upper
43 100
74 26.9 20.8 31.2





#13
Acrolein
Concen: 106.543 ug/l
RT: 4.045 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07

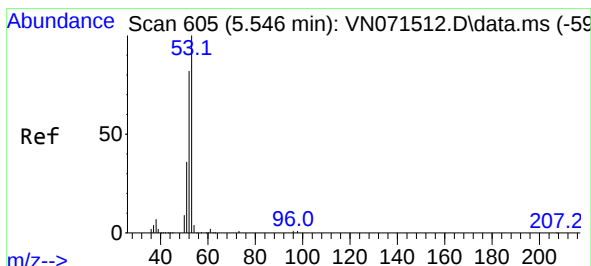
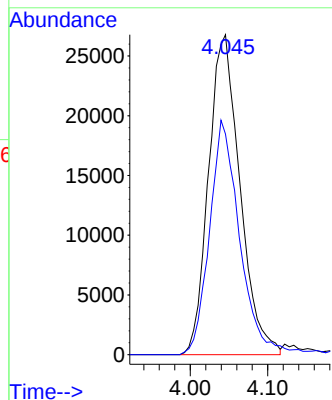
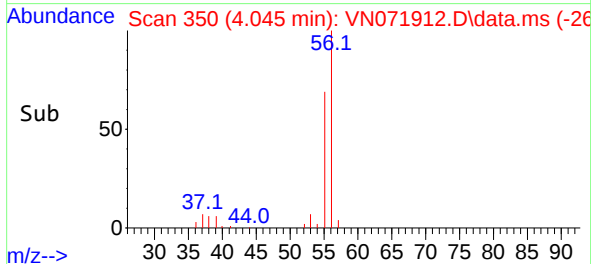
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBSD01



Tgt Ion: 56 Resp: 75490
Ion Ratio Lower Upper
56 100
55 69.7 57.6 86.4

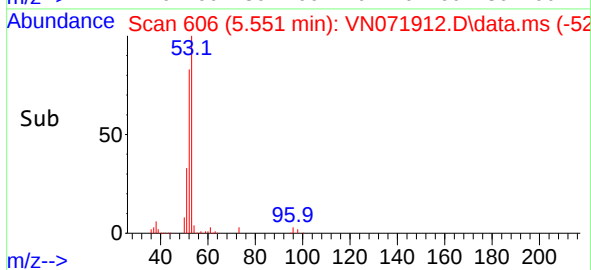
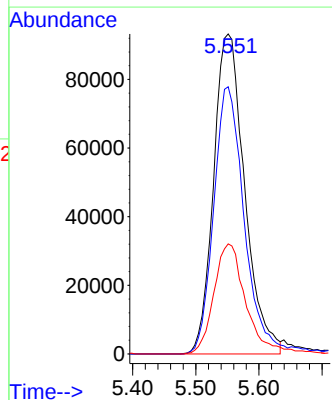
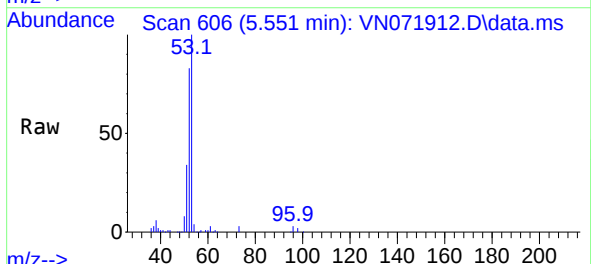
Manual Integrations
APPROVED

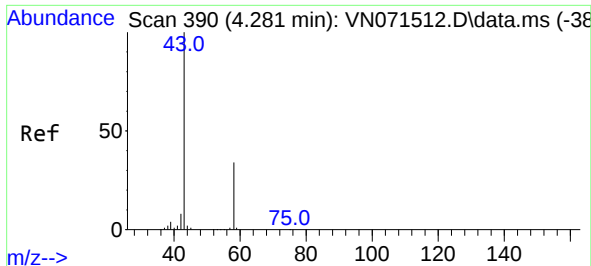
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#14
Acrylonitrile
Concen: 105.698 ug/l
RT: 5.551 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07

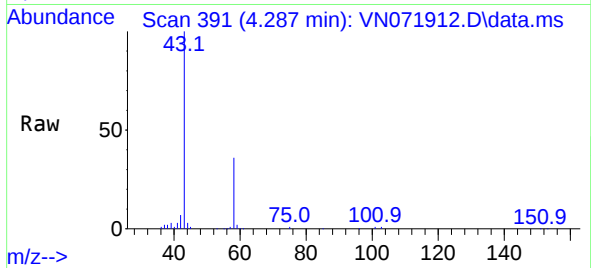
Tgt Ion: 53 Resp: 318850
Ion Ratio Lower Upper
53 100
52 81.6 41.8 125.4
51 34.9 19.0 57.0





#15
Acetone
Concen: 101.896 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07

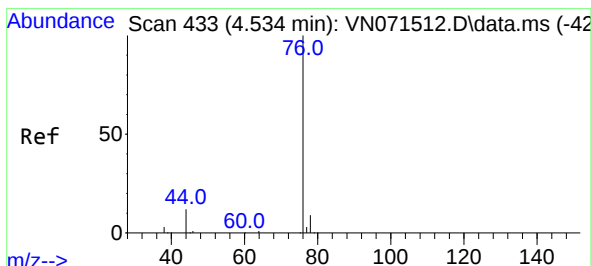
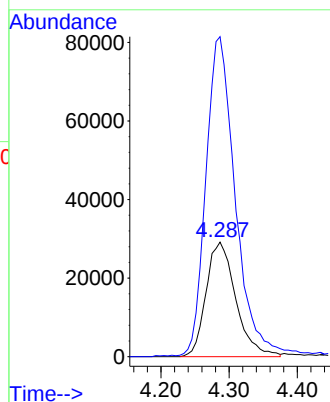
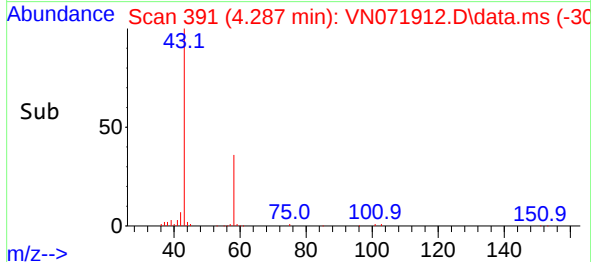
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBSD01



Tgt Ion: 58 Resp: 88458
Ion Ratio Lower Upper
58 100
43 278.1 256.6 384.8

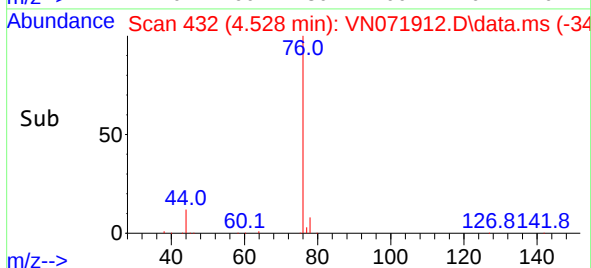
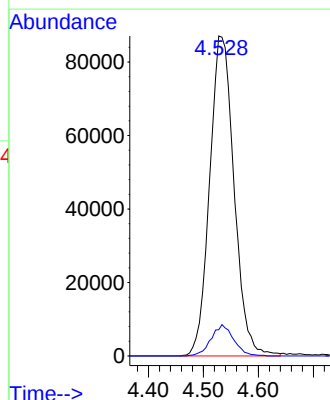
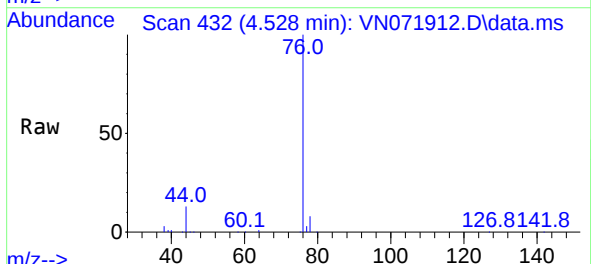
Manual Integrations
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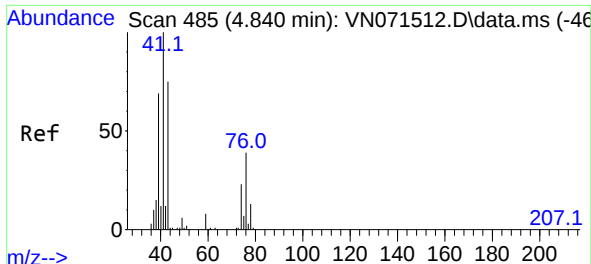
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#16
Carbon Disulfide
Concen: 21.841 ug/l
RT: 4.528 min Scan# 432
Delta R.T. -0.006 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07

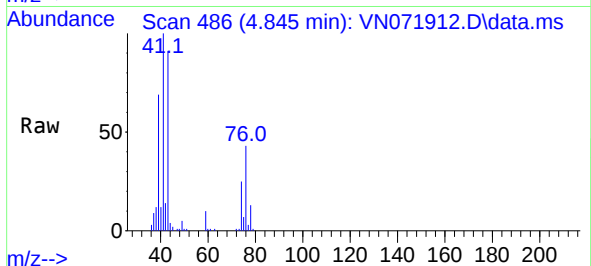
Tgt Ion: 76 Resp: 268755
Ion Ratio Lower Upper
76 100
78 8.2 7.8 11.8





#17
 Allyl chloride
 Concen: 20.375 ug/l
 RT: 4.845 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VN071912.D
 Acq: 08 Apr 2022 14:07

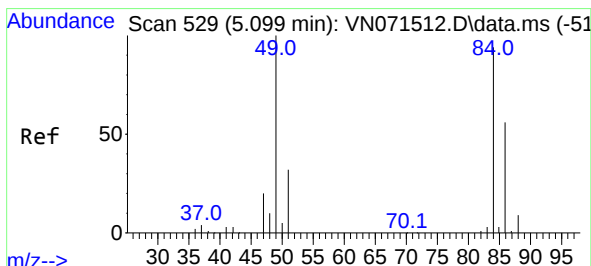
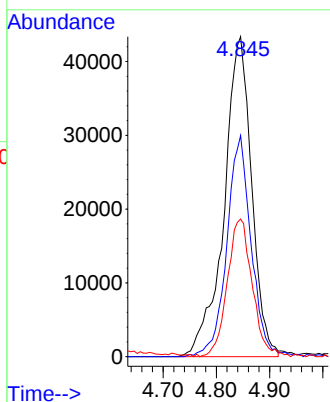
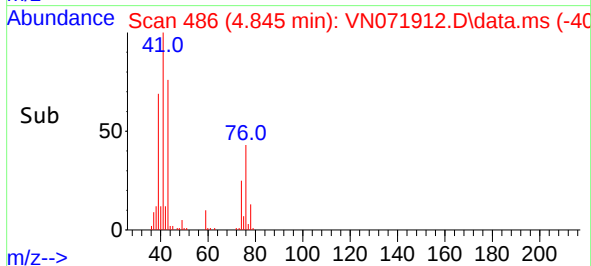
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0408WBSD01



Tgt Ion: 41 Resp: 156189
 Ion Ratio Lower Upper
 41 100
 39 69.1 44.6 134.0
 76 42.4 19.6 58.7

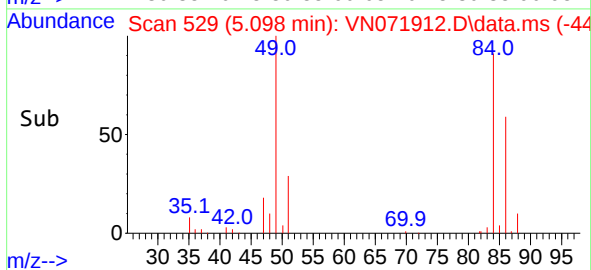
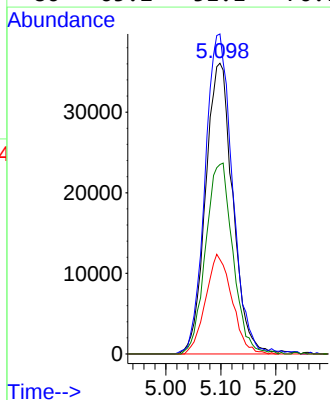
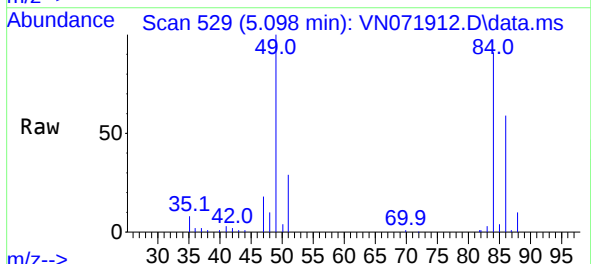
Manual Integrations
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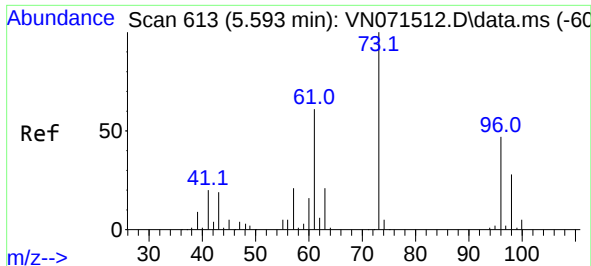
Reviewed By :John Carlone 04/11/2022
 Supervised By :Mahesh Dadoda 04/11/2022



#18
 Methylene Chloride
 Concen: 21.850 ug/l
 RT: 5.098 min Scan# 529
 Delta R.T. -0.000 min
 Lab File: VN071912.D
 Acq: 08 Apr 2022 14:07

Tgt Ion: 84 Resp: 123881
 Ion Ratio Lower Upper
 84 100
 49 109.6 91.4 137.0
 51 32.5 29.4 44.0
 86 65.2 51.1 76.7





#19

trans-1,2-Dichloroethene

Concen: 21.078 ug/l

RT: 5.598 min Scan# 613

Delta R.T. 0.006 min

Lab File: VN071912.D

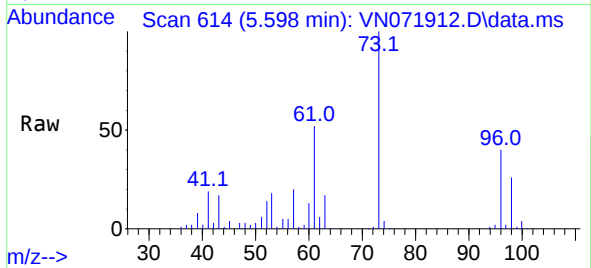
Acq: 08 Apr 2022 14:07

Instrument :

MSVOA_N

ClientSampleId :

VN0408WBSD01



Tgt Ion: 96 Resp: 10655

Ion Ratio Lower Upper

96 100

61 130.5 102.8 154.2

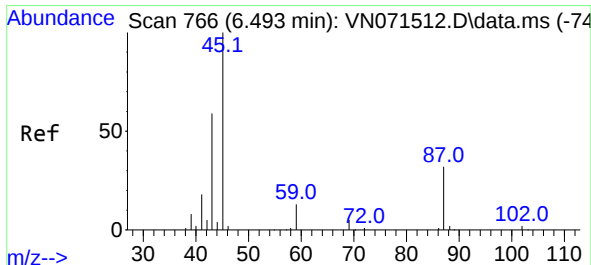
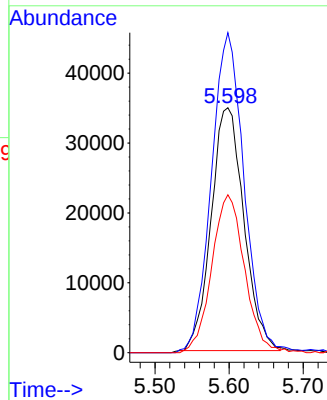
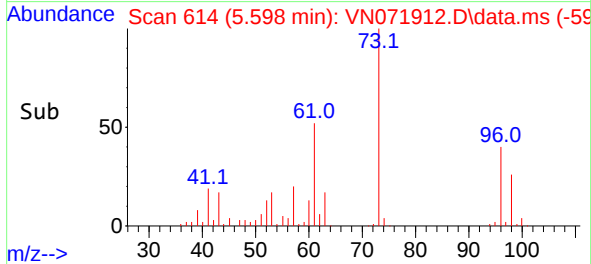
98 65.0 49.3 73.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/11/2022

Supervised By :Mahesh Dadoda 04/11/2022



#20

Diisopropyl ether

Concen: 21.543 ug/l

RT: 6.492 min Scan# 766

Delta R.T. -0.000 min

Lab File: VN071912.D

Acq: 08 Apr 2022 14:07

Tgt Ion: 45 Resp: 345527

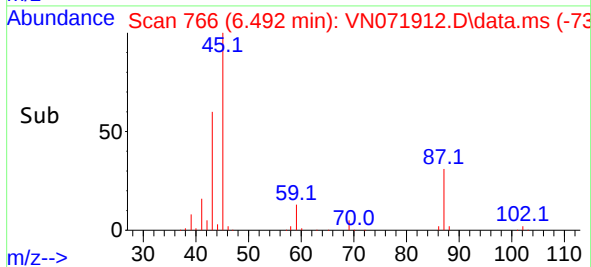
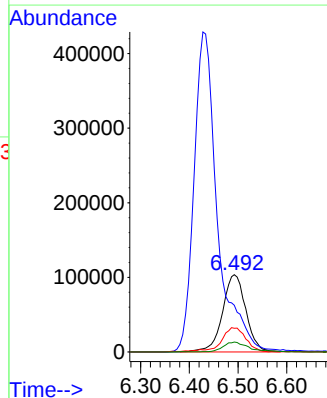
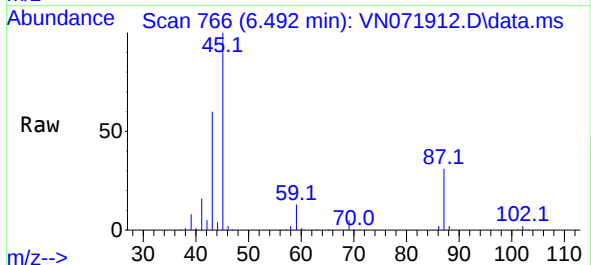
Ion Ratio Lower Upper

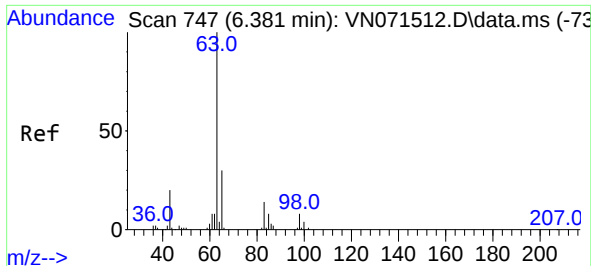
45 100

43 58.0 51.0 76.4

87 30.4 25.0 37.4

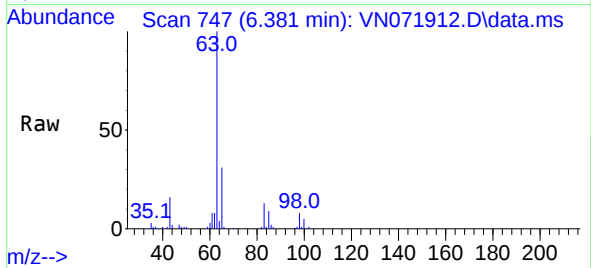
59 12.5 8.7 13.1





#21
1,1-Dichloroethane
Concen: 20.958 ug/l
RT: 6.381 min Scan# 747
Delta R.T. -0.000 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07

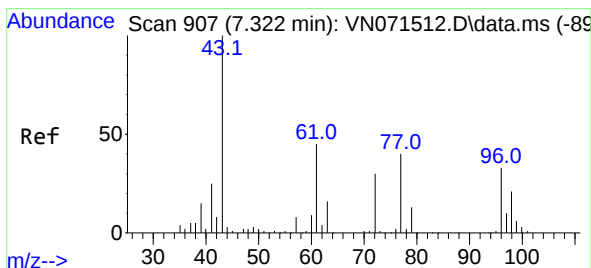
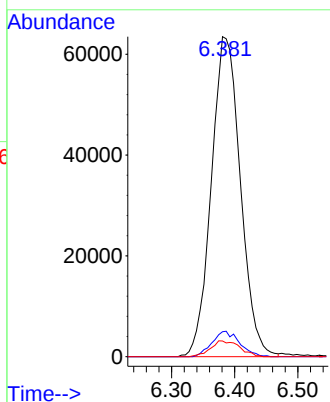
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBSD01



Tgt Ion: 63 Resp: 202948
Ion Ratio Lower Upper
63 100
98 7.8 3.2 9.6
100 4.9 2.1 6.2

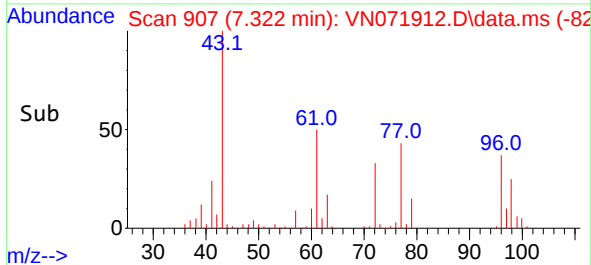
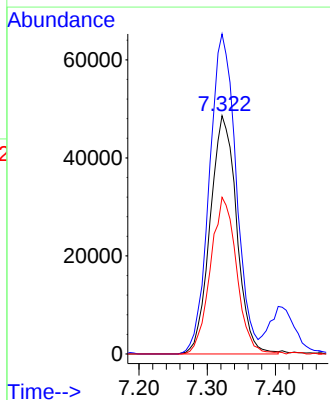
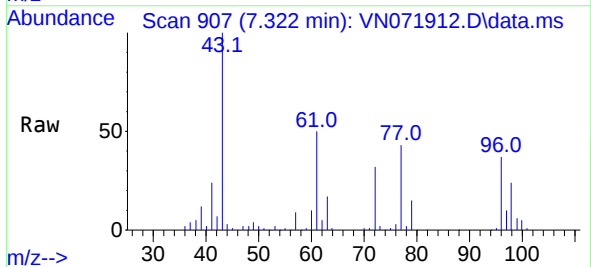
Manual Integrations
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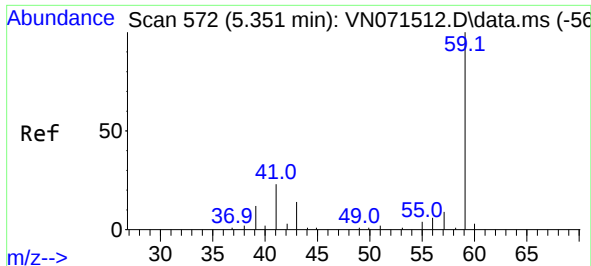
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#22
cis-1,2-Dichloroethene
Concen: 21.407 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07

Tgt Ion: 96 Resp: 131470
Ion Ratio Lower Upper
96 100
61 135.6 115.7 173.5
98 64.9 51.6 77.4





