

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033022\
 Data File : VN071658.D
 Acq On : 30 Mar 2022 14:56
 Operator : JC\MD
 Sample : VN0330WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0330WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/31/2022
 Supervised By : Mahesh Dadoda 04/01/2022

Quant Time: Mar 31 01:33:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 19:18:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	521674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	804309	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	730461	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	299735	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	313768	52.685	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.380%			
35) Dibromofluoromethane	8.016	113	252376	53.324	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.640%			
50) Toluene-d8	10.439	98	1021047	52.737	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.480%			
62) 4-Bromofluorobenzene	12.727	95	332953	53.173	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 106.340%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	85192	20.541	ug/l	95
3) Chloromethane	2.299	50	100995	19.217	ug/l	96
4) Vinyl Chloride	2.446	62	114449	19.831	ug/l	98
5) Bromomethane	2.846	94	80867	21.555	ug/l	98
6) Chloroethane	3.016	64	78071	18.804	ug/l	98
7) Trichlorofluoromethane	3.375	101	148695	20.251	ug/l	99
8) Diethyl Ether	3.822	74	64287	20.717	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.216	101	93468	20.656	ug/l	100
10) Methyl Iodide	4.422	142	126372	19.979	ug/l	98
11) Tert butyl alcohol	5.357	59	104958	108.598	ug/l	98
12) 1,1-Dichloroethene	4.187	96	84567	19.640	ug/l	96
13) Acrolein	4.040	56	124743	105.855	ug/l	98
14) Allyl chloride	4.840	41	140079	20.043	ug/l	98
15) Acrylonitrile	5.551	53	299535	106.625	ug/l	99
16) Acetone	4.281	43	236638	92.975	ug/l	96
17) Carbon Disulfide	4.534	76	185495	18.776	ug/l	99
18) Methyl Acetate	4.851	43	132629	20.139	ug/l	100
19) Methyl tert-butyl Ether	5.604	73	341690	21.360	ug/l	96
20) Methylene Chloride	5.093	84	107775	20.090	ug/l	97
21) trans-1,2-Dichloroethene	5.598	96	93012	19.677	ug/l	97
22) Diisopropyl ether	6.487	45	323849	21.285	ug/l	98
23) Vinyl Acetate	6.428	43	1348173	111.428	ug/l	99
24) 1,1-Dichloroethane	6.387	63	182919	20.479	ug/l	99
25) 2-Butanone	7.328	43	376144	102.514	ug/l	99
26) 2,2-Dichloropropane	7.322	77	155931	20.322	ug/l	99
27) cis-1,2-Dichloroethene	7.316	96	117712	20.307	ug/l	100
28) Bromochloromethane	7.651	49	73059	20.277	ug/l	98
29) Tetrahydrofuran	7.681	42	253970	106.897	ug/l	99
30) Chloroform	7.816	83	194888	20.664	ug/l	97
31) Cyclohexane	8.092	56	157567	19.455	ug/l #	95
32) 1,1,1-Trichloroethane	8.010	97	162954	20.197	ug/l	99
36) 1,1-Dichloropropene	8.216	75	135287	20.469	ug/l	99
37) Ethyl Acetate	7.404	43	158576	21.921	ug/l	99
38) Carbon Tetrachloride	8.198	117	133923	20.675	ug/l	99
39) Methylcyclohexane	9.457	83	164342	20.889	ug/l	99
40) Benzene	8.457	78	434790	20.825	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	82599	23.319	ug/l	90
42) 1,2-Dichloroethane	8.528	62	153521	21.256	ug/l	99
43) Isopropyl Acetate	8.551	43	244472	20.318	ug/l	99
44) Trichloroethene	9.210	130	111481	20.726	ug/l	99
45) 1,2-Dichloropropane	9.486	63	109489	20.992	ug/l	99
46) Dibromomethane	9.575	93	74816	21.126	ug/l	99
47) Bromodichloromethane	9.757	83	150783	21.630	ug/l	98
48) Methyl methacrylate	9.557	41	112643	22.564	ug/l	99
49) 1,4-Dioxane	9.563	88	52182	432.774	ug/l	96
51) 4-Methyl-2-Pentanone	10.328	43	763788	110.405	ug/l	100
52) Toluene	10.504	92	276675	20.964	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	158213	21.655	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	173502	21.493	ug/l	98
55) 1,1,2-Trichloroethane	10.892	97	116520	21.452	ug/l	96
56) Ethyl methacrylate	10.757	69	171490	22.131	ug/l	100
57) 1,3-Dichloropropane	11.039	76	194265	21.391	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	203332	96.417	ug/l	100
59) 2-Hexanone	11.080	43	549259	112.769	ug/l	99
60) Dibromochloromethane	11.233	129	115267	21.764	ug/l	99
61) 1,2-Dibromoethane	11.339	107	117519	21.980	ug/l	100
64) Tetrachloroethene	10.975	164	98278	20.375	ug/l	98
65) Chlorobenzene	11.763	112	303209	20.730	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.833	131	110437	20.924	ug/l	100
67) Ethyl Benzene	11.839	91	521285	21.053	ug/l	97
68) m/p-Xylenes	11.945	106	407992	42.885	ug/l	100
69) o-Xylene	12.274	106	202484	21.443	ug/l	99
70) Styrene	12.292	104	318601	22.268	ug/l	100
71) Bromoform	12.451	173	88920	22.124	ug/l #	98
73) Isopropylbenzene	12.574	105	514804	20.382	ug/l	99
74) N-amyl acetate	12.386	43	159860	22.090	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.822	83	177598	21.074	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	149340m	21.508	ug/l	
77) Bromobenzene	12.857	156	126513	19.981	ug/l	98
78) n-propylbenzene	12.916	91	550308	20.712	ug/l	100
79) 2-Chlorotoluene	13.004	91	346028	20.308	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	418703	20.922	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.622	75	47173	21.054	ug/l	98
82) 4-Chlorotoluene	13.098	91	327340	20.726	ug/l	99
83) tert-Butylbenzene	13.321	119	379264	20.733	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	412538	21.128	ug/l	99
85) sec-Butylbenzene	13.498	105	494643	20.859	ug/l	100
86) p-Isopropyltoluene	13.610	119	400828	21.199	ug/l	100
87) 1,3-Dichlorobenzene	13.610	146	208151	20.635	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	202318	20.558	ug/l	99
89) n-Butylbenzene	13.939	91	285458	20.355	ug/l	100
90) Hexachloroethane	14.204	117	72239	20.871	ug/l	96
91) 1,2-Dichlorobenzene	13.986	146	206675	20.870	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	28055	21.462	ug/l	97
93) 1,2,4-Trichlorobenzene	15.263	180	91469	20.461	ug/l	99
94) Hexachlorobutadiene	15.363	225	58965	20.189	ug/l	98
95) Naphthalene	15.504	128	224386	18.992	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	89193	20.784	ug/l	98

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

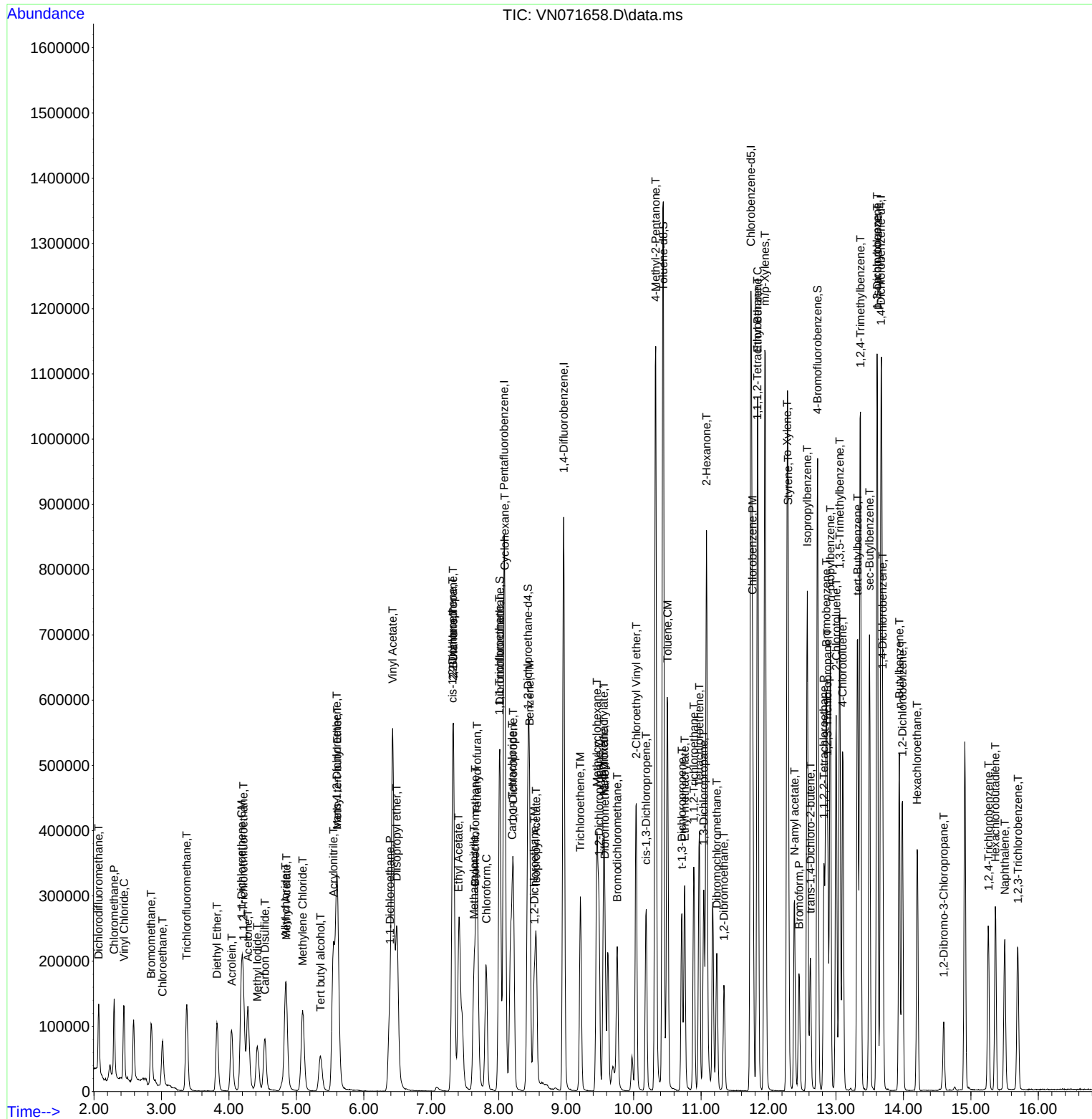
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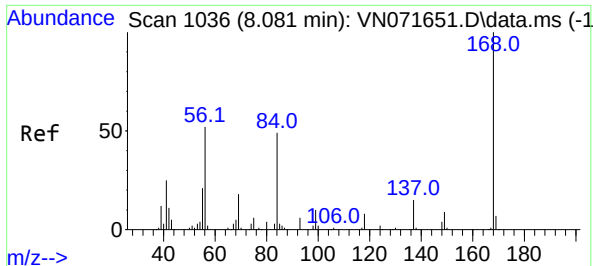
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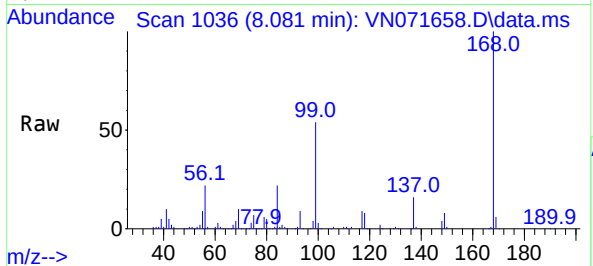
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Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.081 min Scan# 1036
 Delta R.T. -0.000 min
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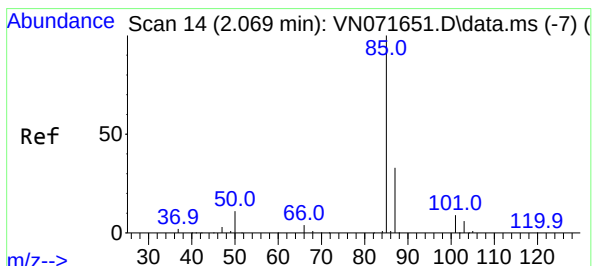
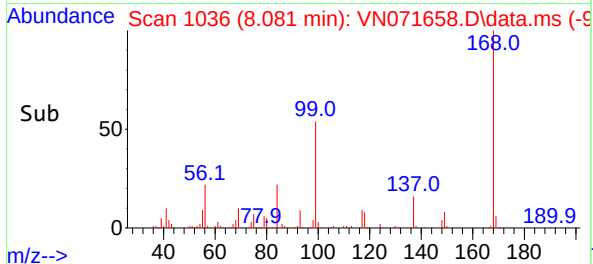
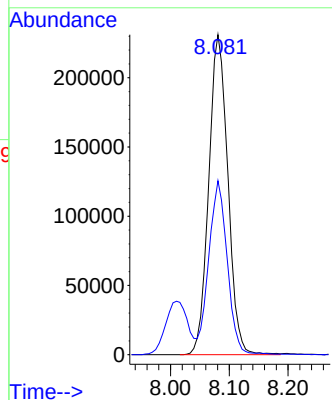
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Tgt Ion:168 Resp: 521674
 Ion Ratio Lower Upper
 168 100
 99 54.1 42.3 63.5

