

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032422\
 Data File : VN071522.D
 Acq On : 24 Mar 2022 15:48
 Operator : JC\MD
 Sample : VN0324WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0324WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/25/2022
 Supervised By : Mahesh Dadoda 03/25/2022

Quant Time: Mar 24 16:11:11 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	113854	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	613135	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	552804	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	238012	29.671	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.900%
60) 4-Bromofluorobenzene	12.727	95	244141	29.785	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	99.300%
63) Toluene-d8	10.439	98	766545	30.547	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.833%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	127424	17.981	ug/l	98
3) Chloromethane	2.298	50	150063	17.966	ug/l	97
4) Vinyl Chloride	2.440	62	165856	17.315	ug/l	97
5) Bromomethane	2.851	94	116117	20.572	ug/l	96
6) Chloroethane	3.016	64	108489	17.687	ug/l	100
7) Trichlorofluoromethane	3.375	101	194864	17.449	ug/l	94
8) Diethyl Ether	3.822	74	84625	18.034	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.216	101	122226	18.275	ug/l #	66
10) 1,1-Dichloroethene	4.181	96	115176	17.461	ug/l	96
11) Methyl Iodide	4.422	142	167706	17.351	ug/l	90
12) Methyl Acetate	4.851	43	164450	17.691	ug/l	95
13) Acrolein	4.040	56	84859	85.807	ug/l	97
14) Acrylonitrile	5.545	53	381445	90.601	ug/l	89
15) Acetone	4.281	58	96869	79.951	ug/l	100
16) Carbon Disulfide	4.534	76	288752	16.813	ug/l	99
17) Allyl chloride	4.839	41	183543	17.156	ug/l	87
18) Methylene Chloride	5.092	84	141961	17.940	ug/l	97
19) trans-1,2-Dichloroethene	5.598	96	126194	17.887	ug/l	97
20) Diisopropyl ether	6.486	45	410418	18.334	ug/l	97
21) 1,1-Dichloroethane	6.386	63	240150	17.769	ug/l	97
22) cis-1,2-Dichloroethene	7.322	96	152426	17.783	ug/l	97
23) tert-Butyl Alcohol	5.357	59	129233	86.023	ug/l #	100
24) Methyl tert-Butyl Ether	5.610	73	431154	18.111	ug/l	94
25) Chloroform	7.810	83	249211	18.334	ug/l	98
26) Cyclohexane	8.092	56	206373	17.666	ug/l #	99
29) 1,1-Dichloropropene	8.216	75	177066	17.842	ug/l	99
30) 2-Butanone	7.328	43	486762	88.114	ug/l	98
31) 2,2-Dichloropropane	7.322	77	196135	17.349	ug/l #	78
32) 1,1,1-Trichloroethane	8.010	97	208142	18.008	ug/l	99
33) Carbon Tetrachloride	8.204	117	173962	17.780	ug/l	99
34) Benzene	8.457	78	558862	18.125	ug/l	97
35) Methacrylonitrile	7.633	41	104416	19.700	ug/l	96
36) 1,2-Dichloroethane	8.522	62	201004	18.687	ug/l	96
37) Trichloroethene	9.210	130	140586	17.670	ug/l	100
38) Methylcyclohexane	9.457	83	225398	18.019	ug/l	98
39) 1,2-Dichloropropane	9.486	63	142950	18.531	ug/l	95
40) Dibromomethane	9.574	93	97081	18.592	ug/l	86
41) Bromodichloromethane	9.757	83	188039	17.996	ug/l	96
42) Vinyl Acetate	6.428	43	1746883	92.290	ug/l	96

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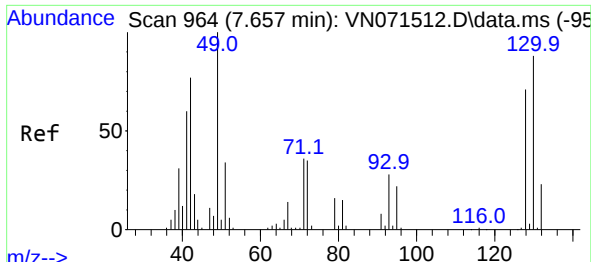
Manual Integrations
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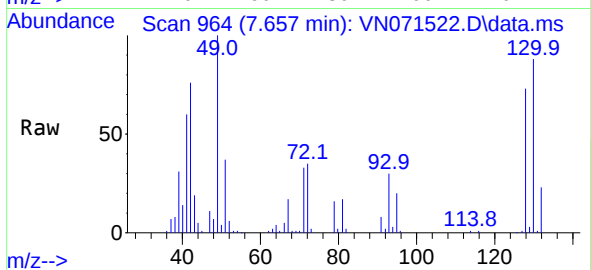
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.404	43	195729	18.272	ug/l	97
44) Isopropyl Acetate	8.557	43	309433	18.011	ug/l	96
45) 1,4-Dioxane	9.563	88	60644	349.854	ug/l	95
46) Methyl methacrylate	9.557	41	133735	17.751	ug/l	82
47) n-amyl Acetate	12.386	43	201285	17.557	ug/l	92
48) t-1,3-Dichloropropene	10.716	75	200924	17.692	ug/l	98
49) cis-1,3-Dichloropropene	10.186	75	223950	18.032	ug/l #	89
50) 1,1,2-Trichloroethane	10.892	97	144536	18.516	ug/l	98
51) Ethyl methacrylate	10.757	69	220459	18.292	ug/l	85
52) 1,3-Dichloropropane	11.039	76	247816	18.590	ug/l	98
53) Dibromochloromethane	11.233	129	146021	18.071	ug/l	99
54) 1,2-Dibromoethane	11.339	107	146791	18.281	ug/l	95
55) 2-Chloroethyl vinyl ether	10.033	63	311623	95.963	ug/l	98
56) Bromoform	12.457	173	109015	17.498	ug/l #	99
58) 4-Methyl-2-Pentanone	10.327	43	966613	92.112	ug/l	93
59) 2-Hexanone	11.080	43	692671	90.407	ug/l	91
61) Tetrachloroethene	10.974	164	124194	18.460	ug/l	89
62) Toluene	10.498	91	617413	18.419	ug/l	98
64) Chlorobenzene	11.768	112	377960	18.280	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.839	131	140105	18.471	ug/l	98
66) Ethyl Benzene	11.839	91	660511	18.133	ug/l	99
67) m/p-Xylenes	11.951	106	510585	36.030	ug/l	99
68) o-Xylene	12.274	106	254647	18.079	ug/l	97
69) Styrene	12.292	104	397511	17.932	ug/l	97
70) Isopropylbenzene	12.574	105	642206	18.166	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.821	83	219286	19.059	ug/l	97
72) 1,2,3-Trichloropropane	12.874	75	191247m	19.348	ug/l	
73) Bromobenzene	12.857	156	154599	17.927	ug/l	99
74) n-propylbenzene	12.915	91	689491	17.870	ug/l	97
75) 2-Chlorotoluene	13.004	91	436693	18.112	ug/l	100
76) 1,3,5-Trimethylbenzene	13.057	105	514721	18.149	ug/l	95
77) t-1,4-Dichloro-2-butene	12.621	75	59137	17.039	ug/l	94
78) 4-Chlorotoluene	13.104	91	400145	17.770	ug/l	98
79) tert-butylbenzene	13.321	119	461994	18.052	ug/l	94
80) 1,2,4-Trimethylbenzene	13.362	105	497265m	18.070	ug/l	
81) sec-Butylbenzene	13.498	105	611272	17.776	ug/l	98
82) p-Isopropyltoluene	13.609	119	488849	17.496	ug/l	96
83) 1,3-Dichlorobenzene	13.609	146	254424	18.029	ug/l	98
84) 1,4-Dichlorobenzene	13.692	146	241948	17.963	ug/l	98
85) n-Butylbenzene	13.939	91	340476	16.406	ug/l	95
86) Hexachloroethane	14.204	117	88867	17.032	ug/l	78
87) 1,2-Dichlorobenzene	13.986	146	253693	18.595	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.598	75	36133	17.651	ug/l	86
89) 1,2,4-Trichlorobenzene	15.262	180	107954	17.118	ug/l	98
90) Hexachlorobutadiene	15.368	225	72028	19.274	ug/l	98
91) Naphthalene	15.503	128	276096	18.245	ug/l	98
92) 1,2,3-Trichlorobenzene	15.698	180	106409	17.204	ug/l	98

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 90
Delta R.T. -0.000 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48

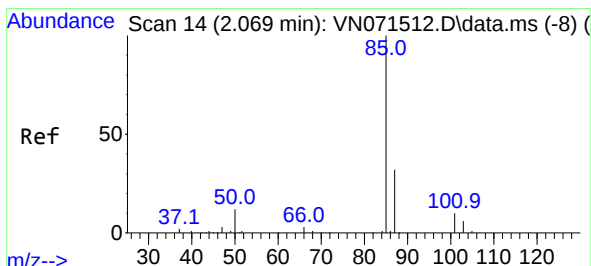
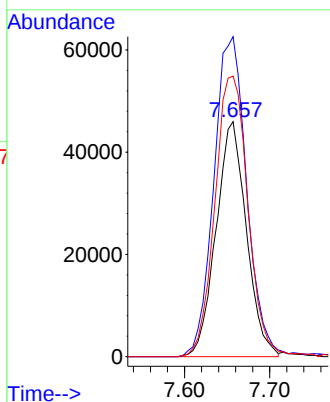
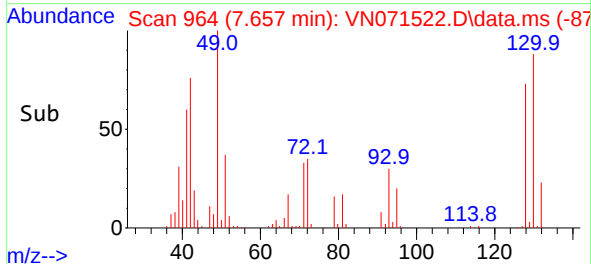
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



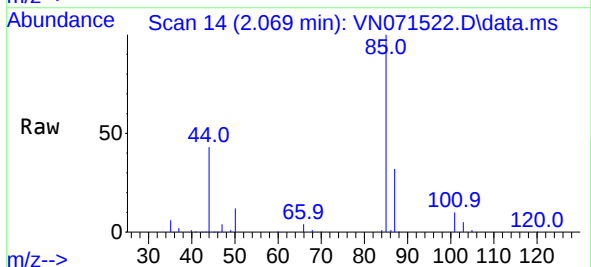
Tgt Ion:128 Resp: 113854
Ion Ratio Lower Upper
128 100
49 146.9 0.0 392.3
130 130.1 0.0 320.2

Manual Integrations
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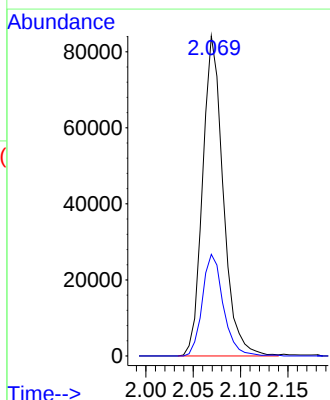
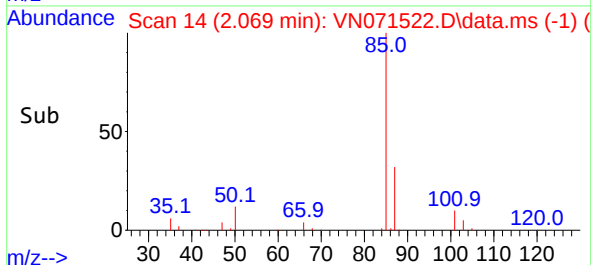
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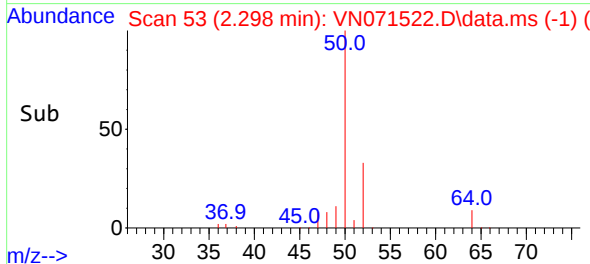
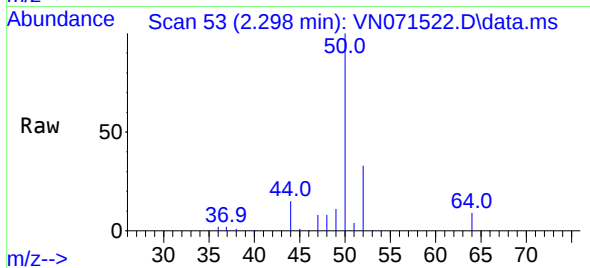
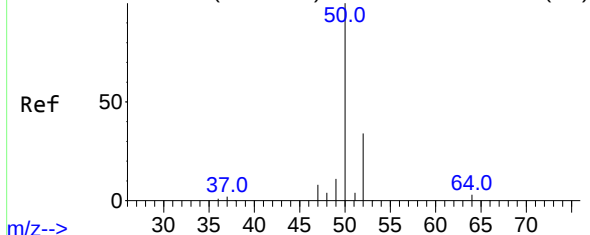
#2
Dichlorodifluoromethane
Concen: 17.981 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48



Tgt Ion: 85 Resp: 127424
Ion Ratio Lower Upper
85 100
87 31.7 16.6 49.7



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



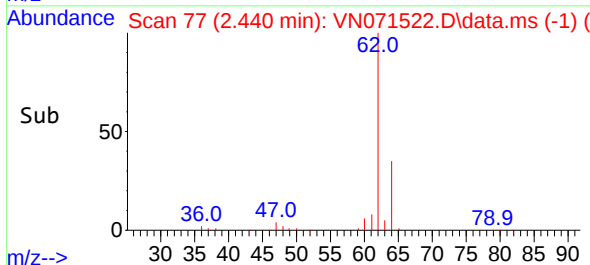
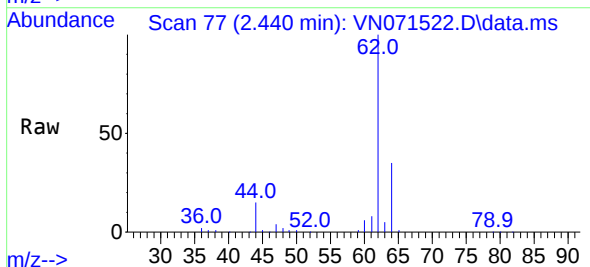
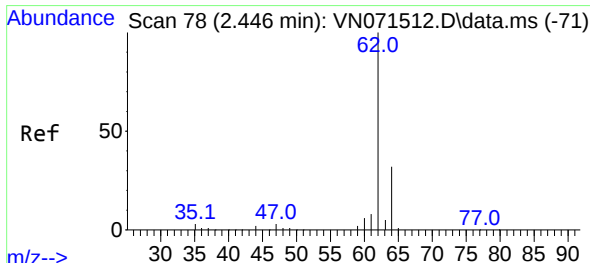
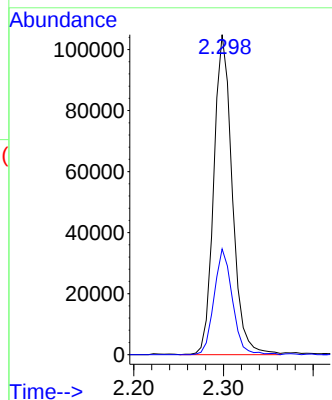
#3
Chloromethane
Concen: 17.966 ug/l
RT: 2.298 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48

Tgt Ion: 50 Resp: 150063
Ion Ratio Lower Upper
50 100
52 33.1 27.8 41.6

Instrument :
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ClientSampleId :
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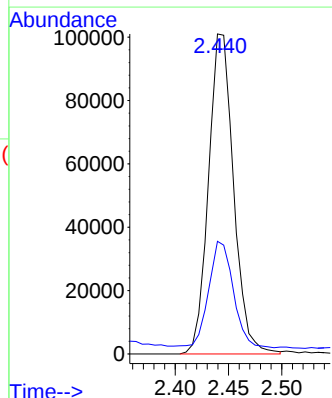
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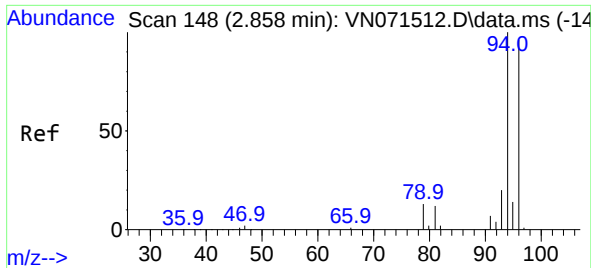
Reviewed By :John Carlone 03/25/2022
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#4
Vinyl Chloride
Concen: 17.315 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.006 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48

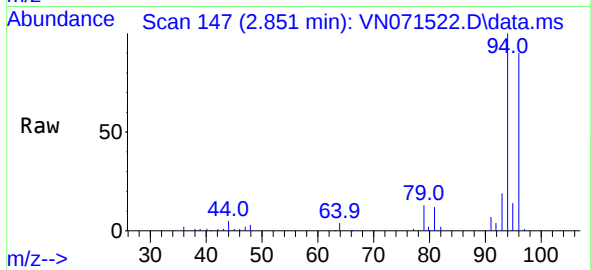
Tgt Ion: 62 Resp: 165856
Ion Ratio Lower Upper
62 100
64 33.1 25.1 37.7





#5
Bromomethane
Concen: 20.572 ug/l
RT: 2.851 min Scan# 147
Delta R.T. -0.006 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48

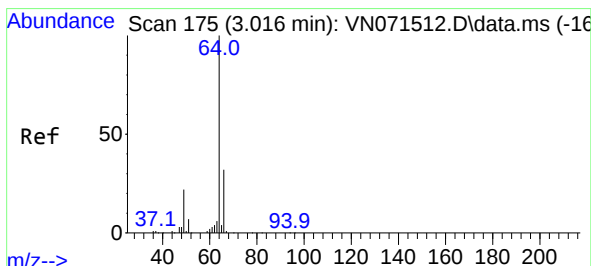
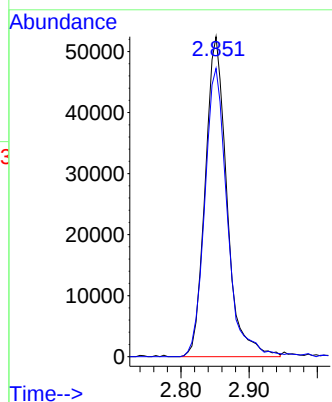
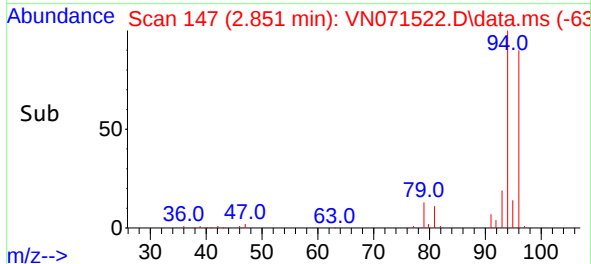
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



Tgt Ion: 94 Resp: 116117
Ion Ratio Lower Upper
94 100
96 90.1 75.2 112.8

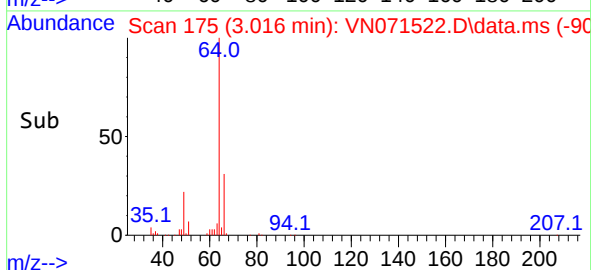
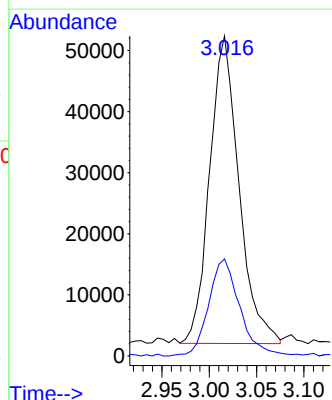
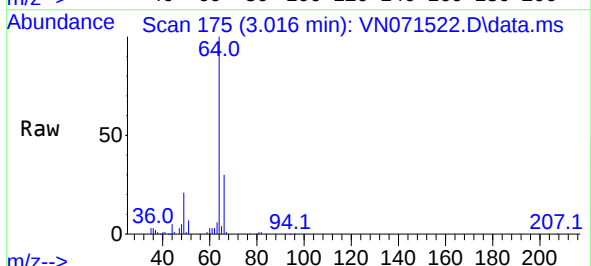
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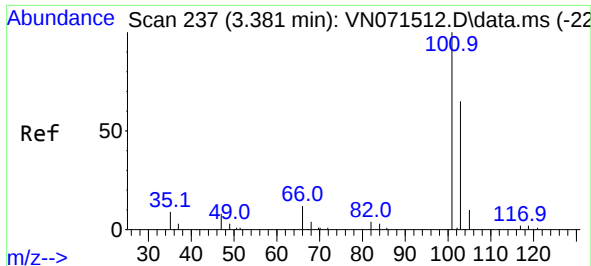
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#6
Chloroethane
Concen: 17.687 ug/l
RT: 3.016 min Scan# 175
Delta R.T. -0.000 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48

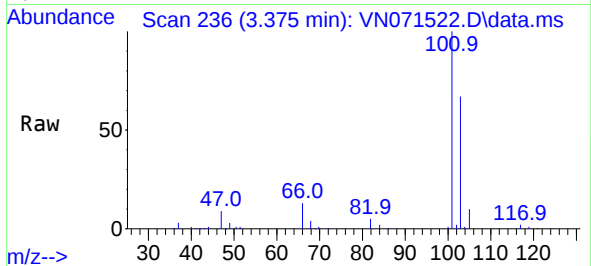
Tgt Ion: 64 Resp: 108489
Ion Ratio Lower Upper
64 100
66 31.0 24.6 36.8





#7
Trichlorofluoromethane
Concen: 17.449 ug/l
RT: 3.375 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48

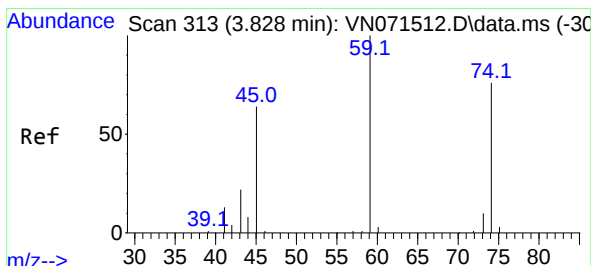
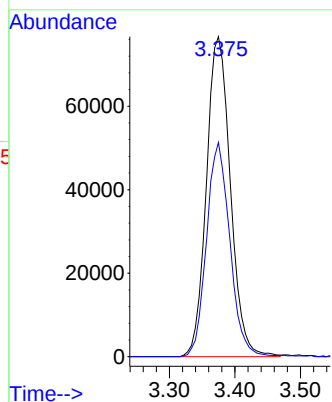
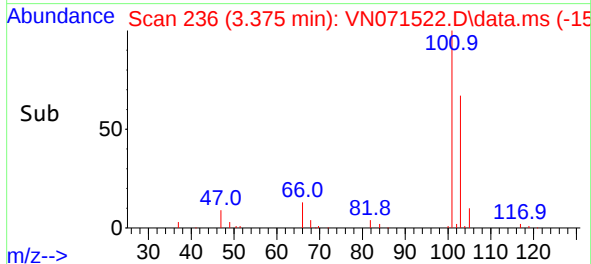
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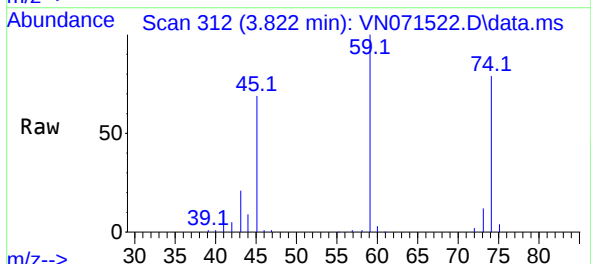
Tgt Ion:101 Resp: 194864
Ion Ratio Lower Upper
101 100
103 67.0 50.1 75.1

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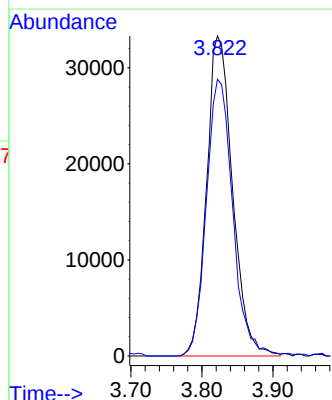
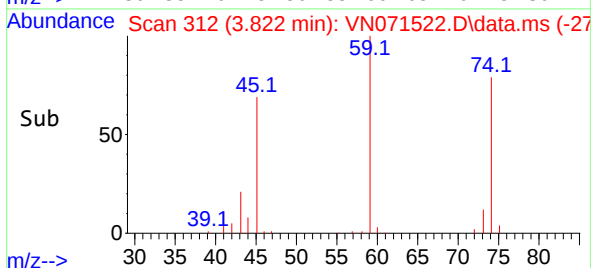
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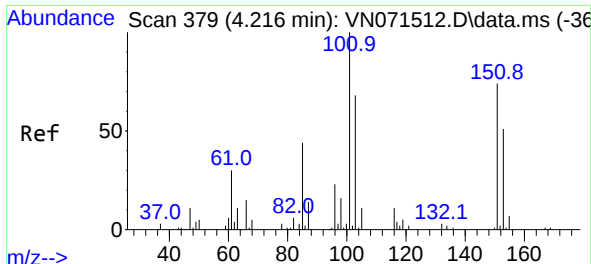


#8
Diethyl Ether
Concen: 18.034 ug/l
RT: 3.822 min Scan# 312
Delta R.T. -0.006 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48



Tgt Ion: 74 Resp: 84625
Ion Ratio Lower Upper
74 100
45 86.8 17.6 158.8





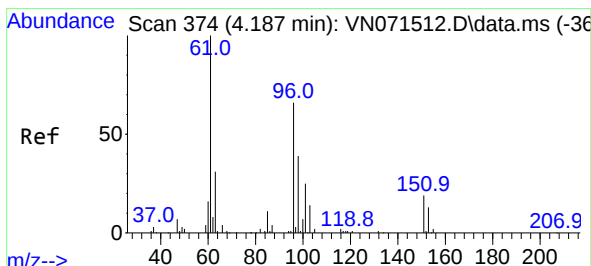
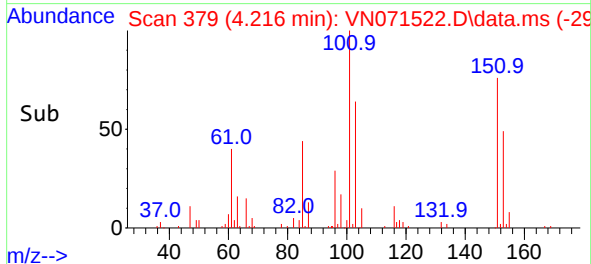
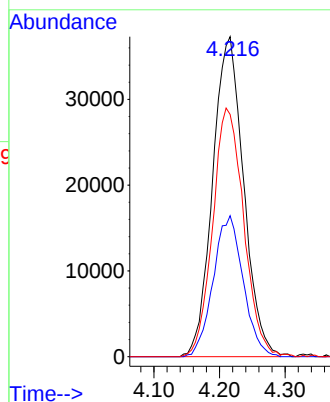
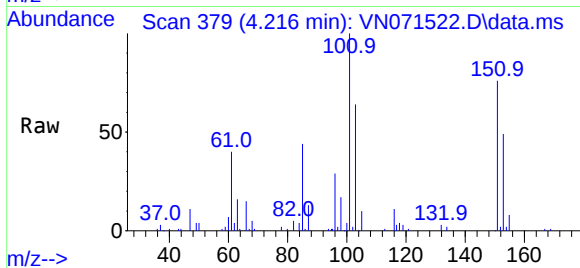
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.275 ug/l
RT: 4.216 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