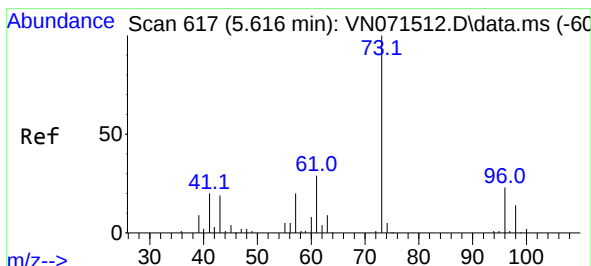
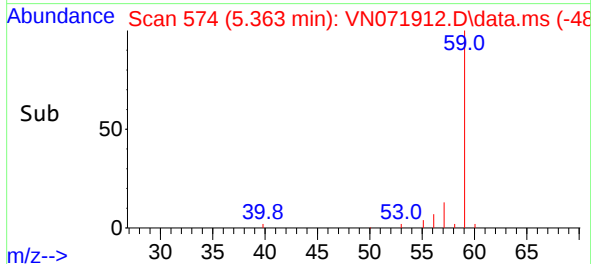
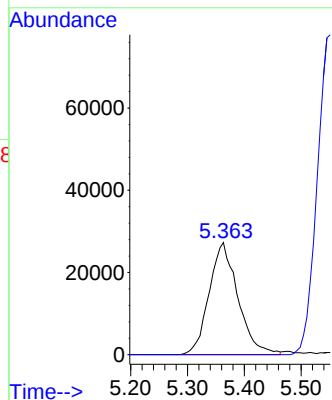
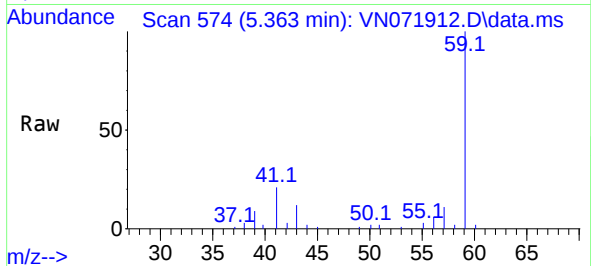
#23
tert-Butyl Alcohol
Concen: 89.428 ug/l
RT: 5.363 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07

Instrument :
MSVOA_N
ClientSampleId :
VN0408WBSD01

Tgt Ion: 59 Resp: 9626
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

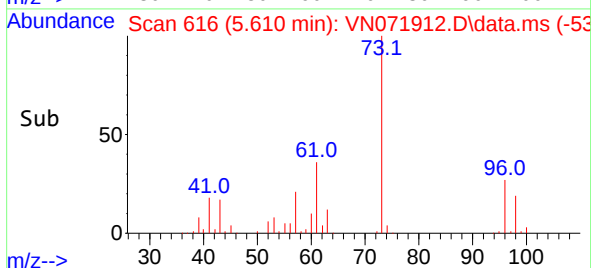
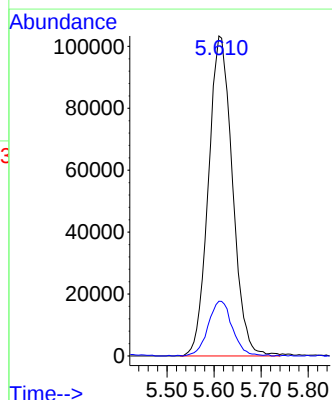
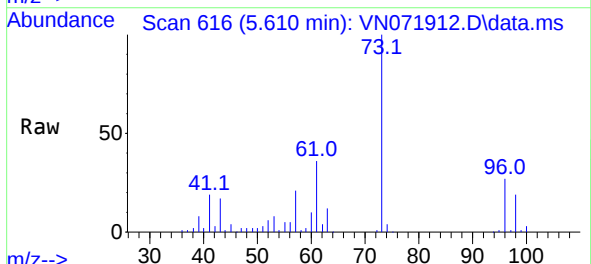
Manual Integrations
APPROVED

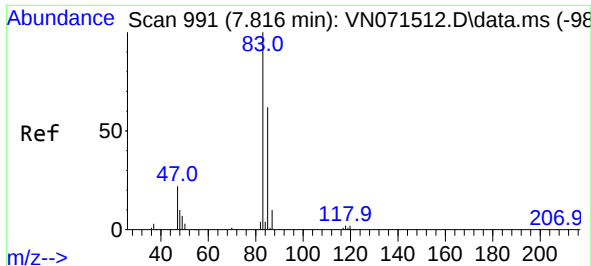
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#24
Methyl tert-Butyl Ether
Concen: 21.500 ug/l m
RT: 5.610 min Scan# 616
Delta R.T. -0.006 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07

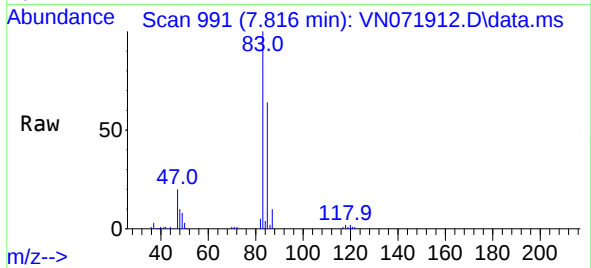
Tgt Ion: 73 Resp: 366727
Ion Ratio Lower Upper
73 100
43 0.1 18.1 27.1#





#25
Chloroform
Concen: 21.345 ug/l
RT: 7.816 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07

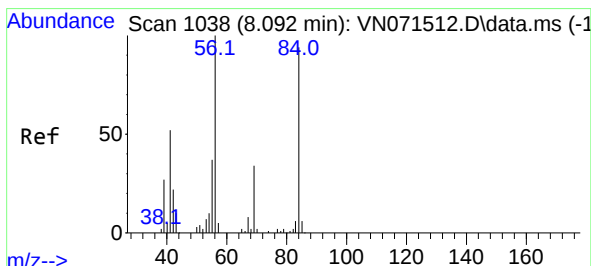
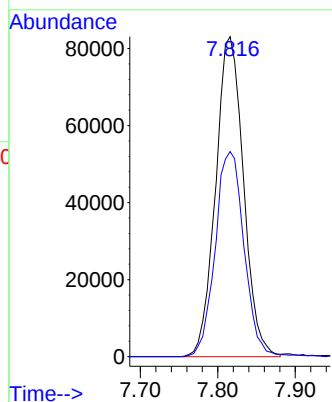
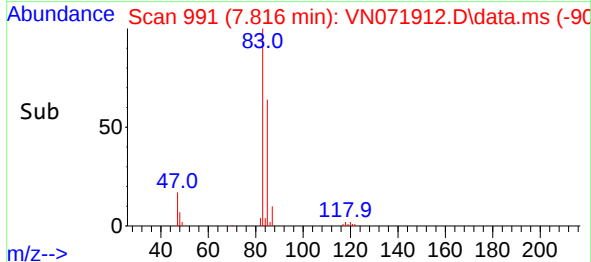
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBSD01



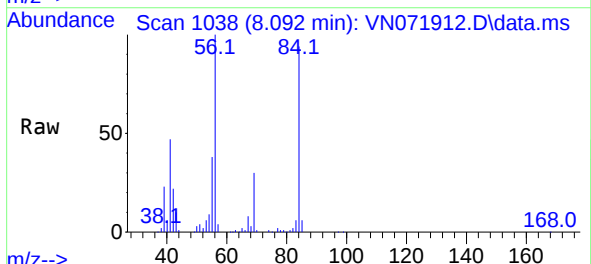
Tgt Ion: 83 Resp: 207885
Ion Ratio Lower Upper
83 100
85 64.1 51.3 76.9

Manual Integrations
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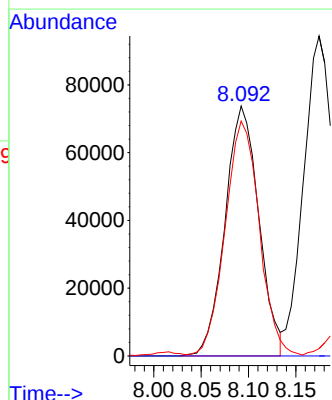
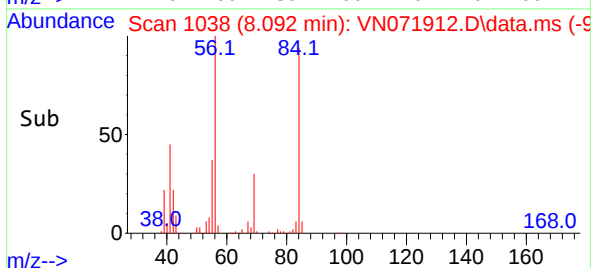
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

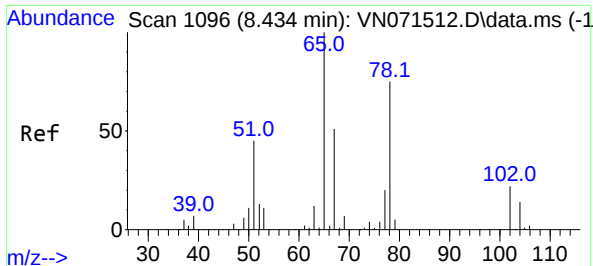


#26
Cyclohexane
Concen: 21.868 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07



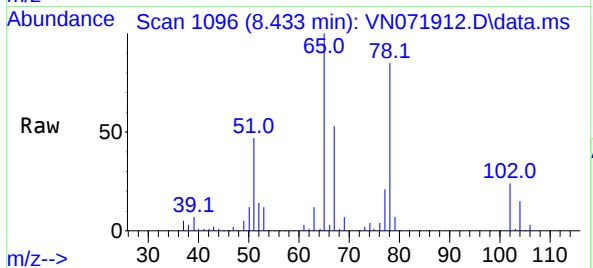
Tgt Ion: 56 Resp: 183040
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 94.8 74.6 111.8





#27
1,2-Dichloroethane-d4
Concen: 28.788 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07

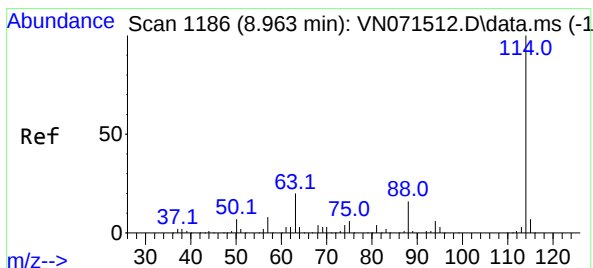
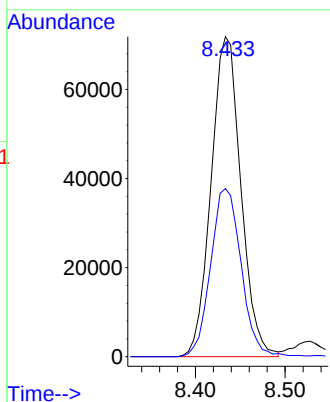
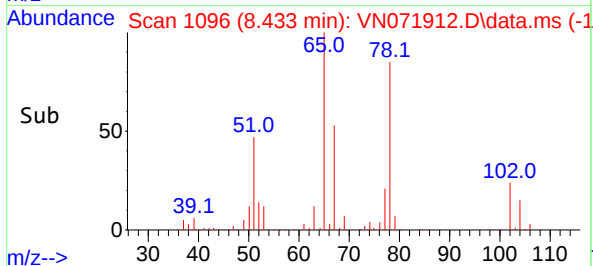
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBSD01



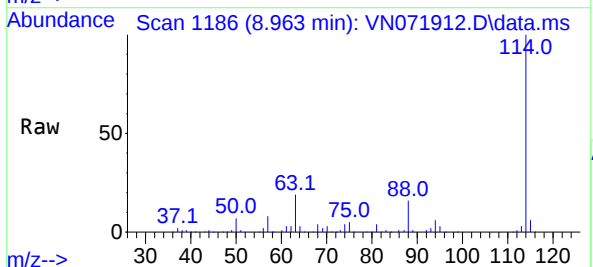
Tgt Ion: 65 Resp: 165459
Ion Ratio Lower Upper
65 100
67 53.4 40.2 60.2

Manual Integrations
APPROVED

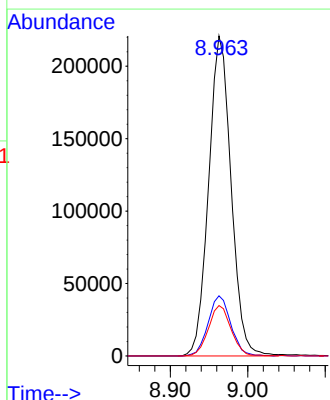
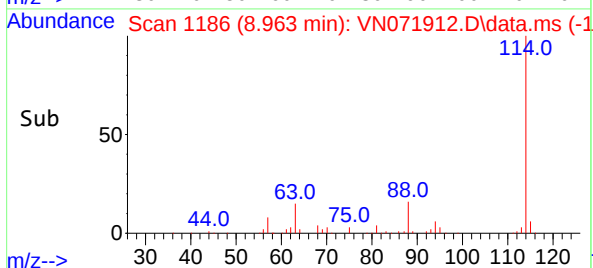
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

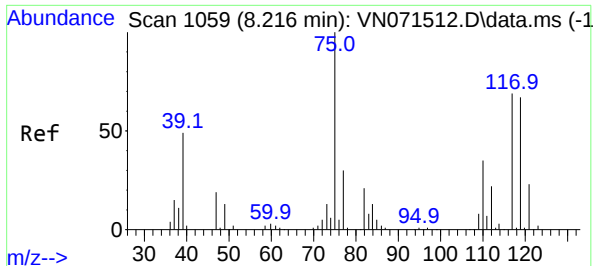


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07



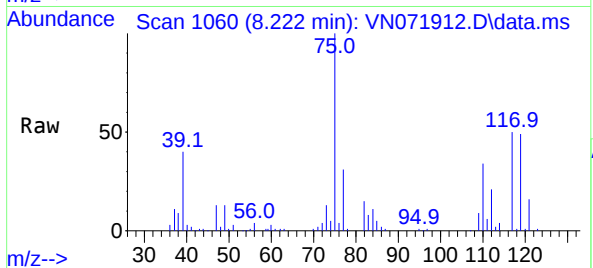
Tgt Ion:114 Resp: 444721
Ion Ratio Lower Upper
114 100
63 19.0 15.8 23.6
88 15.8 11.6 17.4





#29
1,1-Dichloropropene
Concen: 21.618 ug/l
RT: 8.222 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07

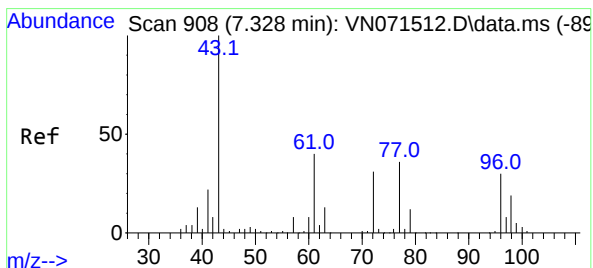
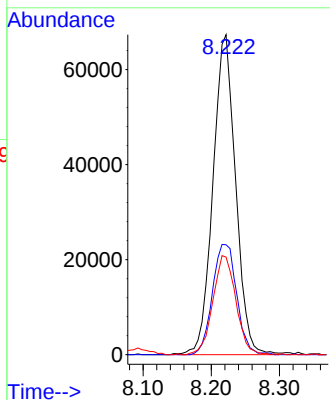
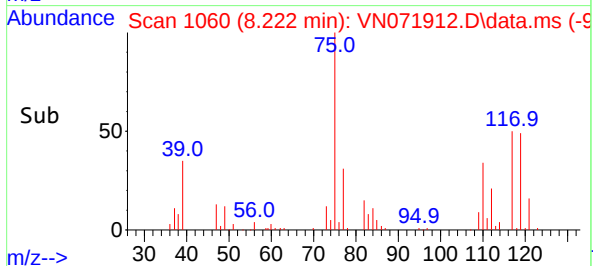
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBSD01



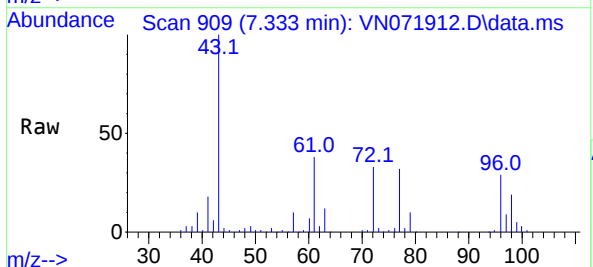
Tgt Ion: 75 Resp: 155614
Ion Ratio Lower Upper
75 100
110 36.7 0.0 74.2
77 31.5 0.0 63.2

Manual Integrations
APPROVED

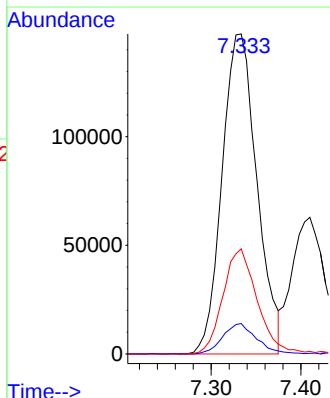
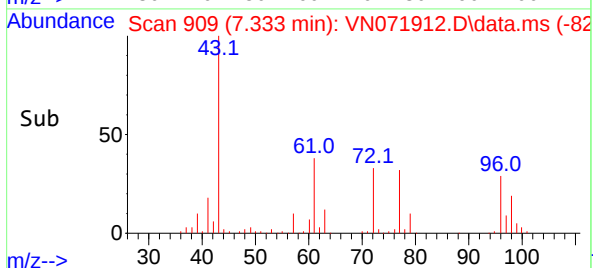
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

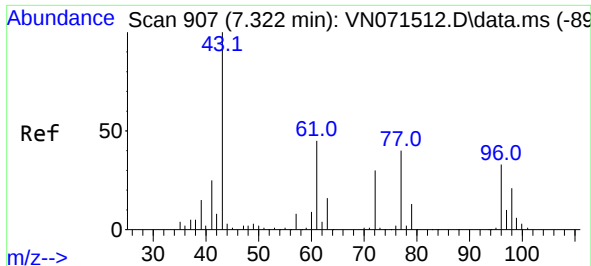


#30
2-Butanone
Concen: 99.200 ug/l
RT: 7.333 min Scan# 909
Delta R.T. 0.006 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07



Tgt Ion: 43 Resp: 397478
Ion Ratio Lower Upper
43 100
57 9.2 6.7 10.1
72 32.3 23.2 34.8





#31
2,2-Dichloropropane
Concen: 19.714 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07

Instrument :

MSVOA_N

ClientSampleId :

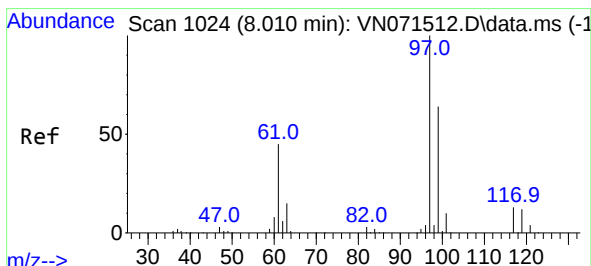
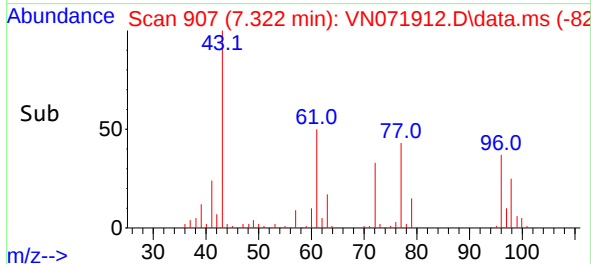
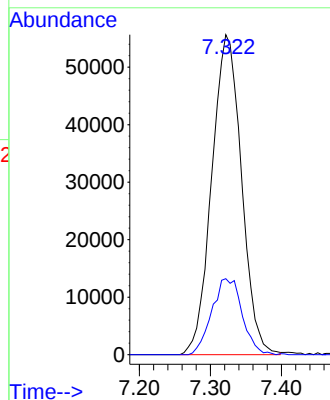
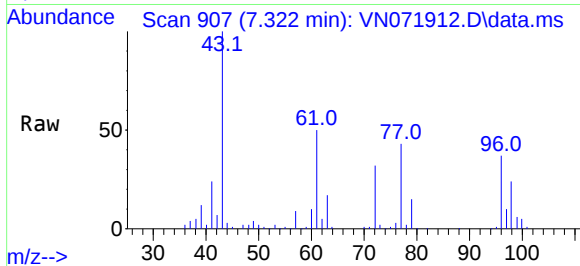
VN0408WBSD01

Tgt Ion: 77 Resp: 16165
Ion Ratio Lower Upper
77 100
97 15.4 18.3 27.5

Manual Integrations

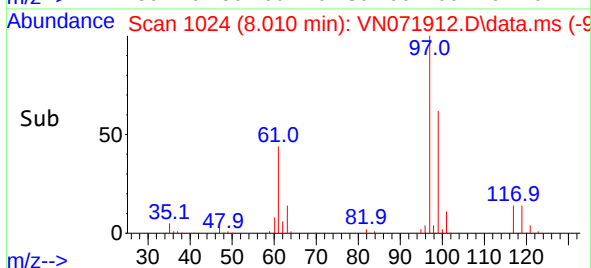
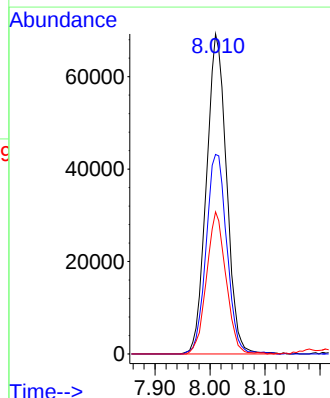
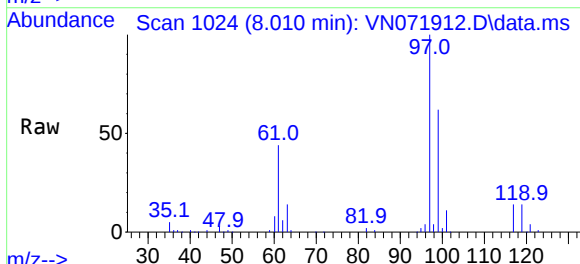
APPROVED

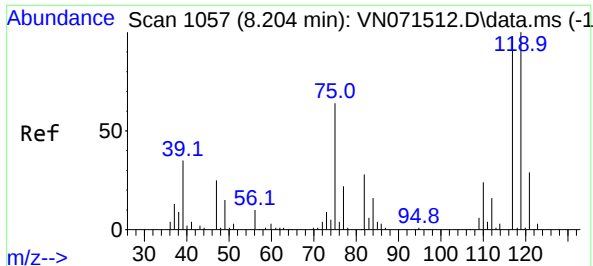
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#32
1,1,1-Trichloroethane
Concen: 21.010 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07