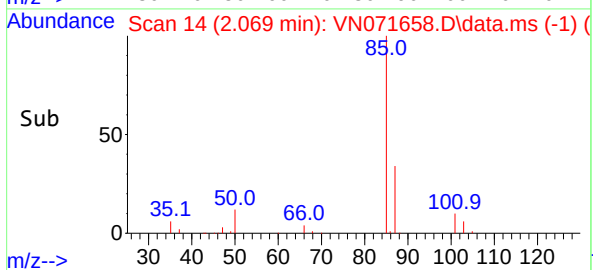
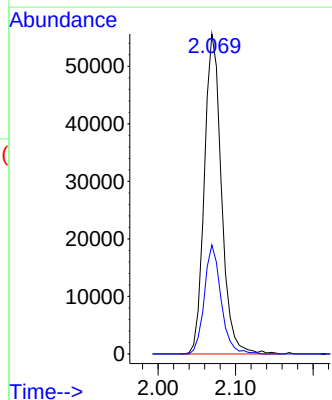
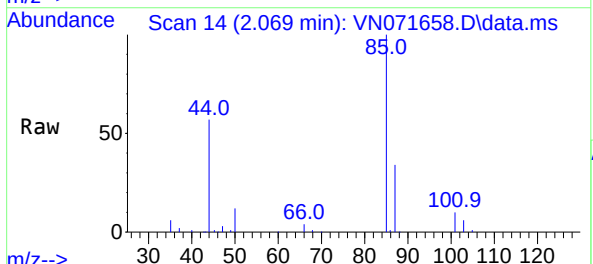
Manual Integrations
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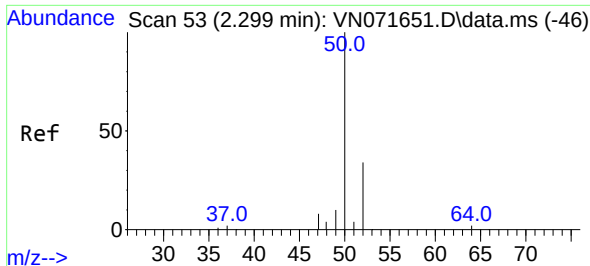
Reviewed By :John Carlone 03/31/2022
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Dichlorodifluoromethane
 Concen: 20.541 ug/l
 RT: 2.069 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: VN071658.D
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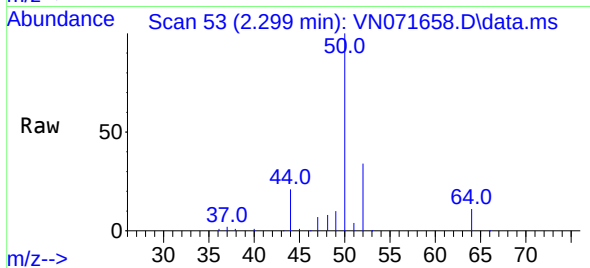
Tgt Ion: 85 Resp: 85192
 Ion Ratio Lower Upper
 85 100
 87 34.1 15.7 47.1





#3
Chloromethane
Concen: 19.217 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56

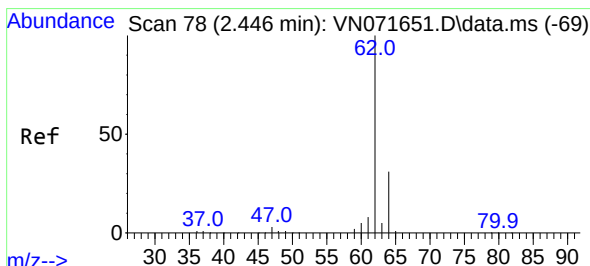
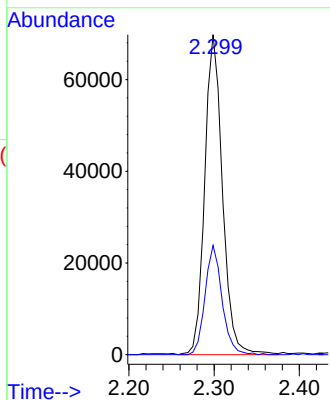
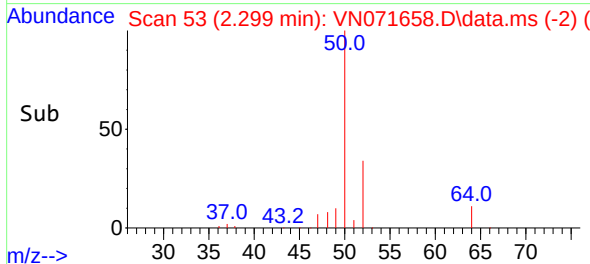
Instrument :
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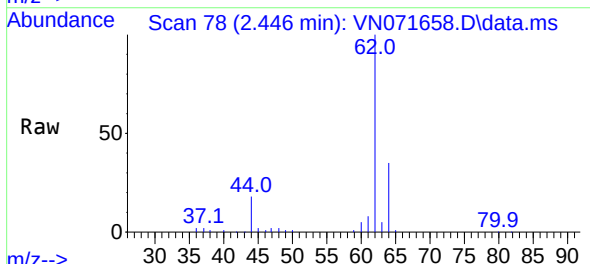
Tgt Ion: 50 Resp: 100999
Ion Ratio Lower Upper
50 100
52 34.1 25.7 38.5

Manual Integrations
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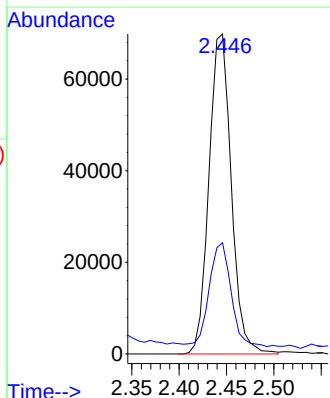
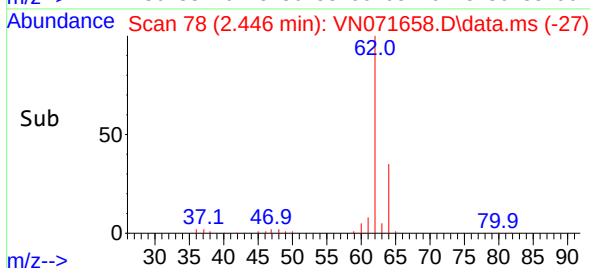
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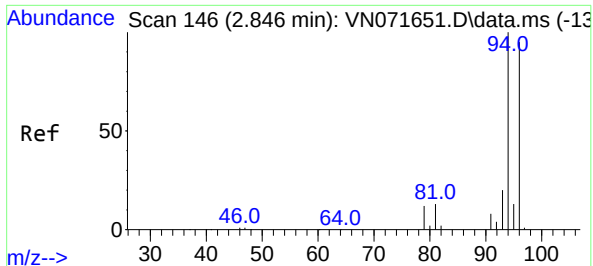


#4
Vinyl Chloride
Concen: 19.831 ug/l
RT: 2.446 min Scan# 78
Delta R.T. -0.000 min
Lab File: VN071658.D
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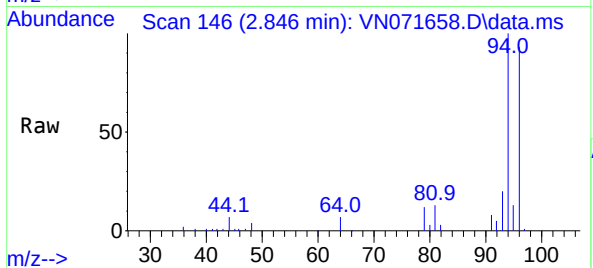
Tgt Ion: 62 Resp: 114449
Ion Ratio Lower Upper
62 100
64 32.3 25.0 37.4