Tgt Ion:101 Resp: 122220
Ion Ratio Lower Upper
101 100
85 42.7 0.0 94.0
151 77.7 0.0 74.6

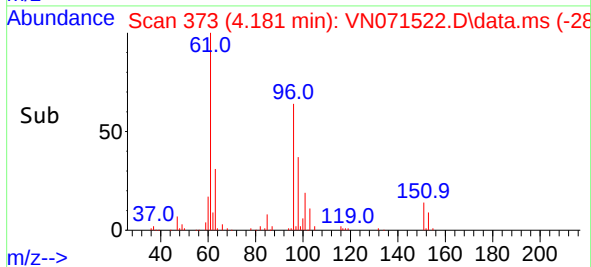
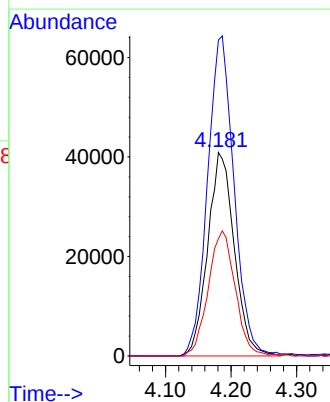
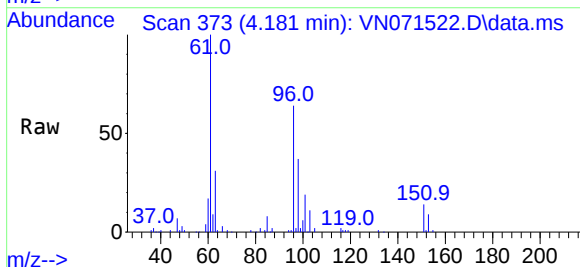
Manual Integrations
APPROVED

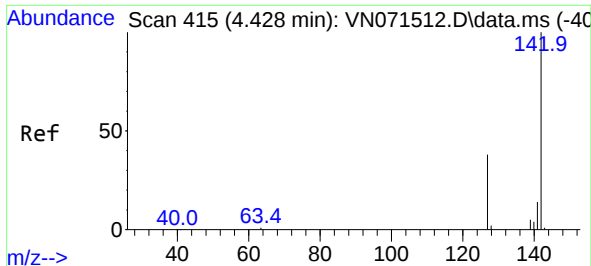
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#10
1,1-Dichloroethene
Concen: 17.461 ug/l
RT: 4.181 min Scan# 373
Delta R.T. -0.006 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48

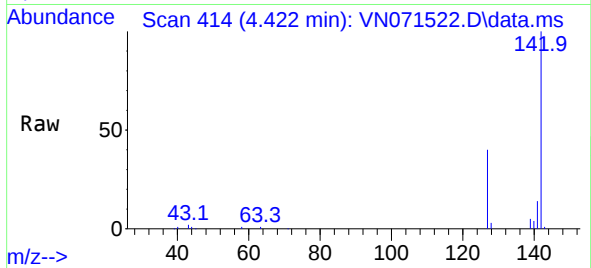
Tgt Ion: 96 Resp: 115176
Ion Ratio Lower Upper
96 100
61 155.2 126.2 189.4
98 57.6 50.9 76.3





#11
Methyl Iodide
Concen: 17.351 ug/l
RT: 4.422 min Scan# 415
Delta R.T. -0.006 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48

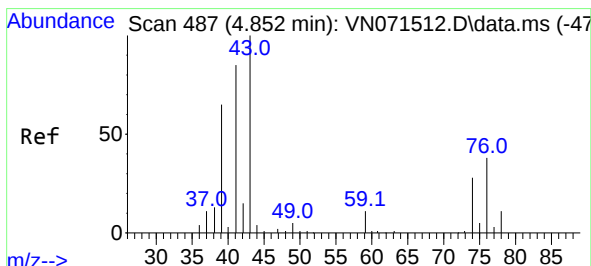
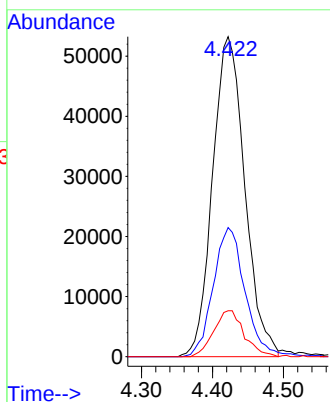
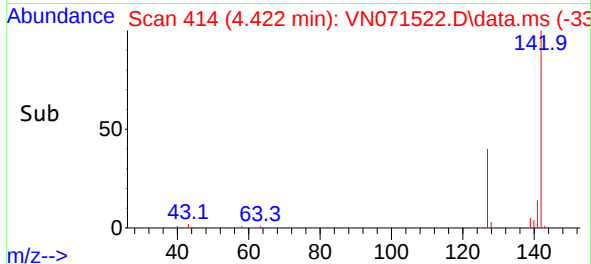
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



Tgt Ion:142 Resp: 167700
Ion Ratio Lower Upper
142 100
127 40.0 24.0 72.0
141 14.5 8.4 25.2

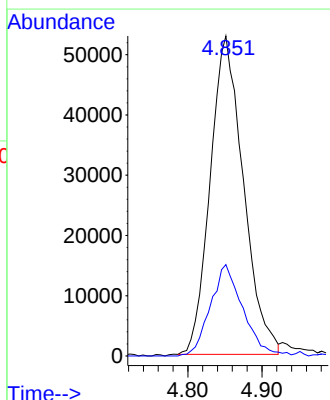
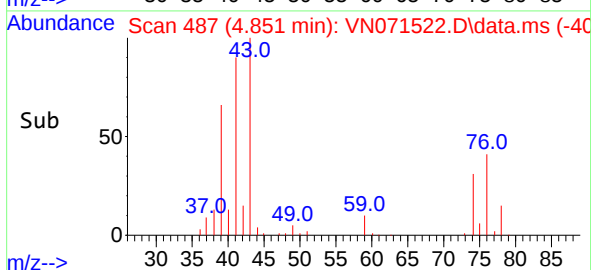
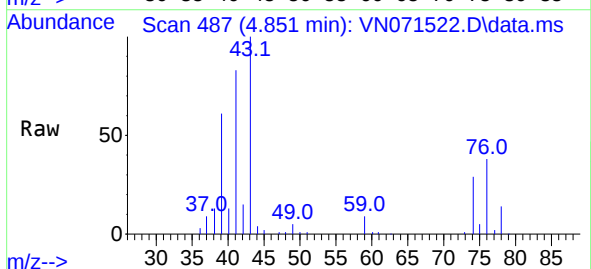
Manual Integrations
APPROVED

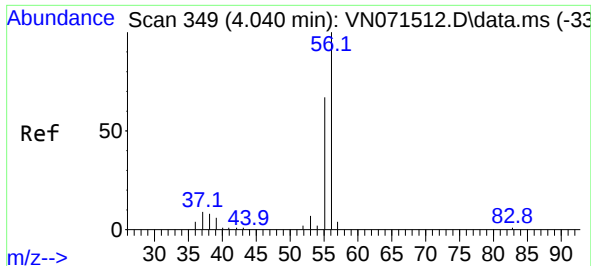
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#12
Methyl Acetate
Concen: 17.691 ug/l
RT: 4.851 min Scan# 487
Delta R.T. -0.000 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48

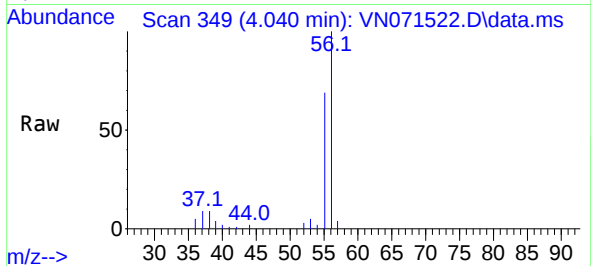
Tgt Ion: 43 Resp: 164450
Ion Ratio Lower Upper
43 100
74 28.6 20.8 31.2





#13
Acrolein
Concen: 85.807 ug/l
RT: 4.040 min Scan# 349
Delta R.T. -0.000 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48

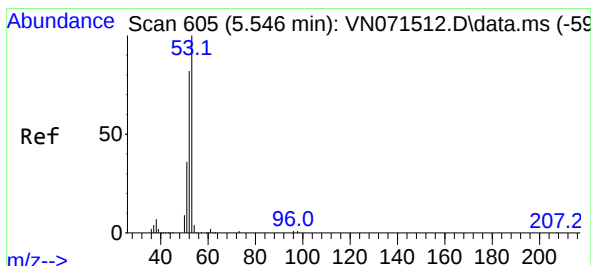
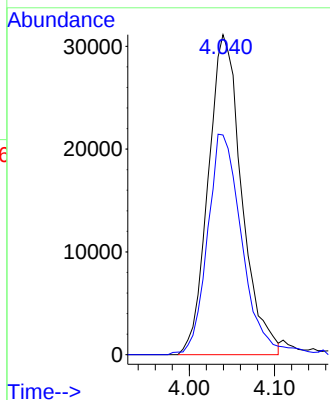
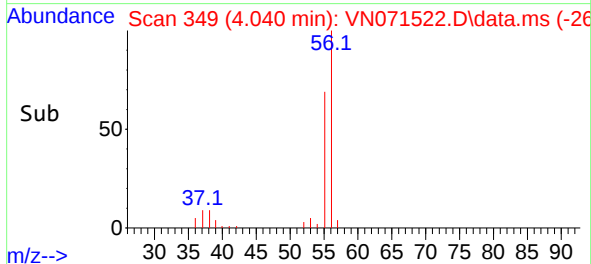
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



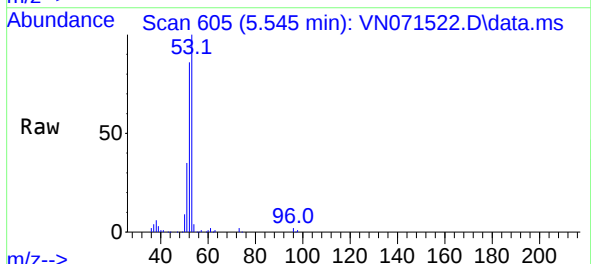
Tgt Ion: 56 Resp: 84859
Ion Ratio Lower Upper
56 100
55 69.2 57.6 86.4

Manual Integrations
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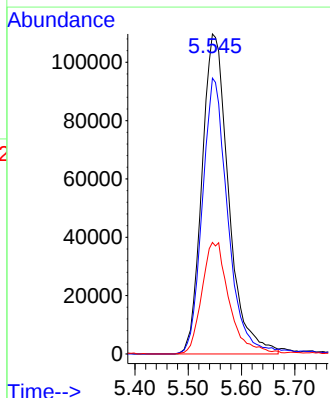
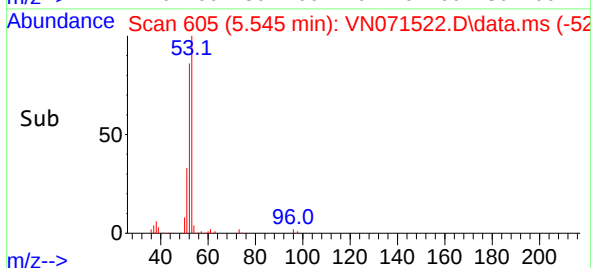
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

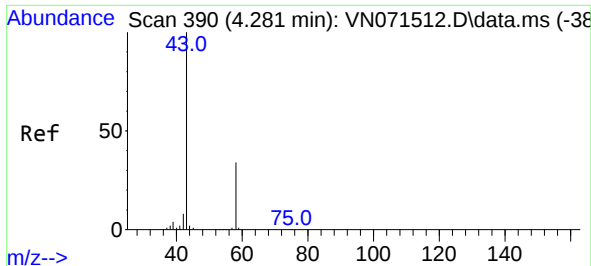


#14
Acrylonitrile
Concen: 90.601 ug/l
RT: 5.545 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48



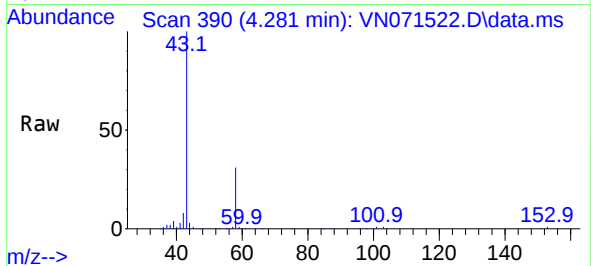
Tgt Ion: 53 Resp: 381445
Ion Ratio Lower Upper
53 100
52 81.5 41.8 125.4
51 19.0 19.0 57.0





#15
Acetone
Concen: 79.951 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48

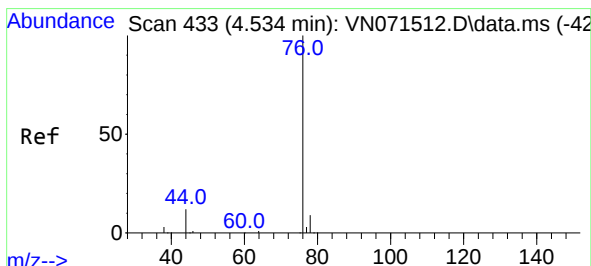
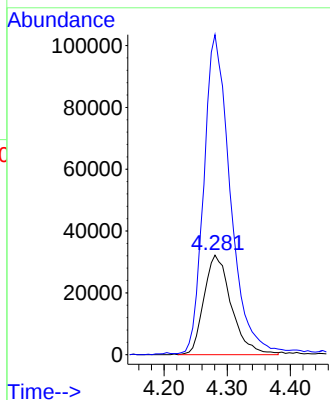
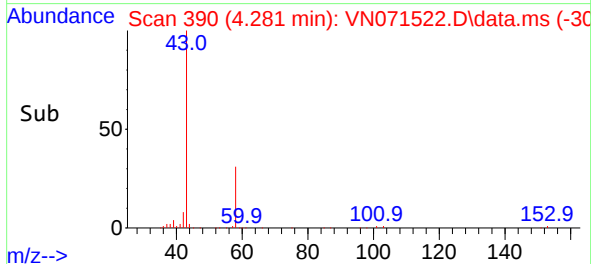
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



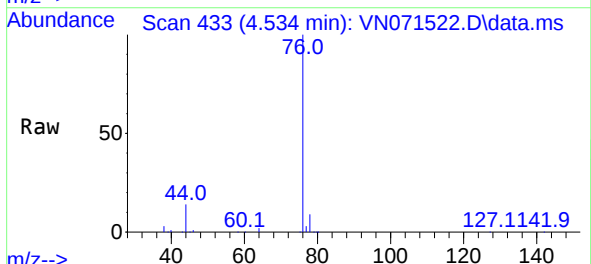
Tgt Ion: 58 Resp: 96869
Ion Ratio Lower Upper
58 100
43 320.2 256.6 384.8

Manual Integrations
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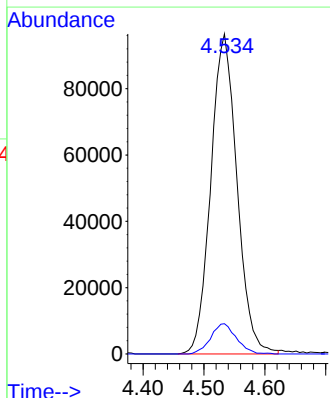
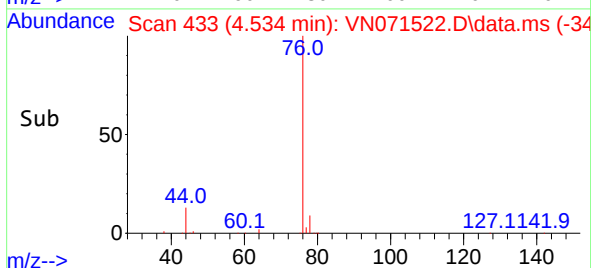
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

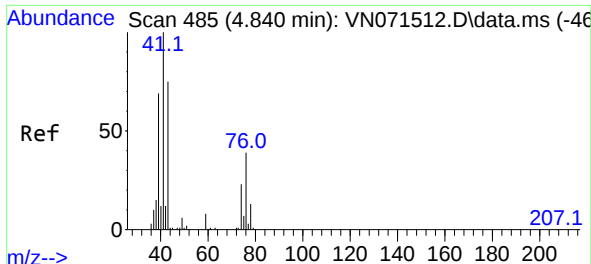


#16
Carbon Disulfide
Concen: 16.813 ug/l
RT: 4.534 min Scan# 433
Delta R.T. -0.000 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48



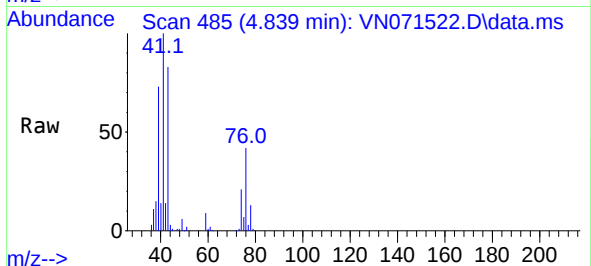
Tgt Ion: 76 Resp: 288752
Ion Ratio Lower Upper
76 100
78 9.4 7.8 11.8





#17
Allyl chloride
Concen: 17.156 ug/l
RT: 4.839 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48

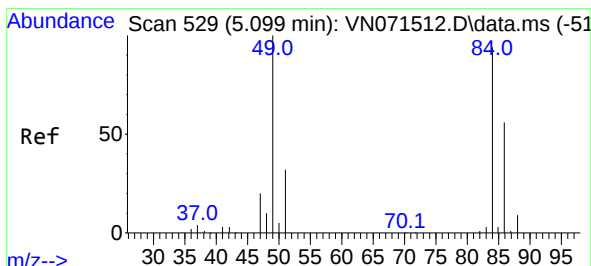
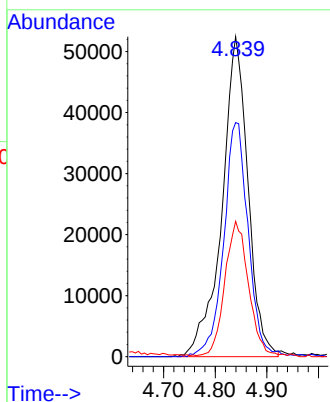
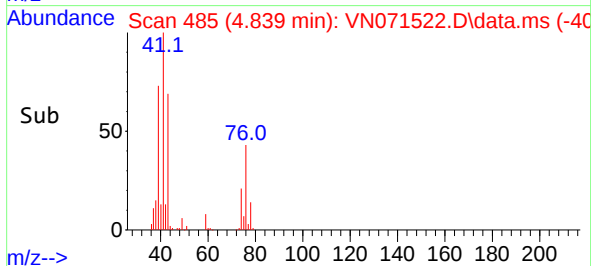
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



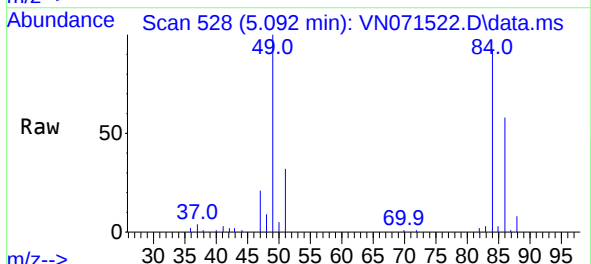
Tgt Ion: 41 Resp: 18354
Ion Ratio Lower Upper
41 100
39 73.1 44.6 134.0
76 41.7 19.6 58.7

Manual Integrations
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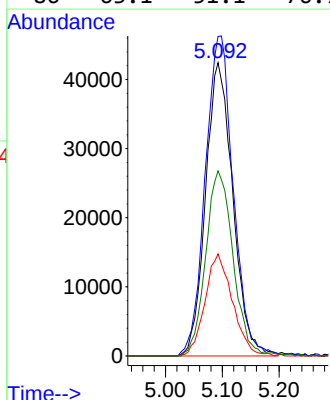
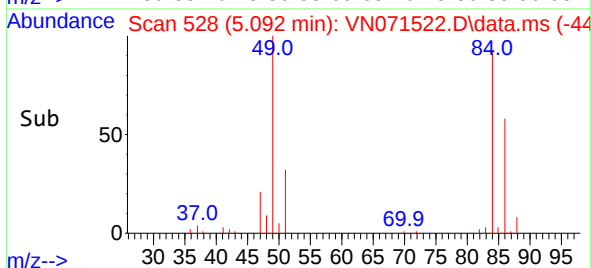
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

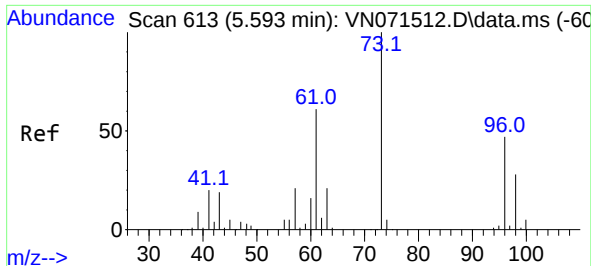


#18
Methylene Chloride
Concen: 17.940 ug/l
RT: 5.092 min Scan# 528
Delta R.T. -0.006 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48



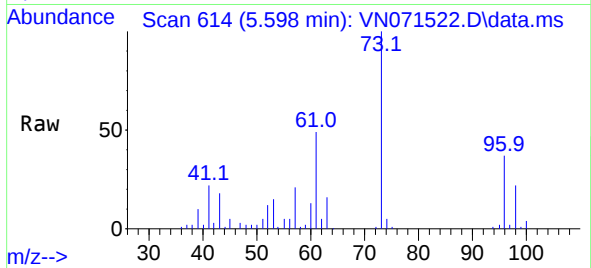
Tgt Ion: 84 Resp: 141961
Ion Ratio Lower Upper
84 100
49 108.9 91.4 137.0
51 34.8 29.4 44.0
86 63.1 51.1 76.7





#19
trans-1,2-Dichloroethene
Concen: 17.887 ug/l
RT: 5.598 min Scan# 613
Delta R.T. 0.006 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48

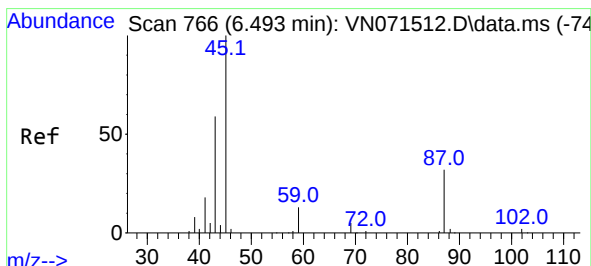
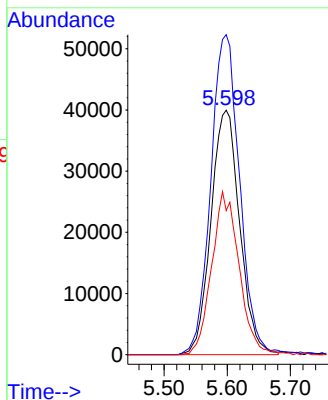
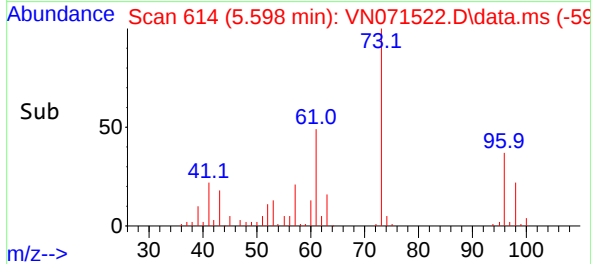
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



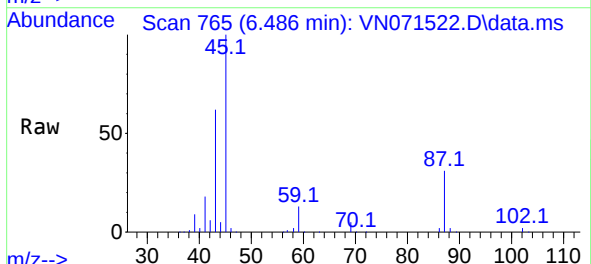
Tgt Ion: 96 Resp: 126194
Ion Ratio Lower Upper
96 100
61 130.9 102.8 154.2
98 58.9 49.3 73.9

Manual Integrations
APPROVED

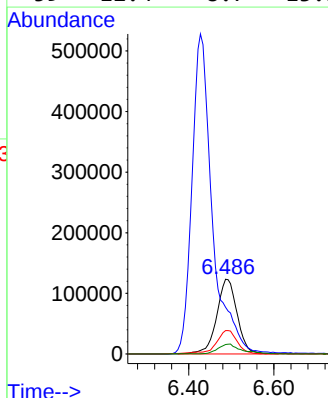
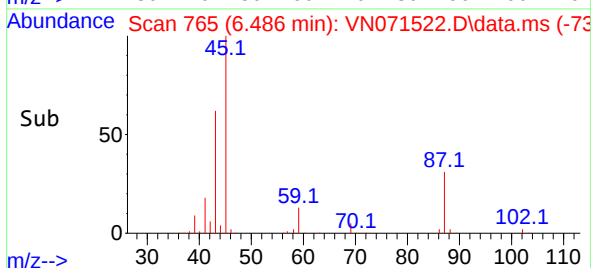
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

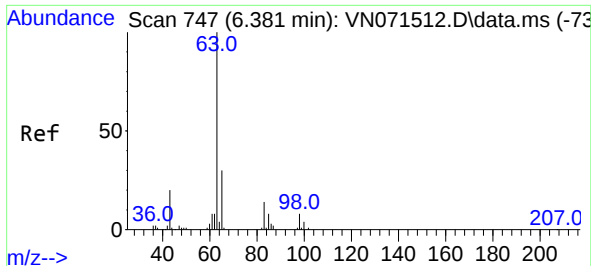


#20
Diisopropyl ether
Concen: 18.334 ug/l
RT: 6.486 min Scan# 765
Delta R.T. -0.006 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48



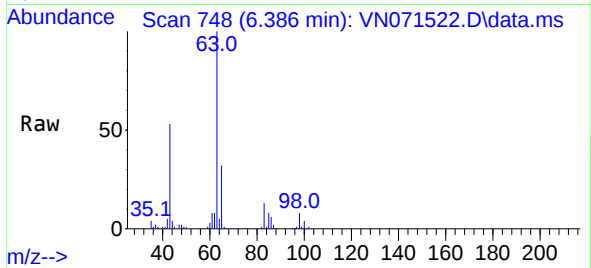
Tgt Ion: 45 Resp: 410418
Ion Ratio Lower Upper
45 100
43 60.8 51.0 76.4
87 31.1 25.0 37.4
59 12.4 8.7 13.1





#21
1,1-Dichloroethane
Concen: 17.769 ug/l
RT: 6.386 min Scan# 747
Delta R.T. 0.006 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48