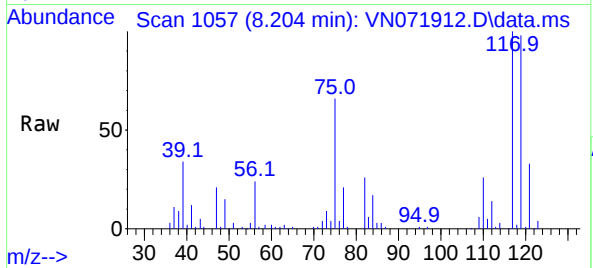
Tgt Ion: 97 Resp: 176146
Ion Ratio Lower Upper
97 100
99 63.8 50.4 75.6
61 42.7 34.6 51.8





#33
Carbon Tetrachloride
Concen: 21.491 ug/l
RT: 8.204 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07

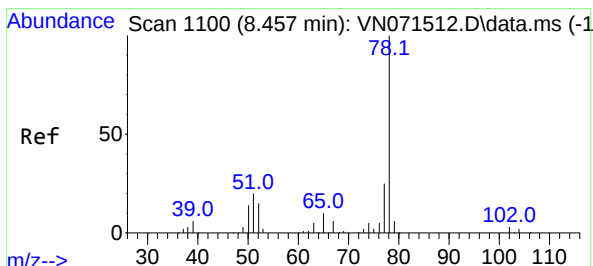
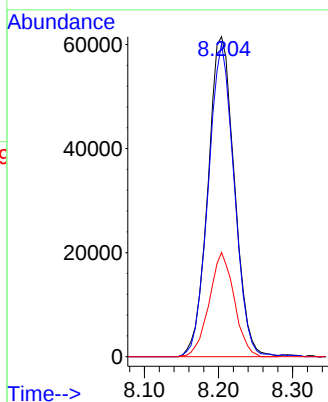
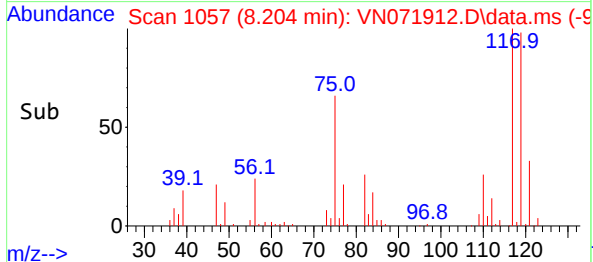
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBSD01



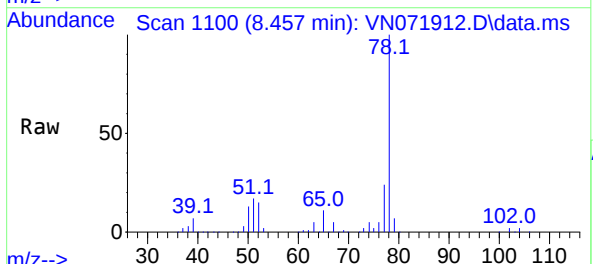
Tgt Ion:117 Resp: 15251
Ion Ratio Lower Upper
117 100
119 97.8 77.5 116.3
121 32.5 23.5 35.3

Manual Integrations
APPROVED

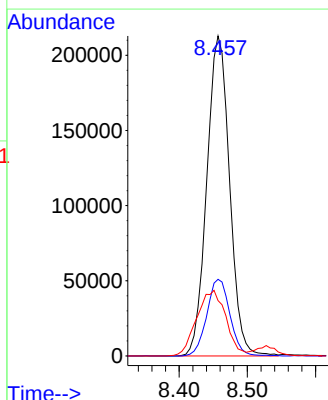
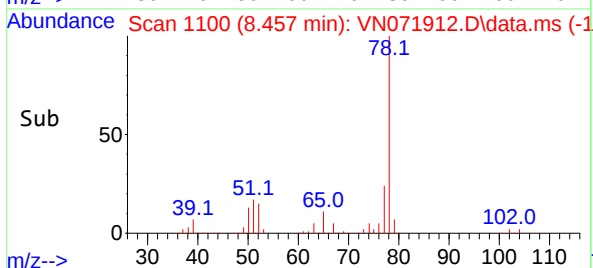
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

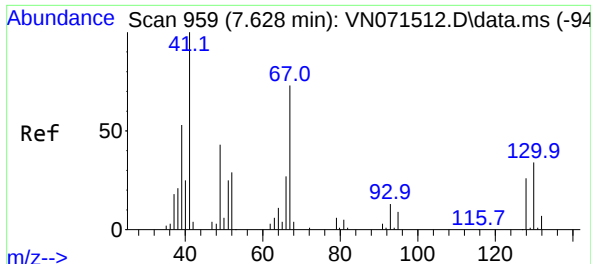


#34
Benzene
Concen: 22.164 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07



Tgt Ion: 78 Resp: 495681
Ion Ratio Lower Upper
78 100
77 24.0 19.1 28.7
51 16.7 16.0 24.0





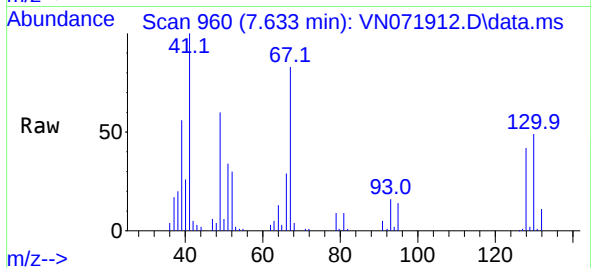
#35
Methacrylonitrile
Concen: 21.071 ug/l
RT: 7.633 min Scan# 910
Delta R.T. 0.006 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07

Instrument :

MSVOA_N

ClientSampleId :

VN0408WBSD01

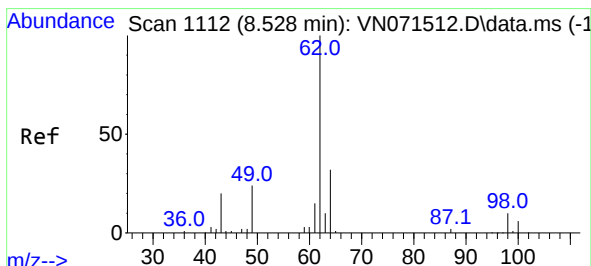
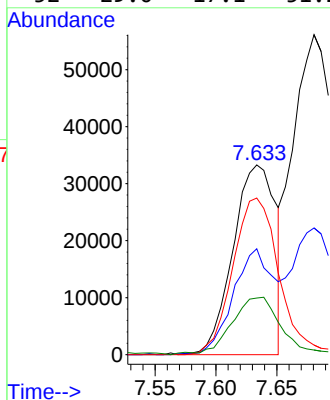
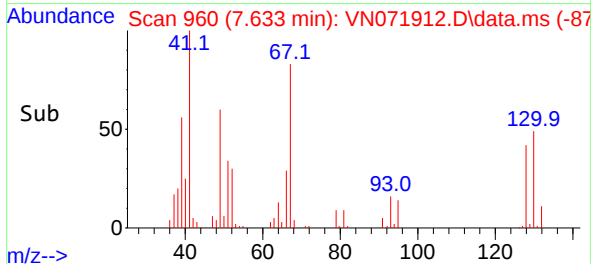


Tgt Ion: 41 Resp: 81004
Ion Ratio Lower Upper
41 100
39 55.3 28.0 83.9
67 82.5 37.7 113.1
52 29.0 17.1 51.2

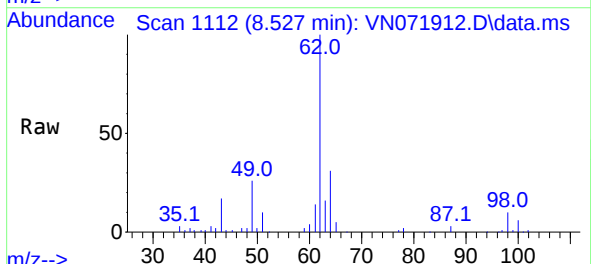
Manual Integrations

APPROVED

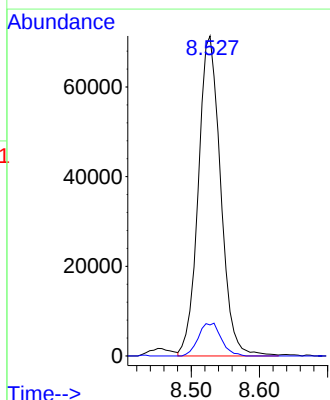
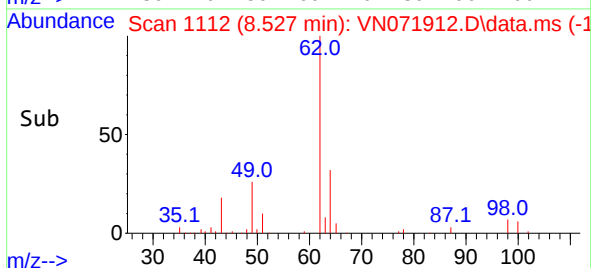
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

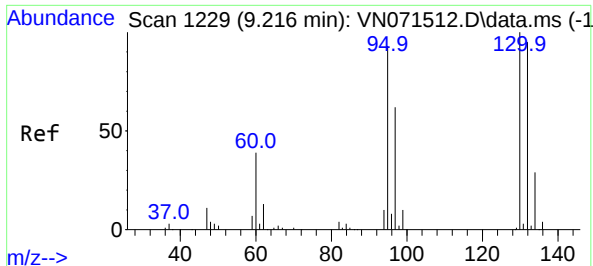


#36
1,2-Dichloroethane
Concen: 20.804 ug/l
RT: 8.527 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07



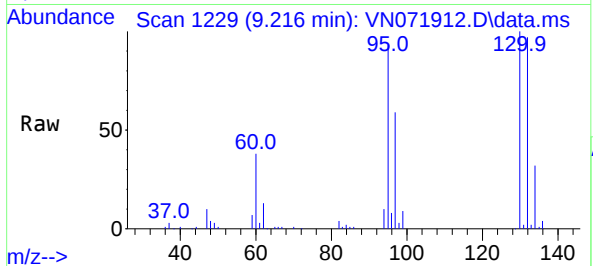
Tgt Ion: 62 Resp: 162315
Ion Ratio Lower Upper
62 100
98 10.5 6.6 10.0#





#37
Trichloroethene
Concen: 21.728 ug/l
RT: 9.216 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07

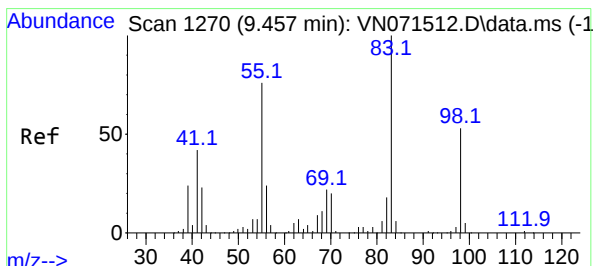
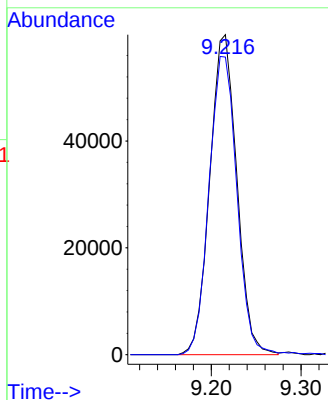
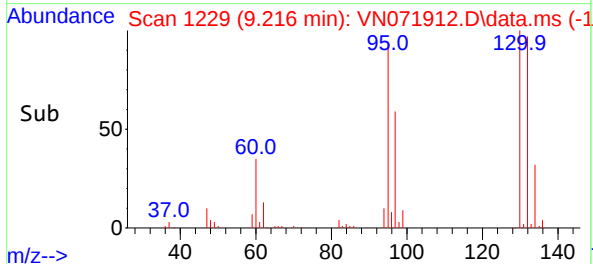
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBSD01



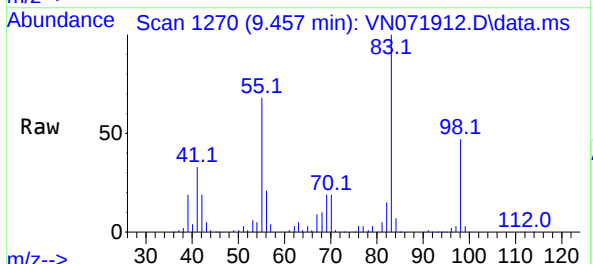
Tgt Ion:130 Resp: 12538
Ion Ratio Lower Upper
130 100
95 93.0 76.6 115.0

Manual Integrations
APPROVED

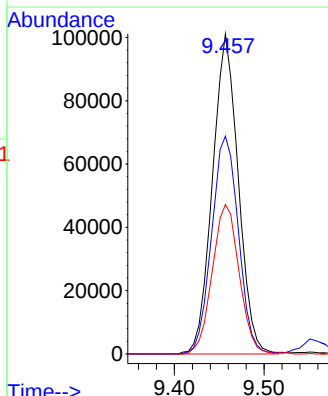
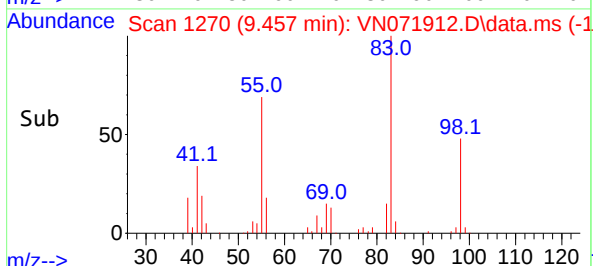
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

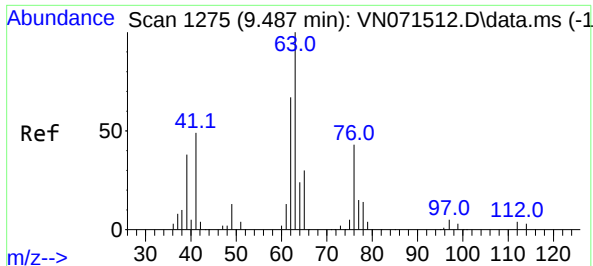


#38
Methylcyclohexane
Concen: 22.226 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07



Tgt Ion: 83 Resp: 201660
Ion Ratio Lower Upper
83 100
55 70.7 35.1 105.3
98 48.6 23.4 70.2





#39

1,2-Dichloropropane

Concen: 22.009 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. -0.000 min

Lab File: VN071912.D

Acq: 08 Apr 2022 14:07

Instrument :

MSVOA_N

ClientSampleId :

VN0408WBSD01

Tgt Ion: 63 Resp: 12314

Ion Ratio Lower Upper

63 100

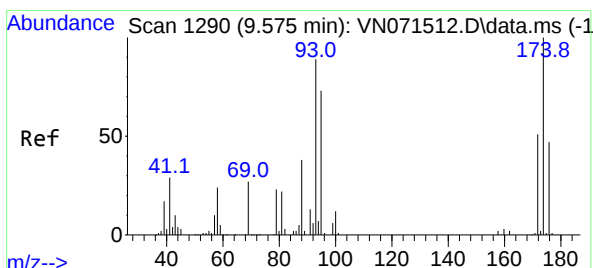
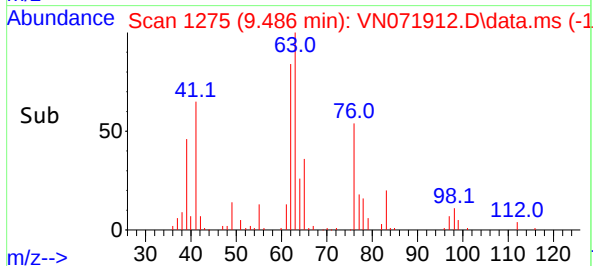
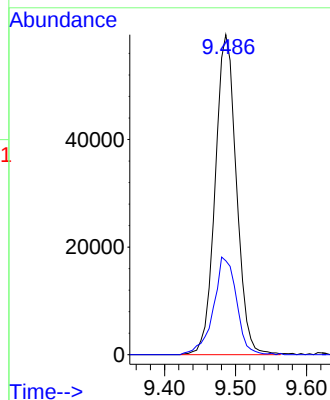
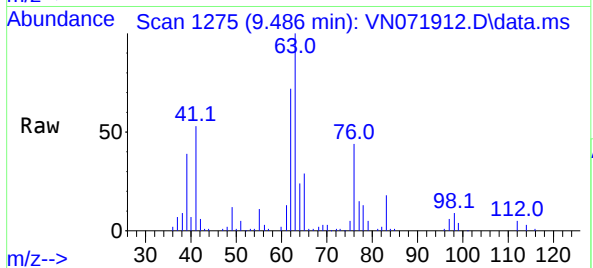
65 29.3 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/11/2022

Supervised By :Mahesh Dadoda 04/11/2022



#40

Dibromomethane

Concen: 21.810 ug/l

RT: 9.574 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN071912.D

Acq: 08 Apr 2022 14:07

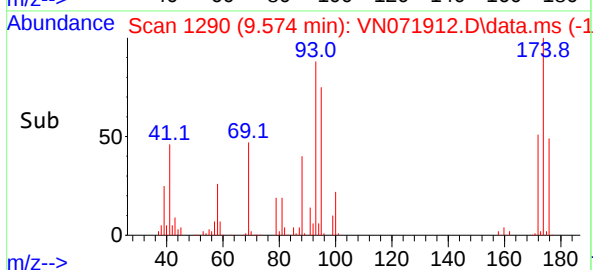
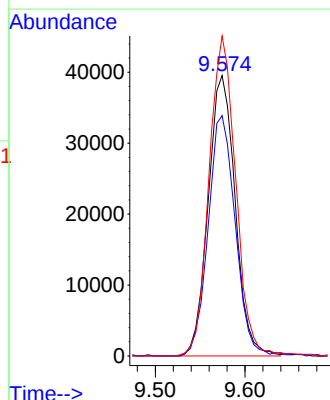
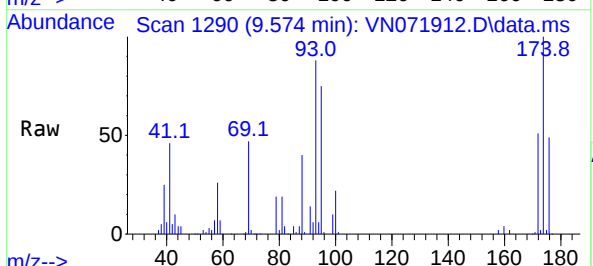
Tgt Ion: 93 Resp: 82600

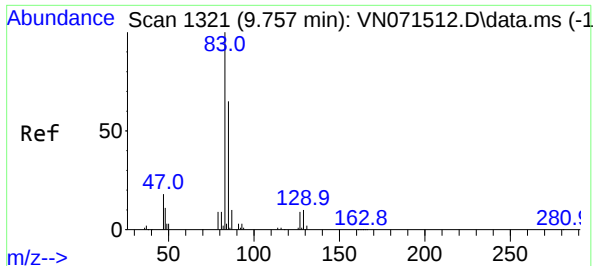
Ion Ratio Lower Upper

93 100

95 85.5 0.0 168.8

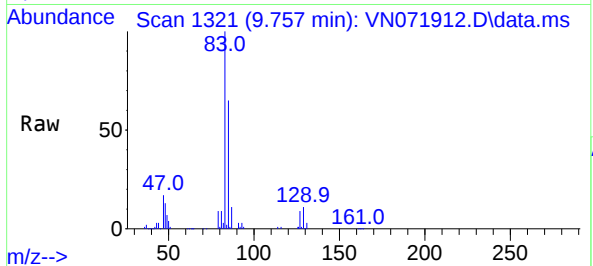
174 113.1 0.0 173.6





#41
Bromodichloromethane
Concen: 21.624 ug/l
RT: 9.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07

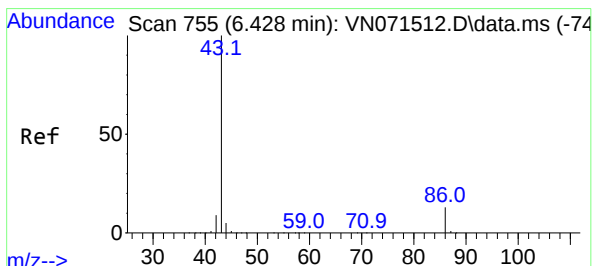
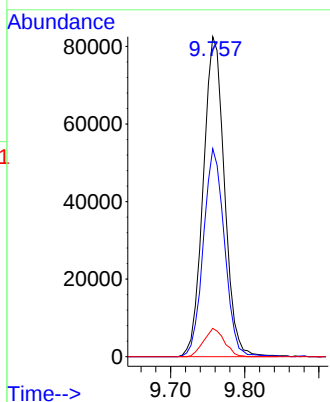
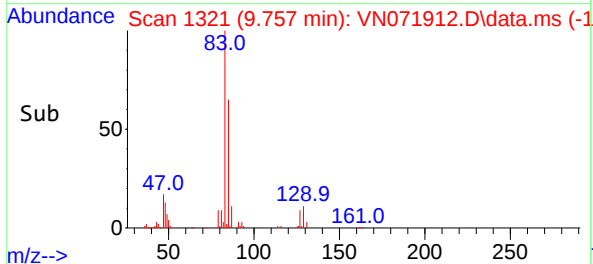
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBSD01



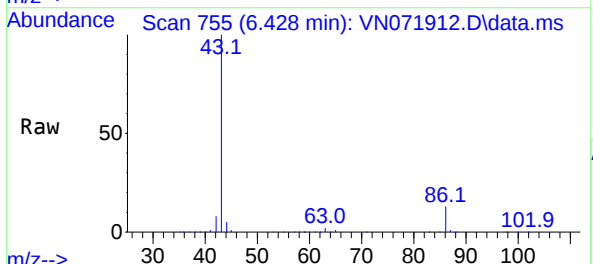
Tgt Ion: 83 Resp: 16388
Ion Ratio Lower Upper
83 100
85 65.0 54.1 81.1
127 9.6 7.6 11.4

Manual Integrations
APPROVED

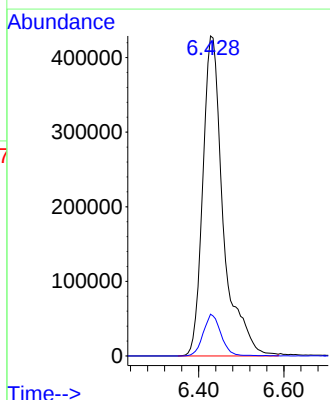
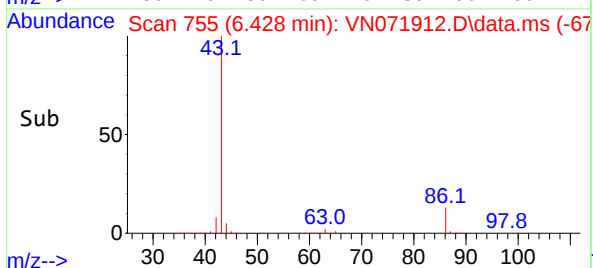
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