#5
Bromomethane
Concen: 21.555 ug/l
RT: 2.846 min Scan# 146
Delta R.T. -0.000 min
Lab File: VN071658.D
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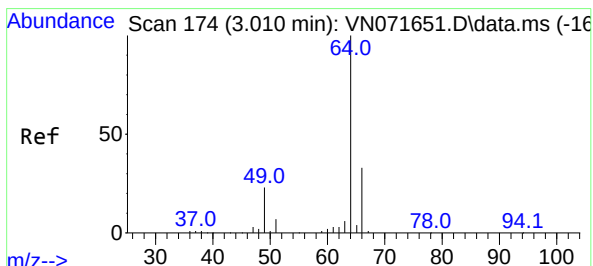
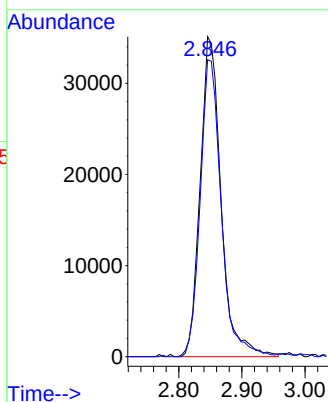
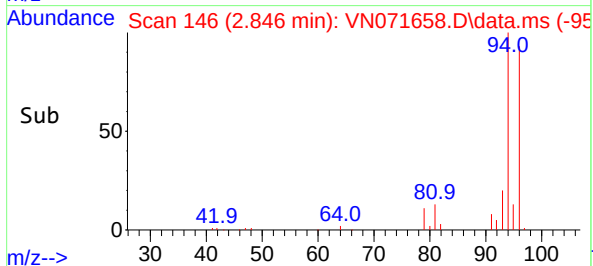
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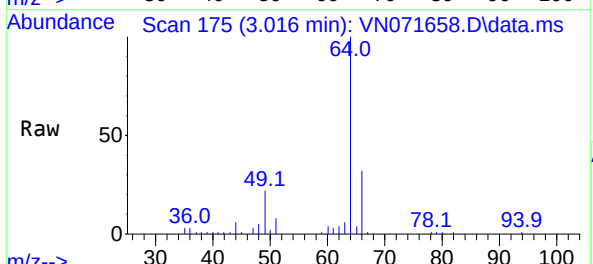
Tgt Ion: 94 Resp: 8086
Ion Ratio Lower Upper
94 100
96 92.8 76.0 114.0

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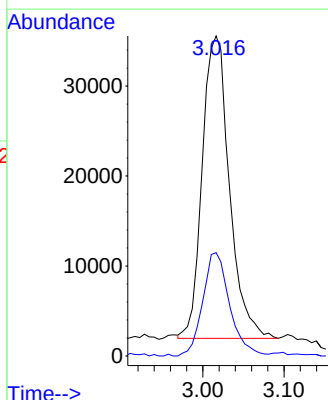
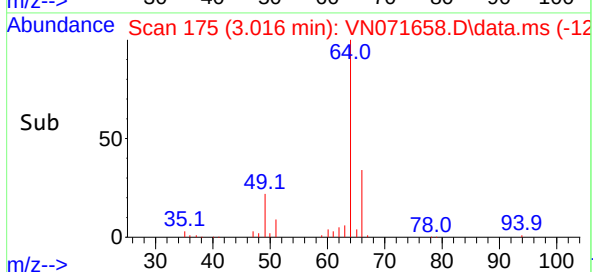
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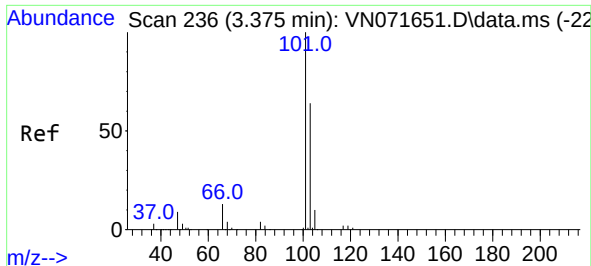


#6
Chloroethane
Concen: 18.804 ug/l
RT: 3.016 min Scan# 175
Delta R.T. 0.006 min
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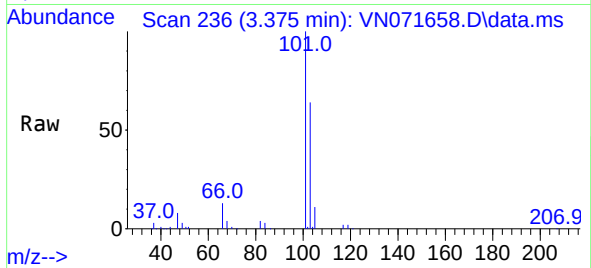
Tgt Ion: 64 Resp: 78071
Ion Ratio Lower Upper
64 100
66 34.2 26.2 39.4





#7
Trichlorofluoromethane
Concen: 20.251 ug/l
RT: 3.375 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN071658.D
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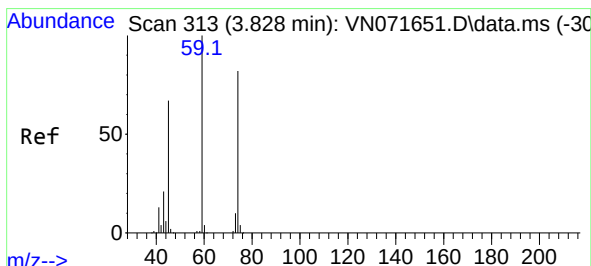
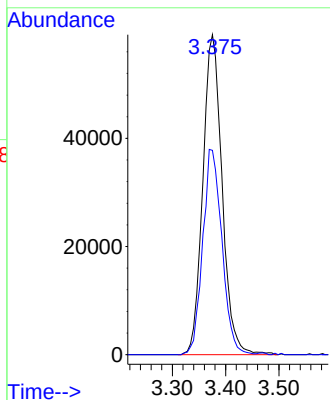
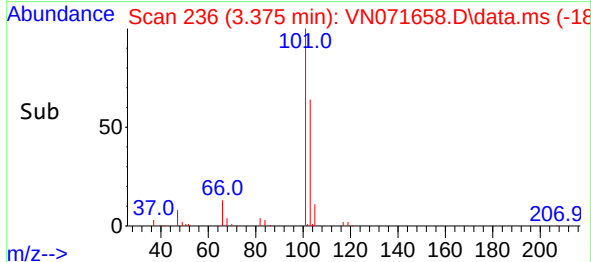
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Tgt Ion:101 Resp: 14869
Ion Ratio Lower Upper
101 100
103 63.8 51.5 77.3

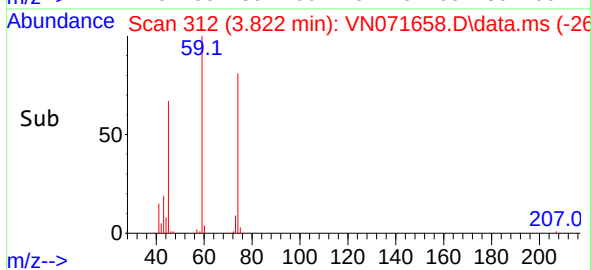
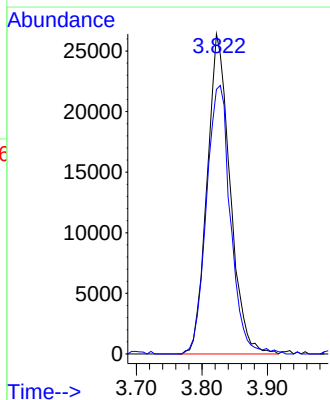
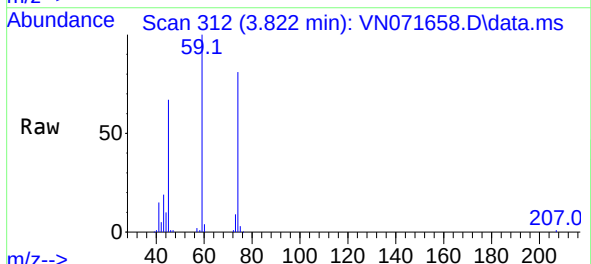
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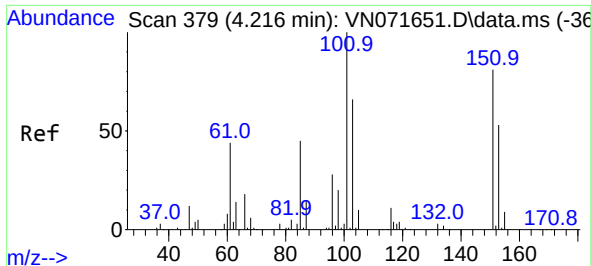
Reviewed By :John Carlone 03/31/2022
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#8
Diethyl Ether
Concen: 20.717 ug/l
RT: 3.822 min Scan# 312
Delta R.T. -0.006 min
Lab File: VN071658.D
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Tgt Ion: 74 Resp: 64287
Ion Ratio Lower Upper
74 100
45 87.9 42.9 128.5





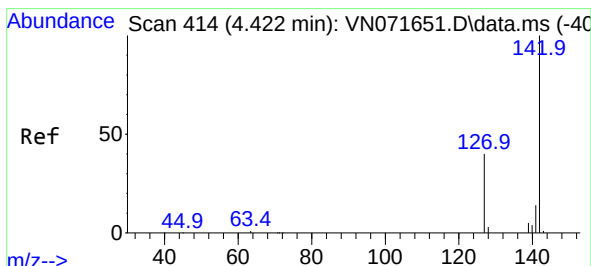
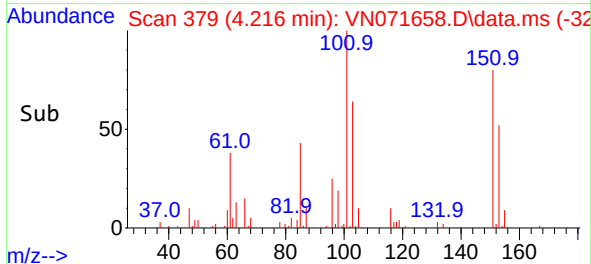
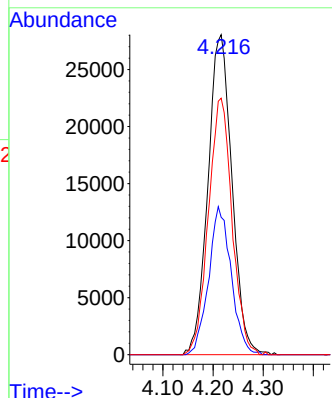
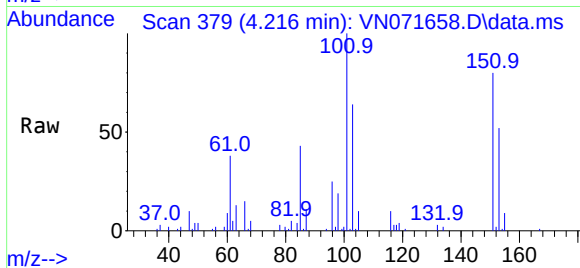
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.656 ug/l
RT: 4.216 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56