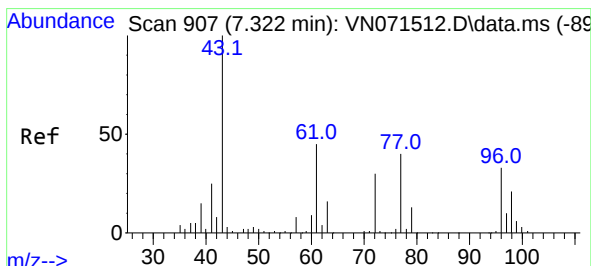
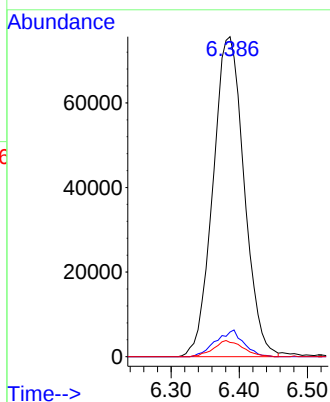
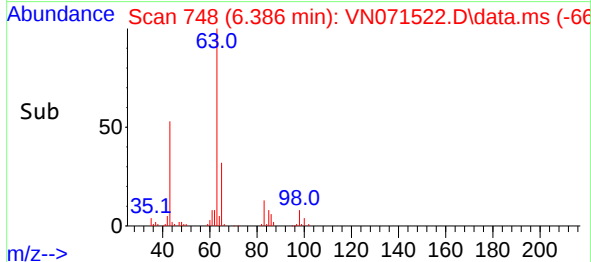
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



Tgt Ion: 63 Resp: 240150
Ion Ratio Lower Upper
63 100
98 7.7 3.2 9.6
100 4.5 2.1 6.2

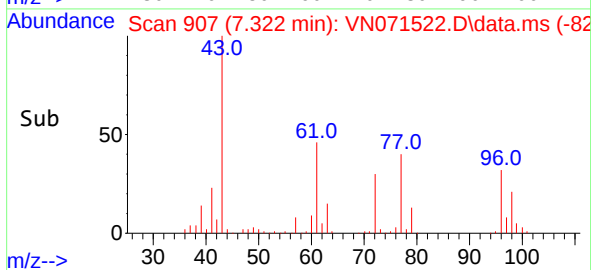
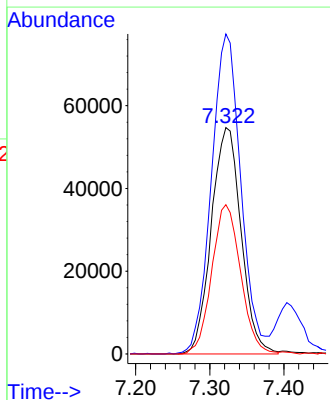
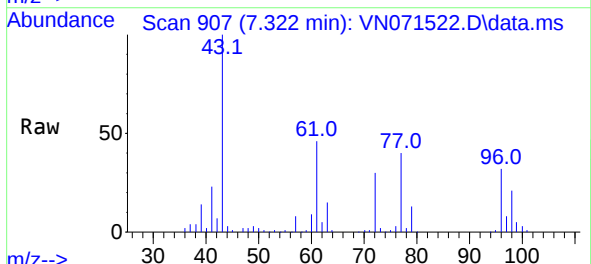
Manual Integrations
APPROVED

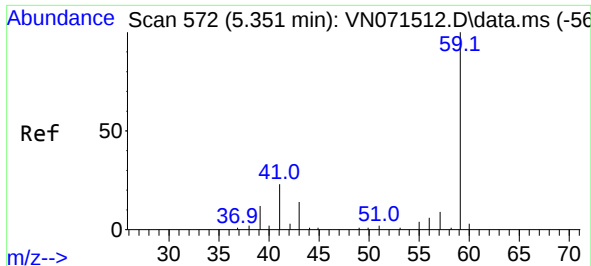
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#22
cis-1,2-Dichloroethene
Concen: 17.783 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48

Tgt Ion: 96 Resp: 152426
Ion Ratio Lower Upper
96 100
61 139.7 115.7 173.5
98 64.0 51.6 77.4





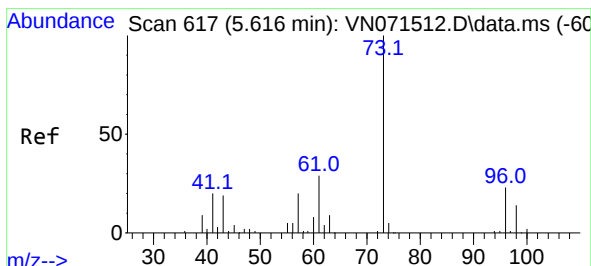
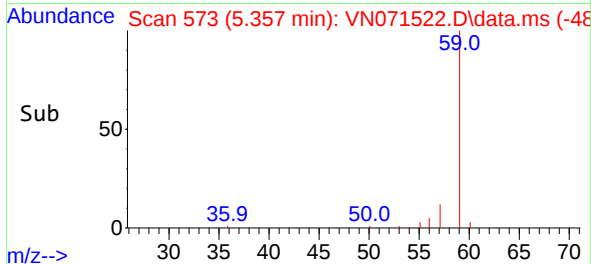
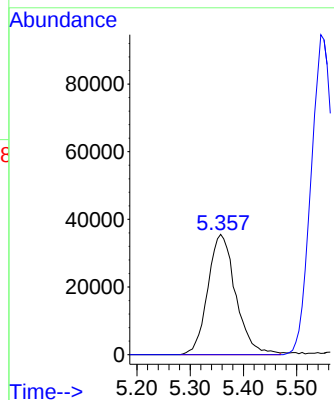
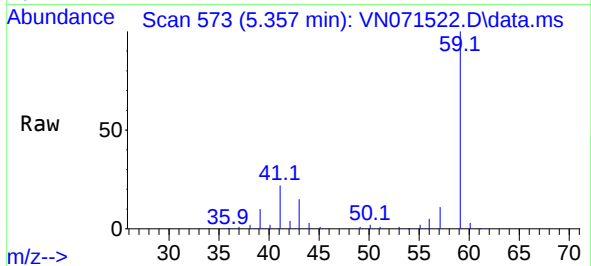
#23
tert-Butyl Alcohol
Concen: 86.023 ug/l
RT: 5.357 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

Tgt Ion: 59 Resp: 12923
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

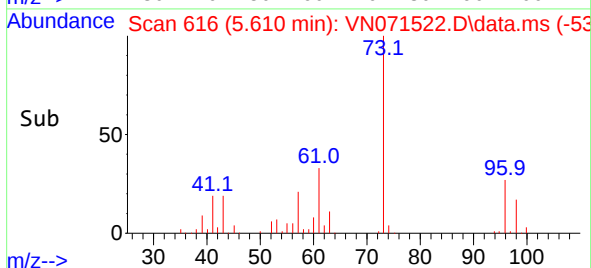
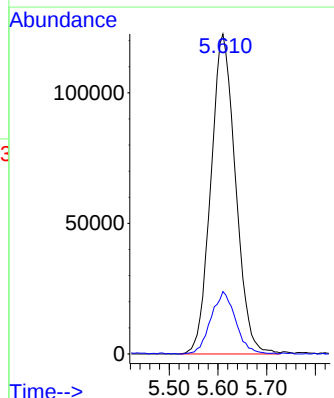
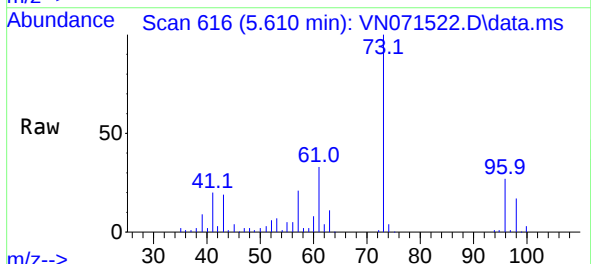
Manual Integrations
APPROVED

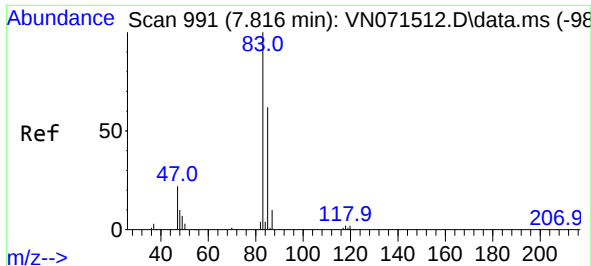
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#24
Methyl tert-Butyl Ether
Concen: 18.111 ug/l
RT: 5.610 min Scan# 616
Delta R.T. -0.006 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48

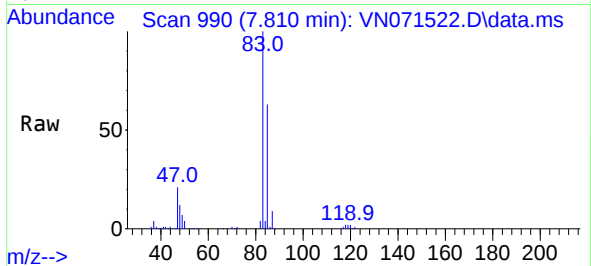
Tgt Ion: 73 Resp: 431154
Ion Ratio Lower Upper
73 100
43 19.5 18.1 27.1





#25
Chloroform
Concen: 18.334 ug/l
RT: 7.810 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48

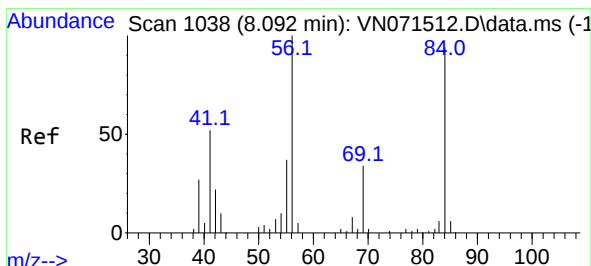
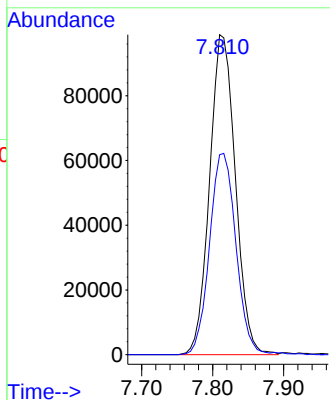
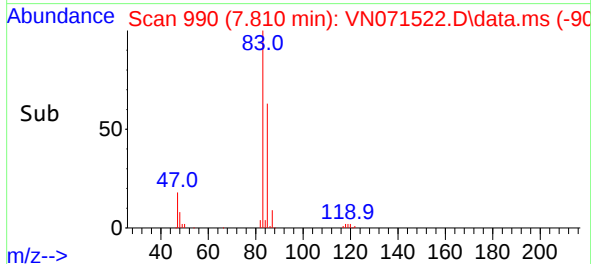
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



Tgt Ion: 83 Resp: 24921
Ion Ratio Lower Upper
83 100
85 62.5 51.3 76.9

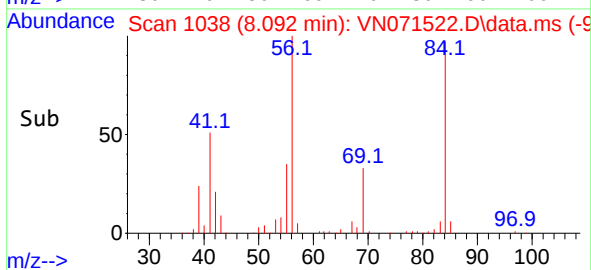
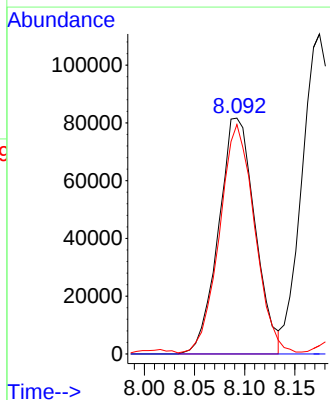
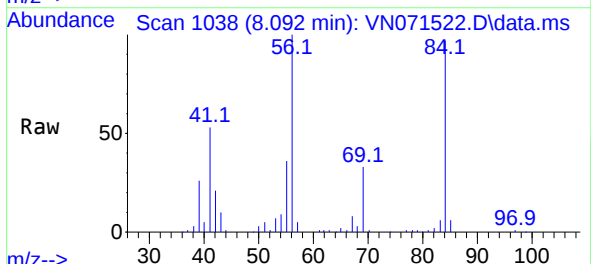
Manual Integrations
APPROVED

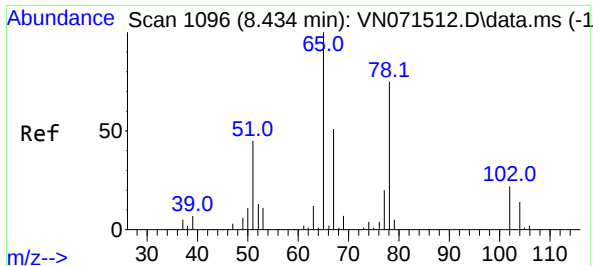
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#26
Cyclohexane
Concen: 17.666 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48

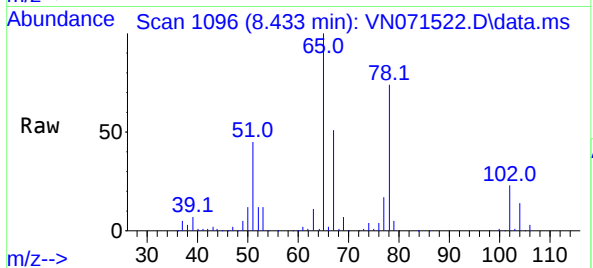
Tgt Ion: 56 Resp: 206373
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 94.1 74.6 111.8





#27
1,2-Dichloroethane-d4
Concen: 29.671 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48

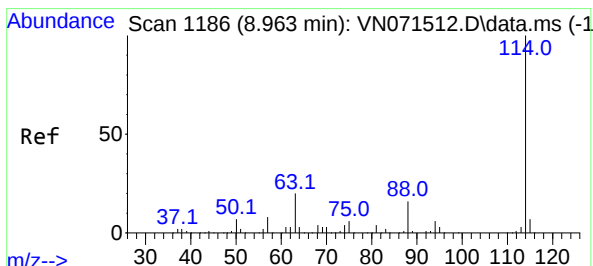
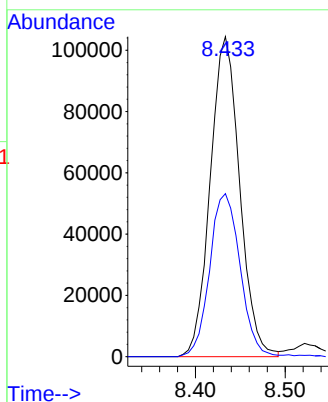
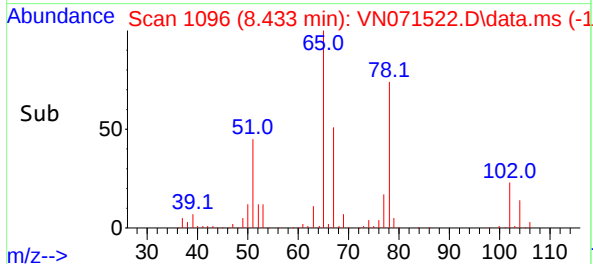
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



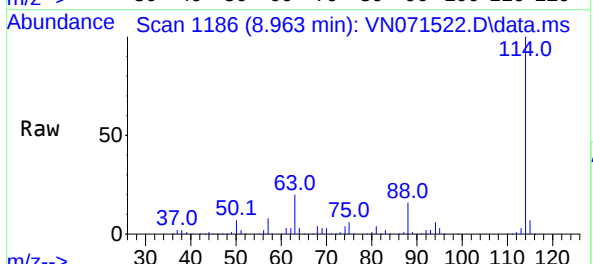
Tgt Ion: 65 Resp: 23801
Ion Ratio Lower Upper
65 100
67 52.5 40.2 60.2

Manual Integrations
APPROVED

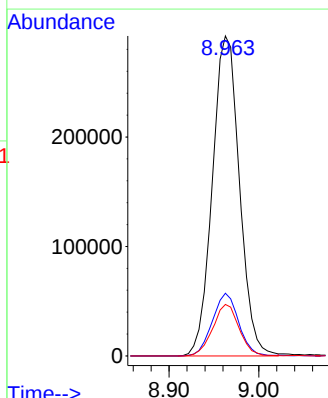
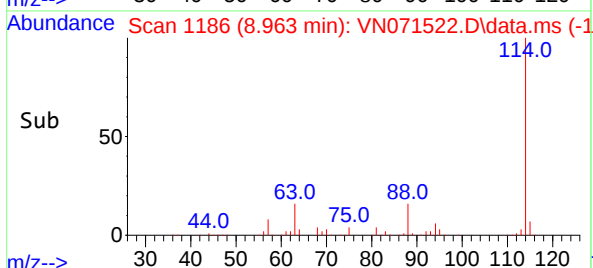
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

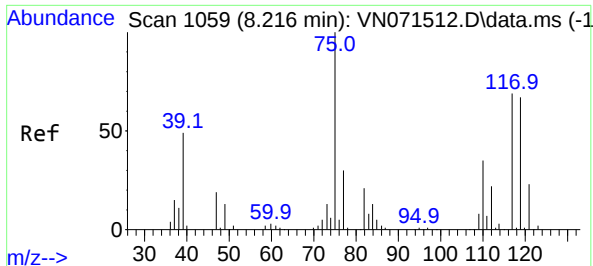


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48



Tgt Ion:114 Resp: 613135
Ion Ratio Lower Upper
114 100
63 19.0 15.8 23.6
88 15.7 11.6 17.4





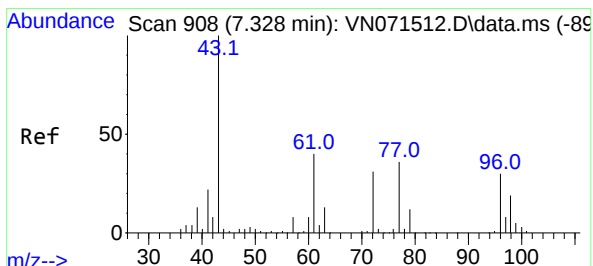
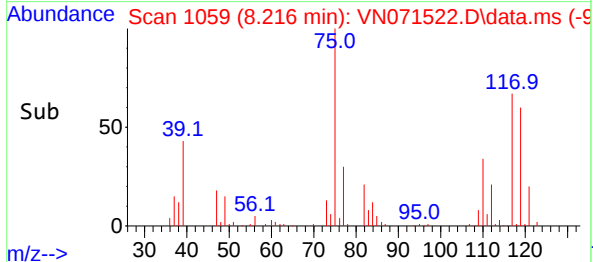
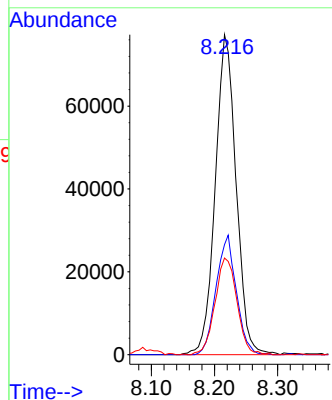
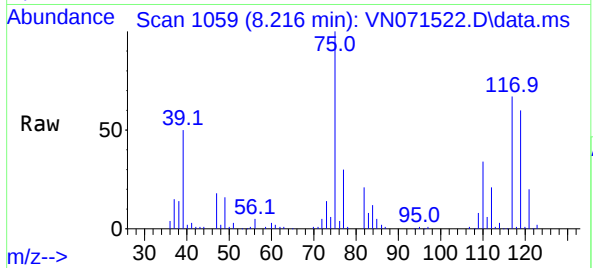
#29
1,1-Dichloropropene
Concen: 17.842 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

Tgt Ion: 75 Resp: 177060
Ion Ratio Lower Upper
75 100
110 36.1 0.0 74.2
77 31.7 0.0 63.2

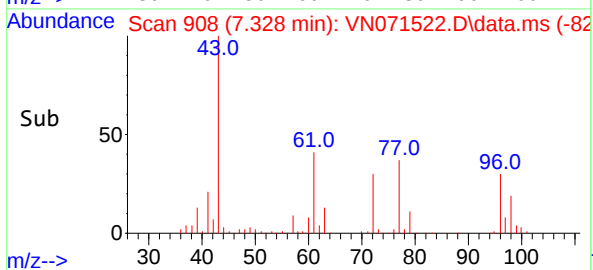
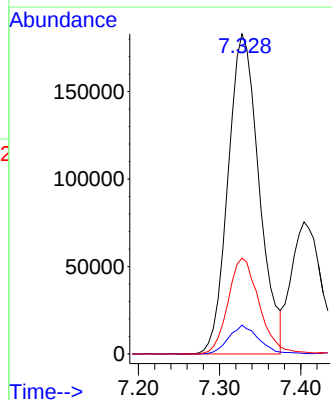
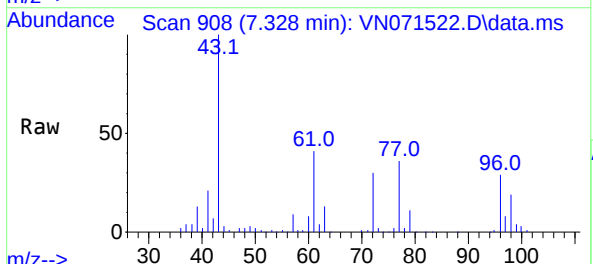
Manual Integrations
APPROVED

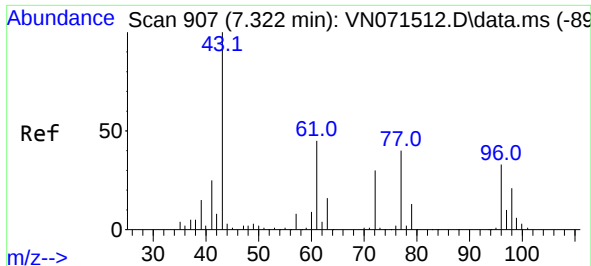
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#30
2-Butanone
Concen: 88.114 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48

Tgt Ion: 43 Resp: 486762
Ion Ratio Lower Upper
43 100
57 8.7 6.7 10.1
72 30.1 23.2 34.8





#31
2,2-Dichloropropane
Concen: 17.349 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48

Instrument :

MSVOA_N

ClientSampleId :

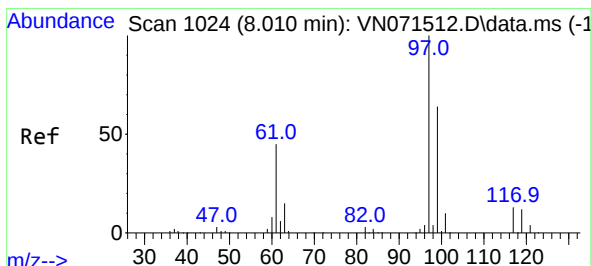
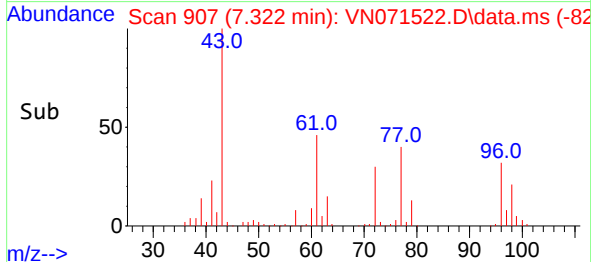
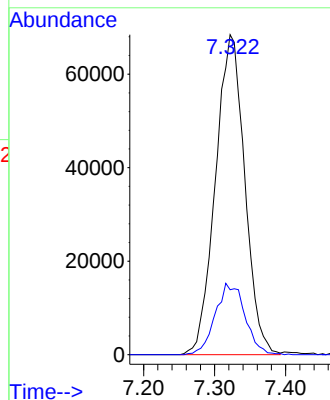
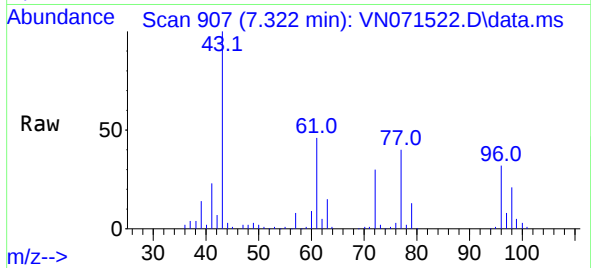
VN0324WBSD01

Tgt Ion: 77 Resp: 196135
Ion Ratio Lower Upper
77 100
97 12.3 18.3 27.5

Manual Integrations

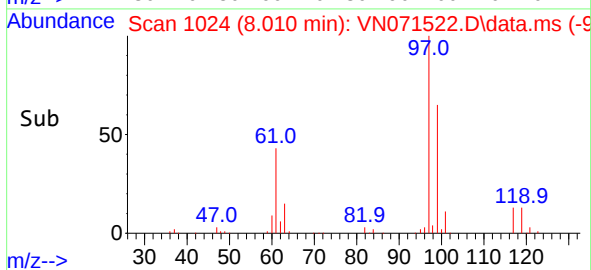
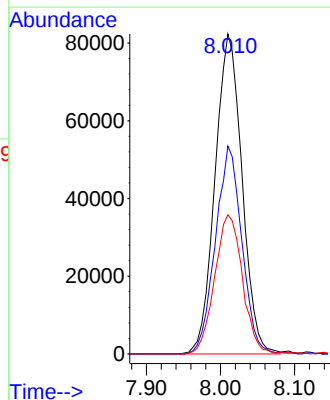
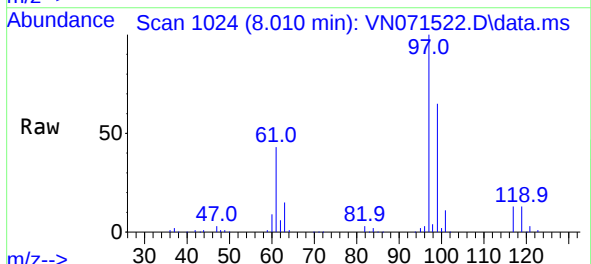
APPROVED

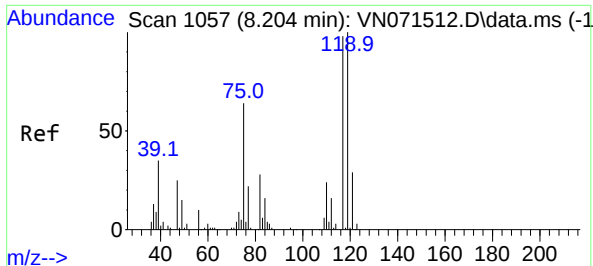
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#32
1,1,1-Trichloroethane
Concen: 18.008 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48

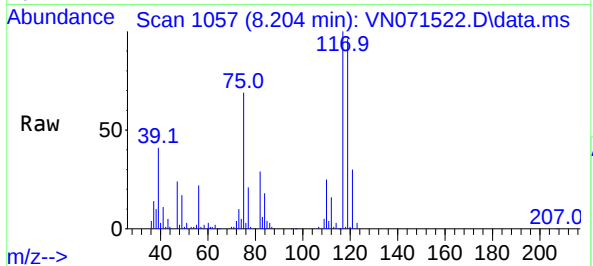
Tgt Ion: 97 Resp: 208142
Ion Ratio Lower Upper
97 100
99 63.8 50.4 75.6
61 44.5 34.6 51.8