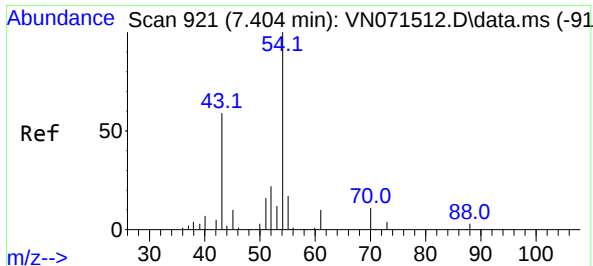


#42
Vinyl Acetate
Concen: 104.465 ug/l
RT: 6.428 min Scan# 755
Delta R.T. -0.000 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07



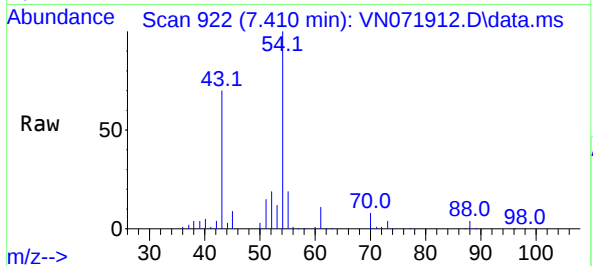
Tgt Ion: 43 Resp: 1434212
Ion Ratio Lower Upper
43 100
86 11.2 7.5 11.3





#43
Ethyl Acetate
Concen: 21.397 ug/l
RT: 7.410 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07

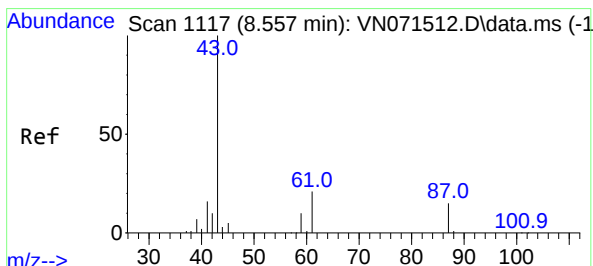
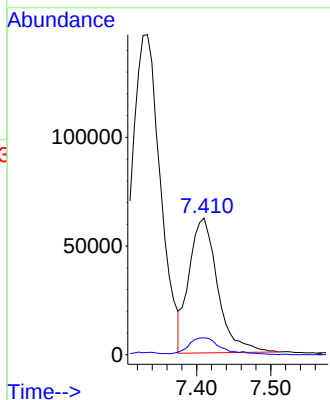
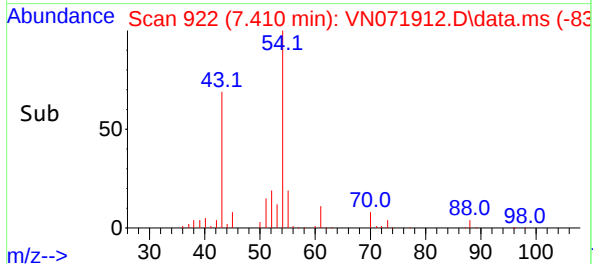
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBSD01



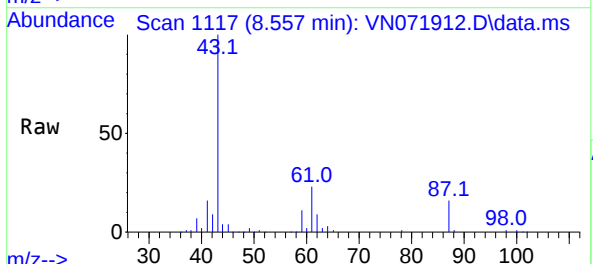
Tgt Ion: 43 Resp: 166249
Ion Ratio Lower Upper
43 100
45 11.8 10.6 16.0

Manual Integrations
APPROVED

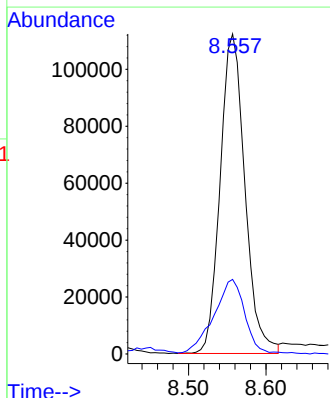
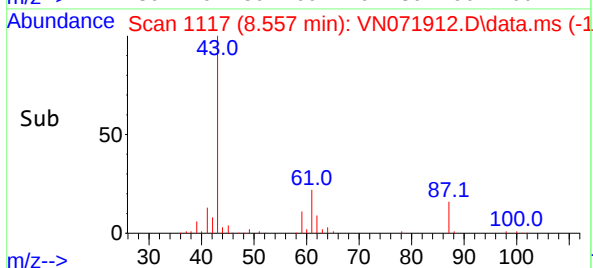
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

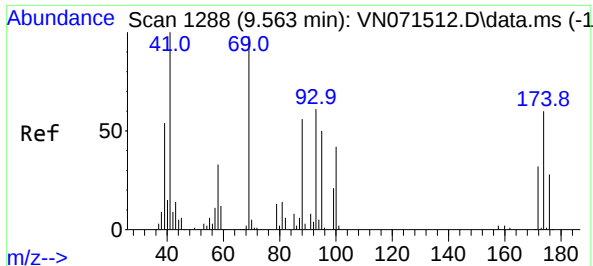


#44
Isopropyl Acetate
Concen: 19.999 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07



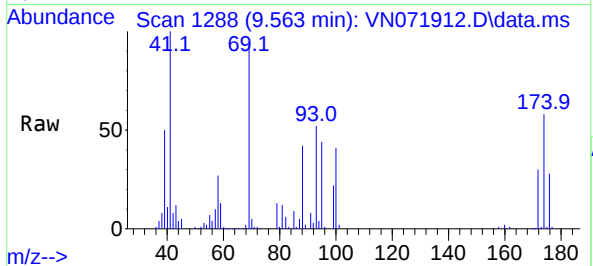
Tgt Ion: 43 Resp: 249222
Ion Ratio Lower Upper
43 100
61 29.1 20.1 30.1





#45
1,4-Dioxane
Concen: 392.362 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07

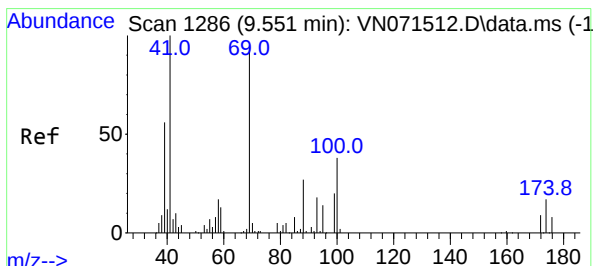
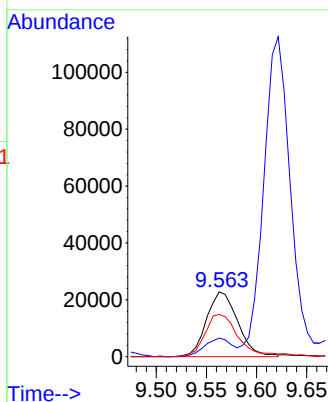
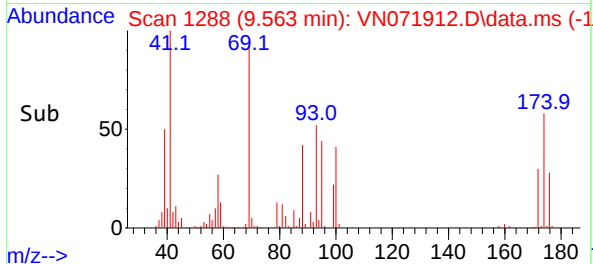
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBSD01



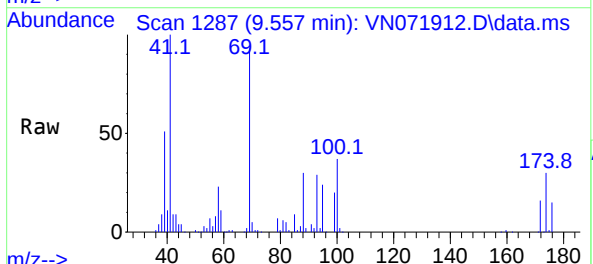
Tgt Ion: 88 Resp: 4933
Ion Ratio Lower Upper
88 100
43 25.3 25.0 37.6
58 66.3 49.4 74.2

Manual Integrations
APPROVED

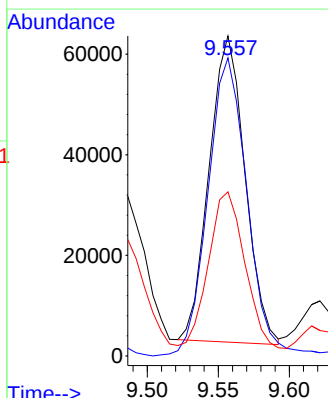
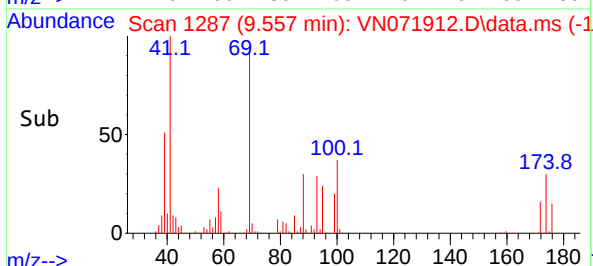
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

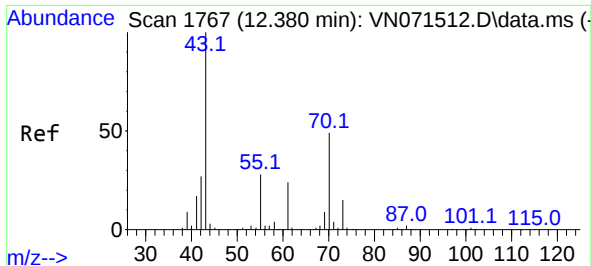


#46
Methyl methacrylate
Concen: 19.519 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07



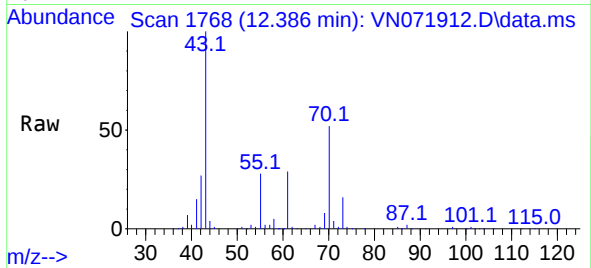
Tgt Ion: 41 Resp: 106668
Ion Ratio Lower Upper
41 100
69 96.5 44.4 133.2
39 51.4 39.9 119.6





#47
n-amy1 Acetate
Concen: 18.306 ug/l m
RT: 12.386 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07

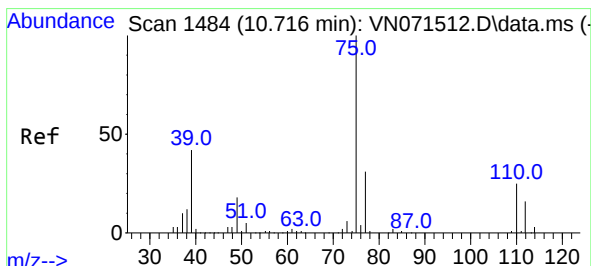
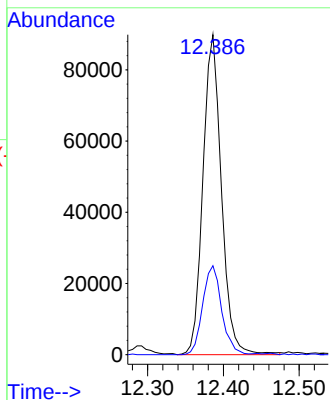
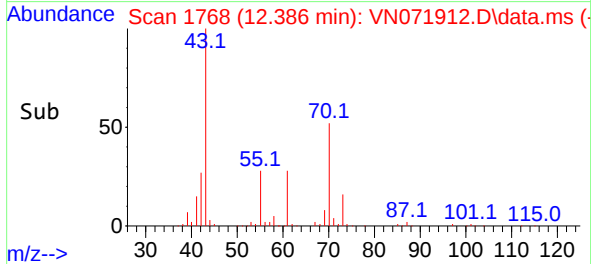
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBSD01



Tgt Ion: 43 Resp: 152228
Ion Ratio Lower Upper
43 100
55 0.1 19.0 28.6

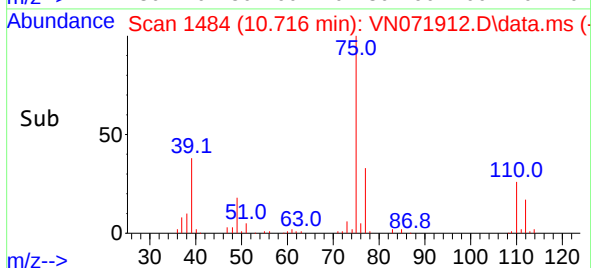
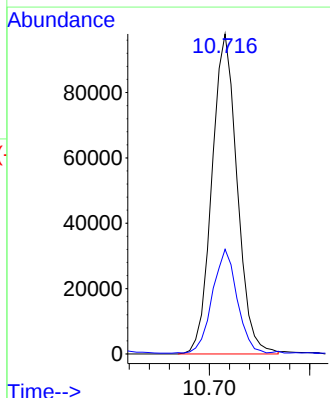
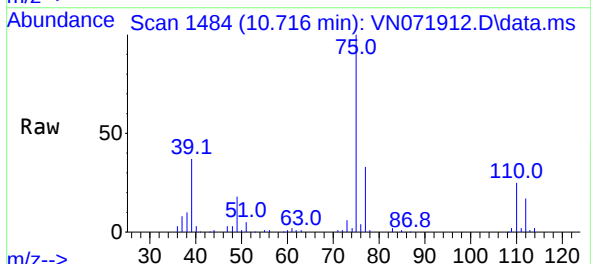
Manual Integrations
APPROVED

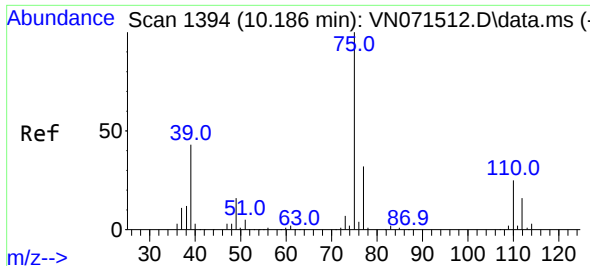
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#48
t-1,3-Dichloropropene
Concen: 20.765 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07

Tgt Ion: 75 Resp: 171049
Ion Ratio Lower Upper
75 100
77 32.3 25.3 37.9





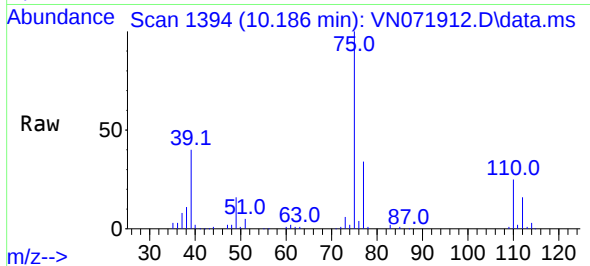
#49
cis-1,3-Dichloropropene
Concen: 21.444 ug/l
RT: 10.186 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07

Instrument :

MSVOA_N

ClientSampleId :

VN0408WBSD01



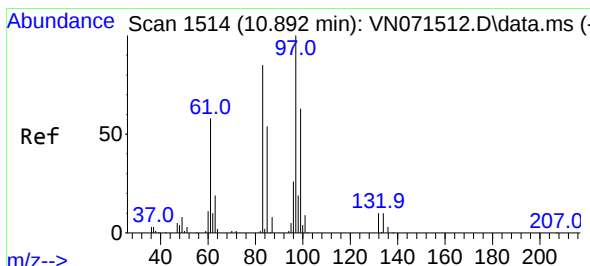
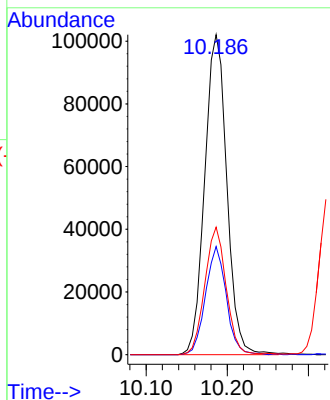
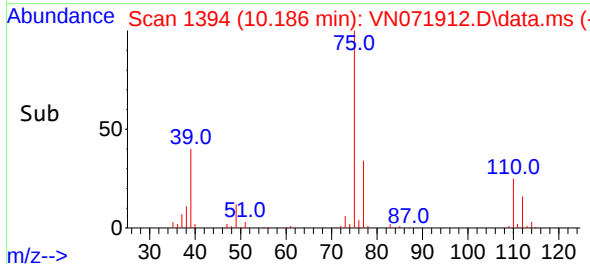
Tgt Ion: 75 Resp: 19317
Ion Ratio Lower Upper
75 100
77 33.8 25.3 37.9
39 39.9 46.2 69.4

Manual Integrations

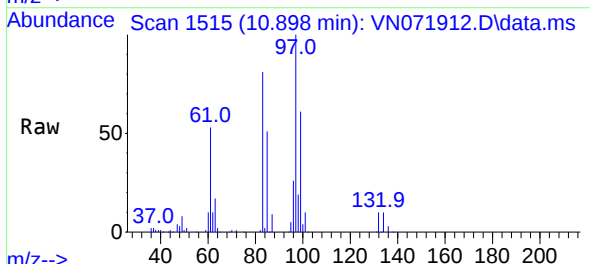
APPROVED

Reviewed By :John Carlone 04/11/2022

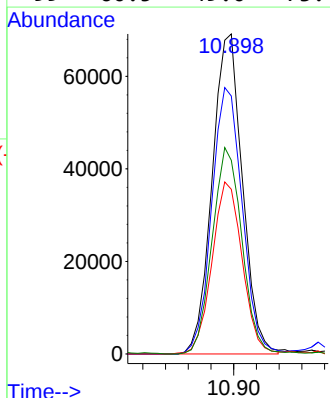
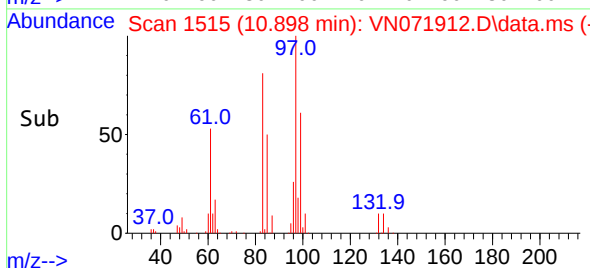
Supervised By :Mahesh Dadoda 04/11/2022

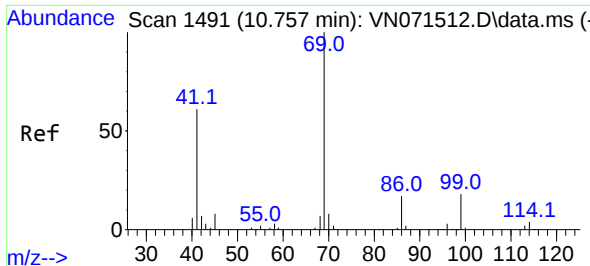


#50
1,1,2-Trichloroethane
Concen: 22.578 ug/l
RT: 10.898 min Scan# 1515
Delta R.T. 0.006 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07



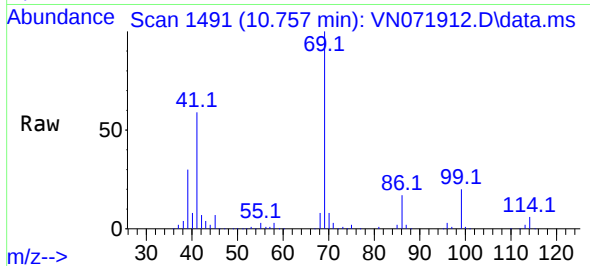
Tgt Ion: 97 Resp: 127832
Ion Ratio Lower Upper
97 100
83 80.6 67.2 100.8
85 51.2 43.0 64.4
99 60.5 49.0 73.4





#51
Ethyl methacrylate
Concen: 21.521 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07

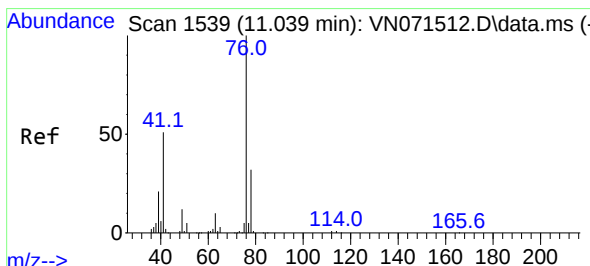
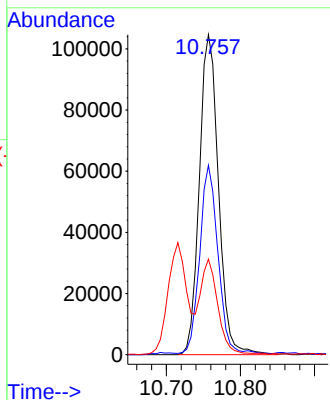
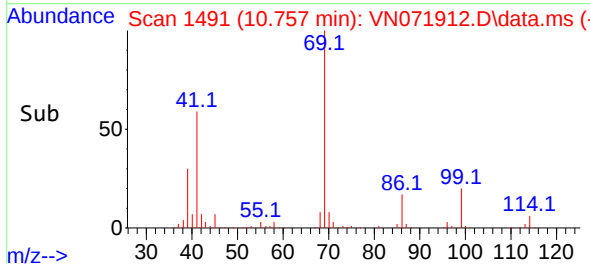
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBSD01



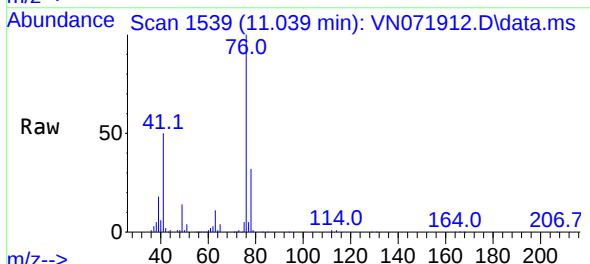
Tgt Ion: 69 Resp: 188130
Ion Ratio Lower Upper
69 100
41 58.8 33.0 98.9
39 29.7 25.4 76.4