Instrument :
MSVOA_N
ClientSampleId :
VN0330WBSD01

Tgt Ion:101 Resp: 93468
Ion Ratio Lower Upper
101 100
85 43.3 34.7 52.1
151 78.6 63.0 94.4

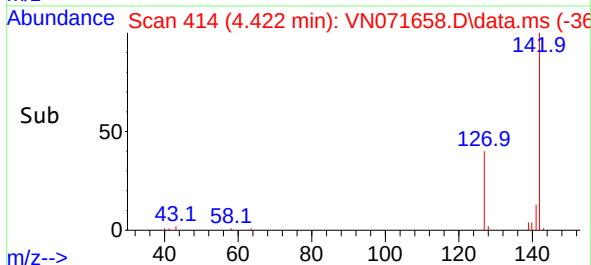
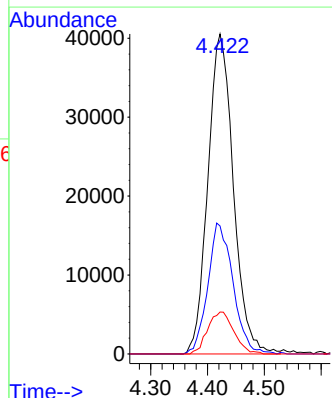
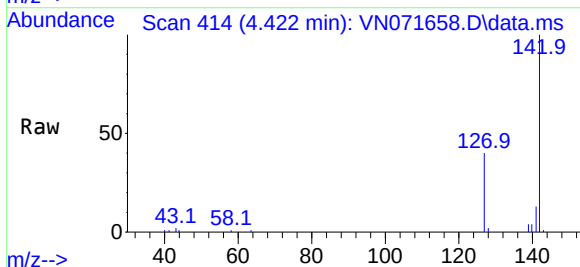
Manual Integrations
APPROVED

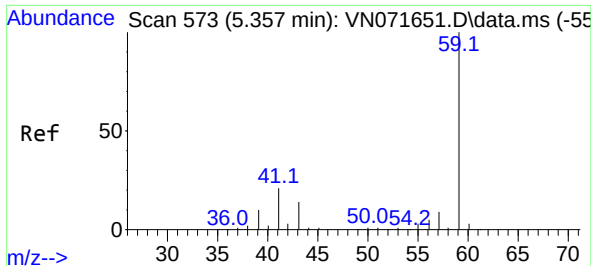
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#10
Methyl Iodide
Concen: 19.979 ug/l
RT: 4.422 min Scan# 414
Delta R.T. 0.000 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56

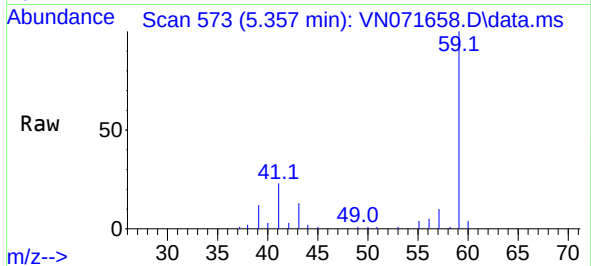
Tgt Ion:142 Resp: 126372
Ion Ratio Lower Upper
142 100
127 40.4 31.3 46.9
141 13.5 11.2 16.8





#11
Tert butyl alcohol
Concen: 108.598 ug/l
RT: 5.357 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56

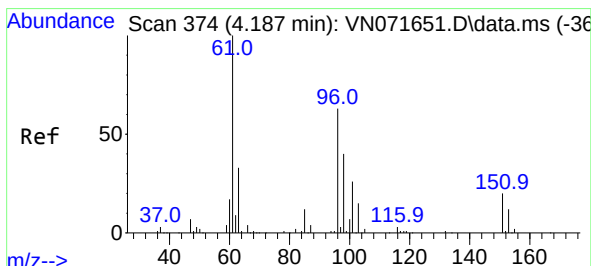
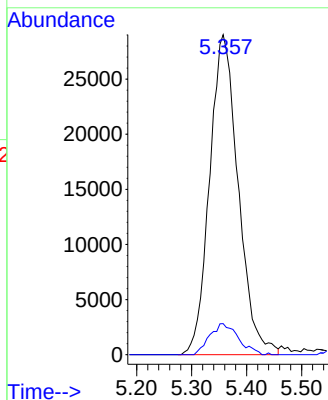
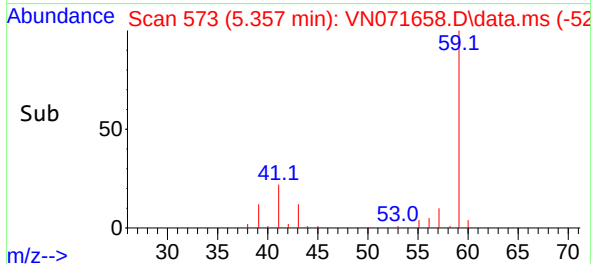
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBSD01



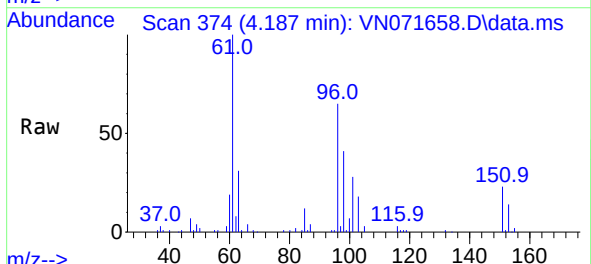
Tgt Ion: 59 Resp: 104958
Ion Ratio Lower Upper
59 100
57 9.7 8.3 12.5

Manual Integrations
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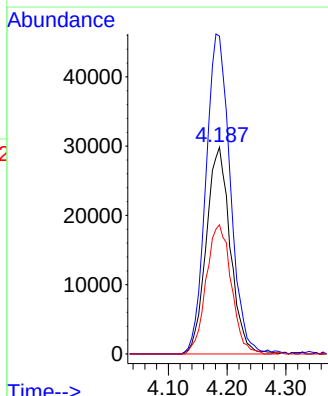
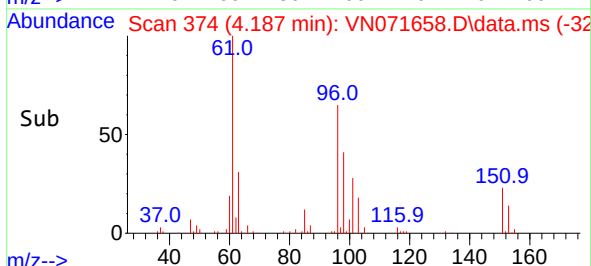
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

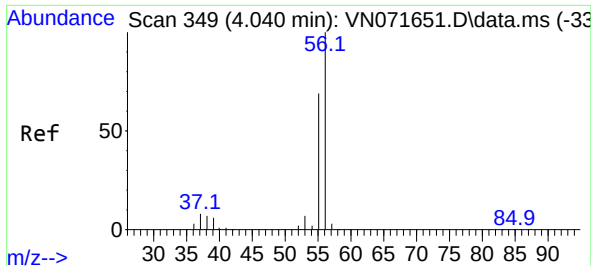


#12
1,1-Dichloroethene
Concen: 19.640 ug/l
RT: 4.187 min Scan# 374
Delta R.T. -0.000 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56



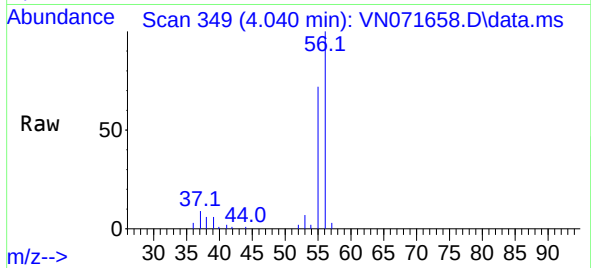
Tgt Ion: 96 Resp: 84567
Ion Ratio Lower Upper
96 100
61 153.7 127.6 191.4
98 62.4 51.2 76.8





#13
Acrolein
Concen: 105.855 ug/l
RT: 4.040 min Scan# 349
Delta R.T. -0.000 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56

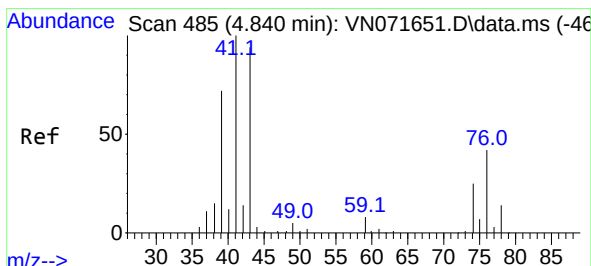
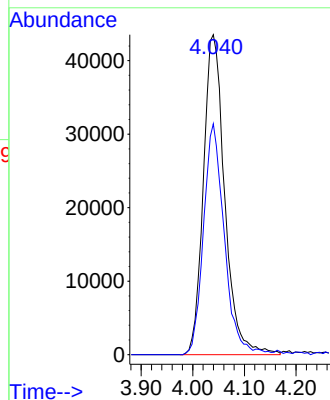
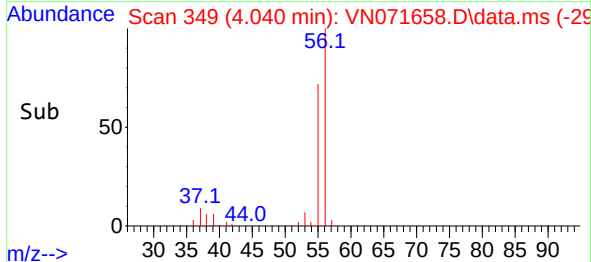
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBSD01