#33
Carbon Tetrachloride
Concen: 17.780 ug/l
RT: 8.204 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48

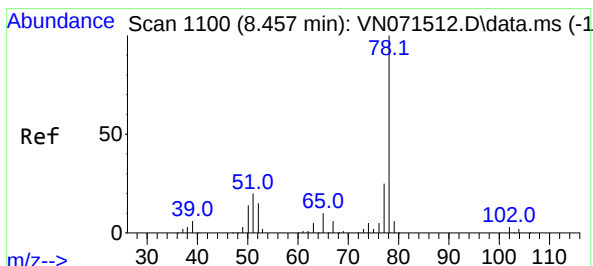
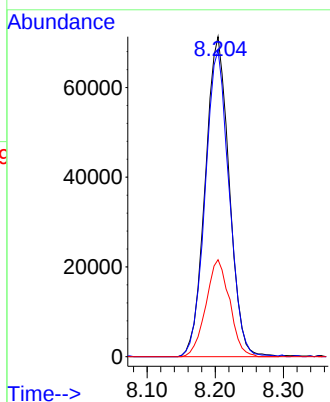
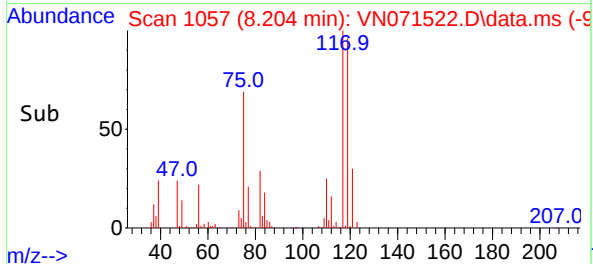
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



Tgt Ion:117 Resp: 173962
Ion Ratio Lower Upper
117 100
119 95.8 77.5 116.3
121 30.3 23.5 35.3

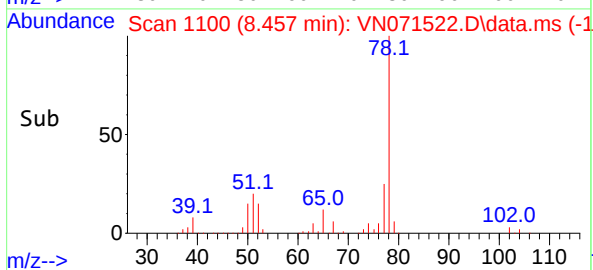
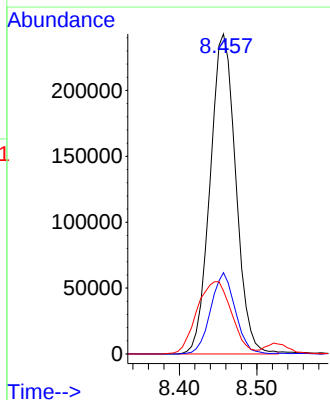
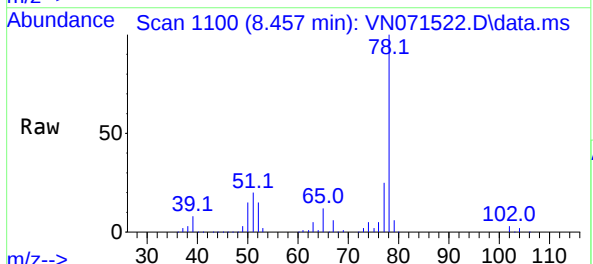
Manual Integrations
APPROVED

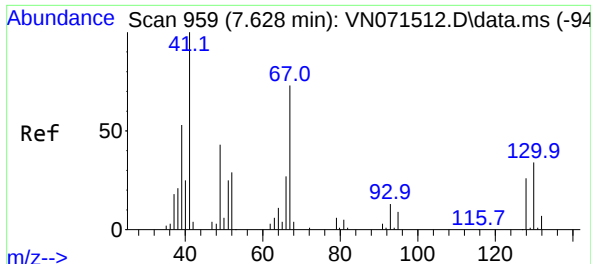
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#34
Benzene
Concen: 18.125 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48

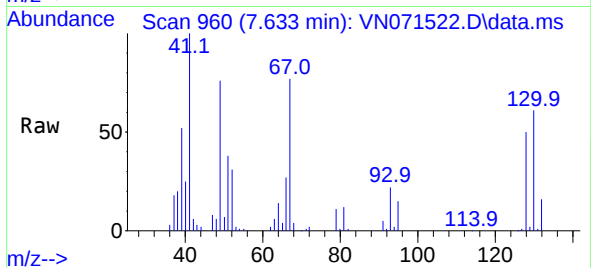
Tgt Ion: 78 Resp: 558862
Ion Ratio Lower Upper
78 100
77 25.4 19.1 28.7
51 18.9 16.0 24.0





#35
Methacrylonitrile
Concen: 19.700 ug/l
RT: 7.633 min Scan# 90
Delta R.T. 0.006 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48

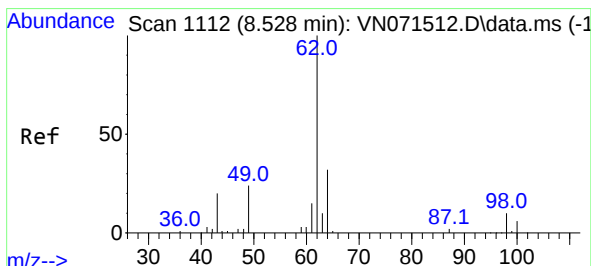
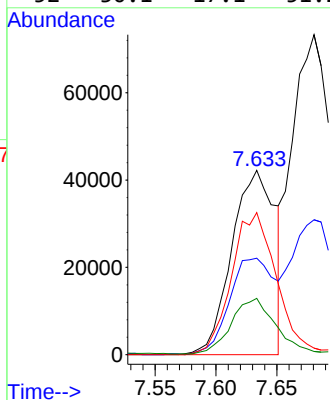
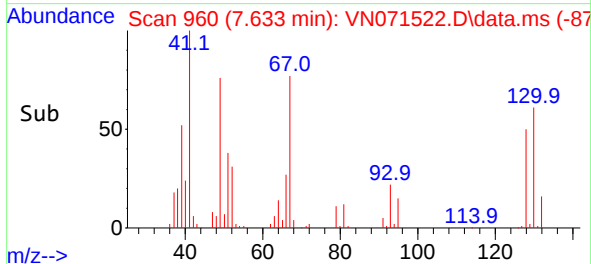
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



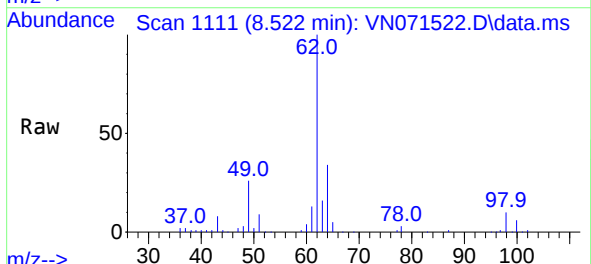
Tgt Ion: 41 Resp: 104410
Ion Ratio Lower Upper
41 100
39 52.0 28.0 83.9
67 77.1 37.7 113.1
52 30.1 17.1 51.2

Manual Integrations
APPROVED

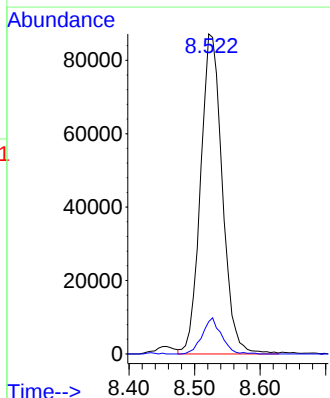
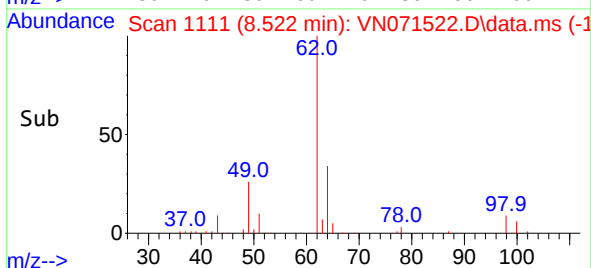
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

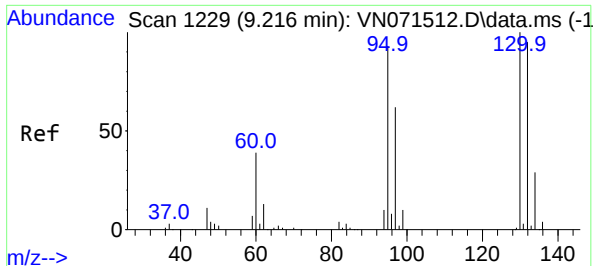


#36
1,2-Dichloroethane
Concen: 18.687 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. -0.006 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48



Tgt Ion: 62 Resp: 201004
Ion Ratio Lower Upper
62 100
98 9.8 6.6 10.0





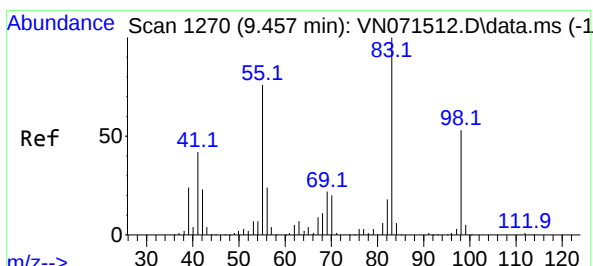
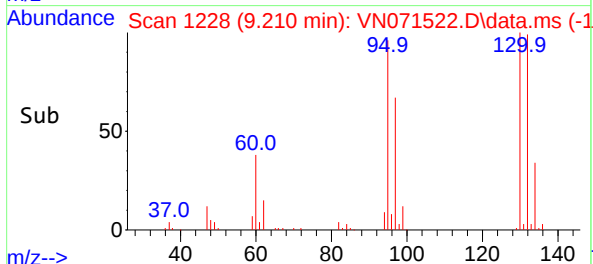
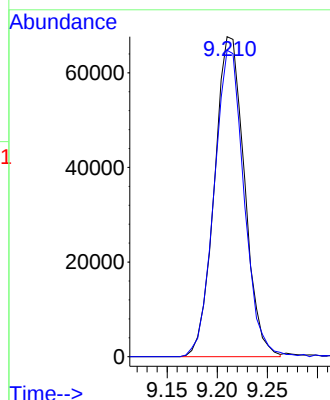
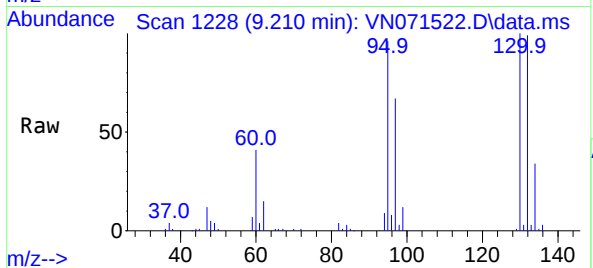
#37
Trichloroethene
Concen: 17.670 ug/l
RT: 9.210 min Scan# 1229
Delta R.T. -0.006 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

Tgt Ion:130 Resp: 140580
Ion Ratio Lower Upper
130 100
95 95.7 76.6 115.0

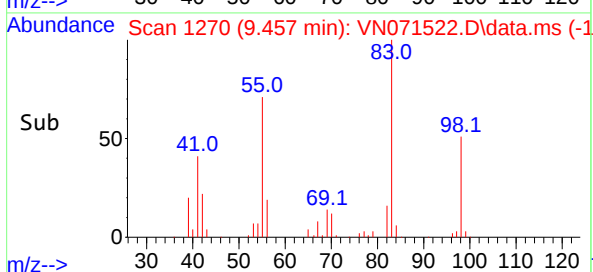
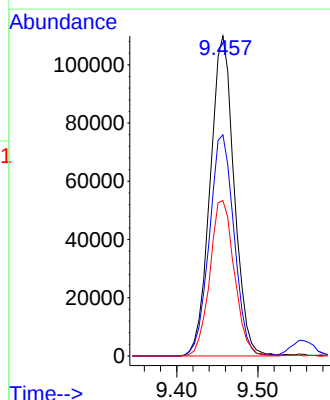
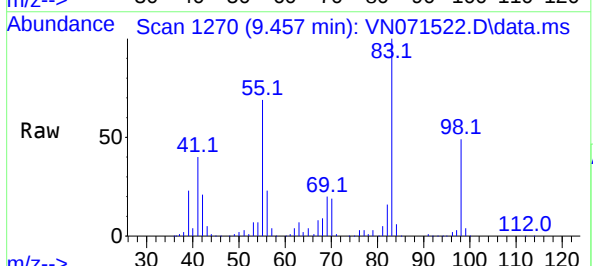
Manual Integrations
APPROVED

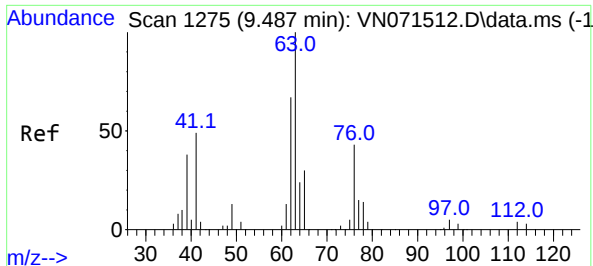
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#38
Methylcyclohexane
Concen: 18.019 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48

Tgt Ion: 83 Resp: 225398
Ion Ratio Lower Upper
83 100
55 71.2 35.1 105.3
98 49.6 23.4 70.2





#39

1,2-Dichloropropane

Concen: 18.531 ug/l

RT: 9.486 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN071522.D

Acq: 24 Mar 2022 15:48

Instrument :

MSVOA_N

ClientSampleId :

VN0324WBSD01

Tgt Ion: 63 Resp: 142950

Ion Ratio Lower Upper

63 100

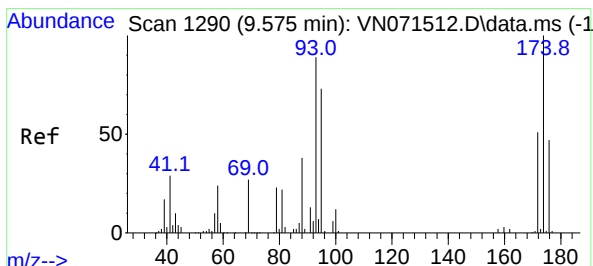
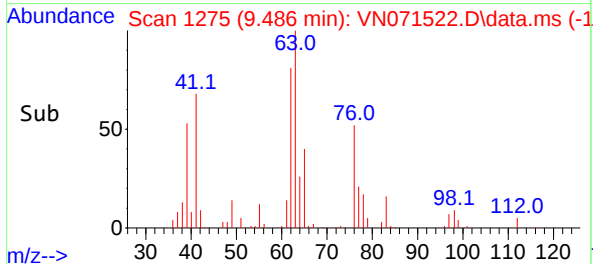
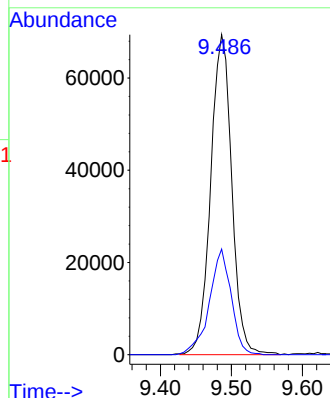
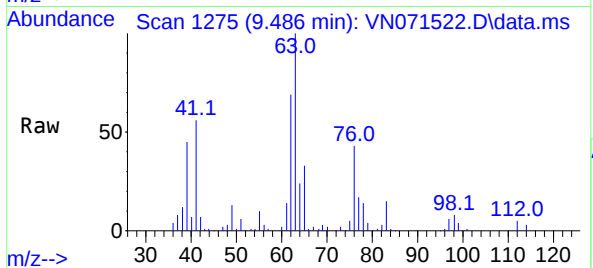
65 33.0 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2022

Supervised By :Mahesh Dadoda 03/25/2022



#40

Dibromomethane

Concen: 18.592 ug/l

RT: 9.574 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN071522.D

Acq: 24 Mar 2022 15:48

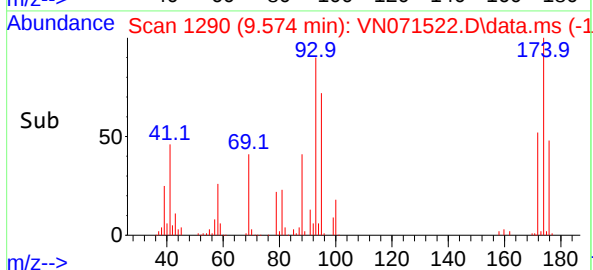
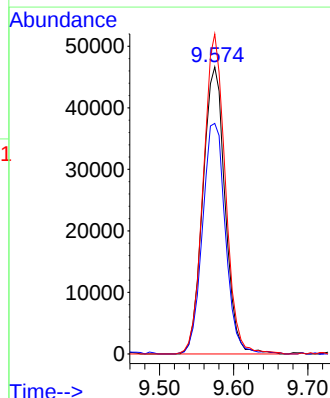
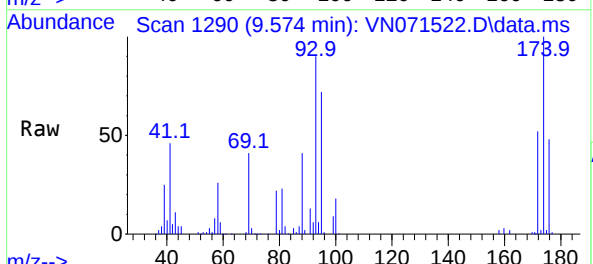
Tgt Ion: 93 Resp: 97081

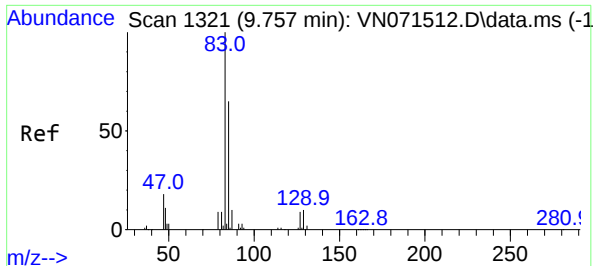
Ion Ratio Lower Upper

93 100

95 82.4 0.0 168.8

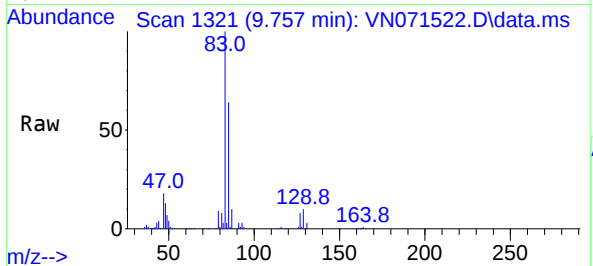
174 110.1 0.0 173.6





#41
Bromodichloromethane
Concen: 17.996 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48

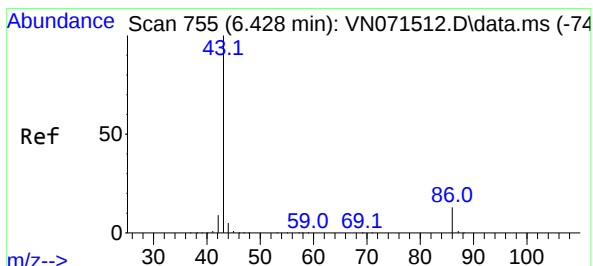
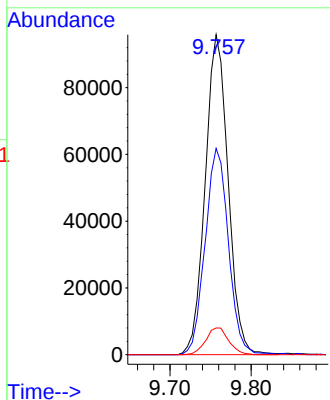
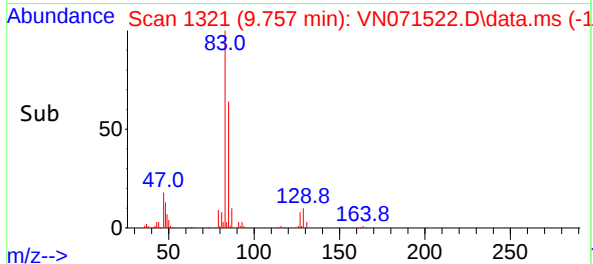
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



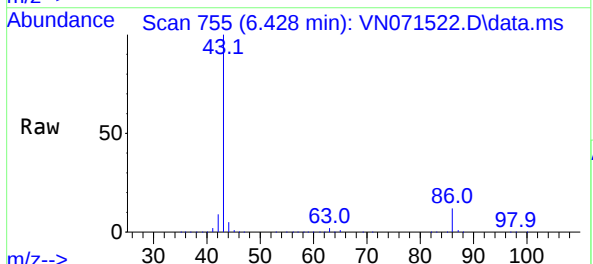
Tgt Ion: 83 Resp: 188039
Ion Ratio Lower Upper
83 100
85 64.4 54.1 81.1
127 9.3 7.6 11.4

Manual Integrations
APPROVED

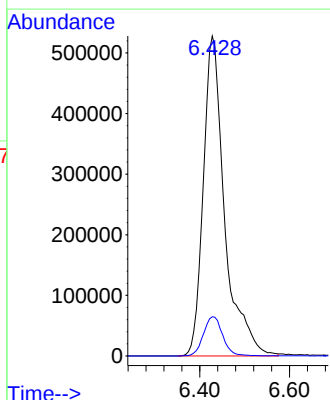
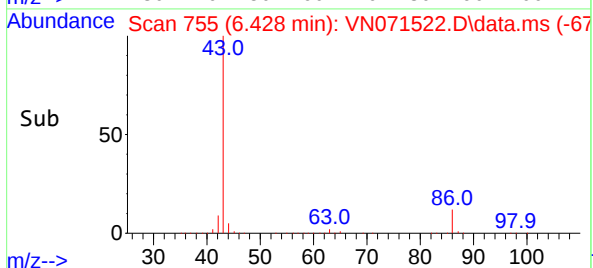
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

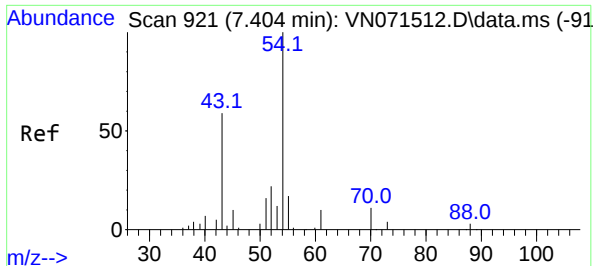


#42
Vinyl Acetate
Concen: 92.290 ug/l
RT: 6.428 min Scan# 755
Delta R.T. -0.000 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48



Tgt Ion: 43 Resp: 1746883
Ion Ratio Lower Upper
43 100
86 11.0 7.5 11.3





#43

Ethyl Acetate

Concen: 18.272 ug/l

RT: 7.404 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN071522.D

Acq: 24 Mar 2022 15:48

Instrument :

MSVOA_N

ClientSampleId :

VN0324WBSD01

Tgt Ion: 43 Resp: 195729

Ion Ratio Lower Upper

43 100

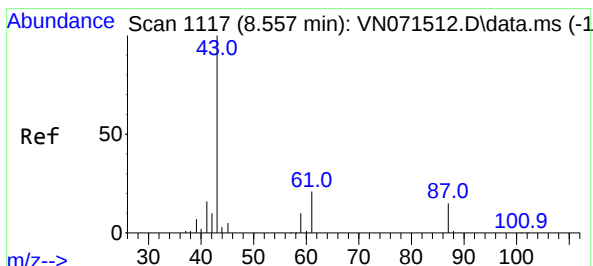
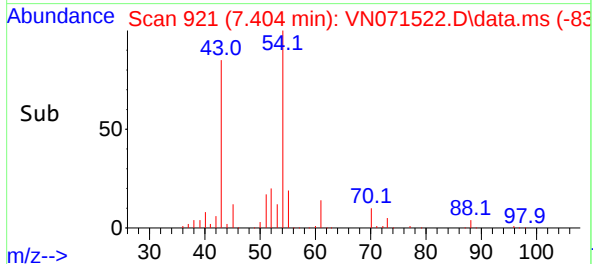
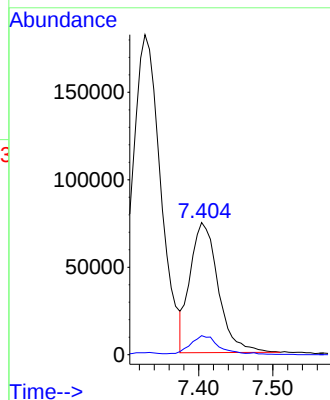
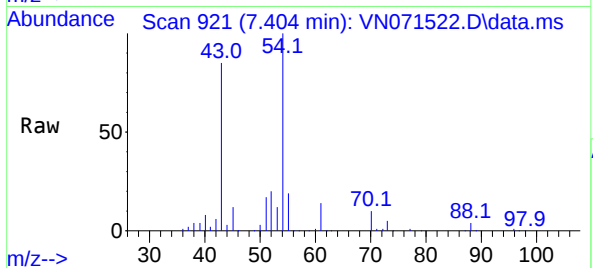
45 14.7 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2022

Supervised By :Mahesh Dadoda 03/25/2022



#44

Isopropyl Acetate

Concen: 18.011 ug/l

RT: 8.557 min Scan# 1117

Delta R.T. -0.000 min

Lab File: VN071522.D

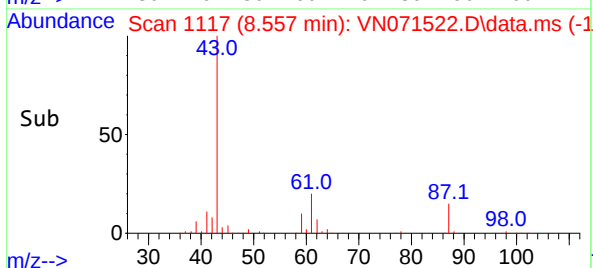
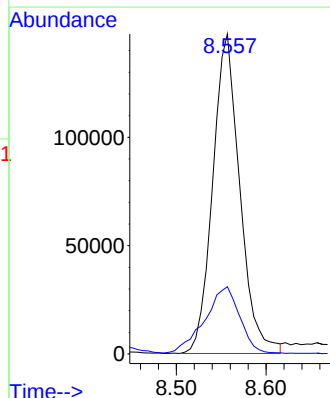
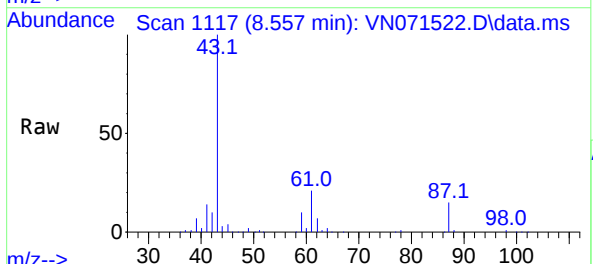
Acq: 24 Mar 2022 15:48