Manual Integrations
APPROVED

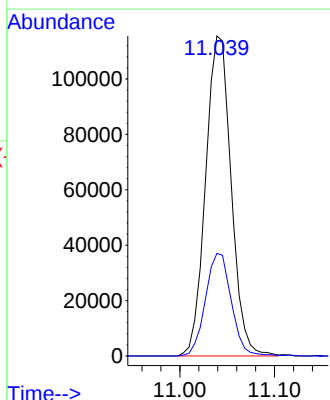
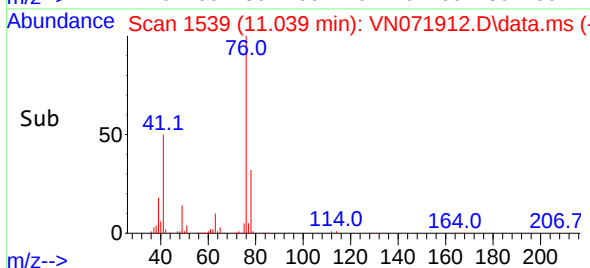
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

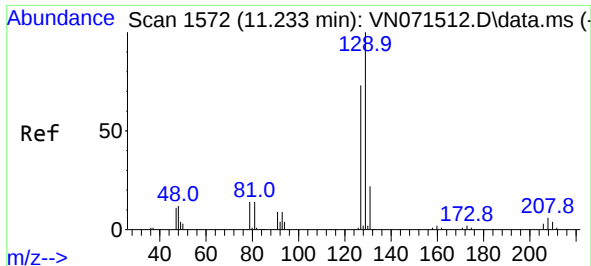


#52
1,3-Dichloropropane
Concen: 22.449 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07



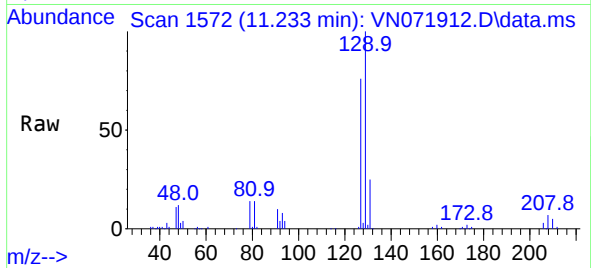
Tgt Ion: 76 Resp: 217059
Ion Ratio Lower Upper
76 100
78 32.3 0.0 65.4





#53
Dibromochloromethane
Concen: 22.000 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07

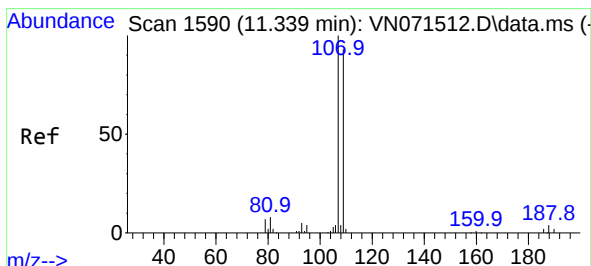
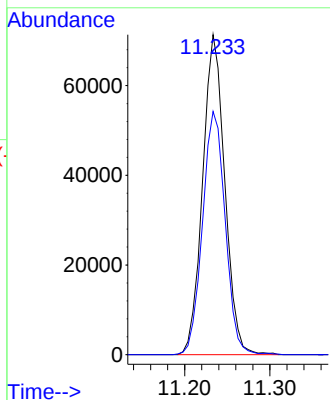
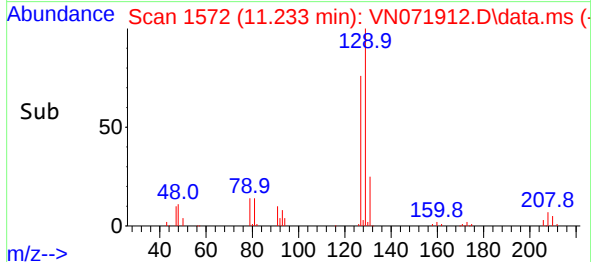
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBSD01



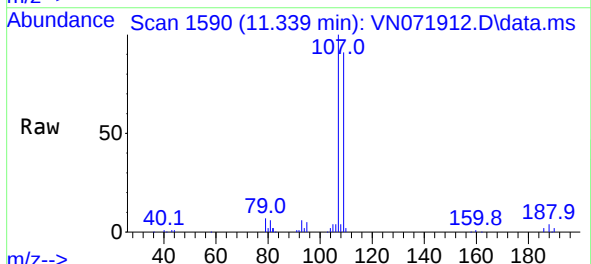
Tgt Ion:129 Resp: 12894
Ion Ratio Lower Upper
129 100
127 77.6 39.0 117.0

Manual Integrations
APPROVED

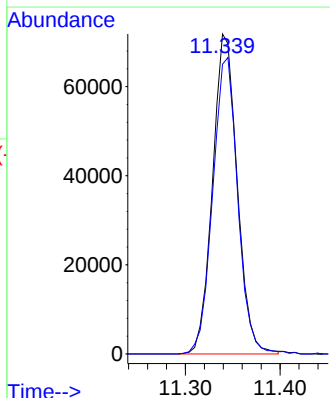
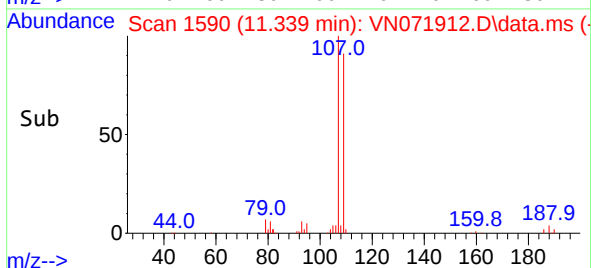
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

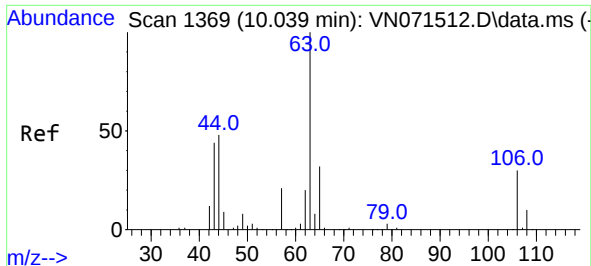


#54
1,2-Dibromoethane
Concen: 22.327 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07



Tgt Ion:107 Resp: 130036
Ion Ratio Lower Upper
107 100
109 93.9 72.8 109.2





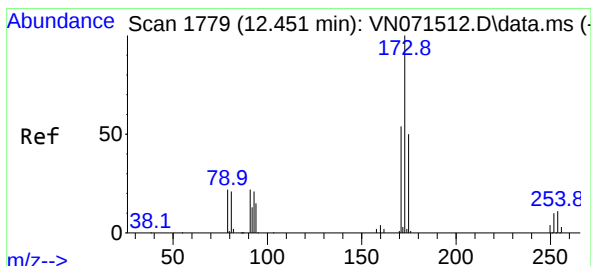
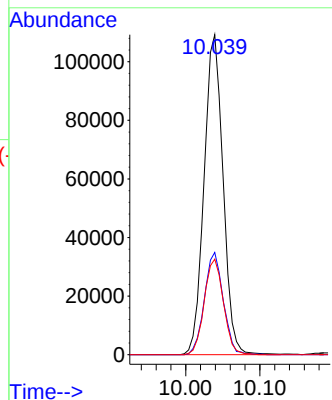
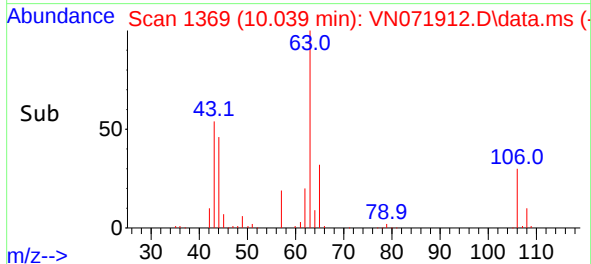
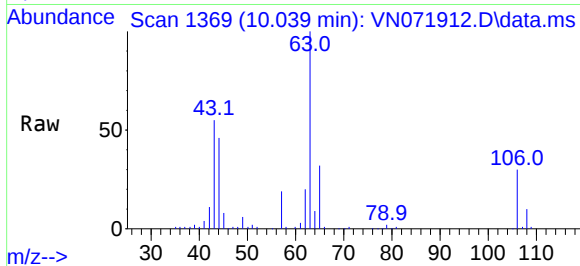
#55
2-Chloroethyl vinyl ether
Concen: 82.544 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07

Instrument :
MSVOA_N
ClientSampleId :
VN0408WBSD01

Tgt Ion: 63 Resp: 19442
Ion Ratio Lower Upper
63 100
65 31.7 25.4 38.0
106 30.1 23.2 34.8

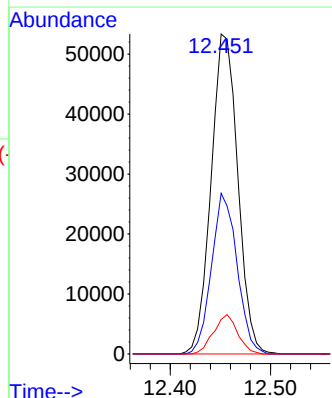
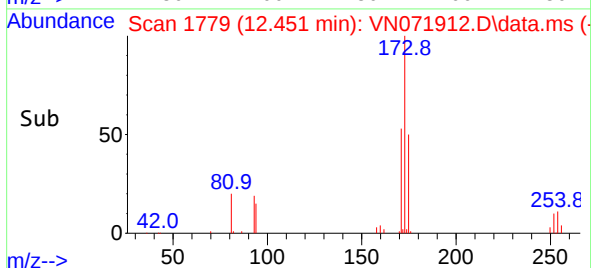
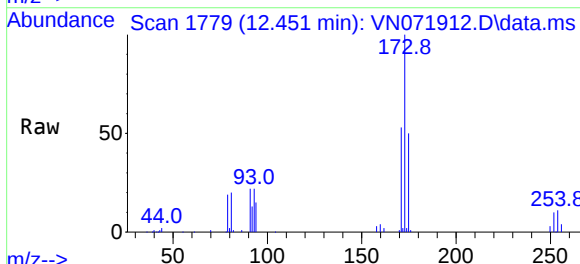
Manual Integrations
APPROVED

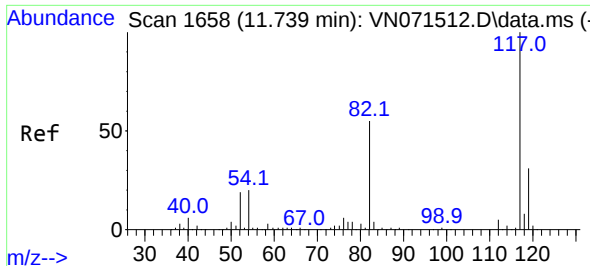
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#56
Bromoform
Concen: 21.829 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07

Tgt Ion:173 Resp: 98646
Ion Ratio Lower Upper
173 100
175 48.0 38.6 58.0
254 11.1 0.0 0.0#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07

Instrument :

MSVOA_N

ClientSampleId :

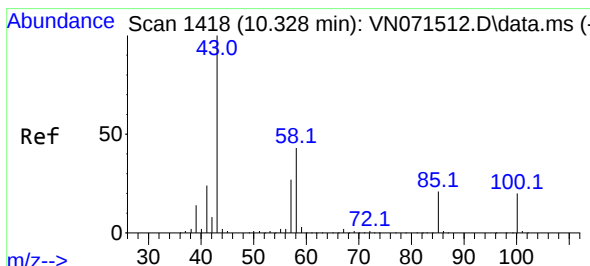
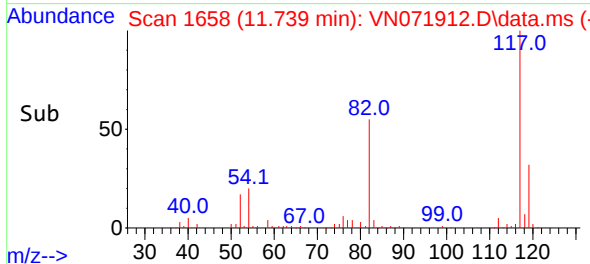
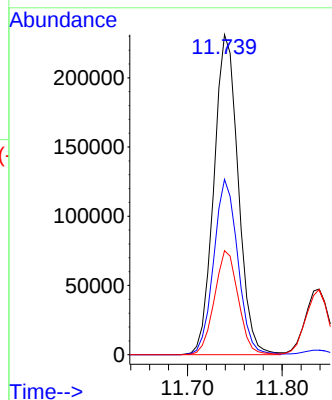
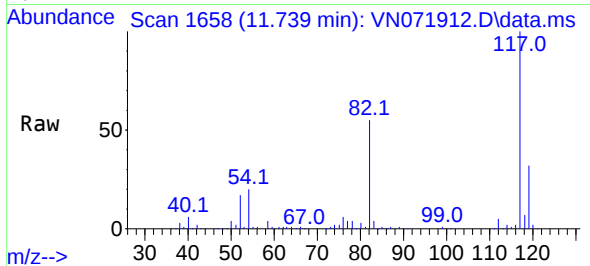
VN0408WBSD01

Tgt Ion:117 Resp: 41310
Ion Ratio Lower Upper
117 100
82 54.1 43.6 65.4
119 31.9 25.8 38.6

Manual Integrations

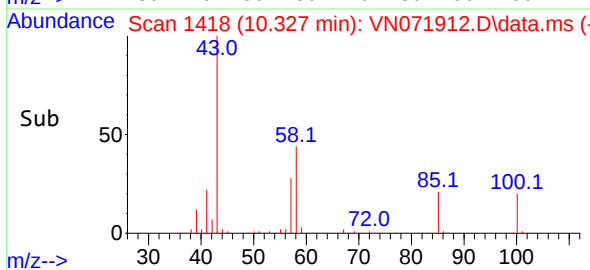
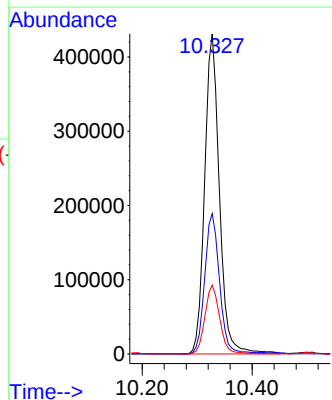
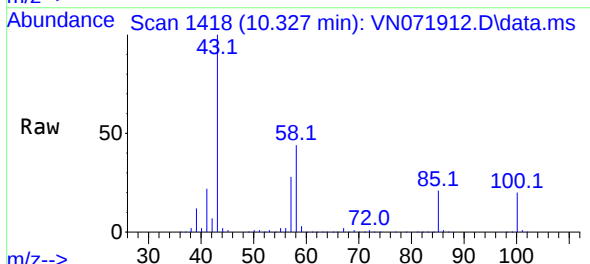
APPROVED

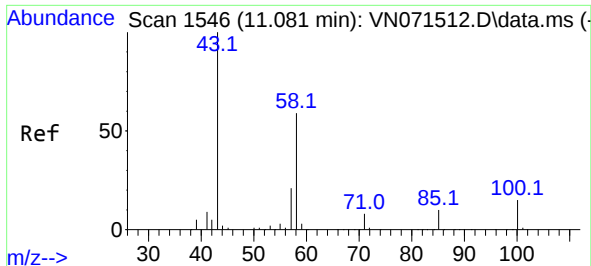
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#58
4-Methyl-2-Pentanone
Concen: 102.323 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07

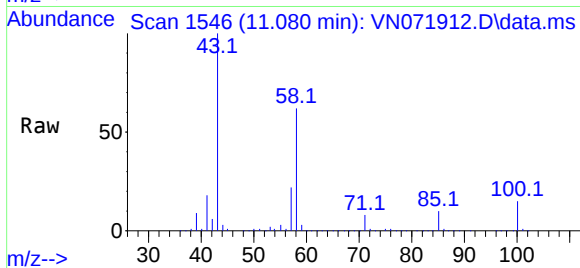
Tgt Ion: 43 Resp: 802403
Ion Ratio Lower Upper
43 100
58 43.7 30.0 45.0
85 21.6 15.0 22.6





#59
2-Hexanone
Concen: 99.000 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.000 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07

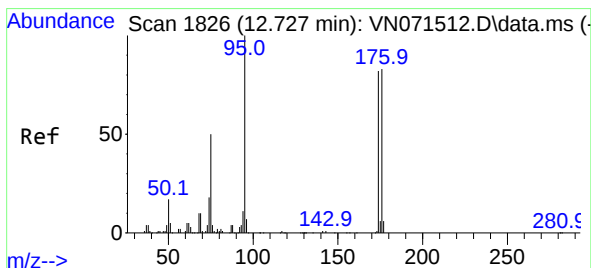
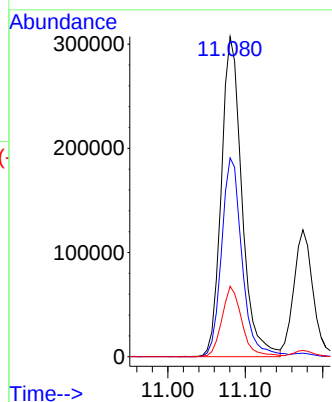
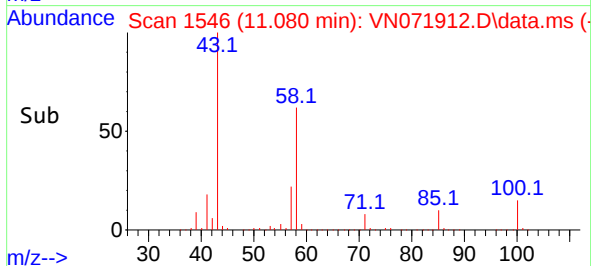
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBSD01



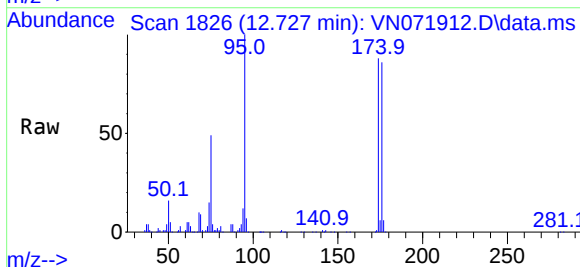
Tgt Ion: 43 Resp: 566819
Ion Ratio Lower Upper
43 100
58 61.7 42.2 63.2
57 21.3 15.0 22.4

Manual Integrations
APPROVED

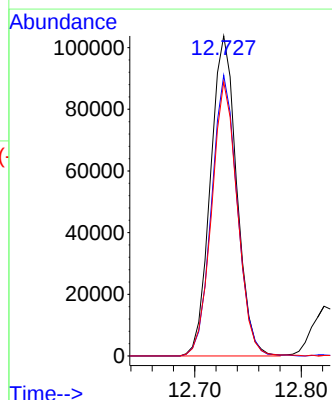
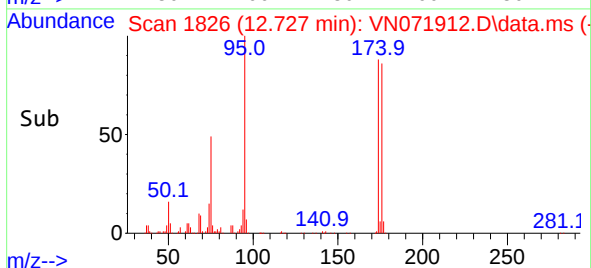
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

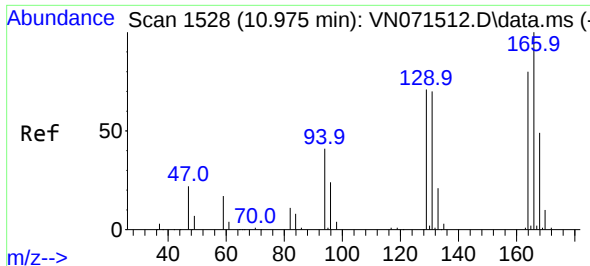


#60
4-Bromofluorobenzene
Concen: 28.909 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07



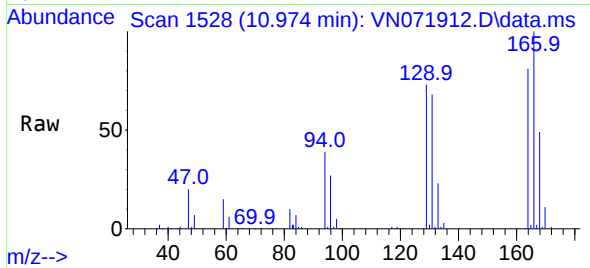
Tgt Ion: 95 Resp: 177077
Ion Ratio Lower Upper
95 100
174 85.9 62.9 94.3
176 83.9 61.0 91.4





#61
Tetrachloroethene
Concen: 22.975 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07

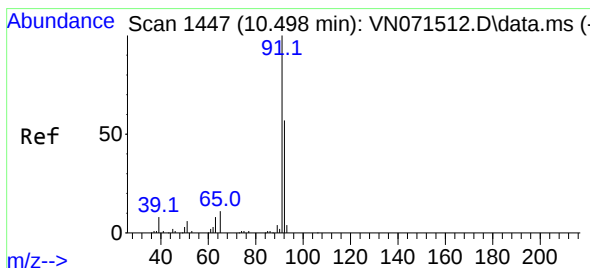
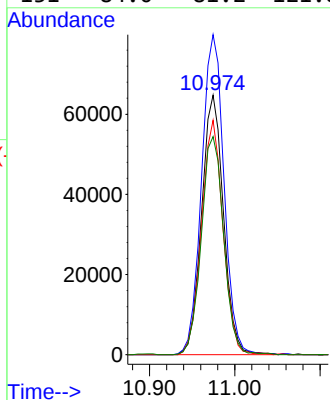
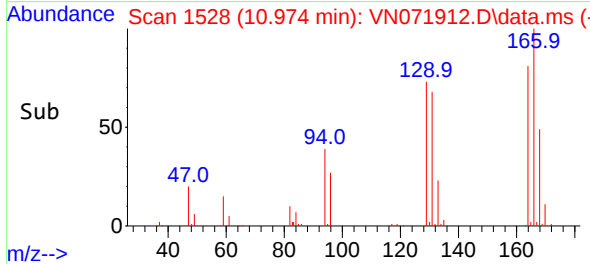
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBSD01



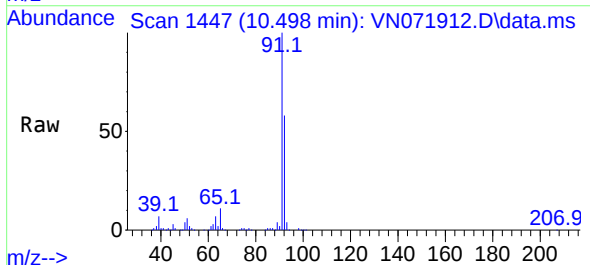
Tgt Ion:164 Resp: 115509
Ion Ratio Lower Upper
164 100
166 123.3 105.8 158.8
129 90.3 82.5 123.7
131 84.0 81.2 121.8