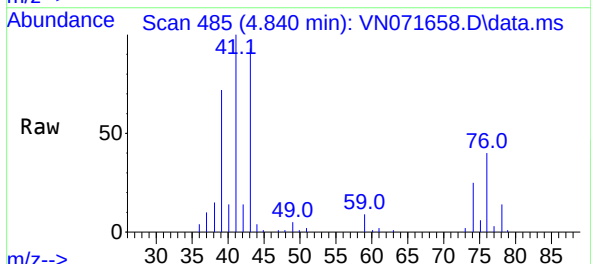
Tgt Ion: 56 Resp: 12474
Ion Ratio Lower Upper
56 100
55 70.3 54.8 82.2

Manual Integrations
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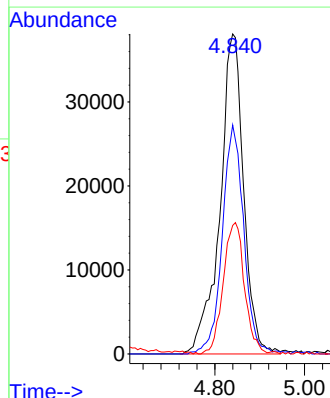
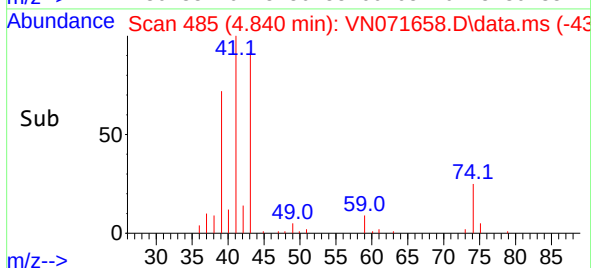
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

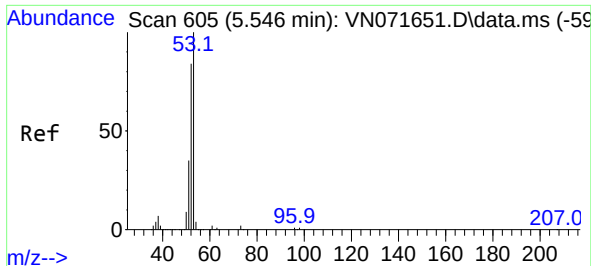


#14
Allyl chloride
Concen: 20.043 ug/l
RT: 4.840 min Scan# 485
Delta R.T. -0.000 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56



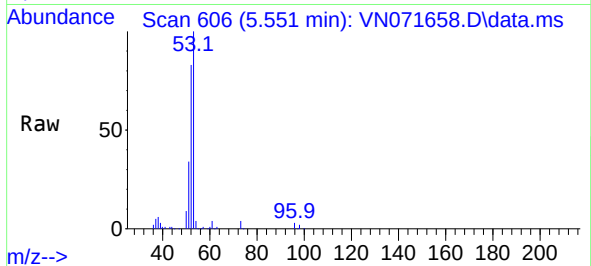
Tgt Ion: 41 Resp: 140079
Ion Ratio Lower Upper
41 100
39 65.0 53.2 79.8
76 36.9 29.9 44.9





#15
Acrylonitrile
Concen: 106.625 ug/l
RT: 5.551 min Scan# 605
Delta R.T. 0.005 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56

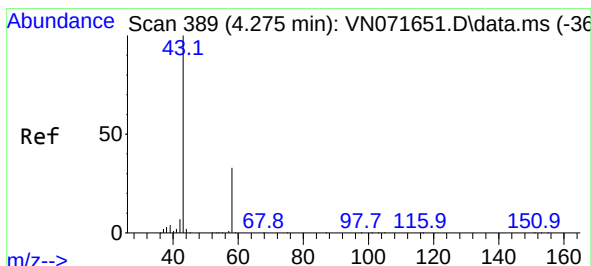
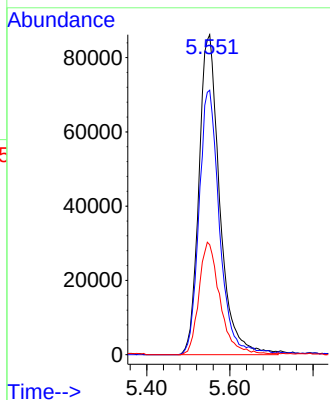
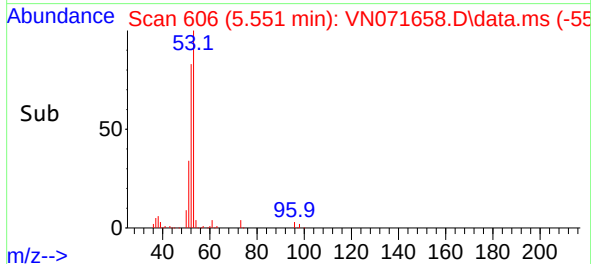
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBSD01



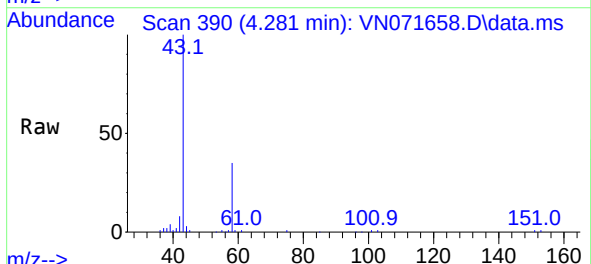
Tgt Ion: 53 Resp: 299538
Ion Ratio Lower Upper
53 100
52 81.6 66.4 99.6
51 35.7 28.5 42.7

Manual Integrations
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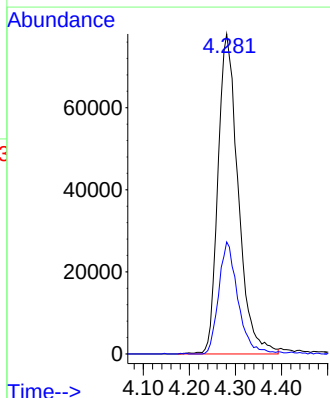
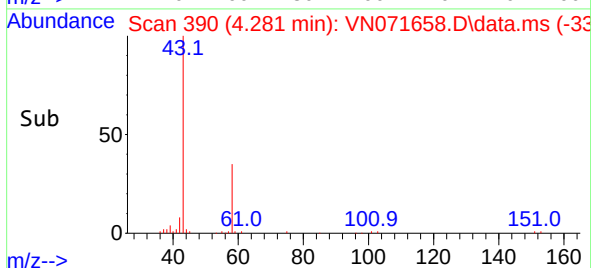
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

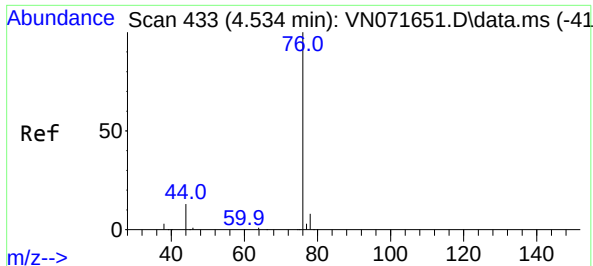


#16
Acetone
Concen: 92.975 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56



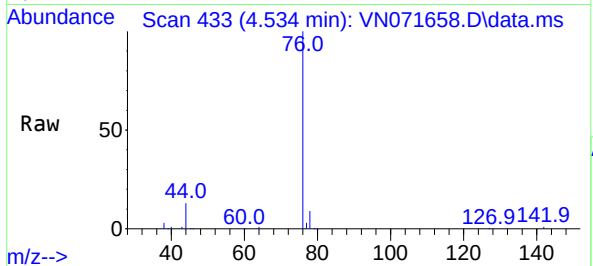
Tgt Ion: 43 Resp: 236638
Ion Ratio Lower Upper
43 100
58 35.0 26.0 39.0





#17
Carbon Disulfide
Concen: 18.776 ug/l
RT: 4.534 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56

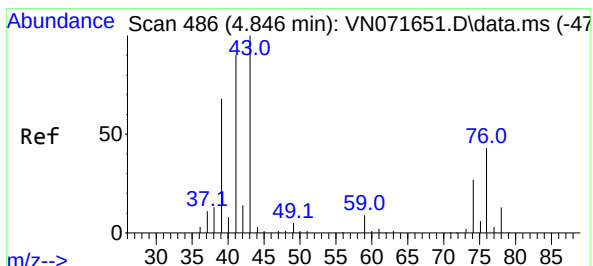
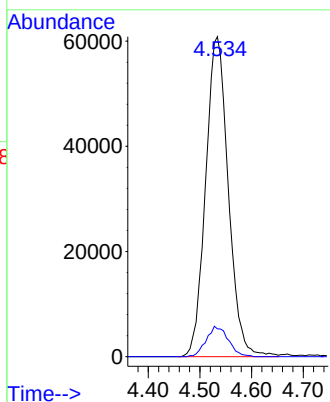
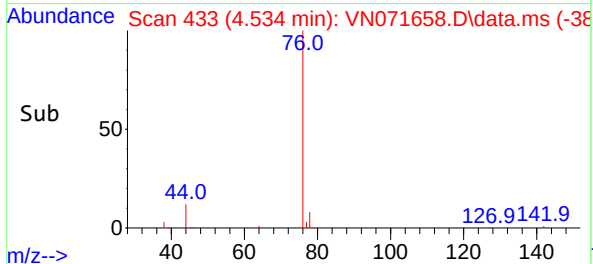
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBSD01



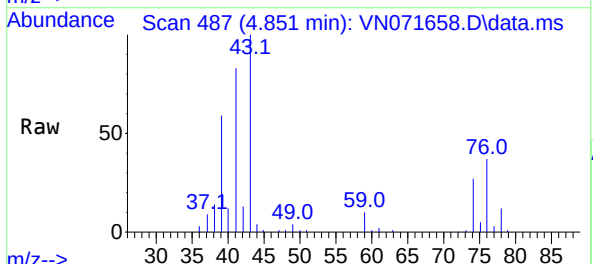
Tgt Ion: 76 Resp: 18549
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8

Manual Integrations
APPROVED

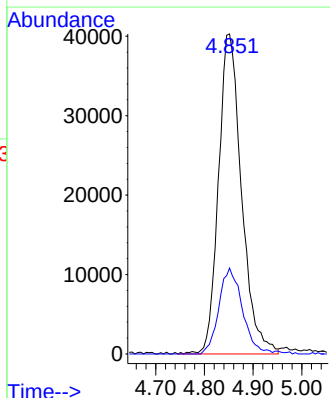
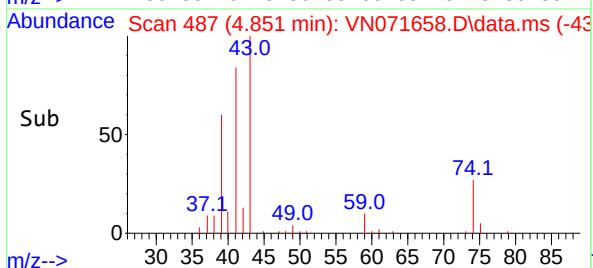
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