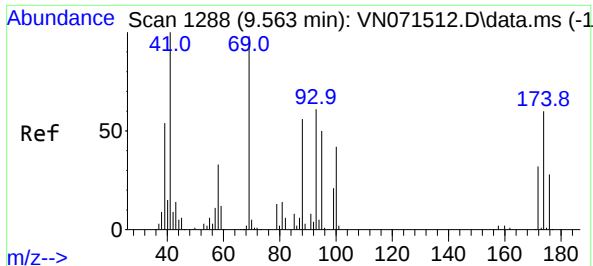
Tgt Ion: 43 Resp: 309433

Ion Ratio Lower Upper

43 100

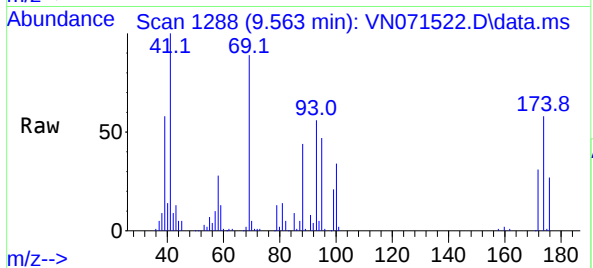
61 27.0 20.1 30.1





#45
1,4-Dioxane
Concen: 349.854 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48

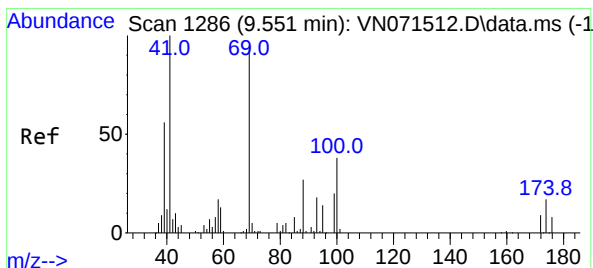
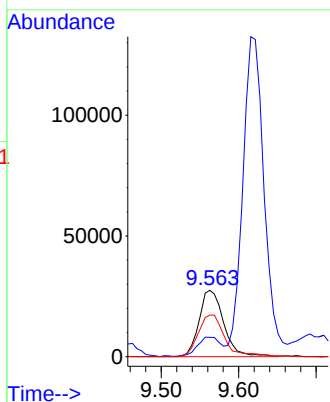
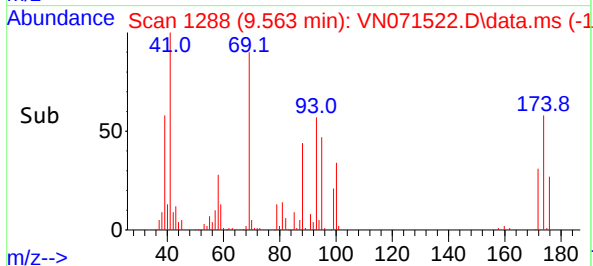
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



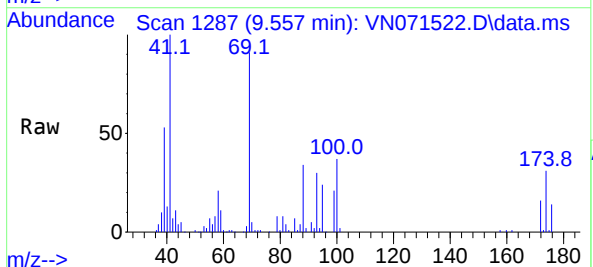
Tgt Ion: 88 Resp: 60644
Ion Ratio Lower Upper
88 100
43 26.7 25.0 37.6
58 64.2 49.4 74.2

Manual Integrations
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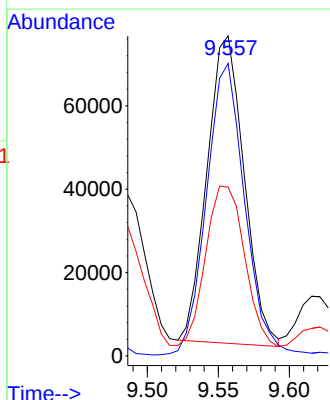
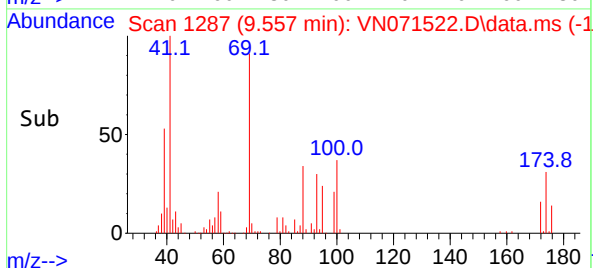
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

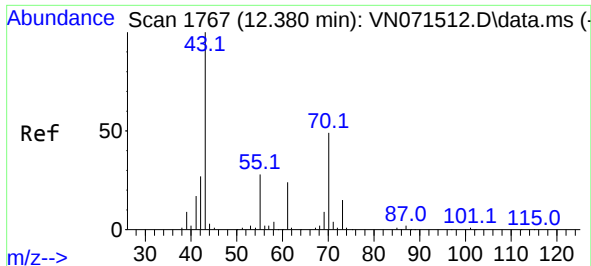


#46
Methyl methacrylate
Concen: 17.751 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48



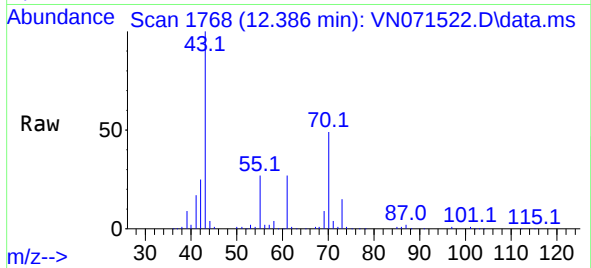
Tgt Ion: 41 Resp: 133735
Ion Ratio Lower Upper
41 100
69 94.4 44.4 133.2
39 52.4 39.9 119.6





#47
n-amy1 Acetate
Concen: 17.557 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48

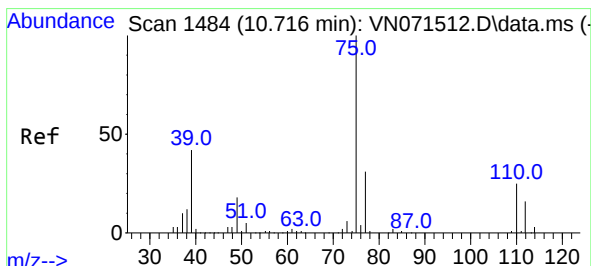
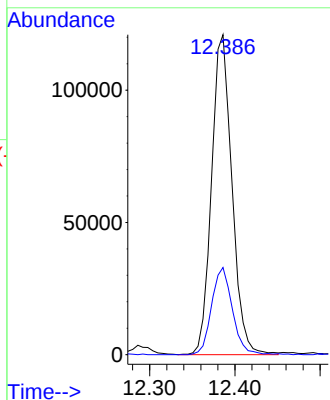
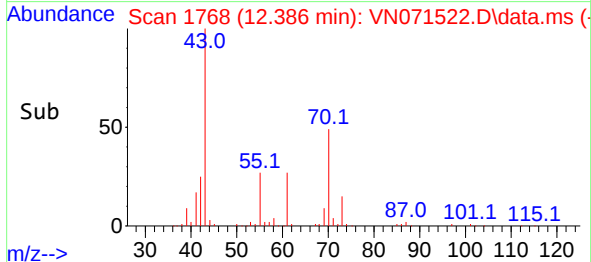
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



Tgt Ion: 43 Resp: 201285
Ion Ratio Lower Upper
43 100
55 27.8 19.0 28.6

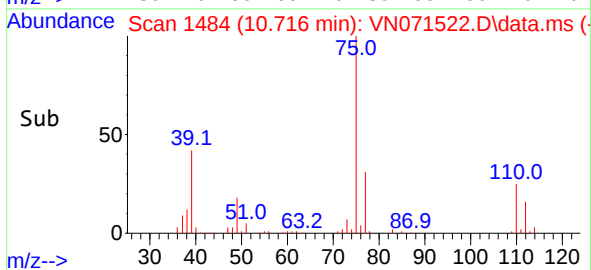
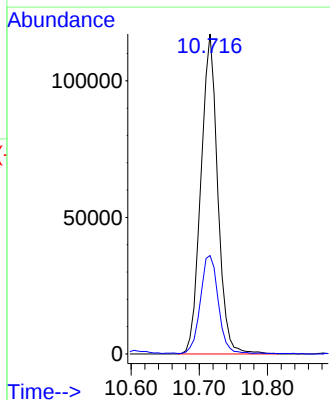
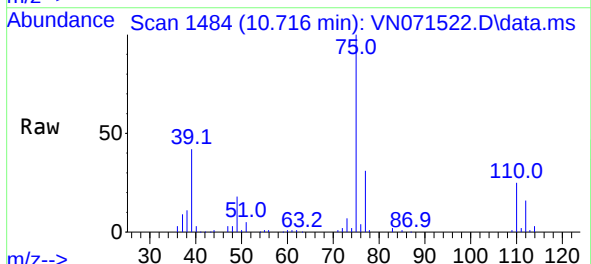
Manual Integrations
APPROVED

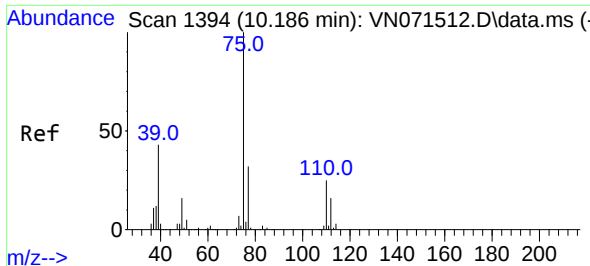
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#48
t-1,3-Dichloropropene
Concen: 17.692 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48

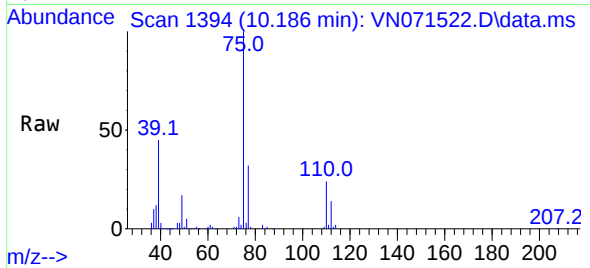
Tgt Ion: 75 Resp: 200924
Ion Ratio Lower Upper
75 100
77 30.6 25.3 37.9





#49
cis-1,3-Dichloropropene
Concen: 18.032 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48

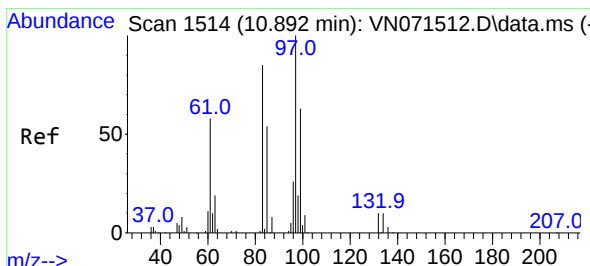
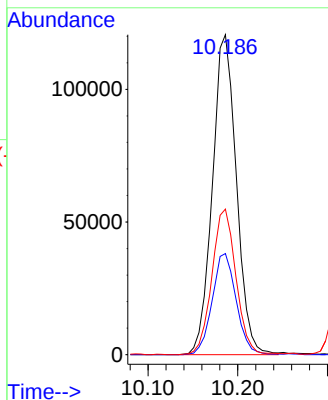
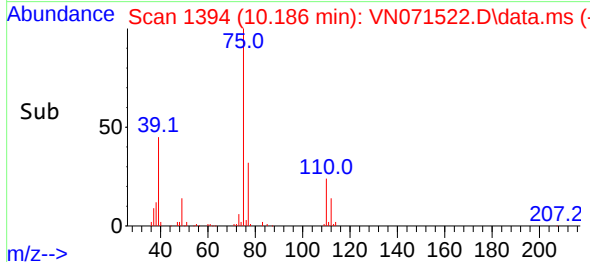
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



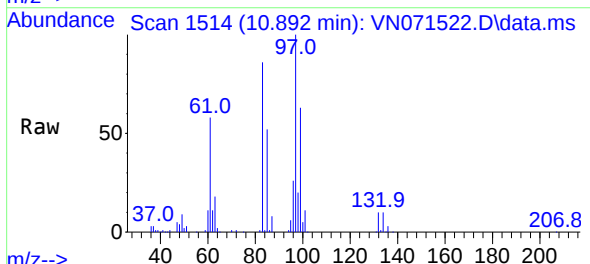
Tgt Ion: 75 Resp: 223950
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9
39 45.5 46.2 69.4

Manual Integrations
APPROVED

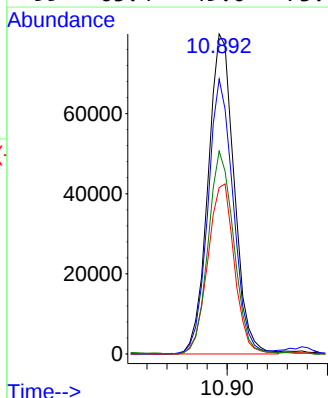
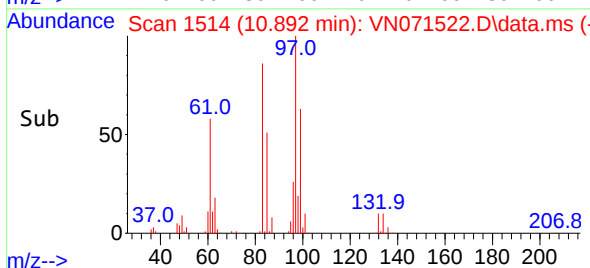
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

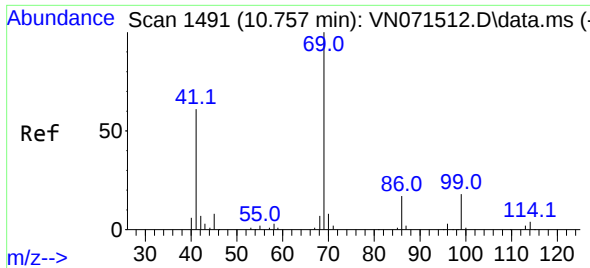


#50
1,1,2-Trichloroethane
Concen: 18.516 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48



Tgt Ion: 97 Resp: 144536
Ion Ratio Lower Upper
97 100
83 85.6 67.2 100.8
85 52.0 43.0 64.4
99 63.4 49.0 73.4





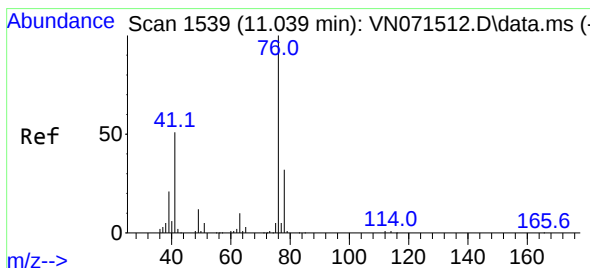
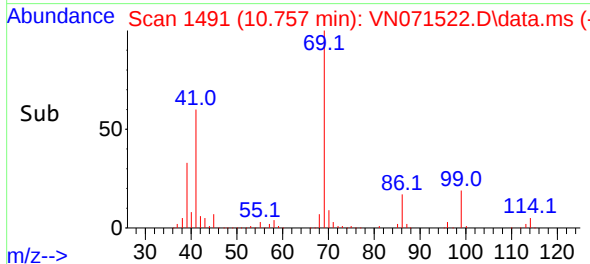
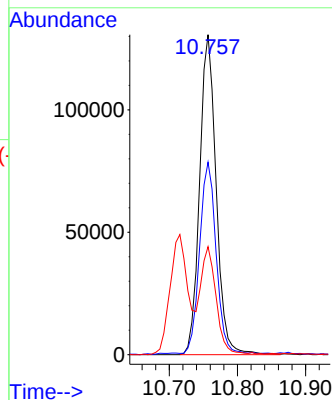
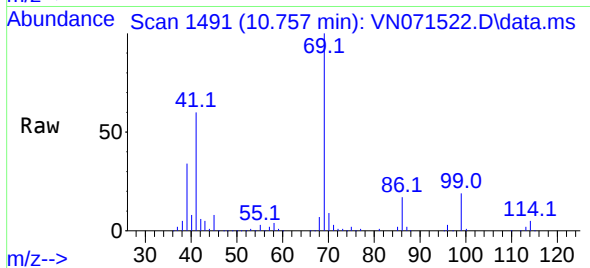
#51
Ethyl methacrylate
Concen: 18.292 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

Tgt Ion: 69 Resp: 220459
Ion Ratio Lower Upper
69 100
41 59.7 33.0 98.9
39 33.5 25.4 76.4

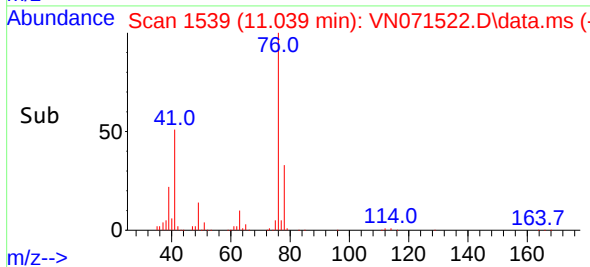
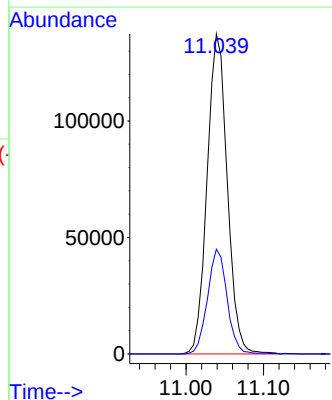
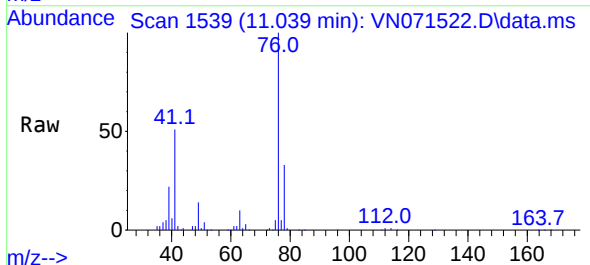
Manual Integrations
APPROVED

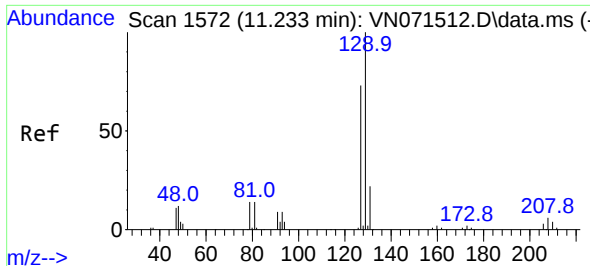
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#52
1,3-Dichloropropane
Concen: 18.590 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48

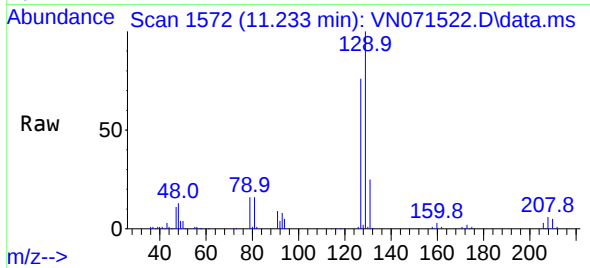
Tgt Ion: 76 Resp: 247816
Ion Ratio Lower Upper
76 100
78 31.7 0.0 65.4





#53
Dibromochloromethane
Concen: 18.071 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48

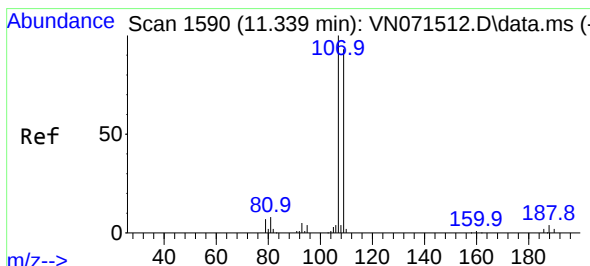
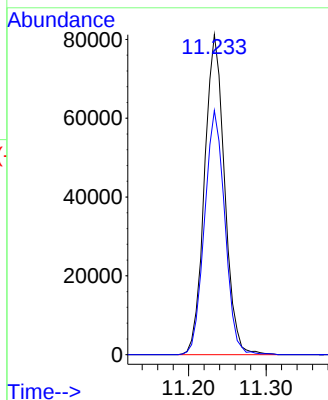
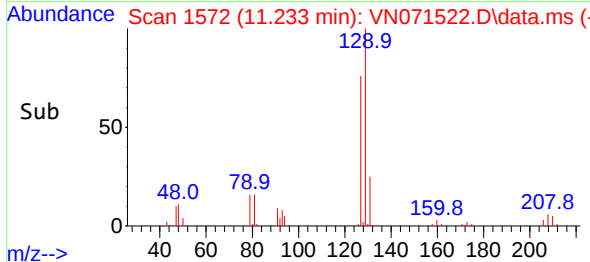
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



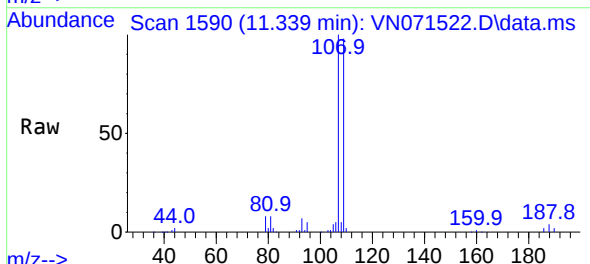
Tgt Ion:129 Resp: 14602
Ion Ratio Lower Upper
129 100
127 76.8 39.0 117.0

Manual Integrations
APPROVED

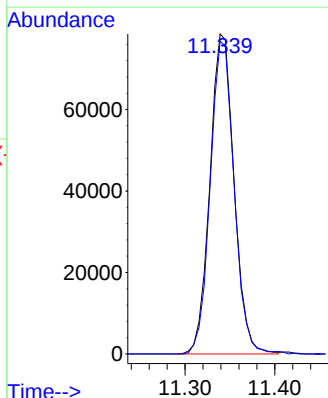
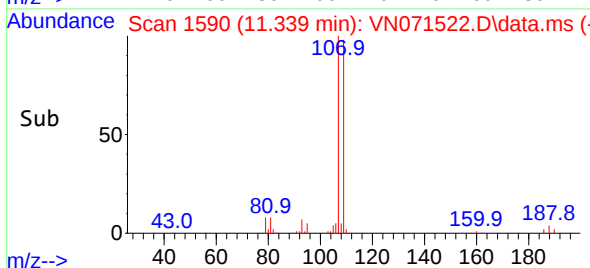
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

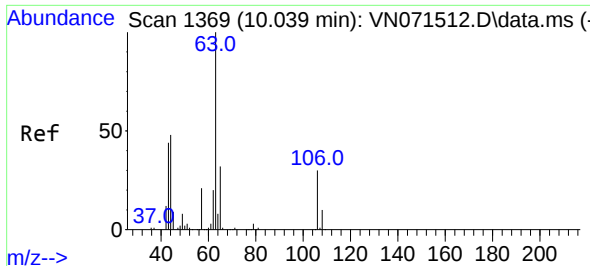


#54
1,2-Dibromoethane
Concen: 18.281 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48



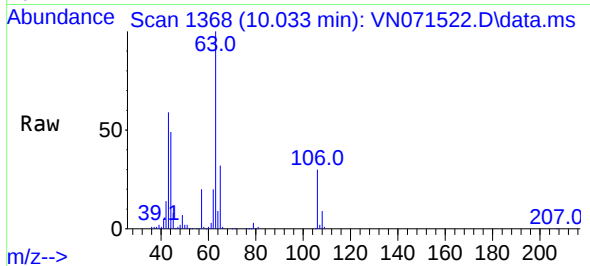
Tgt Ion:107 Resp: 146791
Ion Ratio Lower Upper
107 100
109 96.1 72.8 109.2





#55
2-Chloroethyl vinyl ether
Concen: 95.963 ug/l
RT: 10.033 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48

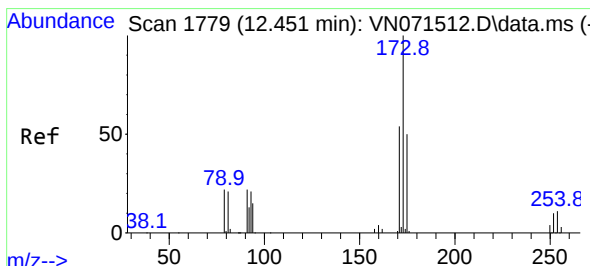
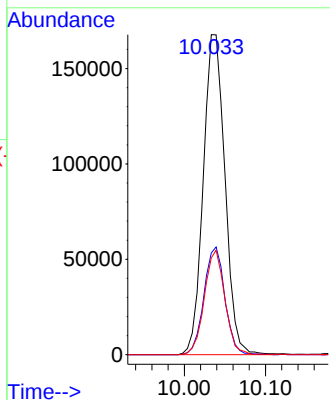
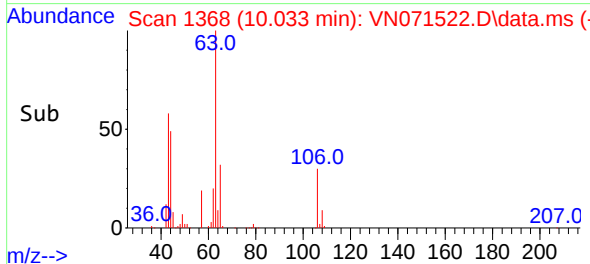
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



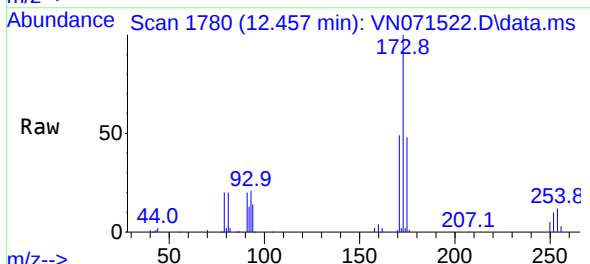
Tgt Ion: 63 Resp: 31162
Ion Ratio Lower Upper
63 100
65 32.4 25.4 38.0
106 30.7 23.2 34.8

Manual Integrations
APPROVED

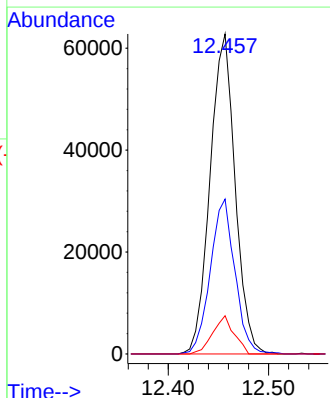
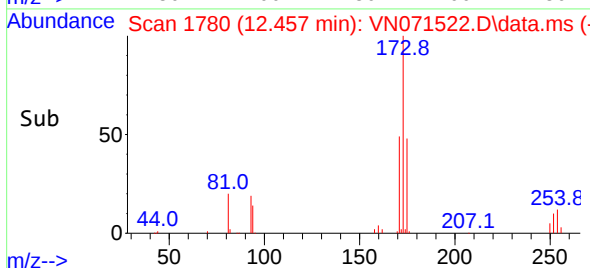
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

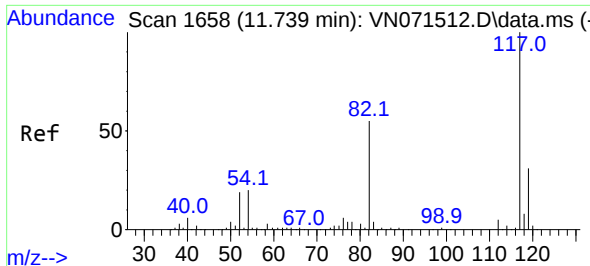


#56
Bromoform
Concen: 17.498 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48