Manual Integrations
APPROVED

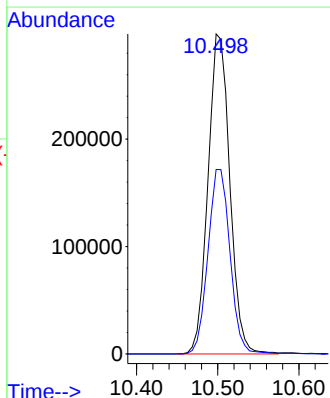
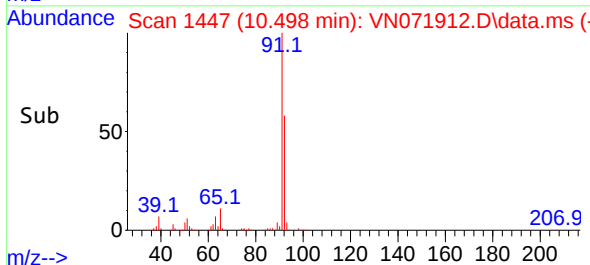
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

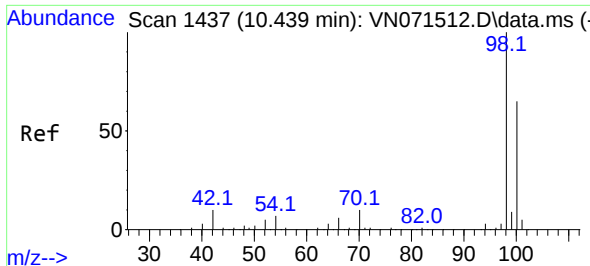


#62
Toluene
Concen: 22.210 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07



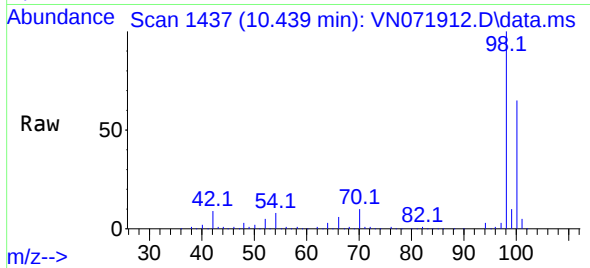
Tgt Ion: 91 Resp: 556348
Ion Ratio Lower Upper
91 100
92 58.3 44.6 67.0





#63
Toluene-d8
Concen: 29.521 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07

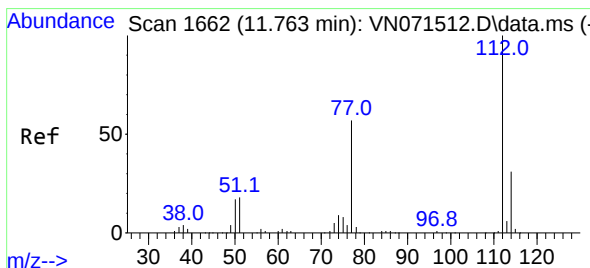
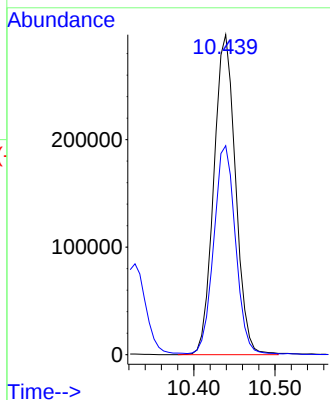
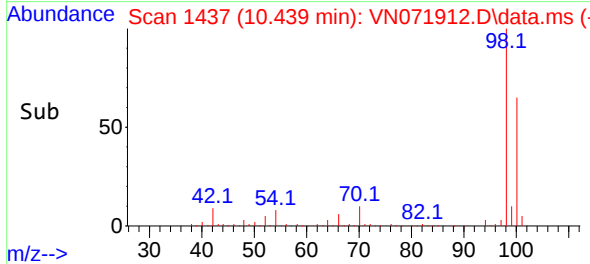
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBSD01



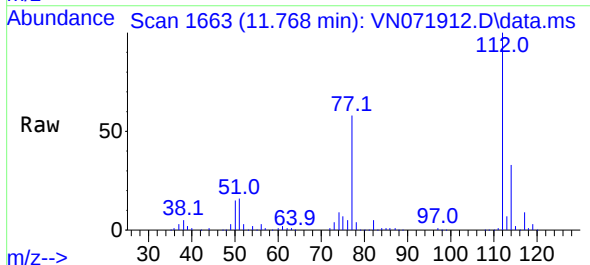
Tgt Ion: 98 Resp: 553590
Ion Ratio Lower Upper
98 100
100 65.7 50.6 76.0

Manual Integrations
APPROVED

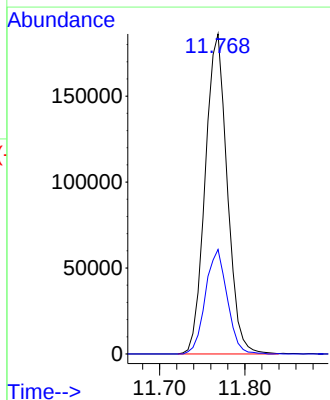
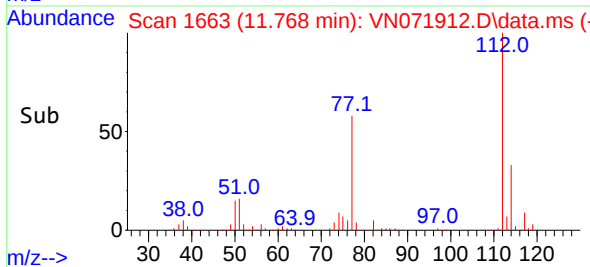
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

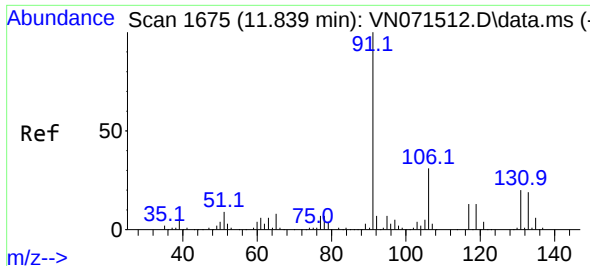


#64
Chlorobenzene
Concen: 21.626 ug/l
RT: 11.768 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07



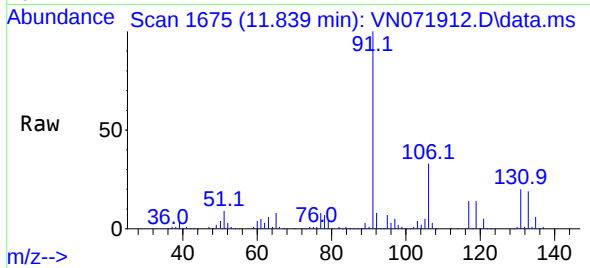
Tgt Ion:112 Resp: 334132
Ion Ratio Lower Upper
112 100
114 32.7 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 21.712 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07

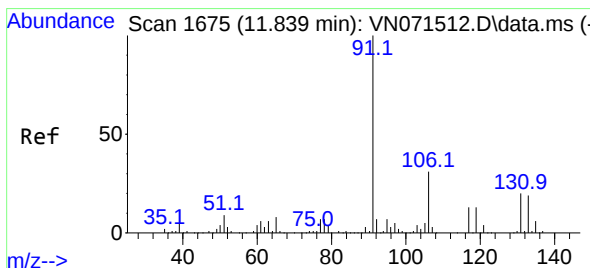
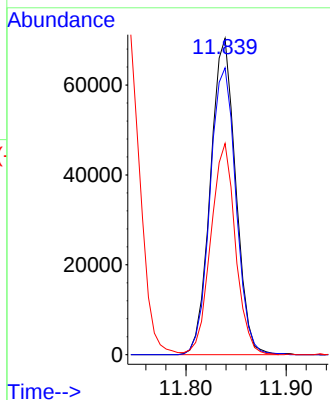
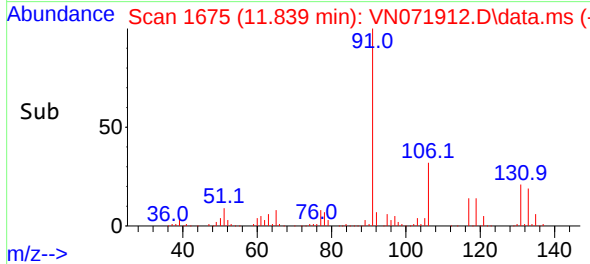
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBSD01



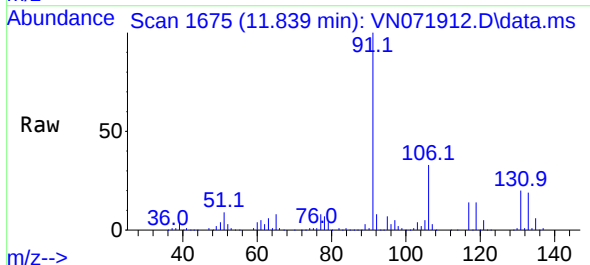
Tgt Ion:131 Resp: 123068
Ion Ratio Lower Upper
131 100
133 93.3 0.0 191.2
119 65.1 0.0 128.8

Manual Integrations
APPROVED

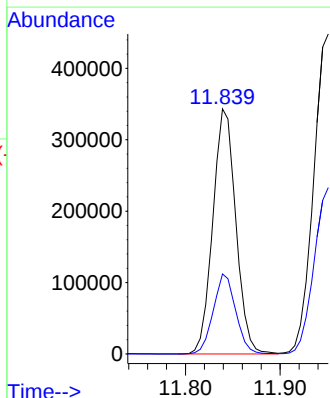
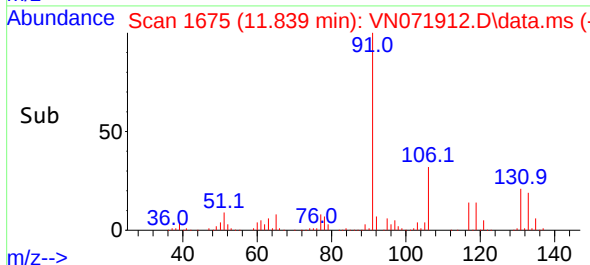
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

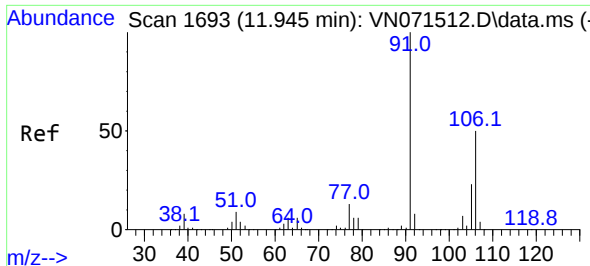


#66
Ethyl Benzene
Concen: 21.312 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07



Tgt Ion: 91 Resp: 580125
Ion Ratio Lower Upper
91 100
106 32.6 24.0 36.0





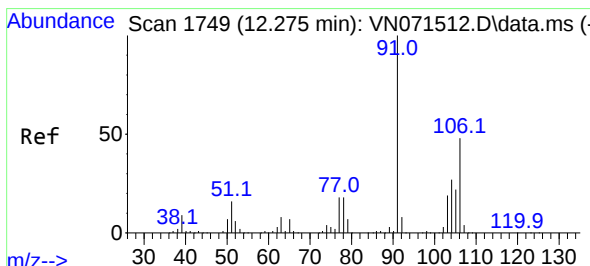
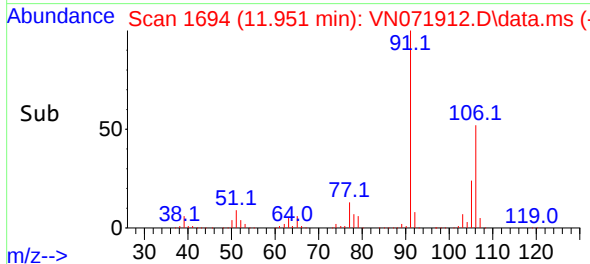
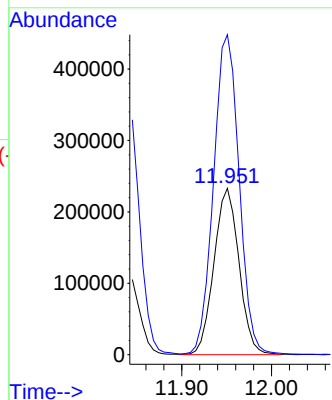
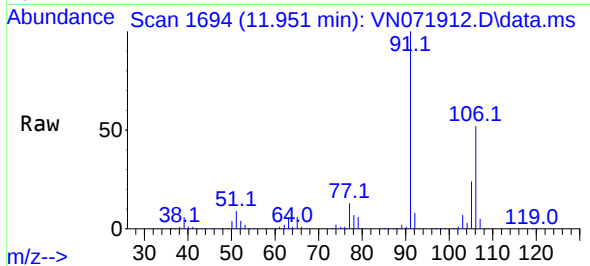
#67
m/p-Xylenes
Concen: 42.652 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07

Instrument :
MSVOA_N
ClientSampleId :
VN0408WBSD01

Tgt Ion:106 Resp: 451672
Ion Ratio Lower Upper
106 100
91 195.9 162.9 244.3

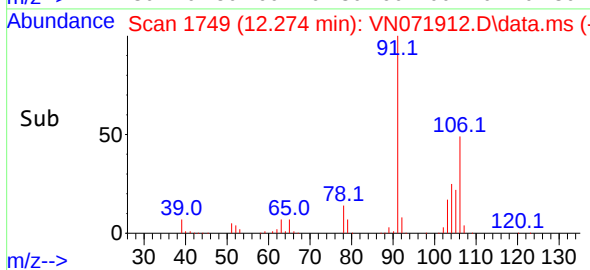
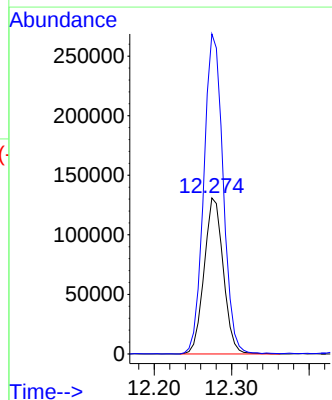
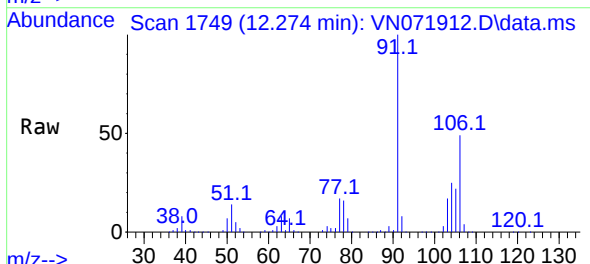
Manual Integrations
APPROVED

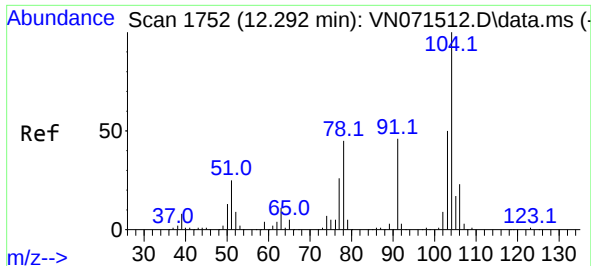
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#68
o-Xylene
Concen: 21.346 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07

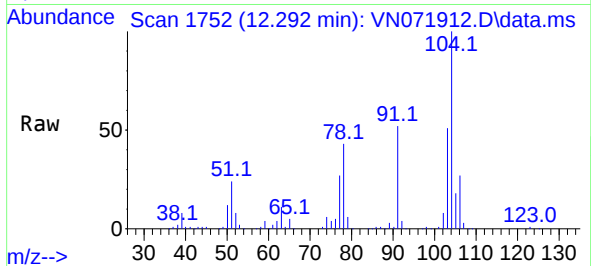
Tgt Ion:106 Resp: 224678
Ion Ratio Lower Upper
106 100
91 206.7 107.7 323.1





#69
Styrene
Concen: 20.934 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07

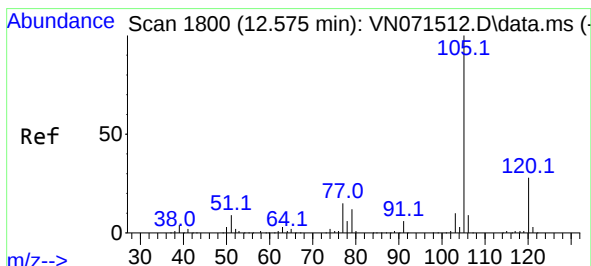
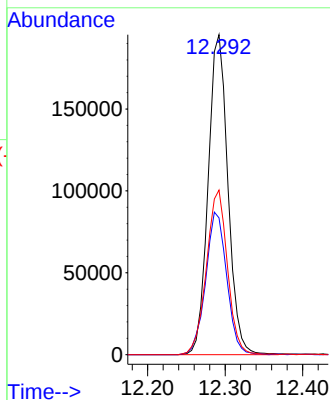
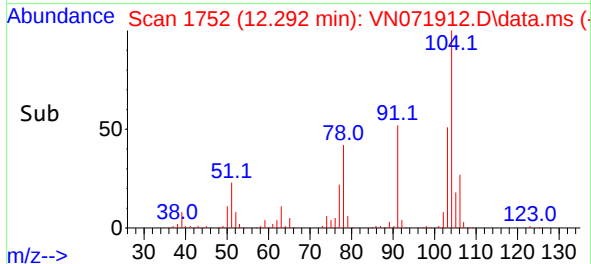
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBSD01



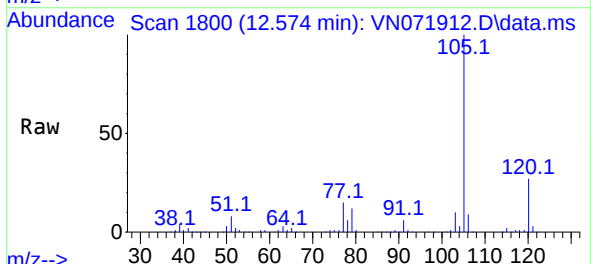
Tgt Ion:104 Resp: 346770
Ion Ratio Lower Upper
104 100
78 47.5 40.7 61.1
103 54.6 45.8 68.8

Manual Integrations
APPROVED

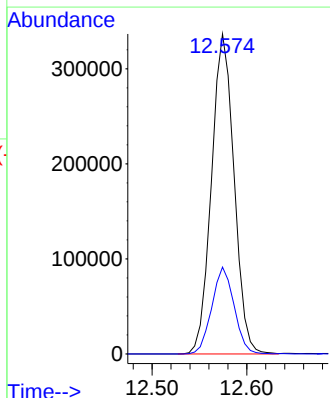
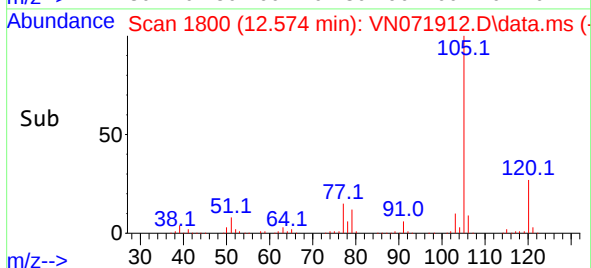
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

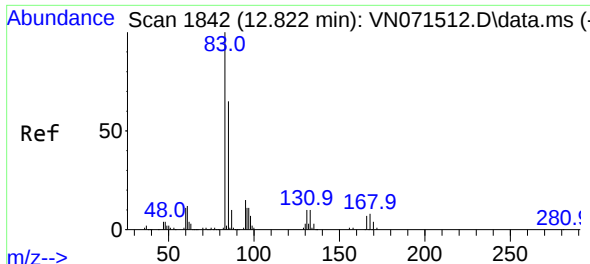


#70
Isopropylbenzene
Concen: 21.138 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07



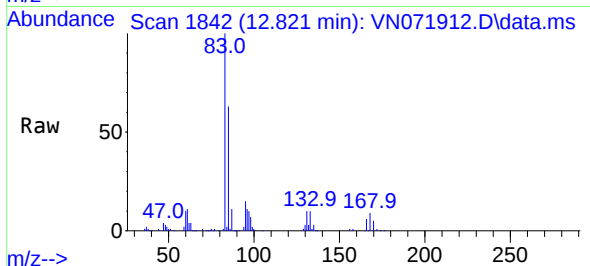
Tgt Ion:105 Resp: 558421
Ion Ratio Lower Upper
105 100
120 26.7 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 21.258 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07

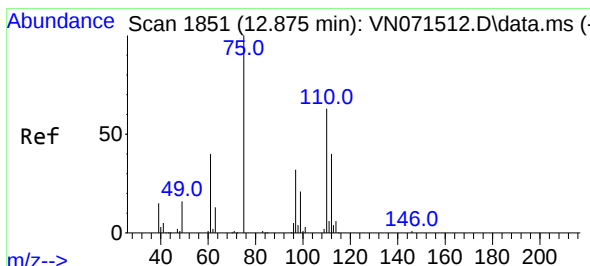
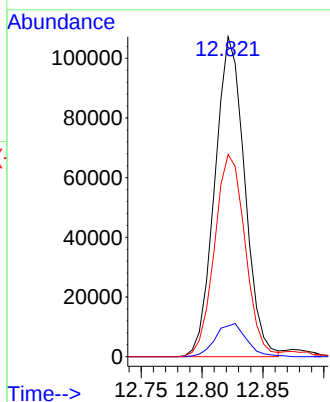
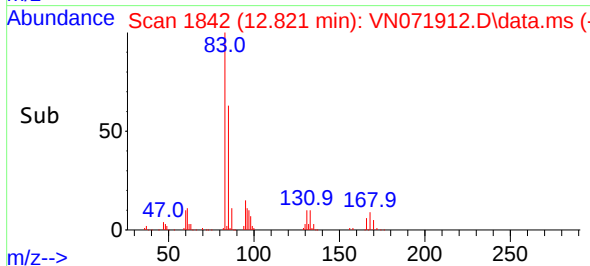
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBSD01



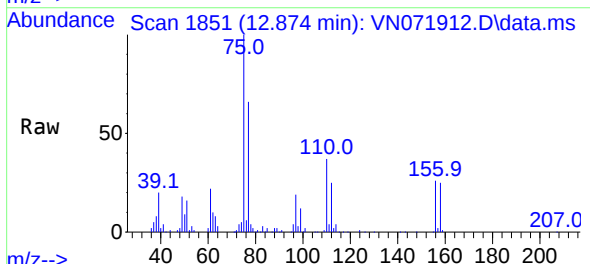
Tgt Ion: 83 Resp: 182775
Ion Ratio Lower Upper
83 100
131 10.8 5.1 15.3
85 65.0 33.1 99.2