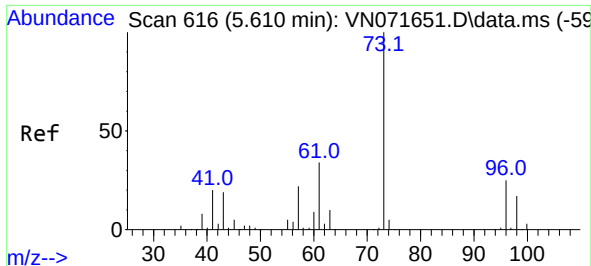


#18
Methyl Acetate
Concen: 20.139 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.005 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56



Tgt Ion: 43 Resp: 132629
Ion Ratio Lower Upper
43 100
74 27.2 21.6 32.4





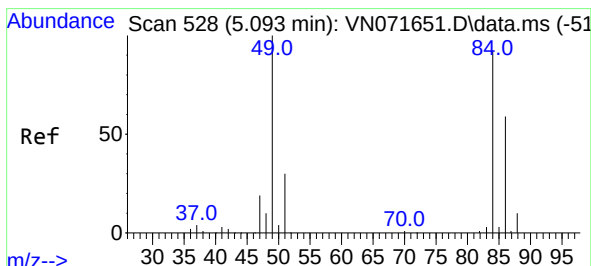
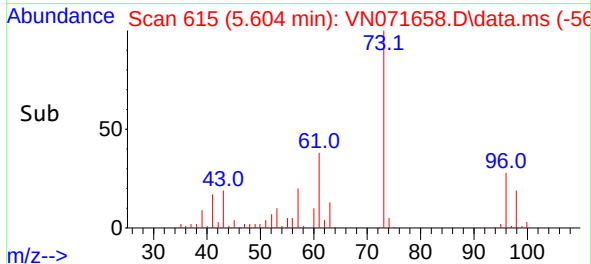
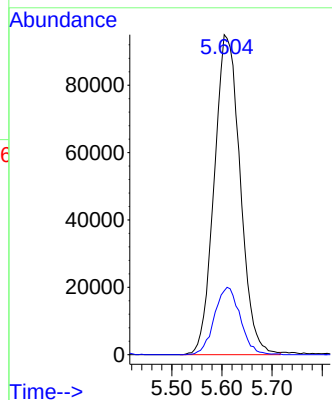
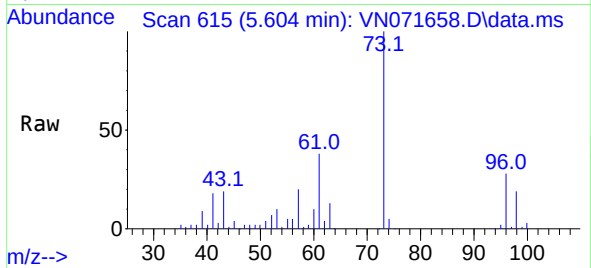
#19
Methyl tert-butyl Ether
Concen: 21.360 ug/l
RT: 5.604 min Scan# 616
Delta R.T. -0.006 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56

Instrument :
MSVOA_N
ClientSampleId :
VN0330WBSD01

Tgt Ion: 73 Resp: 341690
Ion Ratio Lower Upper
73 100
57 20.0 17.6 26.4

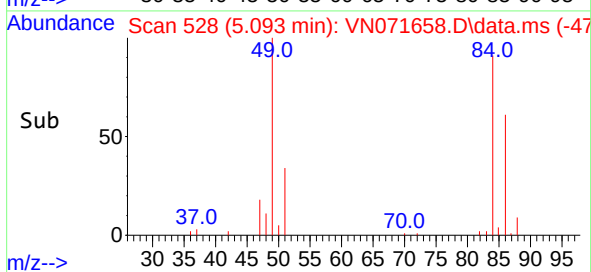
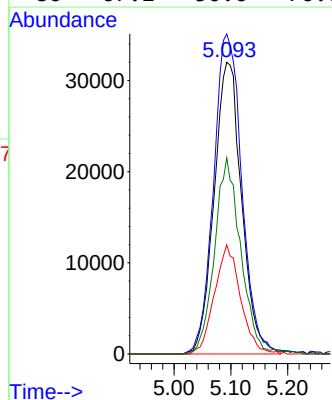
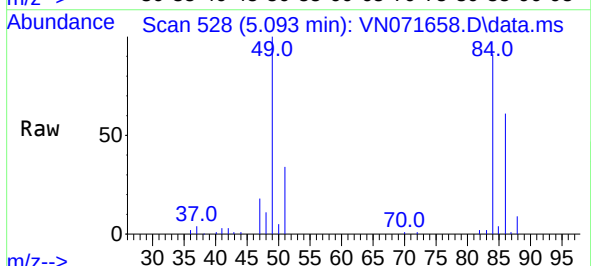
Manual Integrations
APPROVED

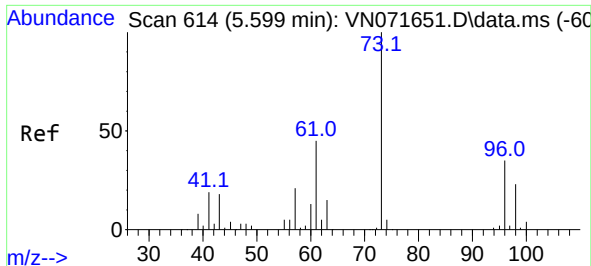
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#20
Methylene Chloride
Concen: 20.090 ug/l
RT: 5.093 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56

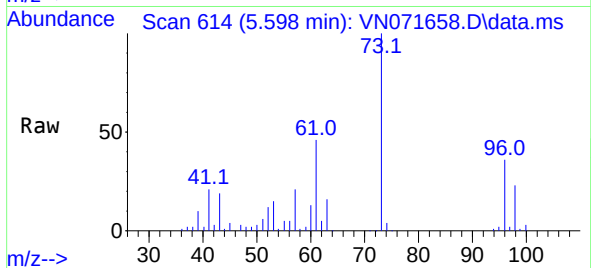
Tgt Ion: 84 Resp: 107775
Ion Ratio Lower Upper
84 100
49 109.7 88.3 132.5
51 37.4 28.2 42.2
86 67.2 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 19.677 ug/l
RT: 5.598 min Scan# 614
Delta R.T. -0.001 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56

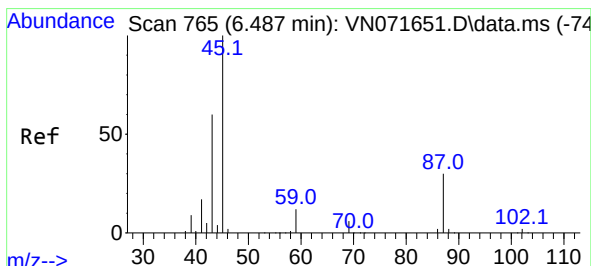
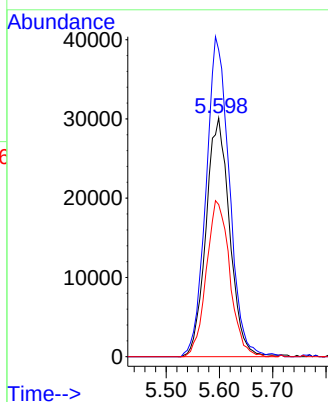
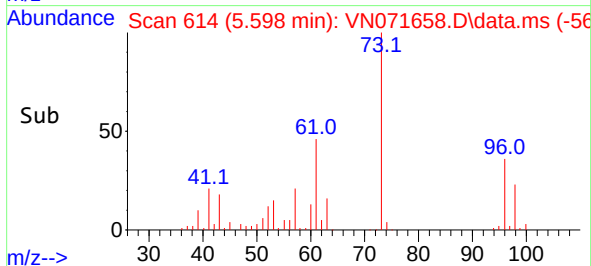
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBSD01



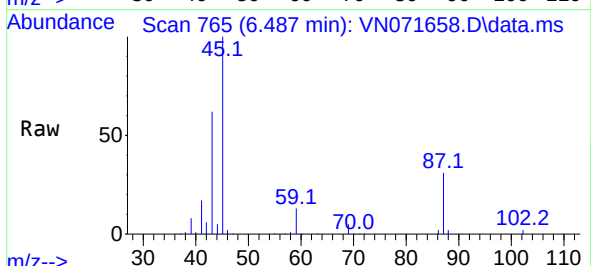
Tgt Ion: 96 Resp: 93012
Ion Ratio Lower Upper
96 100
61 128.5 105.8 158.8
98 63.8 50.3 75.5

Manual Integrations
APPROVED

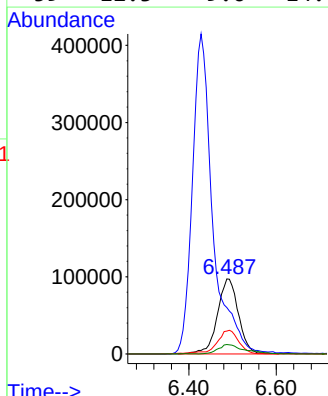
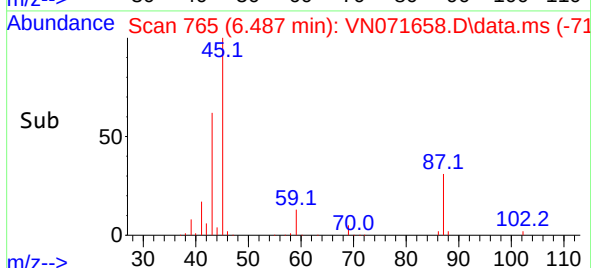
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

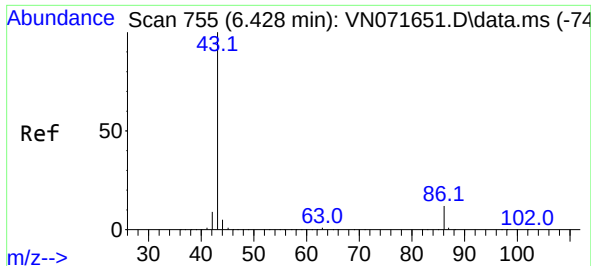


#22
Diisopropyl ether
Concen: 21.285 ug/l
RT: 6.487 min Scan# 765
Delta R.T. -0.000 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56