Tgt Ion:173 Resp: 109015
Ion Ratio Lower Upper
173 100
175 47.5 38.6 58.0
254 10.2 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: VN071522.D
Acq: 24 Mar 2022 15:48

Instrument :

MSVOA_N

ClientSampleId :

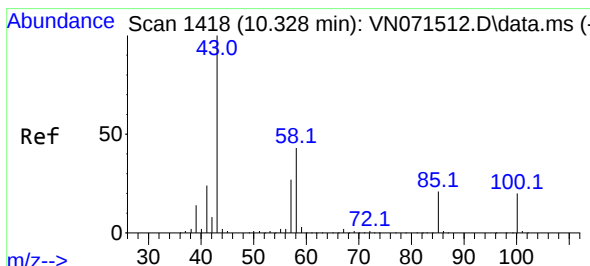
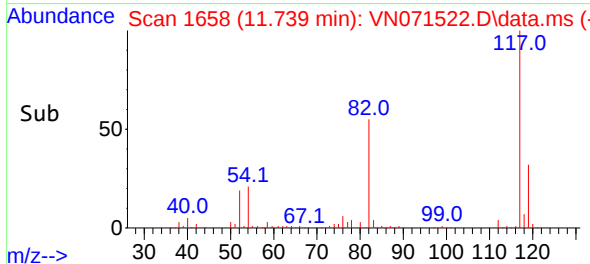
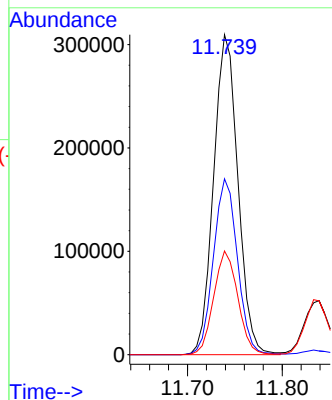
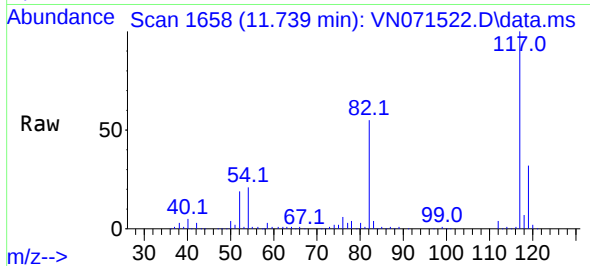
VN0324WBSD01

Tgt Ion:117 Resp: 552804
Ion Ratio Lower Upper
117 100
82 54.3 43.6 65.4
119 32.2 25.8 38.6

Manual Integrations

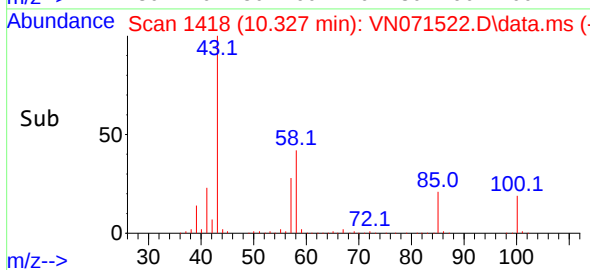
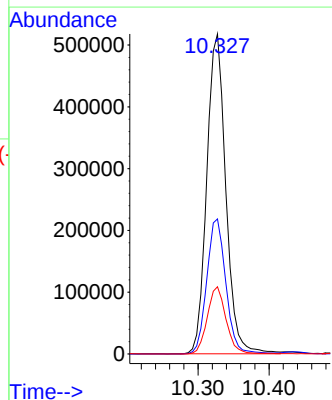
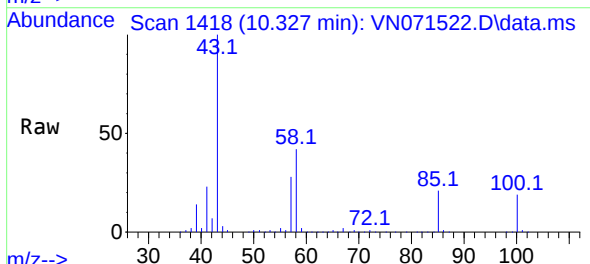
APPROVED

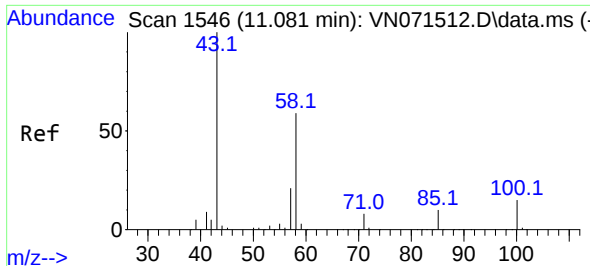
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#58
4-Methyl-2-Pentanone
Concen: 92.112 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48

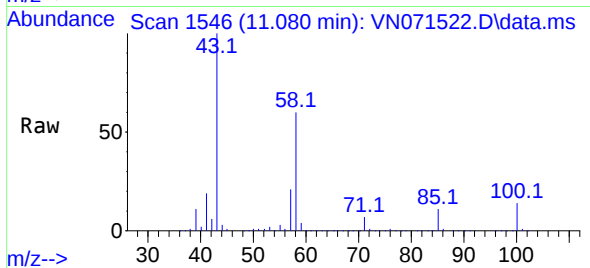
Tgt Ion: 43 Resp: 966613
Ion Ratio Lower Upper
43 100
58 42.5 30.0 45.0
85 20.7 15.0 22.6





#59
2-Hexanone
Concen: 90.407 ug/l
RT: 11.080 min Scan# 11546
Delta R.T. -0.000 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48

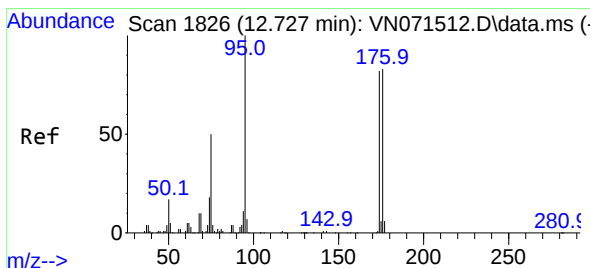
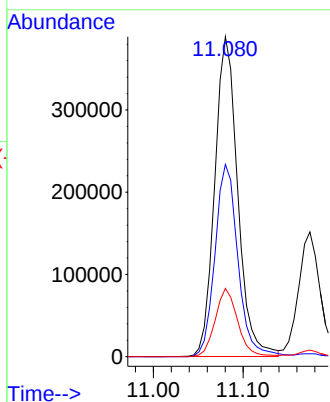
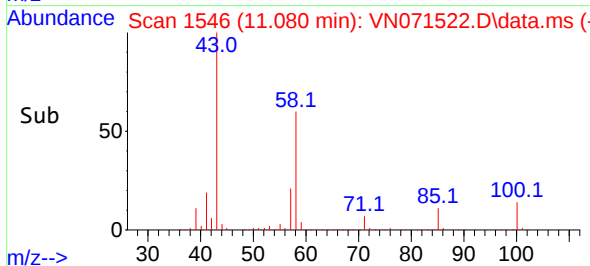
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



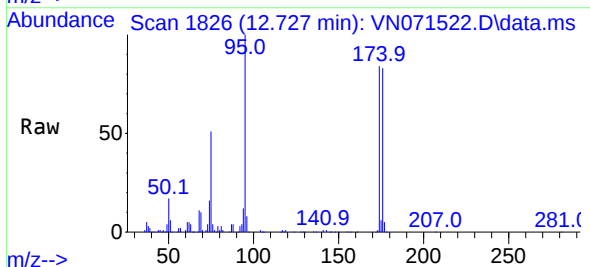
Tgt Ion: 43 Resp: 69267
Ion Ratio Lower Upper
43 100
58 60.1 42.2 63.2
57 20.9 15.0 22.4

Manual Integrations
APPROVED

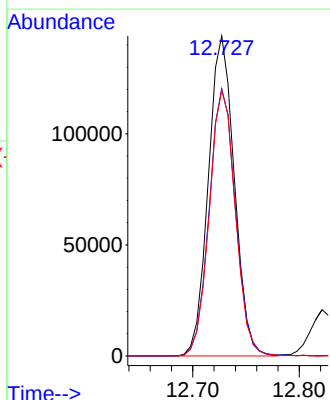
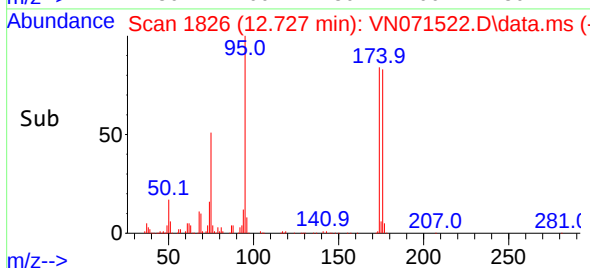
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

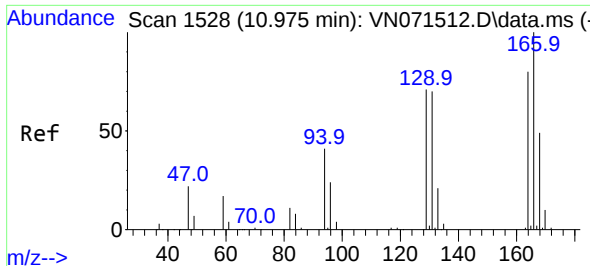


#60
4-Bromofluorobenzene
Concen: 29.785 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48



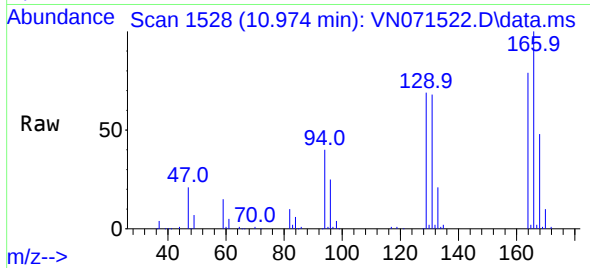
Tgt Ion: 95 Resp: 244141
Ion Ratio Lower Upper
95 100
174 84.4 62.9 94.3
176 83.1 61.0 91.4





#61
Tetrachloroethene
Concen: 18.460 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48

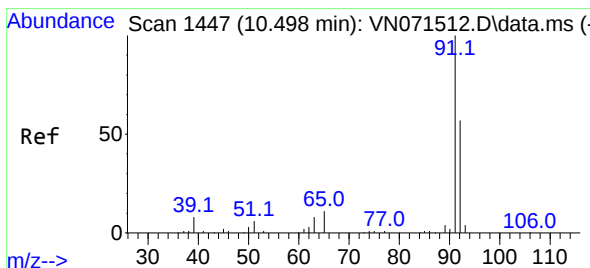
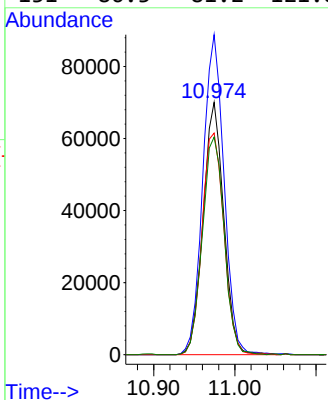
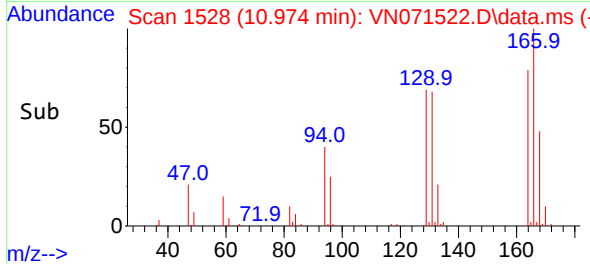
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



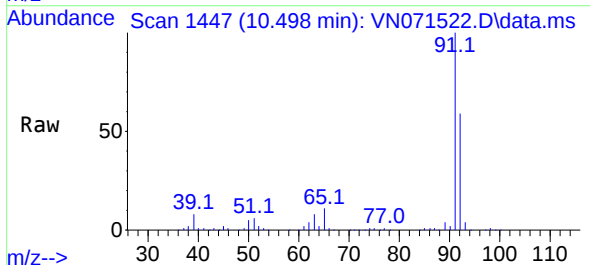
Tgt Ion:164 Resp: 124194
Ion Ratio Lower Upper
164 100
166 126.8 105.8 158.8
129 87.8 82.5 123.7
131 86.3 81.2 121.8

Manual Integrations
APPROVED

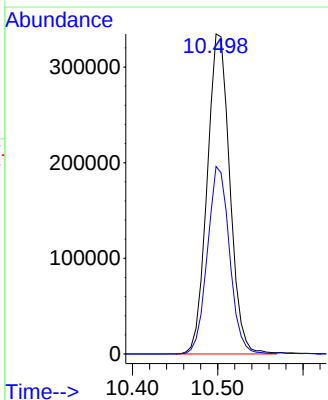
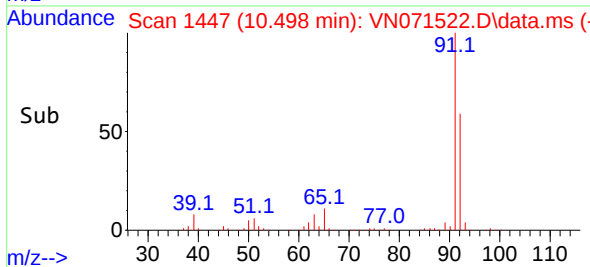
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

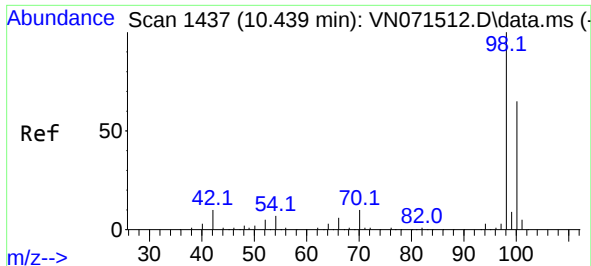


#62
Toluene
Concen: 18.419 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48



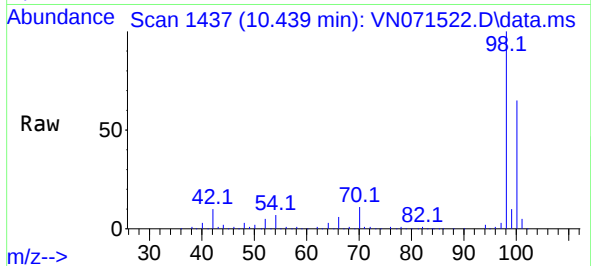
Tgt Ion: 91 Resp: 617413
Ion Ratio Lower Upper
91 100
92 57.4 44.6 67.0





#63
Toluene-d8
Concen: 30.547 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48

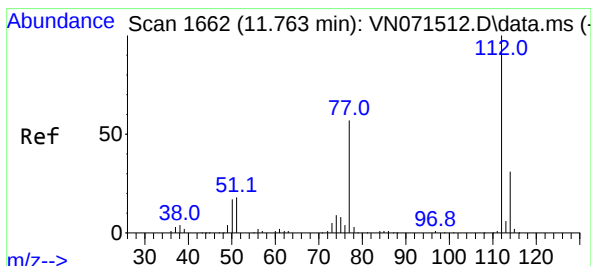
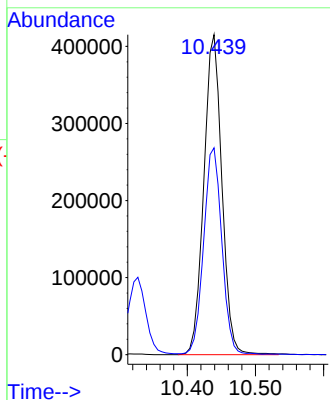
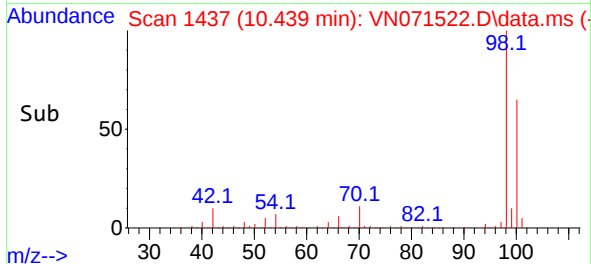
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



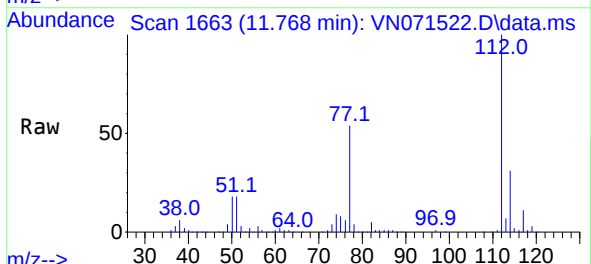
Tgt Ion: 98 Resp: 766545
Ion Ratio Lower Upper
98 100
100 64.6 50.6 76.0

Manual Integrations
APPROVED

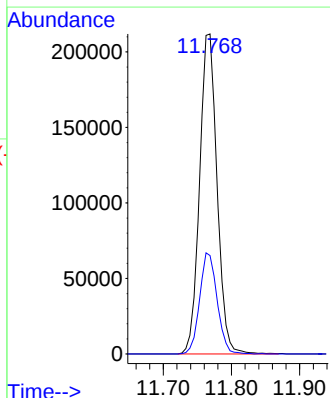
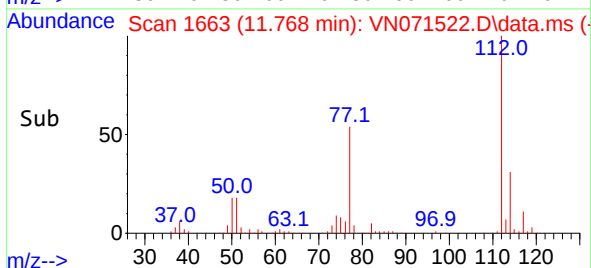
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

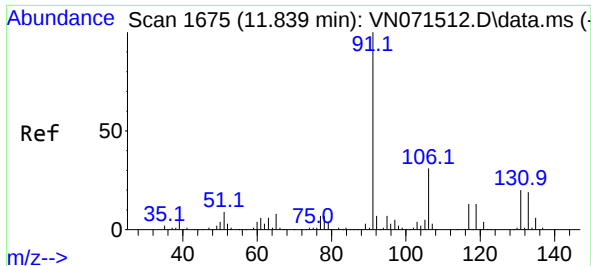


#64
Chlorobenzene
Concen: 18.280 ug/l
RT: 11.768 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48



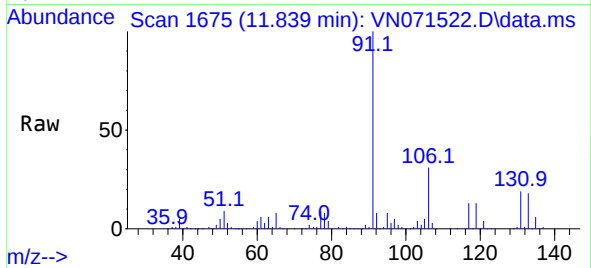
Tgt Ion:112 Resp: 377960
Ion Ratio Lower Upper
112 100
114 30.8 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 18.471 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48

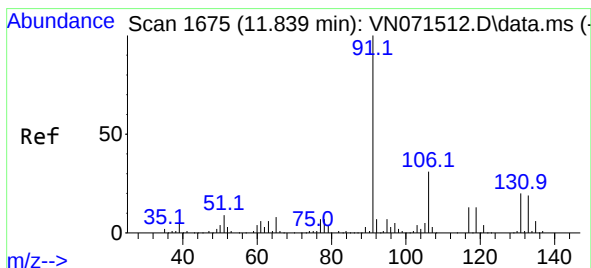
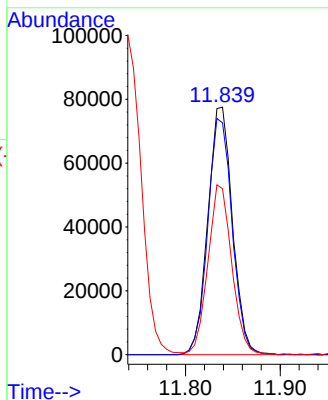
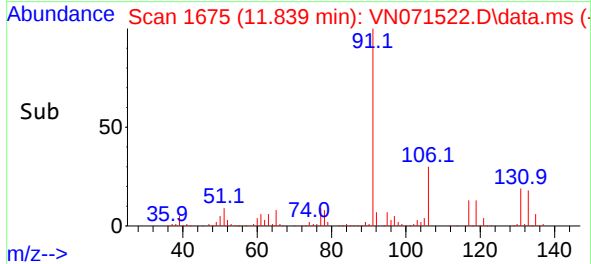
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



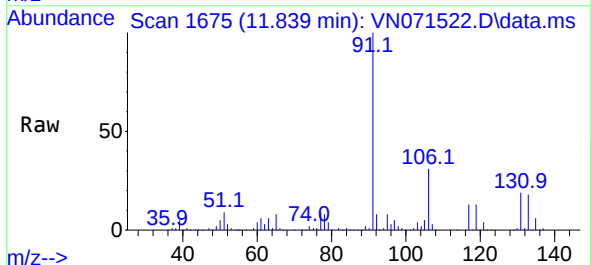
Tgt Ion:131 Resp: 14010
Ion Ratio Lower Upper
131 100
133 94.6 0.0 191.2
119 66.5 0.0 128.8

Manual Integrations
APPROVED

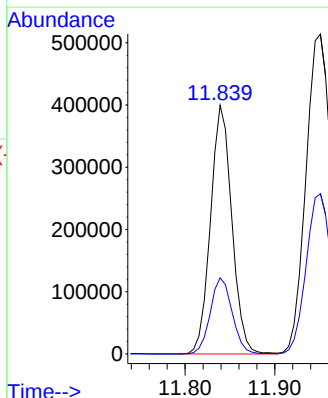
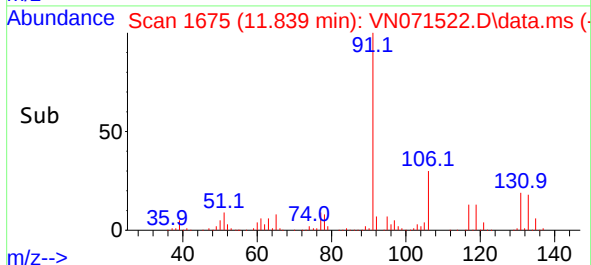
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

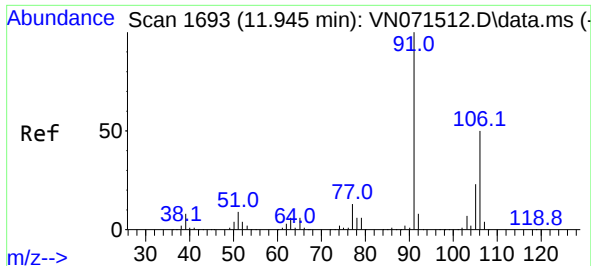


#66
Ethyl Benzene
Concen: 18.133 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48



Tgt Ion: 91 Resp: 660511
Ion Ratio Lower Upper
91 100
106 30.7 24.0 36.0





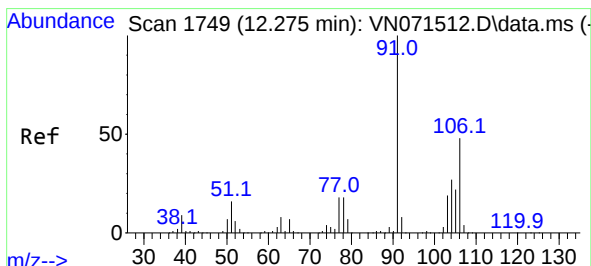
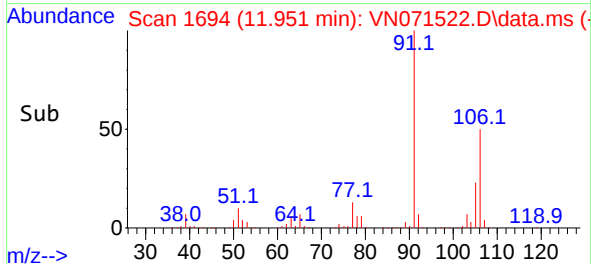
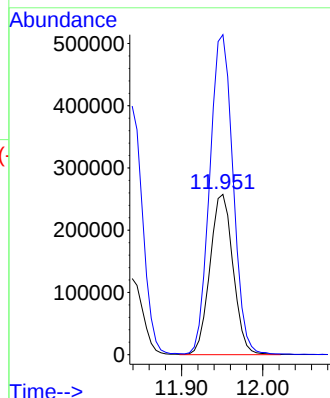
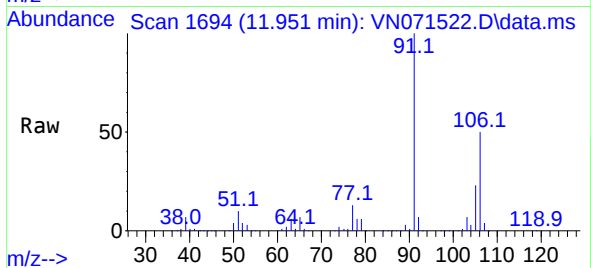
#67
m/p-Xylenes
Concen: 36.030 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

Tgt Ion:106 Resp: 51058
Ion Ratio Lower Upper
106 100
91 201.7 162.9 244.3

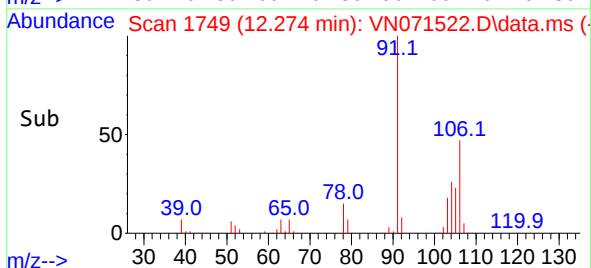
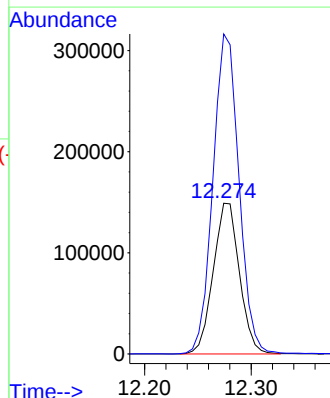
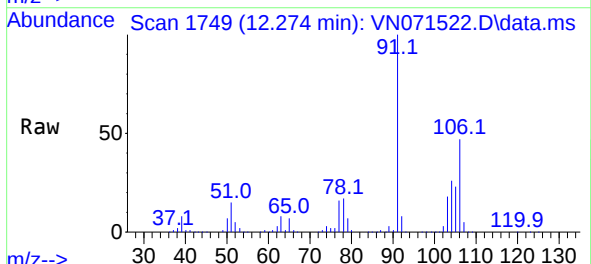
Manual Integrations
APPROVED