Manual Integrations
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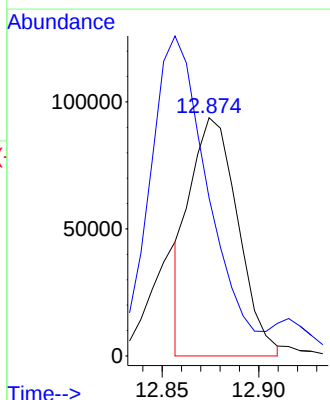
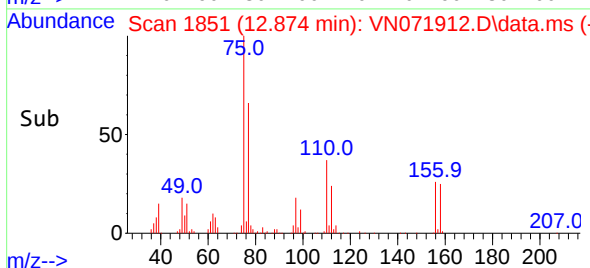
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

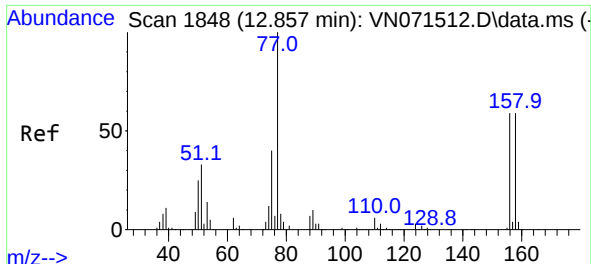


#72
1,2,3-Trichloropropane
Concen: 21.962 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07



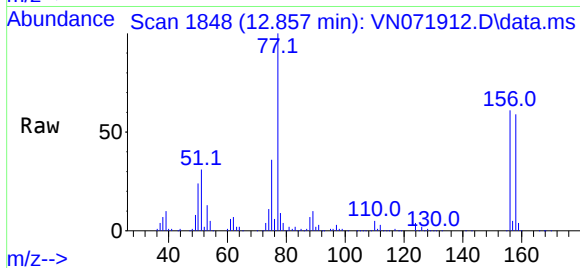
Tgt Ion: 75 Resp: 162226
Ion Ratio Lower Upper
75 100
77 163.9 0.0 378.0





#73
Bromobenzene
Concen: 20.719 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07

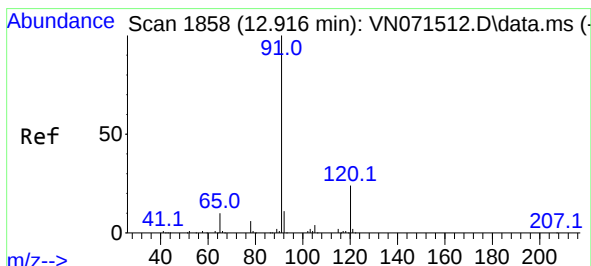
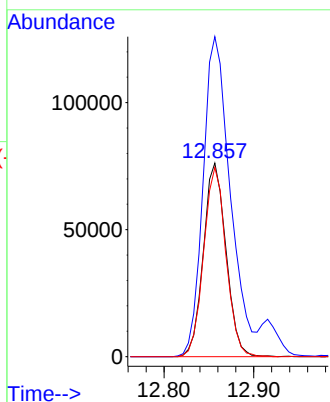
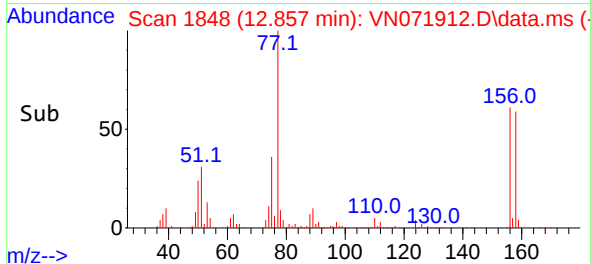
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBSD01



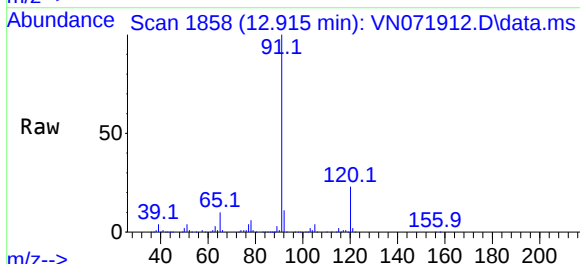
Tgt Ion:156 Resp: 133528
Ion Ratio Lower Upper
156 100
77 199.1 0.0 416.0
158 96.4 0.0 195.4

Manual Integrations
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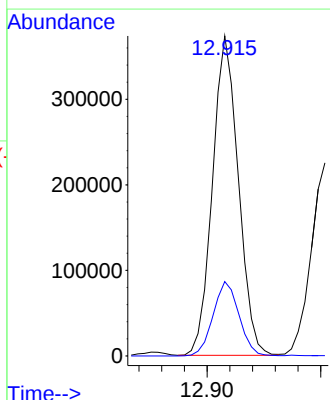
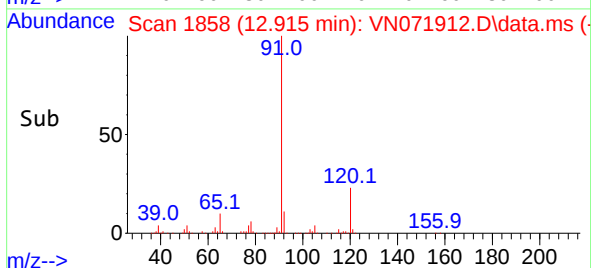
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

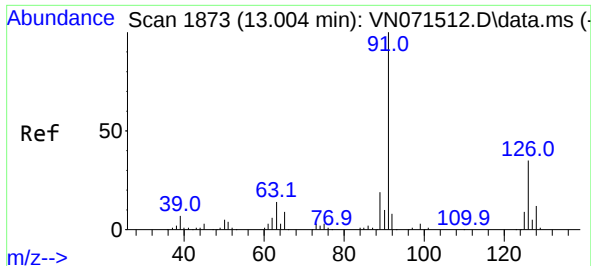


#74
n-propylbenzene
Concen: 20.455 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07



Tgt Ion: 91 Resp: 589781
Ion Ratio Lower Upper
91 100
120 23.3 0.0 45.0





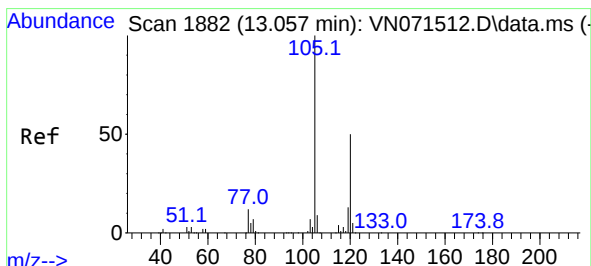
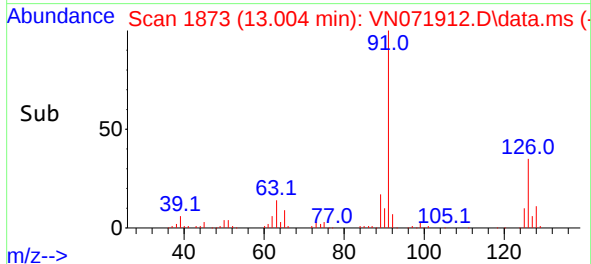
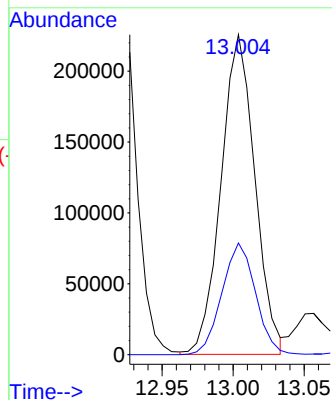
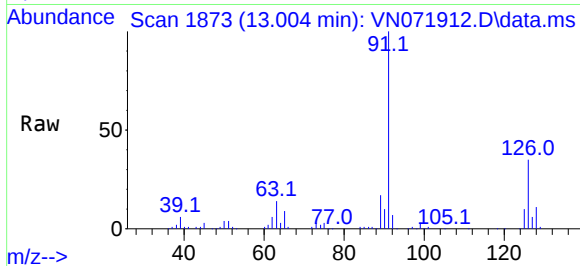
#75
2-Chlorotoluene
Concen: 20.782 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07

Instrument :
MSVOA_N
ClientSampleId :
VN0408WBSD01

Tgt Ion: 91 Resp: 374454
Ion Ratio Lower Upper
91 100
126 34.7 0.0 69.8

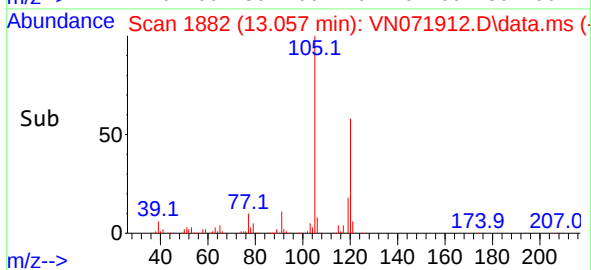
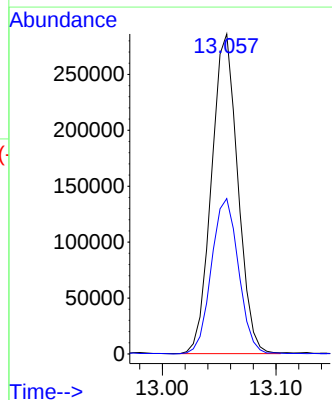
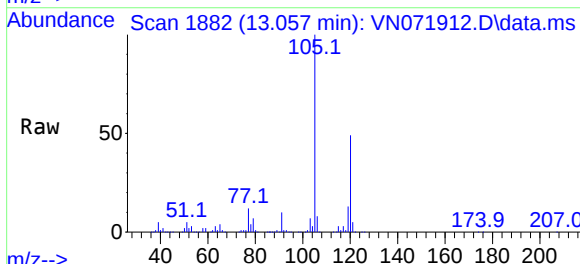
Manual Integrations
APPROVED

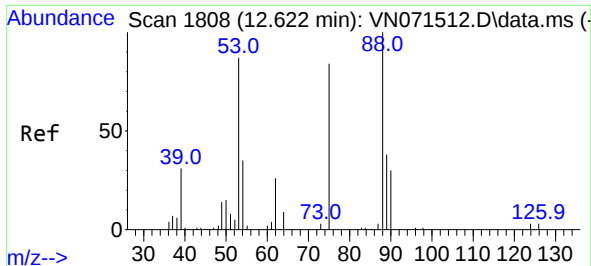
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#76
1,3,5-Trimethylbenzene
Concen: 21.688 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07

Tgt Ion:105 Resp: 459660
Ion Ratio Lower Upper
105 100
120 50.1 0.0 93.8





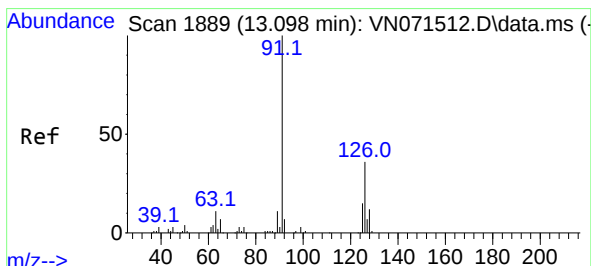
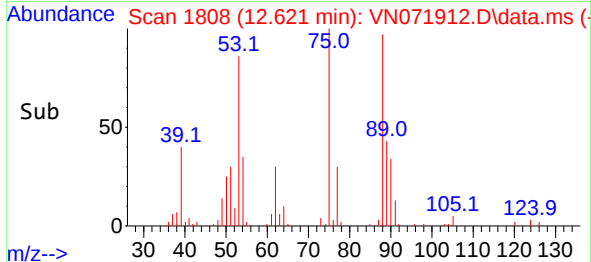
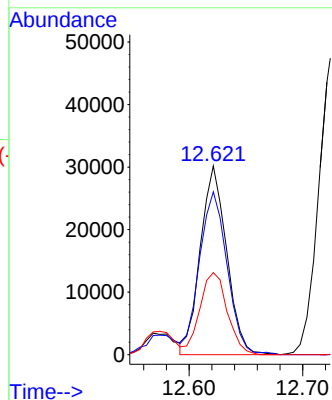
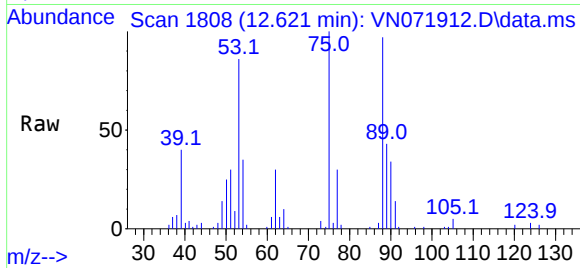
#77
t-1,4-Dichloro-2-butene
Concen: 18.782 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07

Instrument :
MSVOA_N
ClientSampleId :
VN0408WBSD01

Tgt Ion: 75 Resp: 4871
Ion Ratio Lower Upper
75 100
53 86.3 51.8 155.5
89 43.5 22.9 68.7

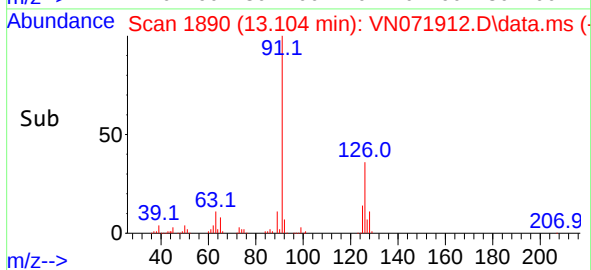
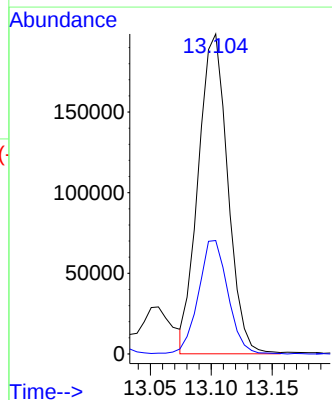
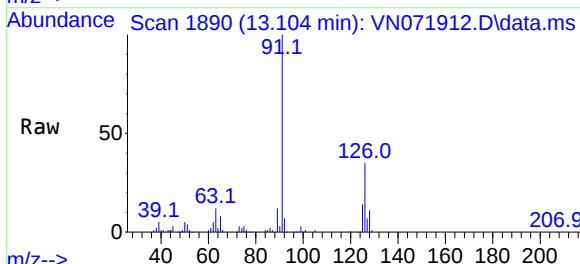
Manual Integrations
APPROVED

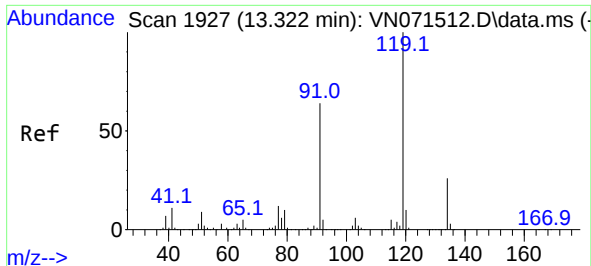
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#78
4-Chlorotoluene
Concen: 19.837 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.006 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07

Tgt Ion: 91 Resp: 333803
Ion Ratio Lower Upper
91 100
126 35.5 0.0 70.6





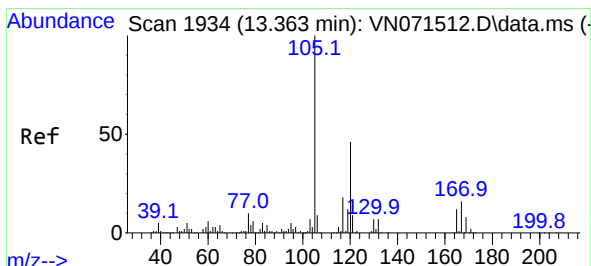
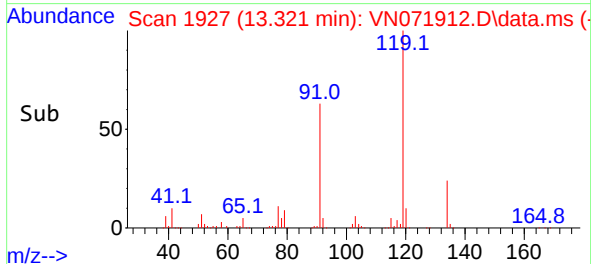
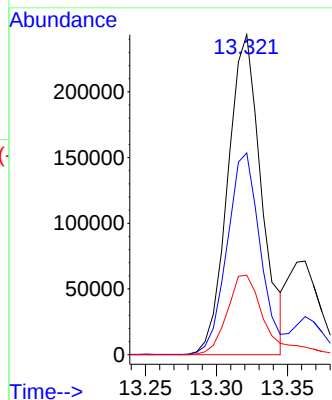
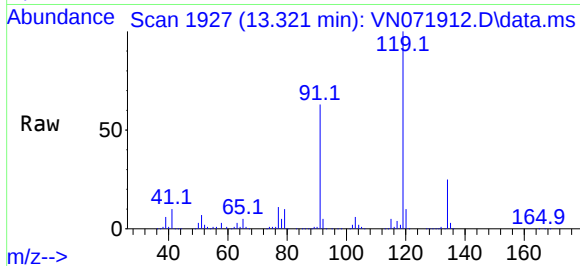
#79
tert-butylbenzene
Concen: 21.004 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07

Instrument :
MSVOA_N
ClientSampleId :
VN0408WBSD01

Tgt Ion:119 Resp: 401710
Ion Ratio Lower Upper
119 100
91 61.6 0.0 137.0
134 27.8 0.0 47.6

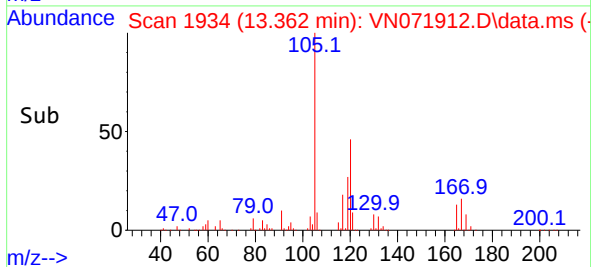
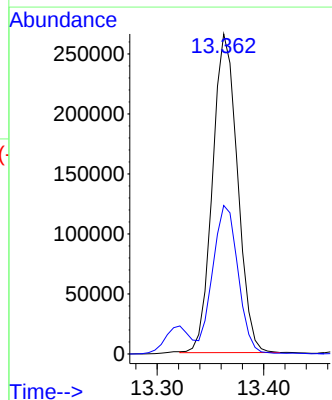
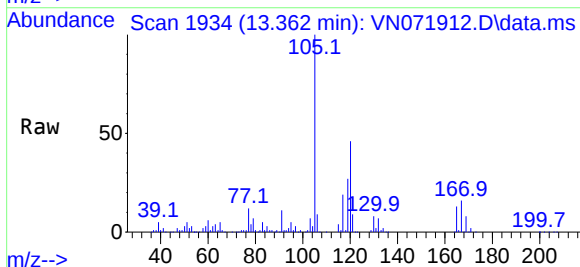
Manual Integrations
APPROVED

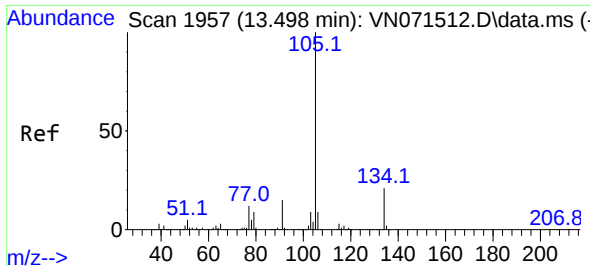
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#80
1,2,4-Trimethylbenzene
Concen: 21.033 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07

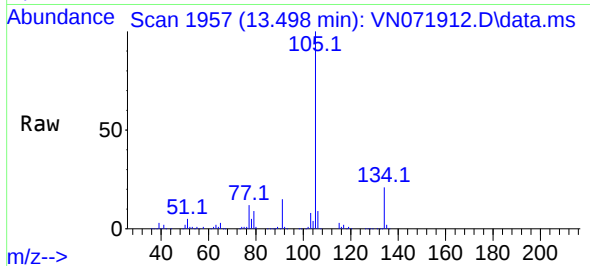
Tgt Ion:105 Resp: 432524
Ion Ratio Lower Upper
105 100
120 46.6 0.0 0.2#





#81
 sec-Butylbenzene
 Concen: 20.488 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN071912.D
 Acq: 08 Apr 2022 14:07

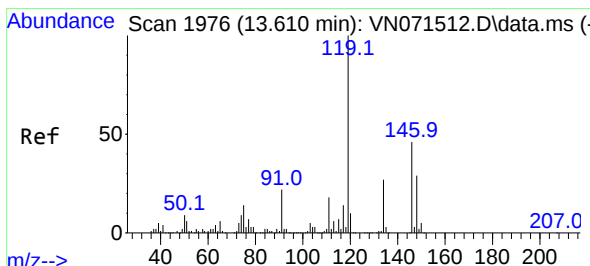
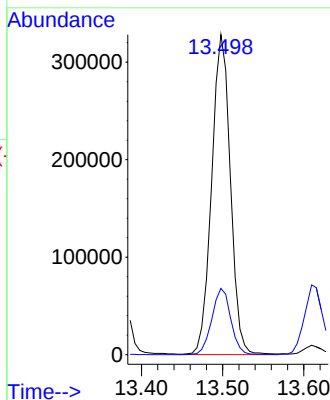
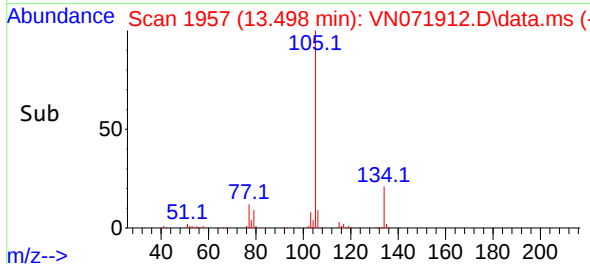
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0408WBSD01



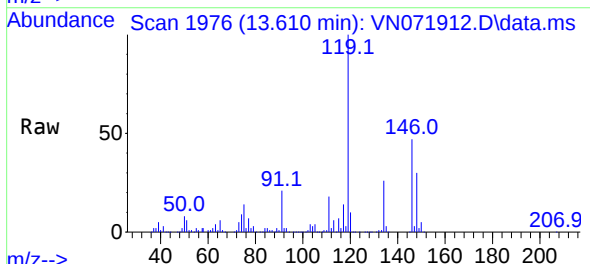
Tgt Ion:105 Resp: 526489
 Ion Ratio Lower Upper
 105 100
 134 21.0 0.0 39.4