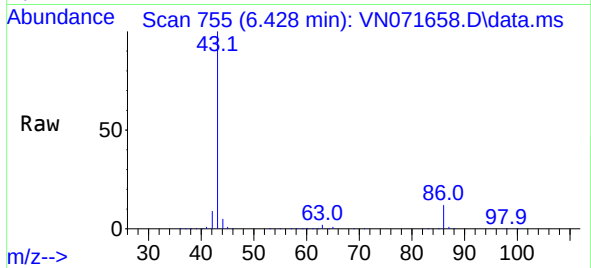
Tgt Ion: 45 Resp: 323849
Ion Ratio Lower Upper
45 100
43 60.3 46.6 70.0
87 30.5 24.3 36.5
59 12.3 9.6 14.4





#23
 Vinyl Acetate
 Concen: 111.428 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.000 min
 Lab File: VN071658.D
 Acq: 30 Mar 2022 14:56

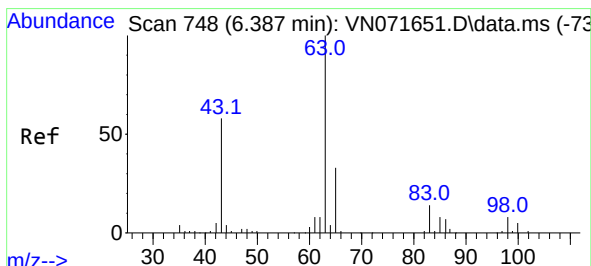
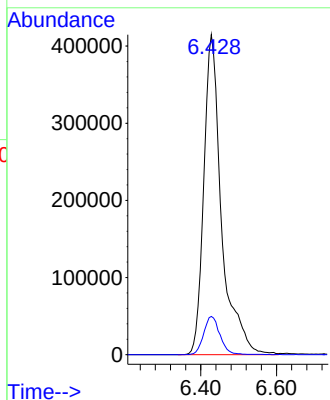
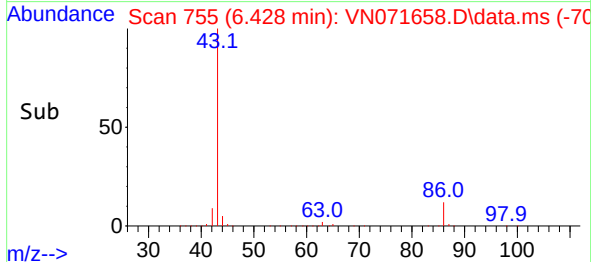
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0330WBSD01



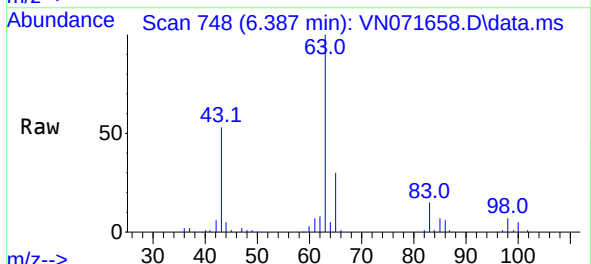
Tgt Ion: 43 Resp: 134817
 Ion Ratio Lower Upper
 43 100
 86 12.0 10.0 15.0

Manual Integrations
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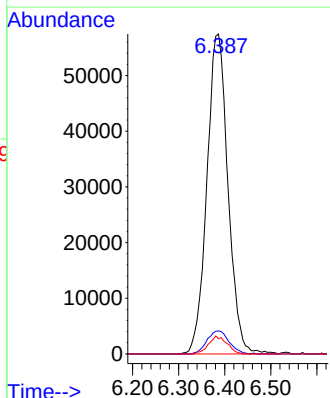
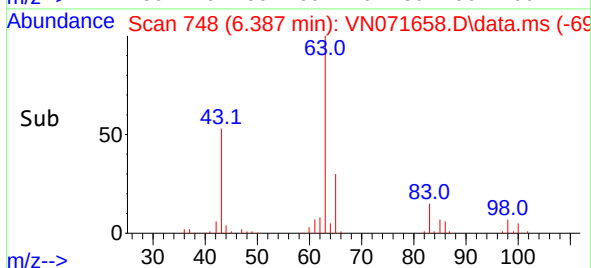
Reviewed By :John Carlone 03/31/2022
 Supervised By :Mahesh Dadoda 04/01/2022

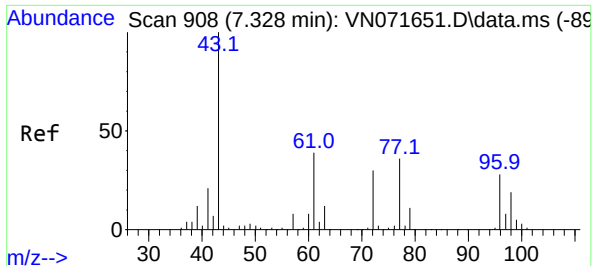


#24
 1,1-Dichloroethane
 Concen: 20.479 ug/l
 RT: 6.387 min Scan# 748
 Delta R.T. -0.000 min
 Lab File: VN071658.D
 Acq: 30 Mar 2022 14:56



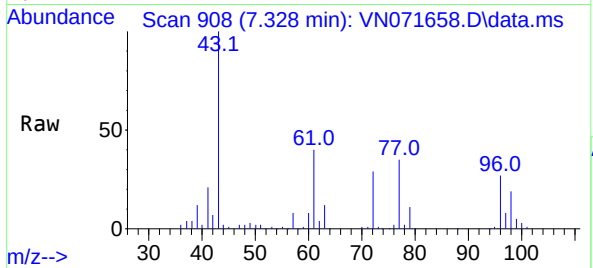
Tgt Ion: 63 Resp: 182919
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.4
 100 4.8 2.3 6.8





#25
2-Butanone
Concen: 102.514 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56

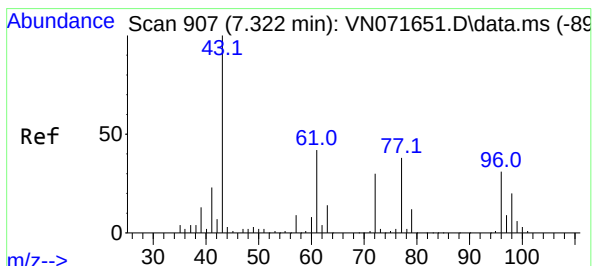
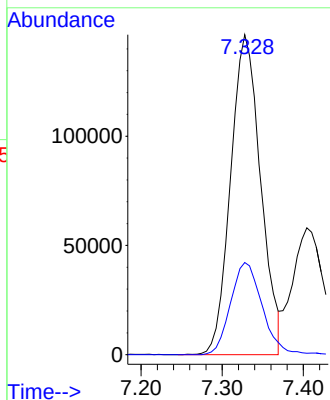
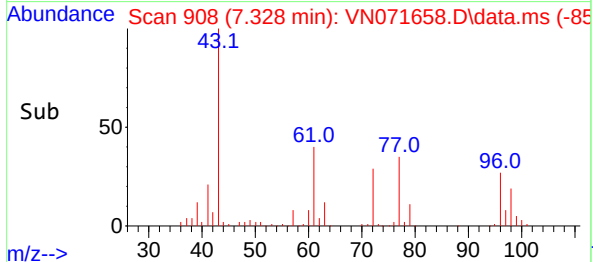
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBSD01



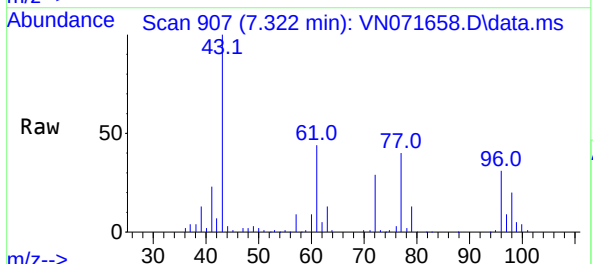
Tgt Ion: 43 Resp: 376144
Ion Ratio Lower Upper
43 100
72 28.8 23.7 35.5

Manual Integrations
APPROVED

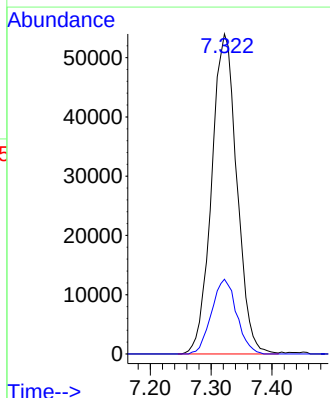
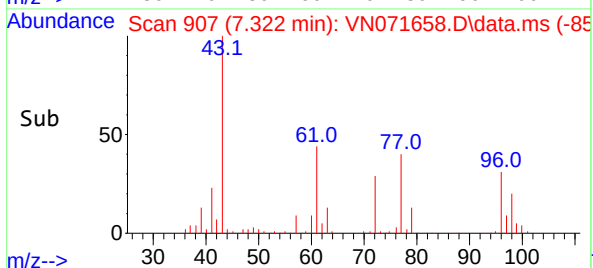
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

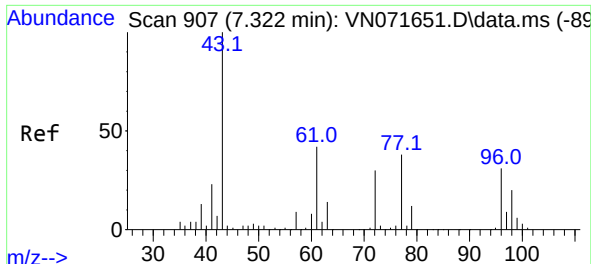


#26
2,2-Dichloropropane
Concen: 20.322 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56



Tgt Ion: 77 Resp: 155931
Ion Ratio Lower Upper
77 100
97 23.1 11.4 34.2





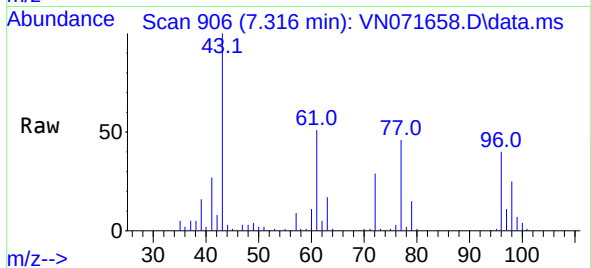
#27
cis-1,2-Dichloroethene
Concen: 20.307 ug/l
RT: 7.316 min Scan# 907
Delta R.T. -0.006 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56