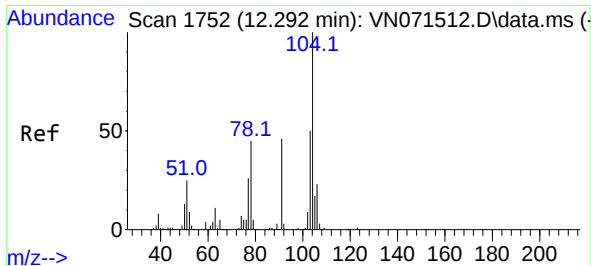
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#68
o-Xylene
Concen: 18.079 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48

Tgt Ion:106 Resp: 254647
Ion Ratio Lower Upper
106 100
91 210.5 107.7 323.1





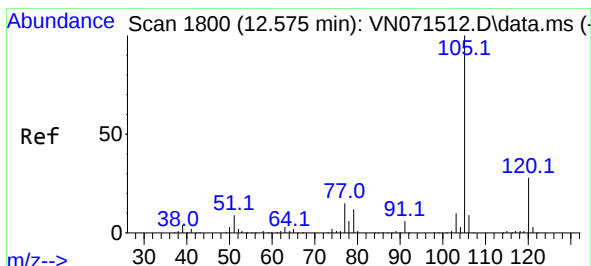
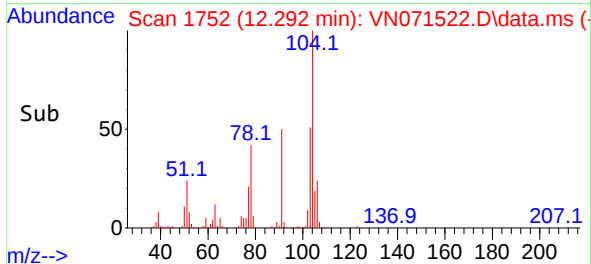
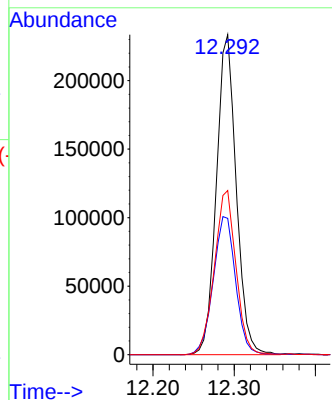
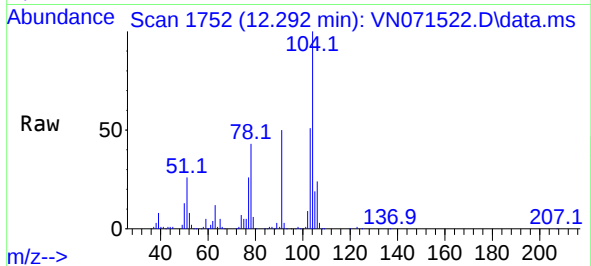
#69
Styrene
Concen: 17.932 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

Tgt Ion:104 Resp: 39751
Ion Ratio Lower Upper
104 100
78 48.5 40.7 61.1
103 55.8 45.8 68.8

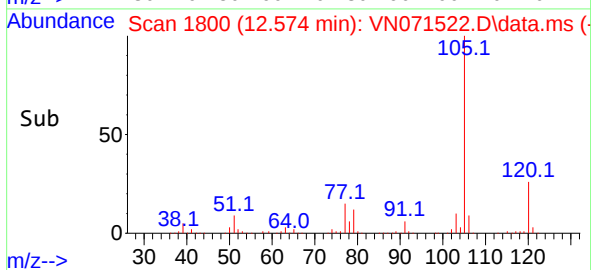
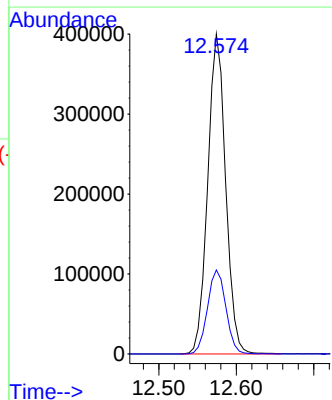
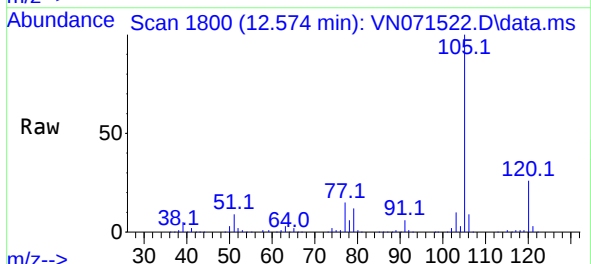
Manual Integrations
APPROVED

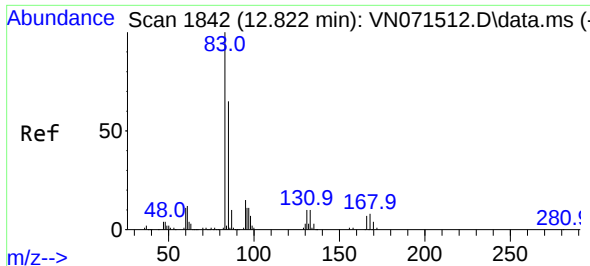
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#70
Isopropylbenzene
Concen: 18.166 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48

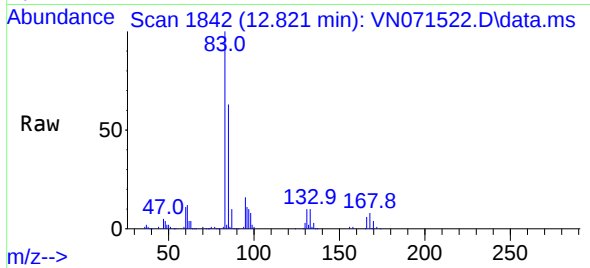
Tgt Ion:105 Resp: 642206
Ion Ratio Lower Upper
105 100
120 26.9 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 19.059 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48

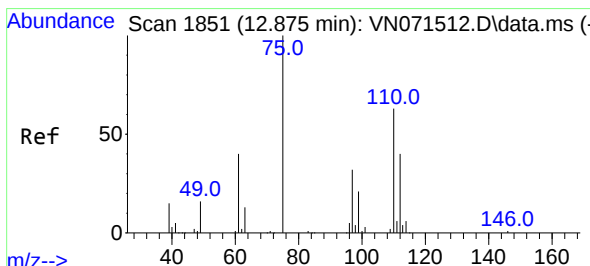
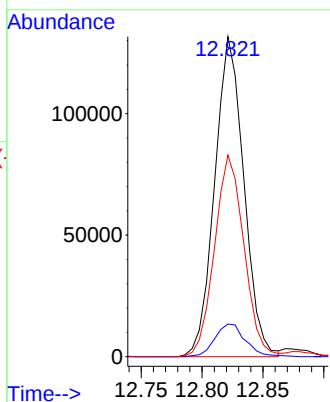
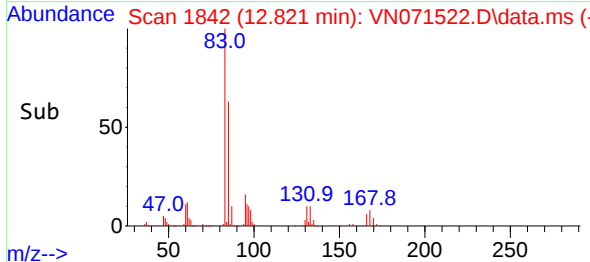
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



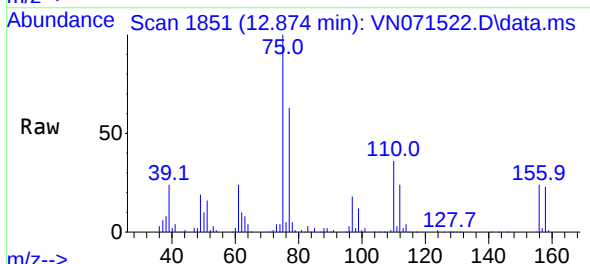
Tgt Ion: 83 Resp: 219280
Ion Ratio Lower Upper
83 100
131 10.7 5.1 15.3
85 63.4 33.1 99.2

Manual Integrations
APPROVED

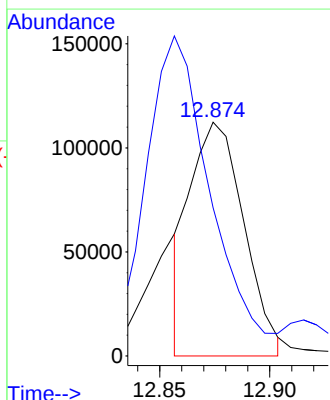
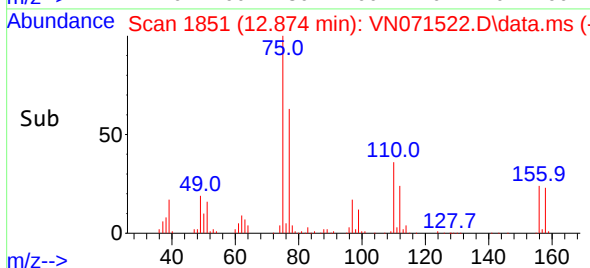
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

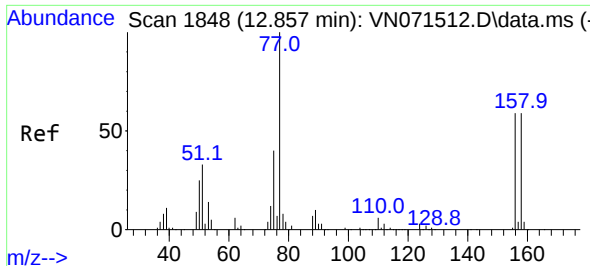


#72
1,2,3-Trichloropropane
Concen: 19.348 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48



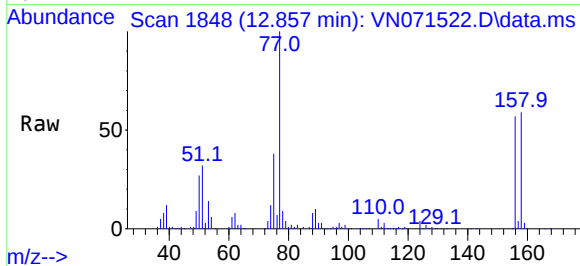
Tgt Ion: 75 Resp: 191247
Ion Ratio Lower Upper
75 100
77 166.2 0.0 378.0





#73
Bromobenzene
Concen: 17.927 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48

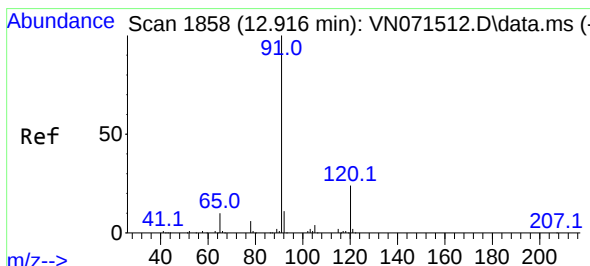
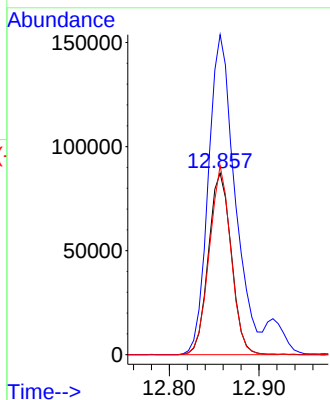
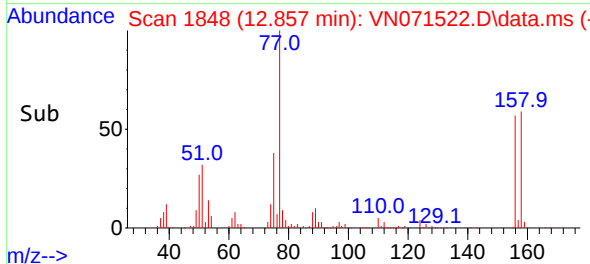
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



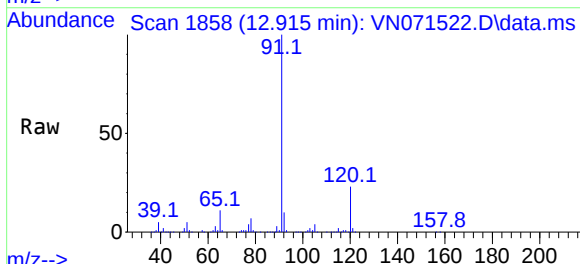
Tgt Ion:156 Resp: 154599
Ion Ratio Lower Upper
156 100
77 205.6 0.0 416.0
158 98.5 0.0 195.4

Manual Integrations
APPROVED

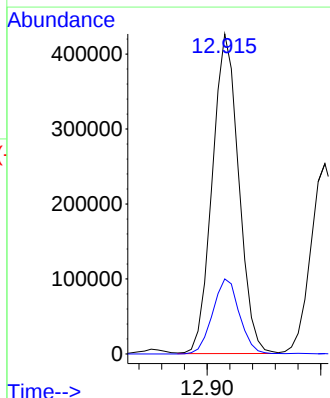
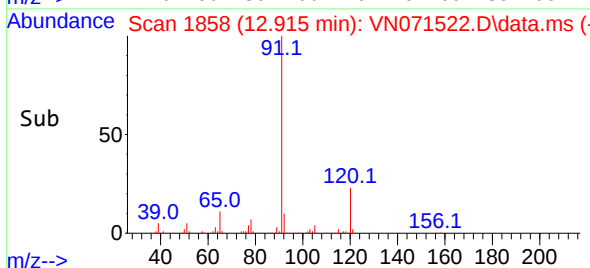
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

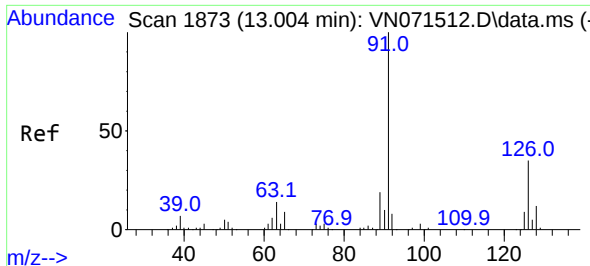


#74
n-propylbenzene
Concen: 17.870 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48



Tgt Ion: 91 Resp: 689491
Ion Ratio Lower Upper
91 100
120 23.8 0.0 45.0





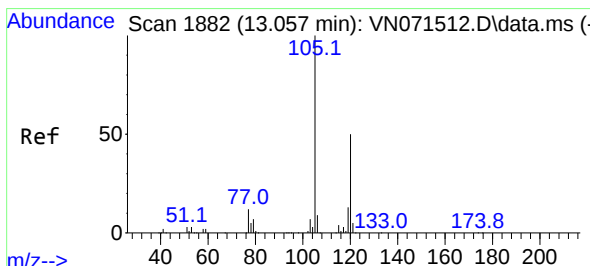
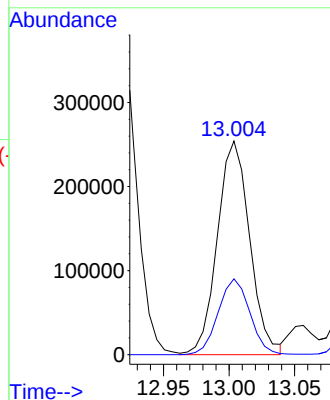
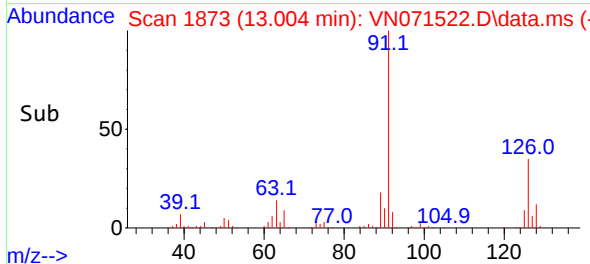
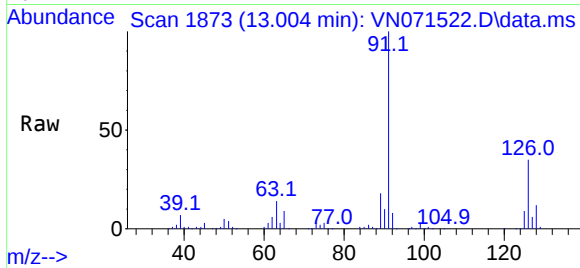
#75
2-Chlorotoluene
Concen: 18.112 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

Tgt Ion: 91 Resp: 436693
Ion Ratio Lower Upper
91 100
126 34.7 0.0 69.8

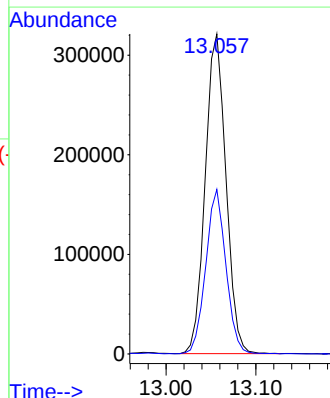
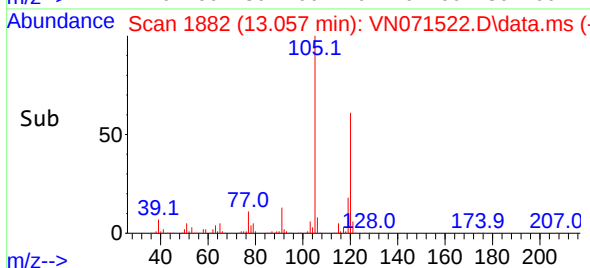
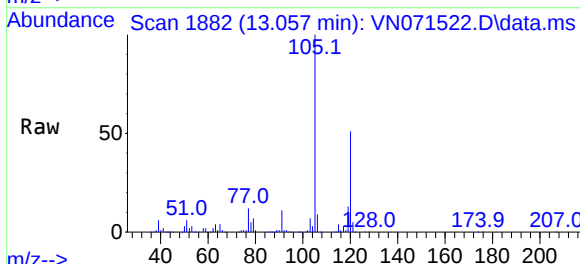
Manual Integrations
APPROVED

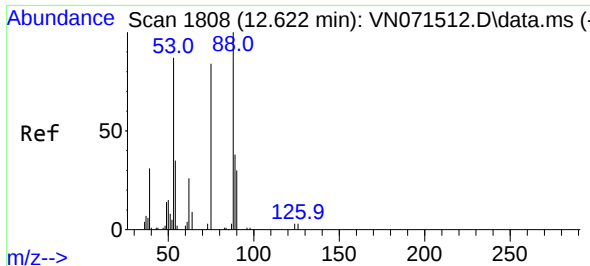
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#76
1,3,5-Trimethylbenzene
Concen: 18.149 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48

Tgt Ion:105 Resp: 514721
Ion Ratio Lower Upper
105 100
120 50.1 0.0 93.8





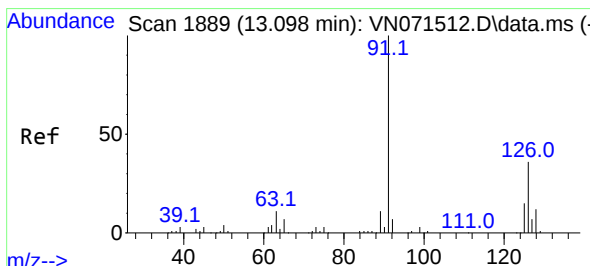
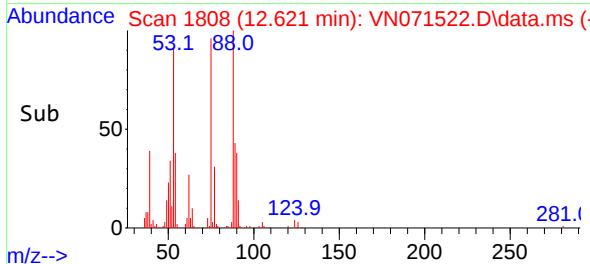
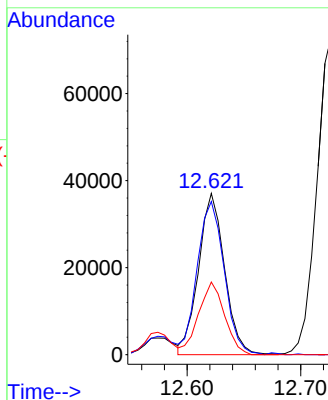
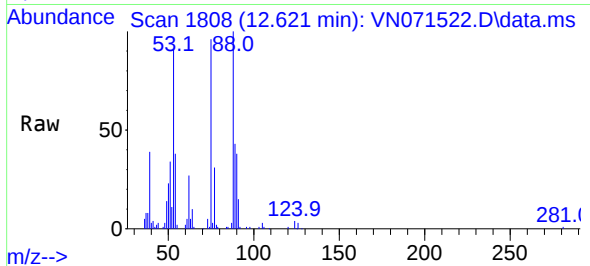
#77
t-1,4-Dichloro-2-butene
Concen: 17.039 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

Tgt Ion: 75 Resp: 5913
Ion Ratio Lower Upper
75 100
53 94.7 51.8 155.5
89 45.2 22.9 68.7

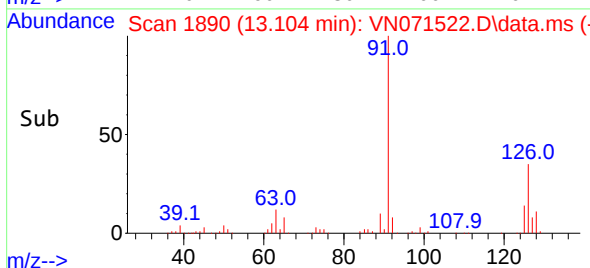
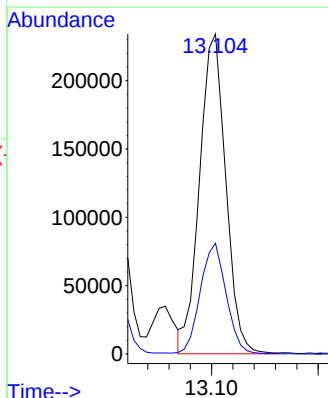
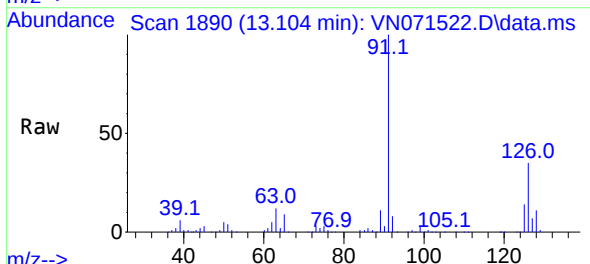
Manual Integrations
APPROVED

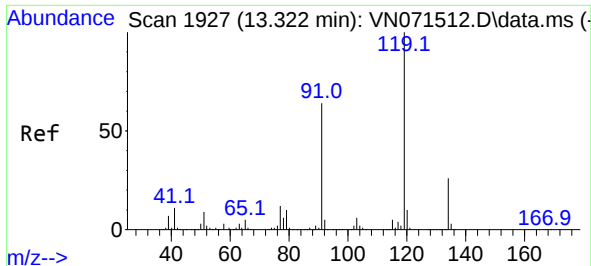
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#78
4-Chlorotoluene
Concen: 17.770 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.006 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48

Tgt Ion: 91 Resp: 400145
Ion Ratio Lower Upper
91 100
126 34.2 0.0 70.6





#79
tert-butylbenzene
Concen: 18.052 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48

Instrument :

MSVOA_N

ClientSampleId :

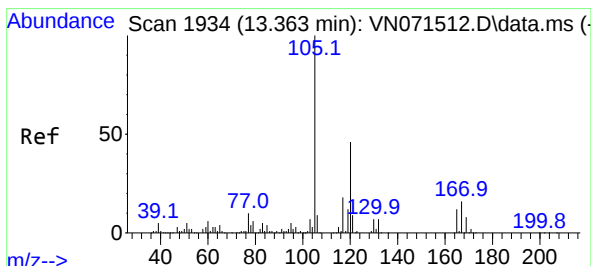
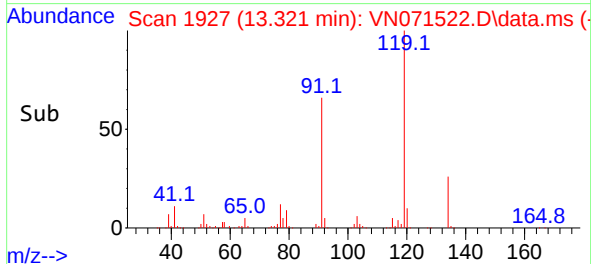
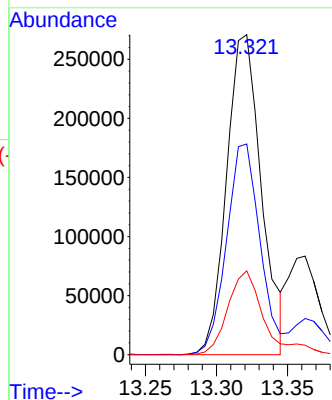
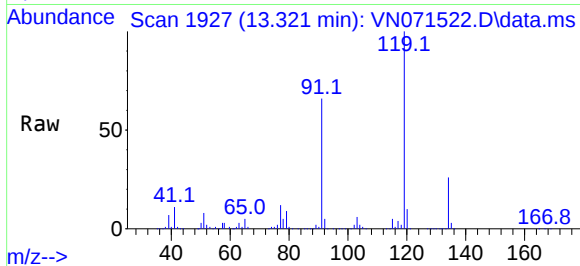
VN0324WBSD01

Tgt Ion:119 Resp: 461994
Ion Ratio Lower Upper
119 100
91 63.3 0.0 137.0
134 25.4 0.0 47.6

Manual Integrations

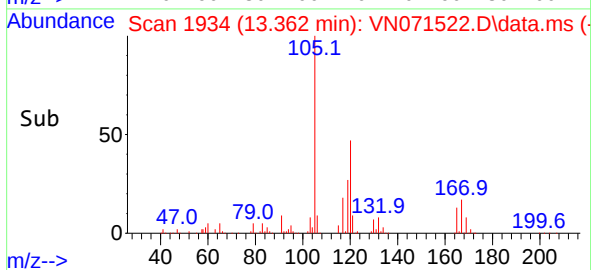
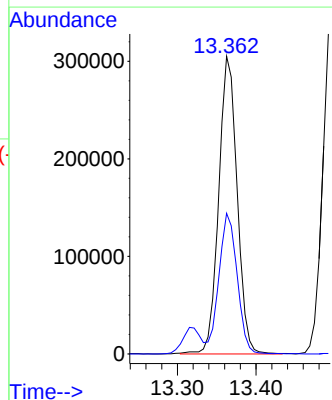
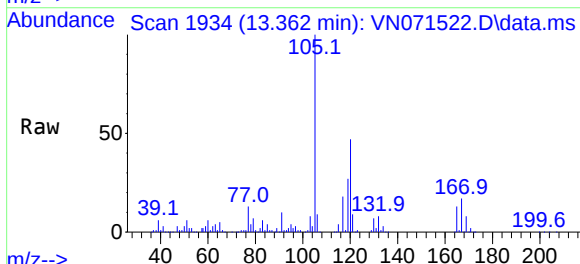
APPROVED

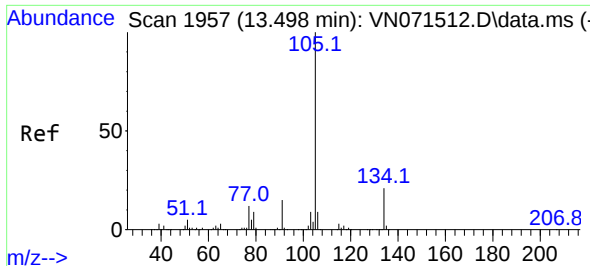
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#80
1,2,4-Trimethylbenzene
Concen: 18.070 ug/l m
RT: 13.362 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48