Manual Integrations
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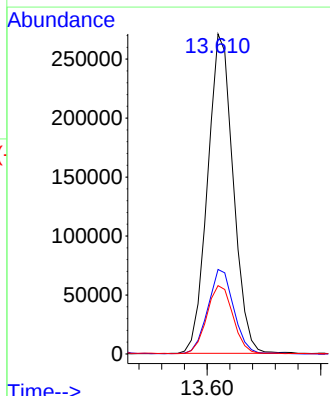
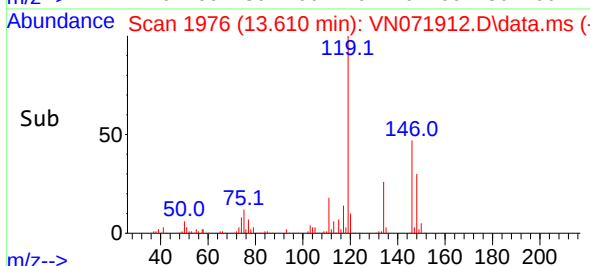
Reviewed By :John Carlone 04/11/2022
 Supervised By :Mahesh Dadoda 04/11/2022

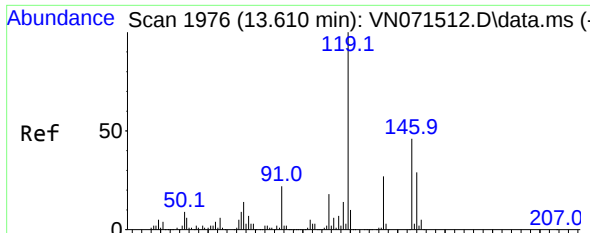


#82
 p-Isopropyltoluene
 Concen: 20.292 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071912.D
 Acq: 08 Apr 2022 14:07



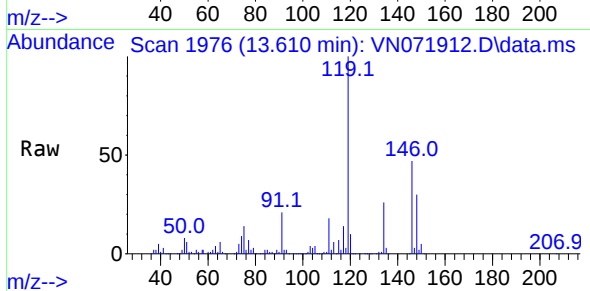
Tgt Ion:119 Resp: 423675
 Ion Ratio Lower Upper
 119 100
 134 26.6 0.0 51.8
 91 21.8 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 20.262 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07

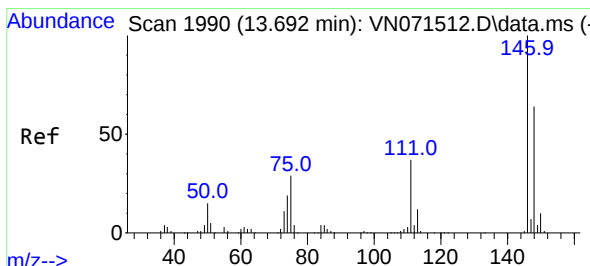
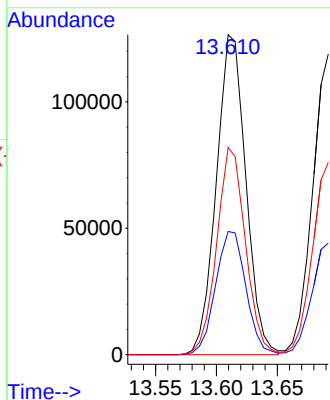
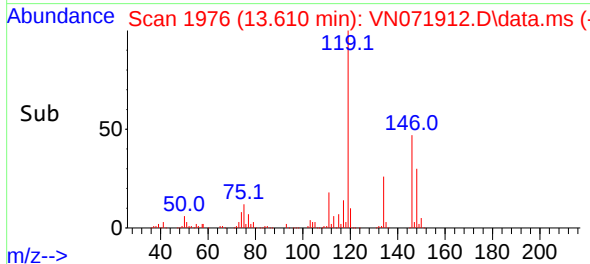
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBSD01



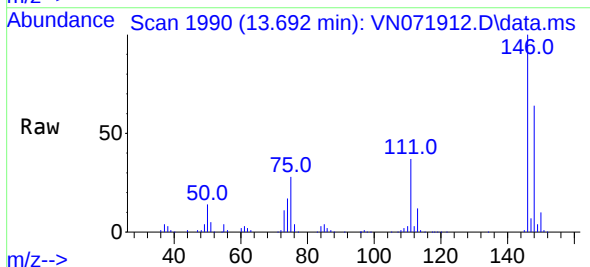
Tgt Ion:146 Resp: 213672
Ion Ratio Lower Upper
146 100
111 39.5 20.8 62.2
148 63.0 31.4 94.3

Manual Integrations
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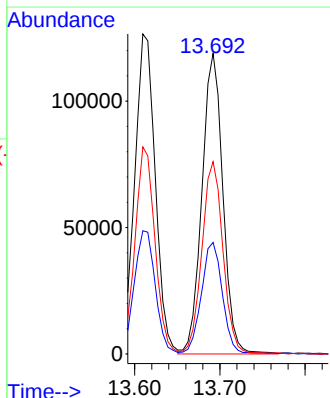
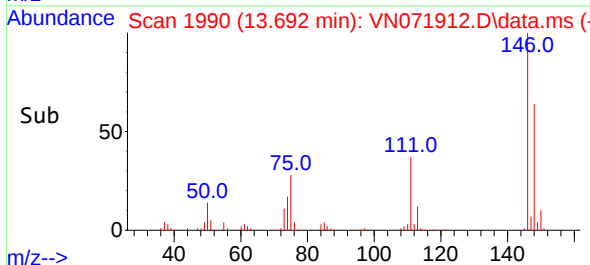
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

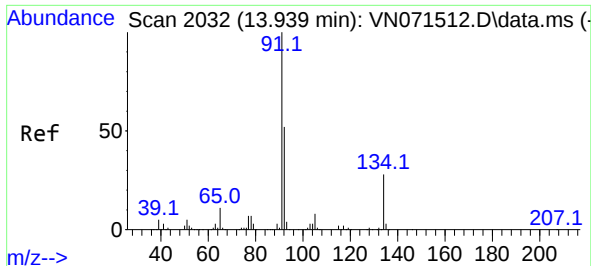


#84
1,4-Dichlorobenzene
Concen: 20.187 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07



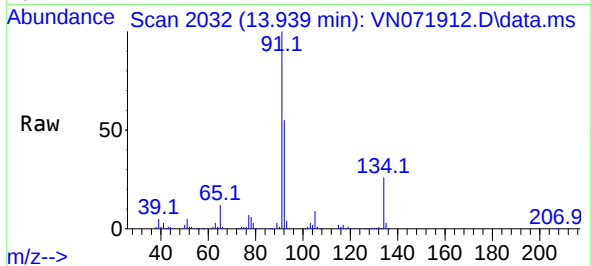
Tgt Ion:146 Resp: 203184
Ion Ratio Lower Upper
146 100
111 36.1 19.5 58.5
148 64.3 31.1 93.5





#85
n-Butylbenzene
Concen: 18.431 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07

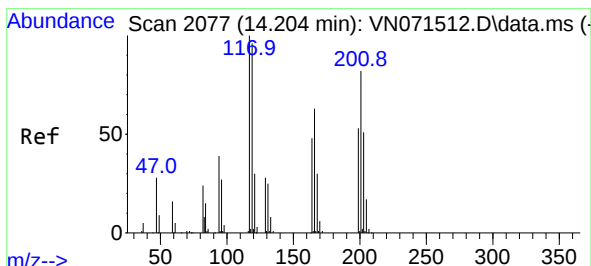
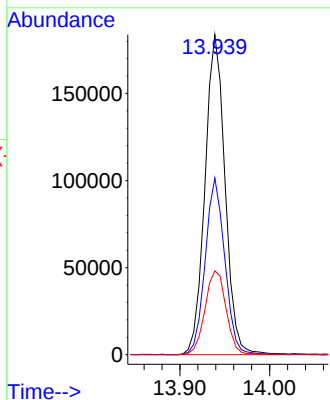
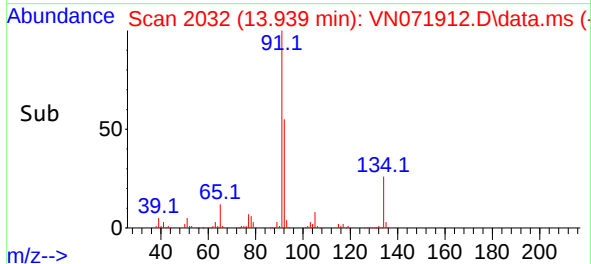
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBSD01



Tgt Ion: 91 Resp: 285838
Ion Ratio Lower Upper
91 100
92 53.8 0.0 100.6
134 27.5 0.0 50.2

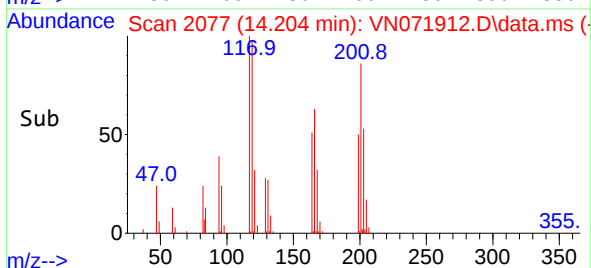
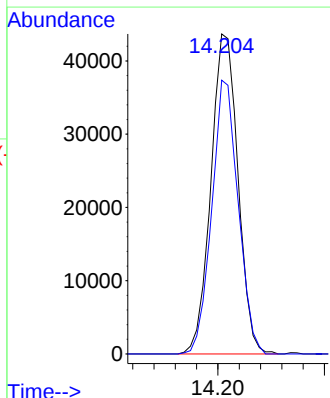
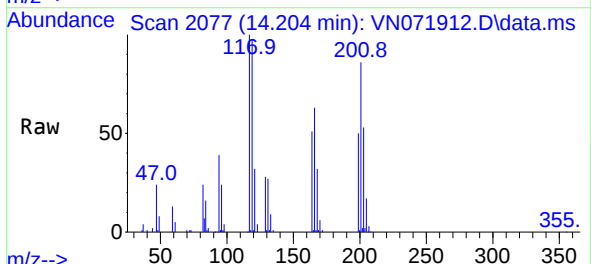
Manual Integrations
APPROVED

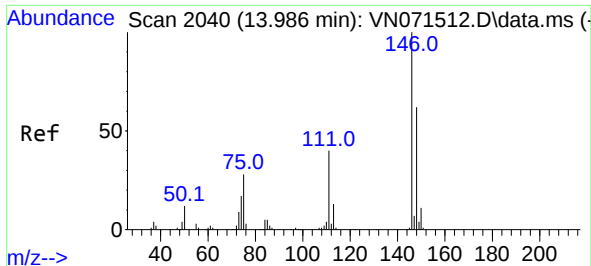
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#86
Hexachloroethane
Concen: 19.756 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07

Tgt Ion:117 Resp: 77028
Ion Ratio Lower Upper
117 100
201 83.4 33.3 99.8





#87

1,2-Dichlorobenzene

Concen: 21.015 ug/l

RT: 13.986 min Scan# 2040

Delta R.T. -0.000 min

Lab File: VN071912.D

Acq: 08 Apr 2022 14:07

Instrument :

MSVOA_N

ClientSampleId :

VN0408WBSD01

Tgt Ion:146 Resp: 214240

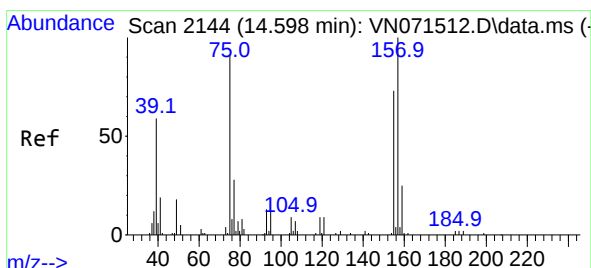
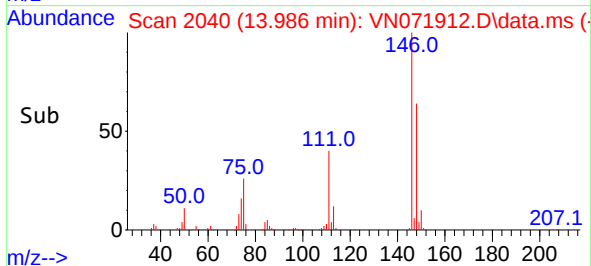
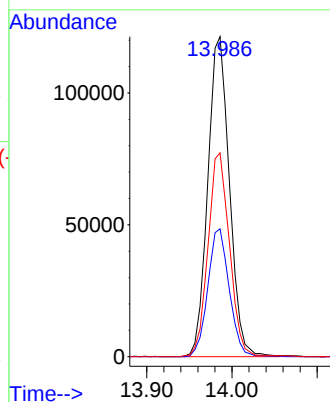
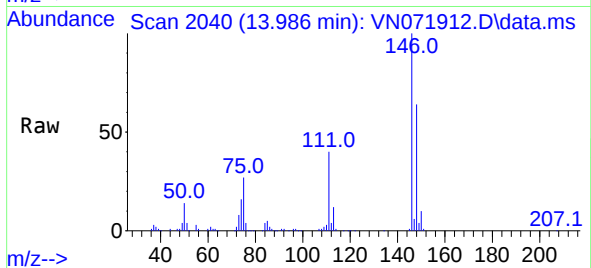
Ion	Ratio	Lower	Upper
146	100		
111	39.6	21.4	64.2
148	63.1	32.5	97.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/11/2022

Supervised By :Mahesh Dadoda 04/11/2022



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.629 ug/l

RT: 14.598 min Scan# 2144

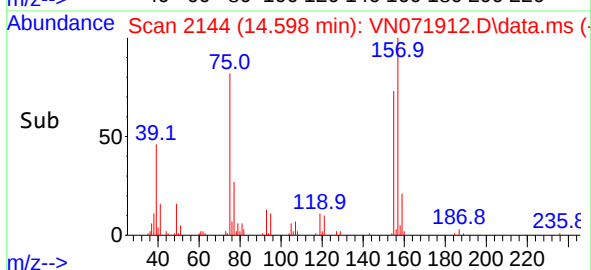
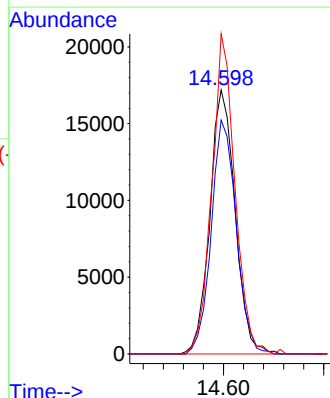
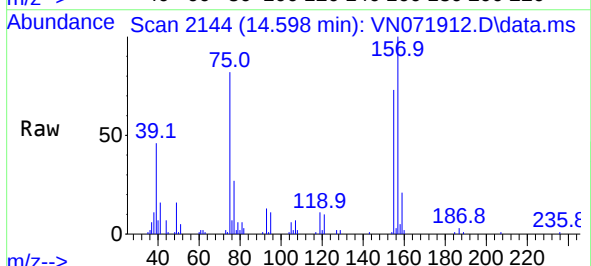
Delta R.T. -0.000 min

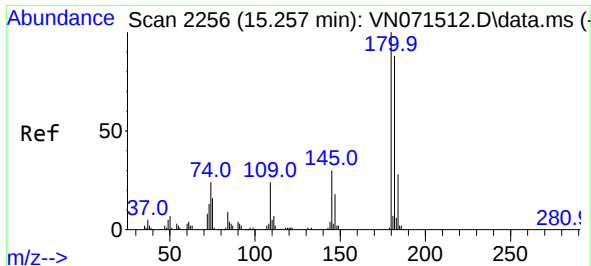
Lab File: VN071912.D

Acq: 08 Apr 2022 14:07

Tgt Ion: 75 Resp: 30028

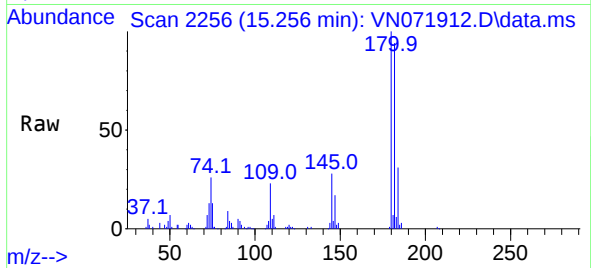
Ion	Ratio	Lower	Upper
75	100		
155	87.3	63.8	95.8
157	110.7	77.9	116.9





#89
1,2,4-Trichlorobenzene
Concen: 20.347 ug/l
RT: 15.256 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07

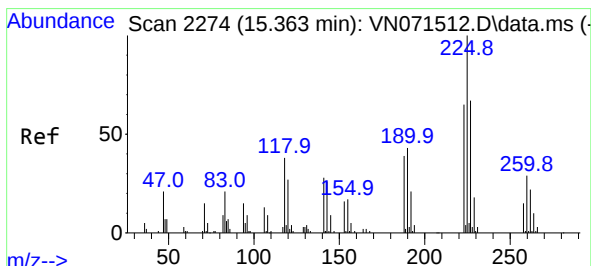
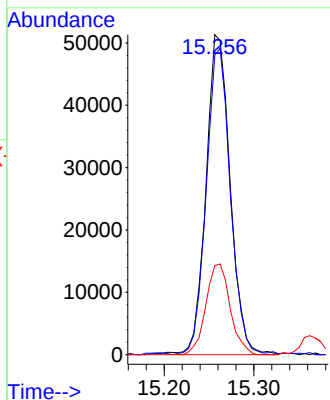
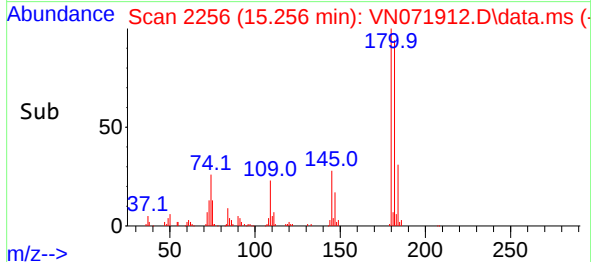
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBSD01



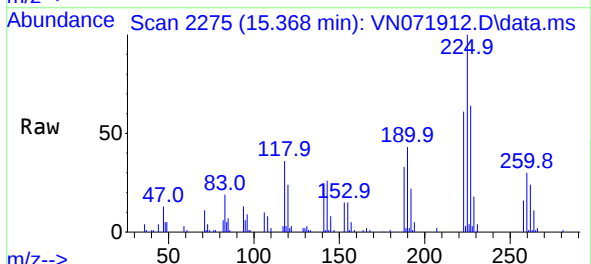
Tgt Ion:180 Resp: 9588
Ion Ratio Lower Upper
180 100
182 95.1 77.7 116.5
145 28.5 26.6 39.8

Manual Integrations
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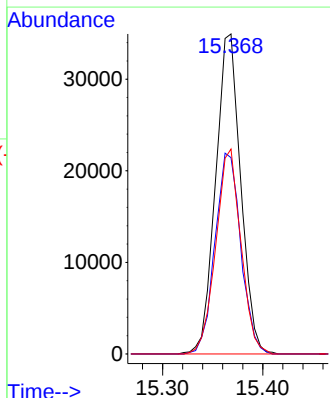
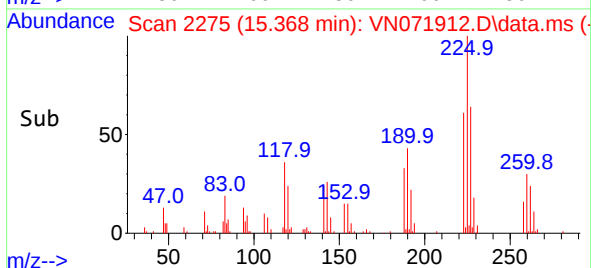
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

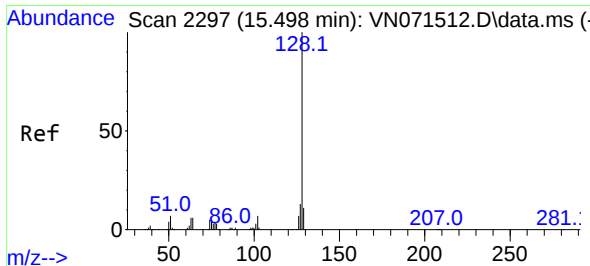


#90
Hexachlorobutadiene
Concen: 21.737 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.006 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07



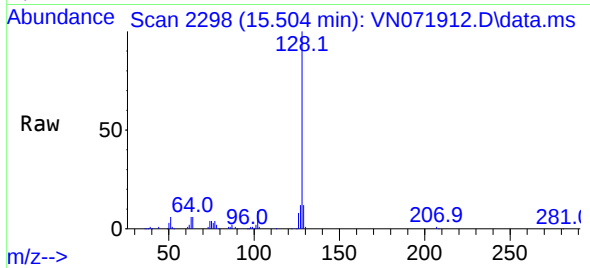
Tgt Ion:225 Resp: 60703
Ion Ratio Lower Upper
225 100
223 64.5 0.0 126.8
227 63.9 0.0 123.0





#91
Naphthalene
Concen: 20.434 ug/l
RT: 15.504 min Scan# 2297
Delta R.T. 0.006 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07

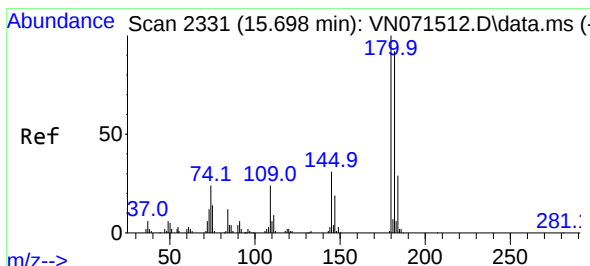
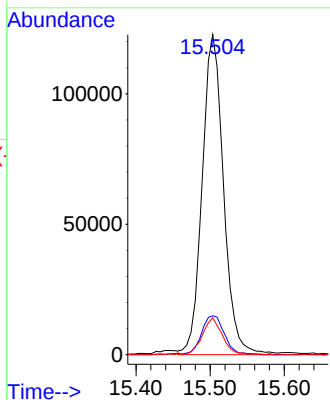
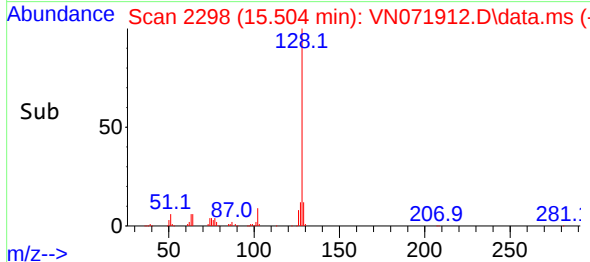
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBSD01



Tgt Ion:128 Resp: 24604
Ion Ratio Lower Upper
128 100
127 12.9 10.7 16.1
129 10.7 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#92
1,2,3-Trichlorobenzene
Concen: 20.963 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VN071912.D
Acq: 08 Apr 2022 14:07

Tgt Ion:180 Resp: 96892
Ion Ratio Lower Upper
180 100
182 93.9 0.0 190.0
145 29.6 0.0 67.8