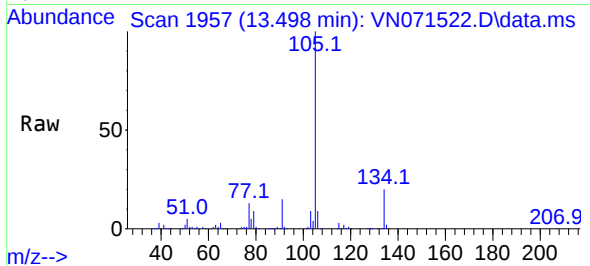
Tgt Ion:105 Resp: 497265
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2





#81
 sec-Butylbenzene
 Concen: 17.776 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN071522.D
 Acq: 24 Mar 2022 15:48

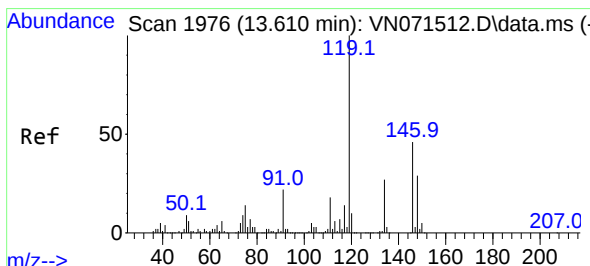
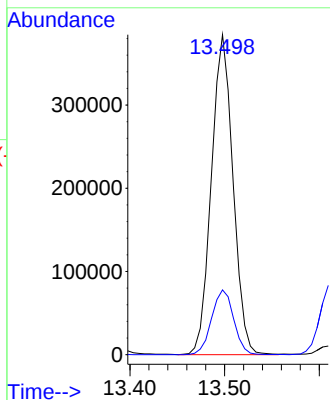
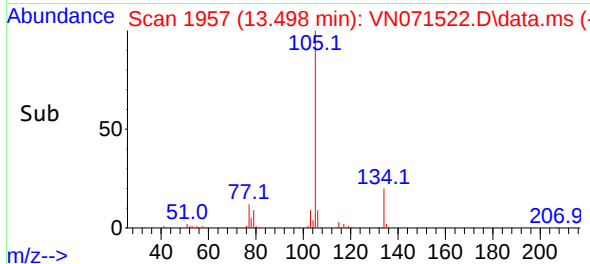
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0324WBSD01



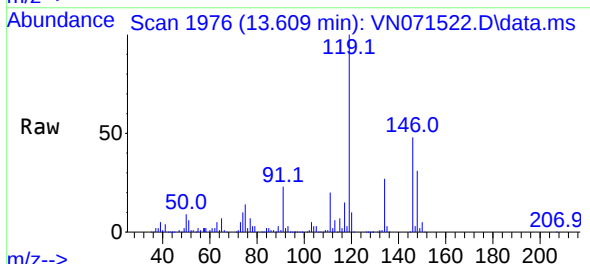
Tgt Ion:105 Resp: 611272
 Ion Ratio Lower Upper
 105 100
 134 20.6 0.0 39.4

Manual Integrations
 APPROVED

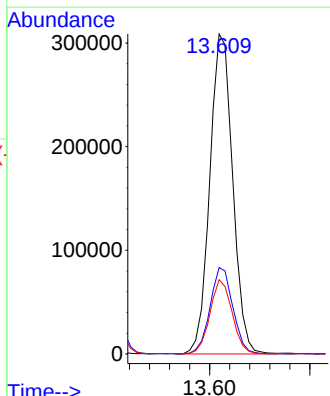
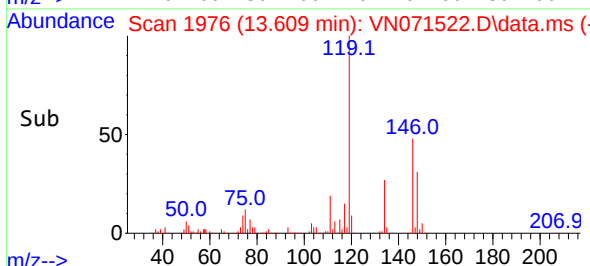
Reviewed By :John Carlone 03/25/2022
 Supervised By :Mahesh Dadoda 03/25/2022

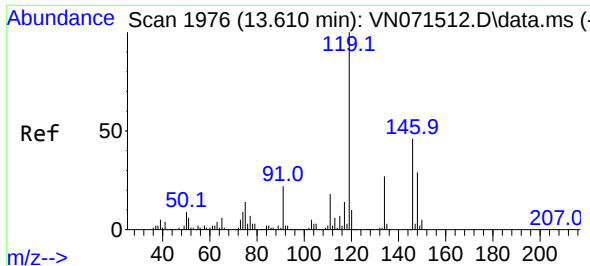


#82
 p-Isopropyltoluene
 Concen: 17.496 ug/l
 RT: 13.609 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071522.D
 Acq: 24 Mar 2022 15:48



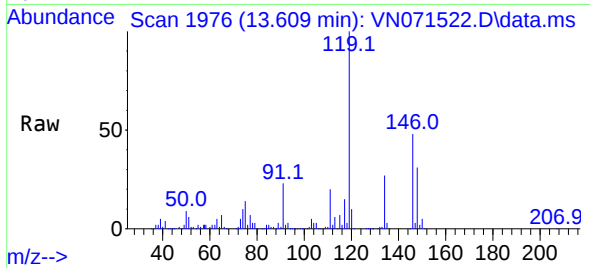
Tgt Ion:119 Resp: 488849
 Ion Ratio Lower Upper
 119 100
 134 26.9 0.0 51.8
 91 22.3 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 18.029 ug/l
RT: 13.609 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48

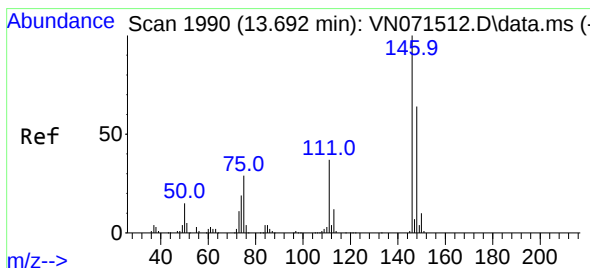
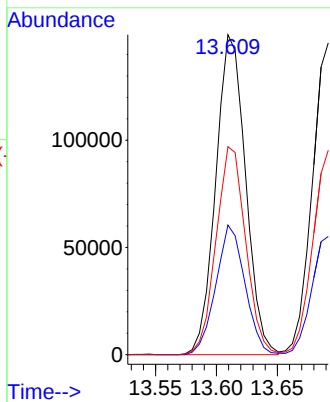
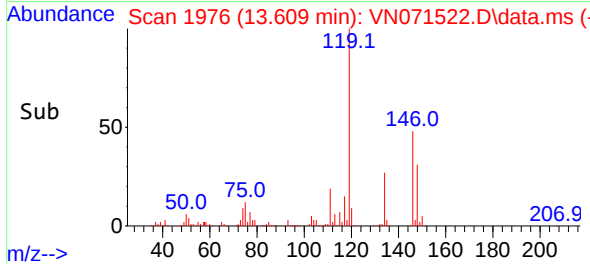
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



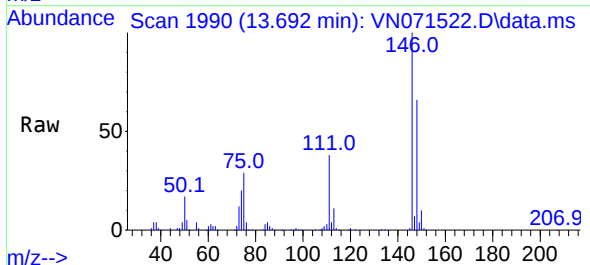
Tgt Ion:146 Resp: 254424
Ion Ratio Lower Upper
146 100
111 39.7 20.8 62.2
148 64.6 31.4 94.3

Manual Integrations
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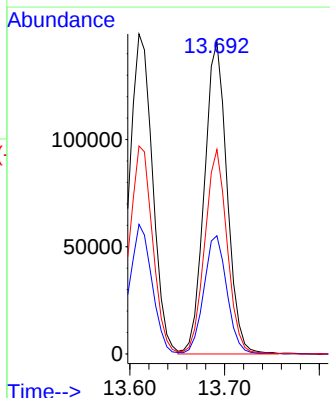
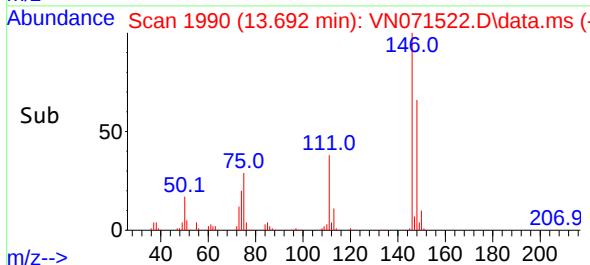
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

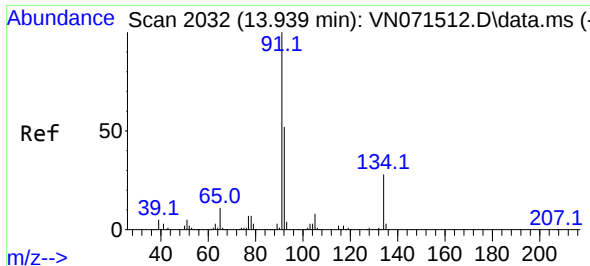


#84
1,4-Dichlorobenzene
Concen: 17.963 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48



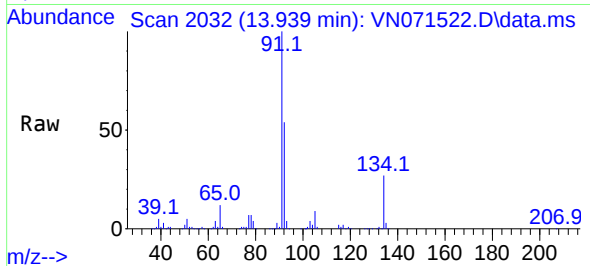
Tgt Ion:146 Resp: 241948
Ion Ratio Lower Upper
146 100
111 38.3 19.5 58.5
148 64.7 31.1 93.5





#85
n-Butylbenzene
Concen: 16.406 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48

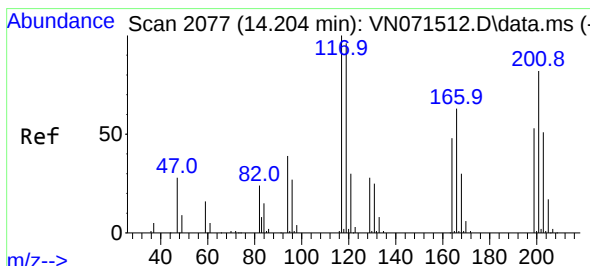
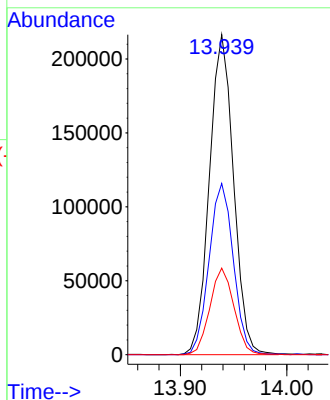
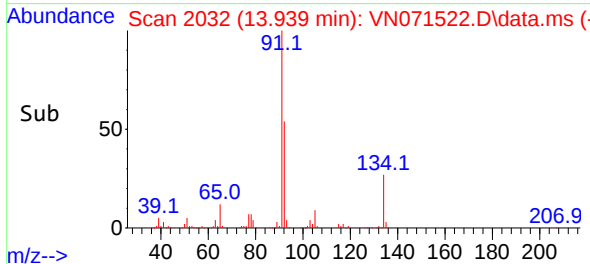
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



Tgt Ion: 91 Resp: 340470
Ion Ratio Lower Upper
91 100
92 53.9 0.0 100.6
134 27.0 0.0 50.2

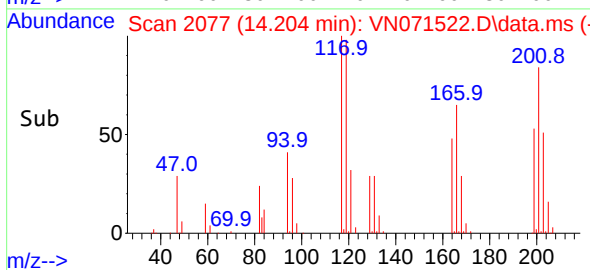
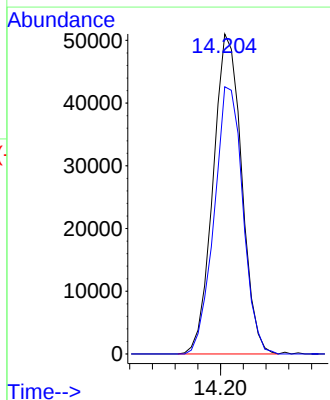
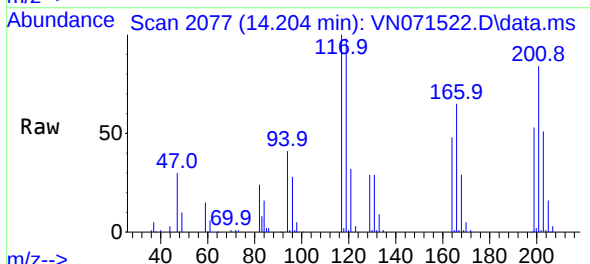
Manual Integrations
APPROVED

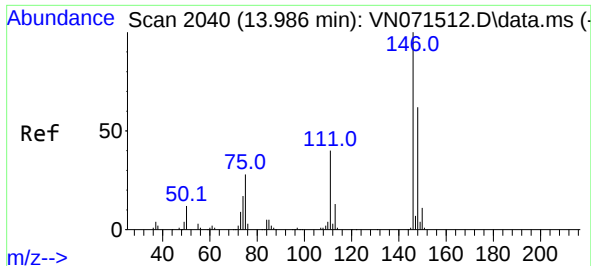
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#86
Hexachloroethane
Concen: 17.032 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48

Tgt Ion:117 Resp: 88867
Ion Ratio Lower Upper
117 100
201 84.0 33.3 99.8





#87

1,2-Dichlorobenzene

Concen: 18.595 ug/l

RT: 13.986 min Scan# 2040

Delta R.T. -0.000 min

Lab File: VN071522.D

Acq: 24 Mar 2022 15:48

Instrument :

MSVOA_N

ClientSampleId :

VN0324WBSD01

Tgt Ion:146 Resp: 25369

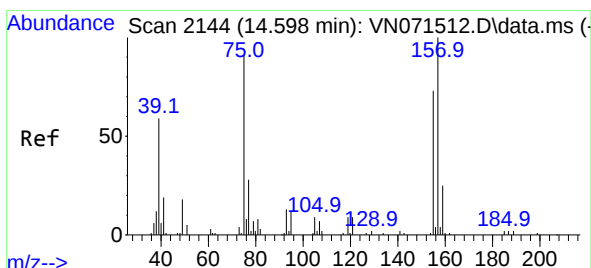
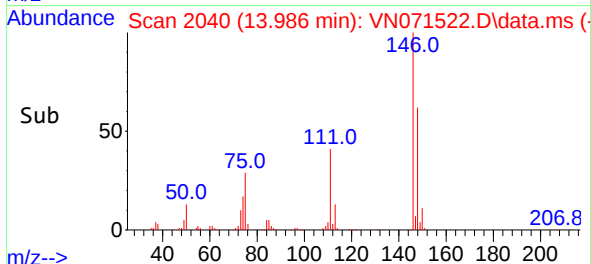
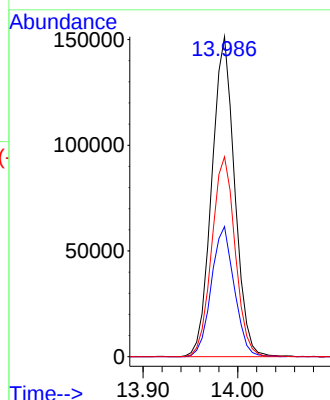
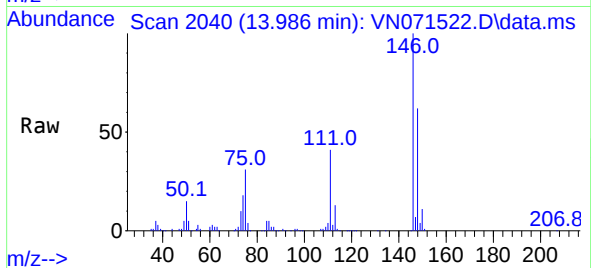
Ion	Ratio	Lower	Upper
146	100		
111	40.7	21.4	64.2
148	63.7	32.5	97.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2022

Supervised By :Mahesh Dadoda 03/25/2022



#88

1,2-Dibromo-3-Chloropropane

Concen: 17.651 ug/l

RT: 14.598 min Scan# 2144

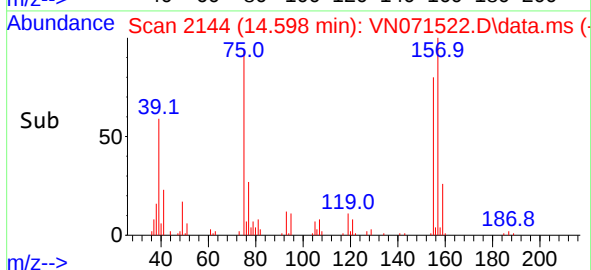
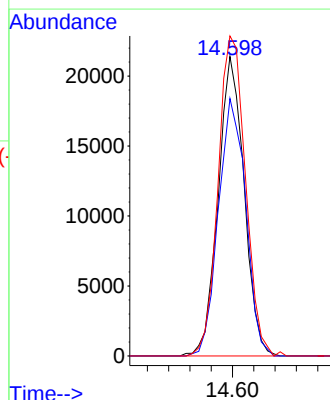
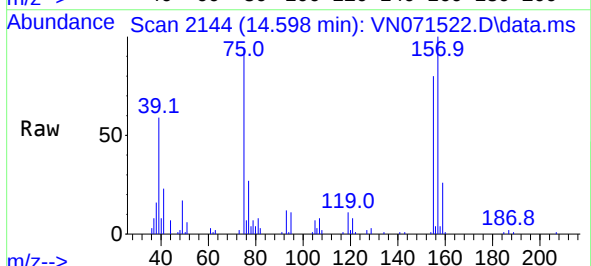
Delta R.T. -0.000 min

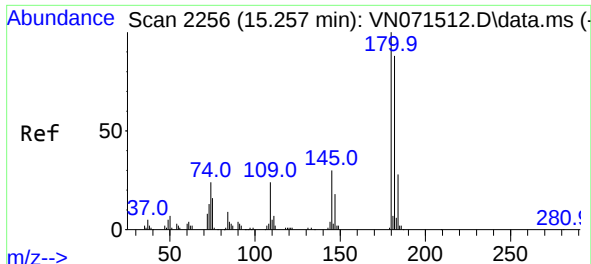
Lab File: VN071522.D

Acq: 24 Mar 2022 15:48

Tgt Ion: 75 Resp: 36133

Ion	Ratio	Lower	Upper
75	100		
155	90.3	63.8	95.8
157	112.3	77.9	116.9





#89

1,2,4-Trichlorobenzene

Concen: 17.118 ug/l

RT: 15.262 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN071522.D

Acq: 24 Mar 2022 15:48

Instrument :

MSVOA_N

ClientSampleId :

VN0324WBSD01

Tgt Ion:180 Resp: 107954

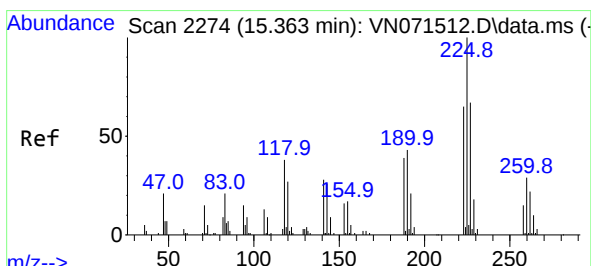
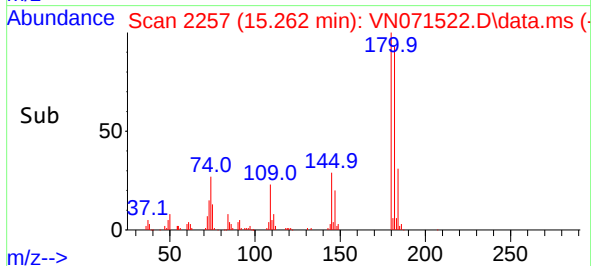
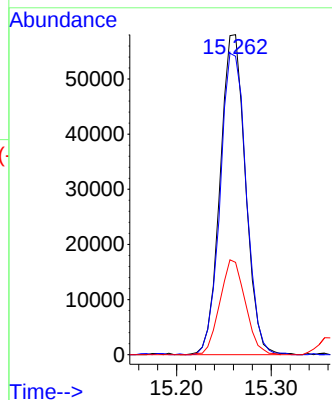
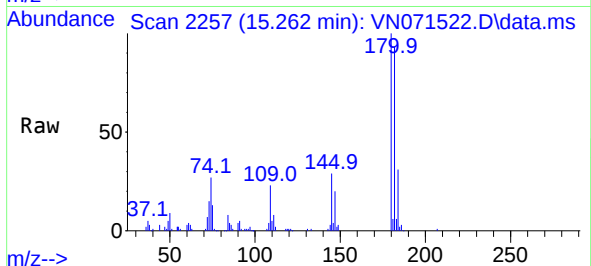
Ion	Ratio	Lower	Upper
180	100		
182	96.4	77.7	116.5
145	29.8	26.6	39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2022

Supervised By :Mahesh Dadoda 03/25/2022



#90

Hexachlorobutadiene

Concen: 19.274 ug/l

RT: 15.368 min Scan# 2275

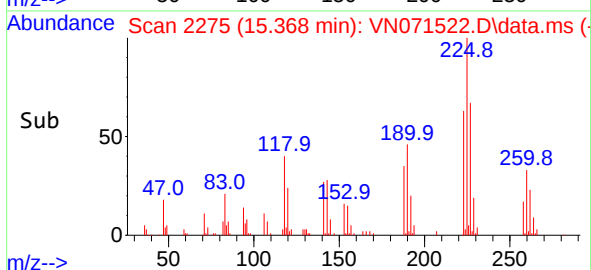
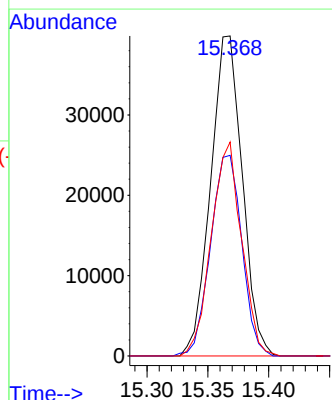
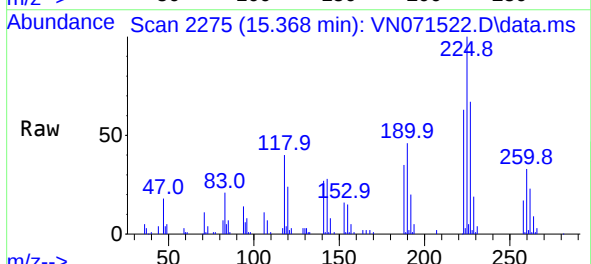
Delta R.T. 0.006 min

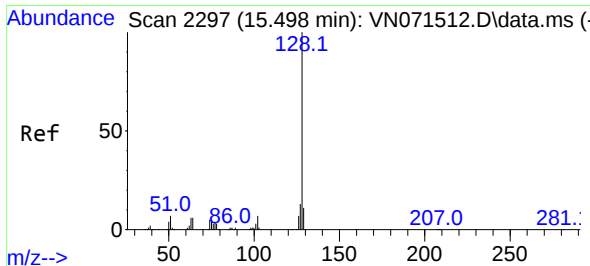
Lab File: VN071522.D

Acq: 24 Mar 2022 15:48

Tgt Ion:225 Resp: 72028

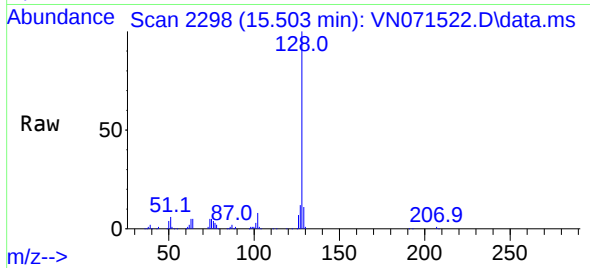
Ion	Ratio	Lower	Upper
225	100		
223	62.0	0.0	126.8
227	63.8	0.0	123.0





#91
Naphthalene
Concen: 18.245 ug/l
RT: 15.503 min Scan# 2298
Delta R.T. 0.005 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48

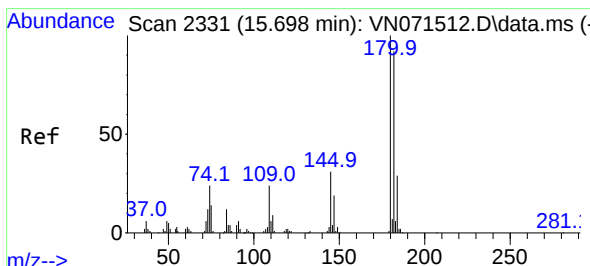
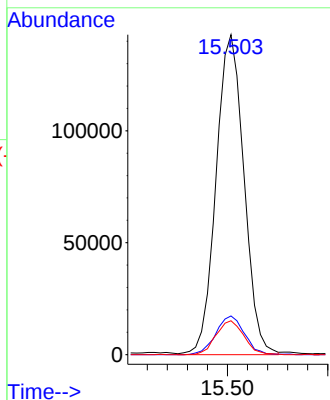
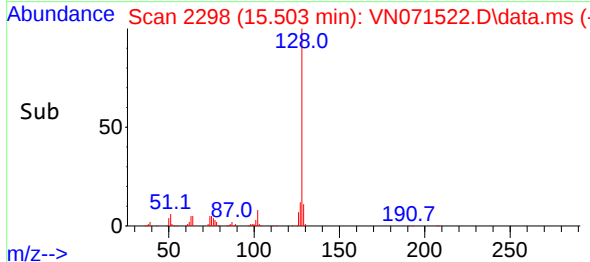
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



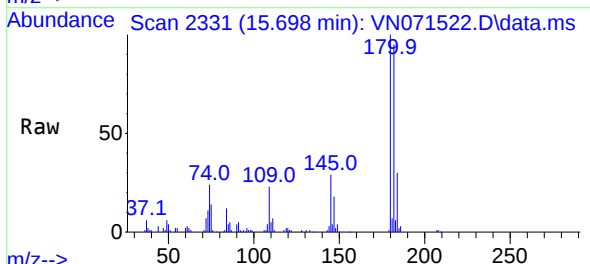
Tgt Ion:128 Resp: 276090
Ion Ratio Lower Upper
128 100
127 12.4 10.7 16.1
129 10.6 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#92
1,2,3-Trichlorobenzene
Concen: 17.204 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VN071522.D
Acq: 24 Mar 2022 15:48



Tgt Ion:180 Resp: 106409
Ion Ratio Lower Upper
180 100
182 94.8 0.0 190.0
145 30.6 0.0 67.8