Instrument :

MSVOA_N

ClientSampleId :

VN0330WBSD01

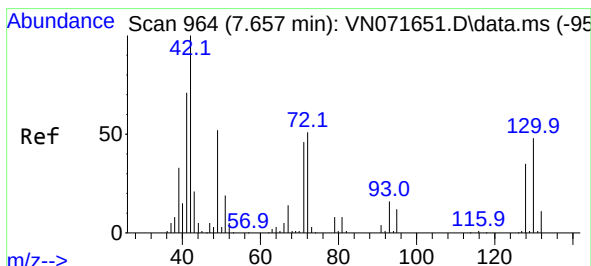
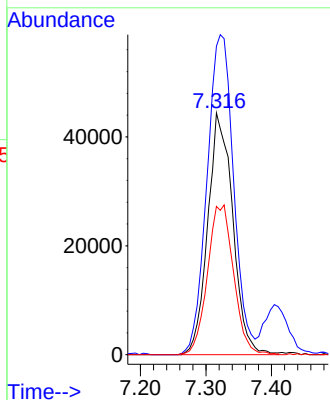
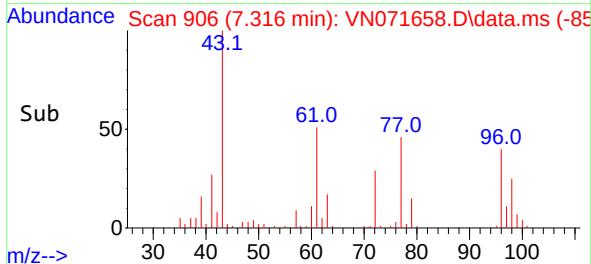


Tgt Ion: 96 Resp: 117712
Ion Ratio Lower Upper
96 100
61 140.7 0.0 280.6
98 64.8 0.0 128.4

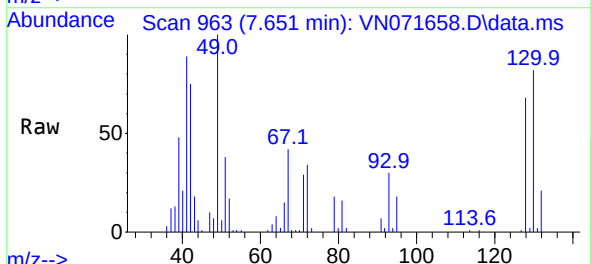
Manual Integrations

APPROVED

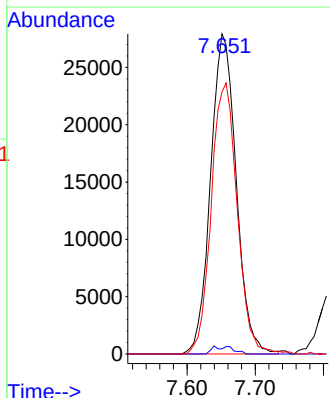
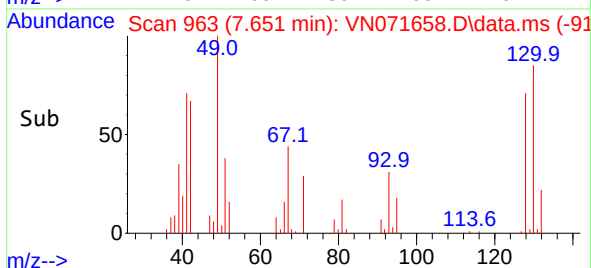
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

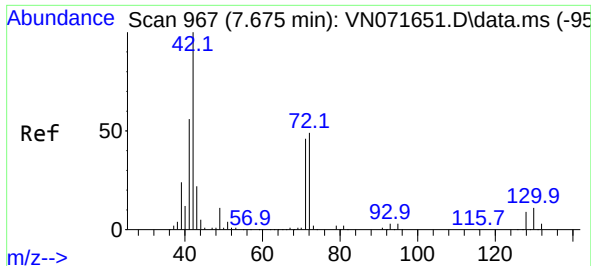


#28
Bromochloromethane
Concen: 20.277 ug/l
RT: 7.651 min Scan# 963
Delta R.T. -0.006 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56



Tgt Ion: 49 Resp: 73059
Ion Ratio Lower Upper
49 100
129 0.9 0.0 4.6
130 85.7 69.7 104.5





#29

Tetrahydrofuran

Concen: 106.897 ug/l

RT: 7.681 min Scan# 90

Delta R.T. 0.006 min

Lab File: VN071658.D

Acq: 30 Mar 2022 14:56

Instrument :

MSVOA_N

ClientSampleId :

VN0330WBSD01

Tgt Ion: 42 Resp: 253970

Ion Ratio Lower Upper

42 100

72 49.3 39.7 59.5

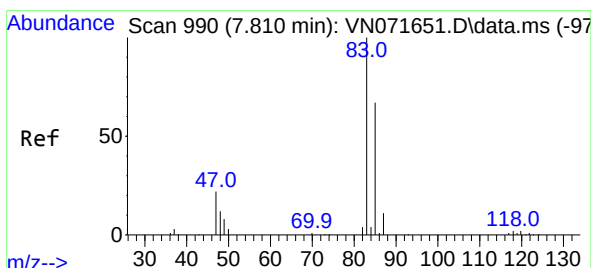
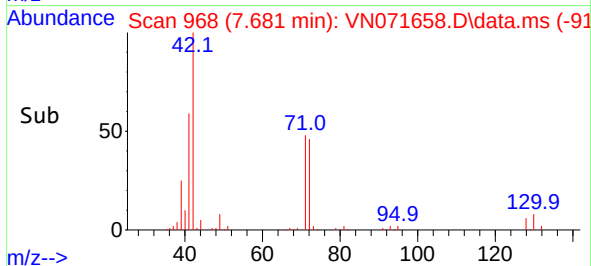
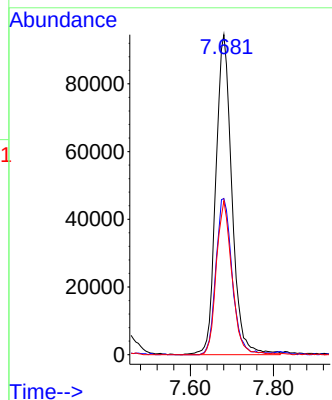
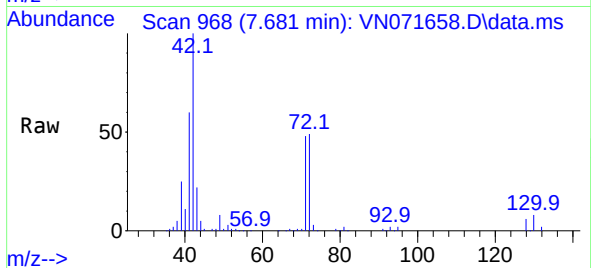
71 46.5 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 04/01/2022



#30

Chloroform

Concen: 20.664 ug/l

RT: 7.816 min Scan# 991

Delta R.T. 0.006 min

Lab File: VN071658.D

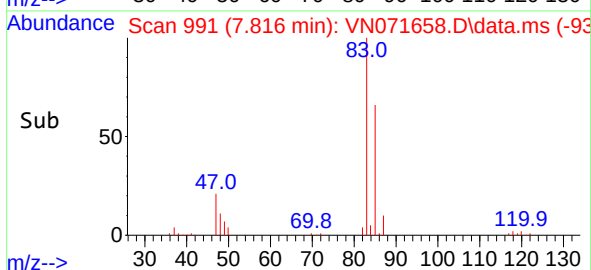
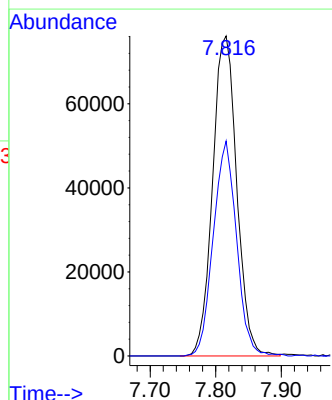
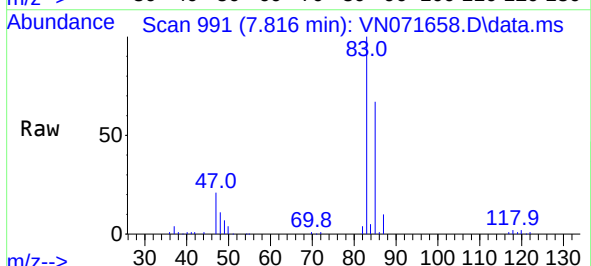
Acq: 30 Mar 2022 14:56

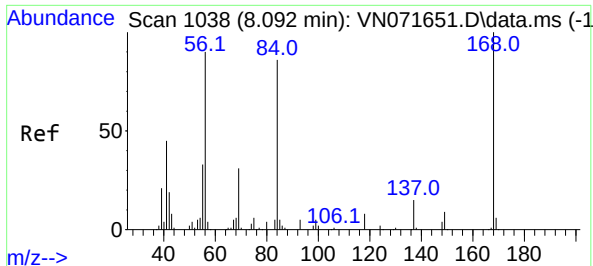
Tgt Ion: 83 Resp: 194888

Ion Ratio Lower Upper

83 100

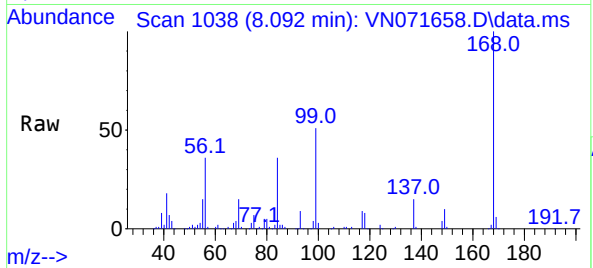
85 67.1 51.8 77.8





#31
Cyclohexane
Concen: 19.455 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56

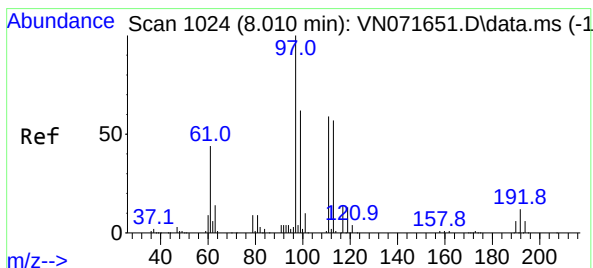
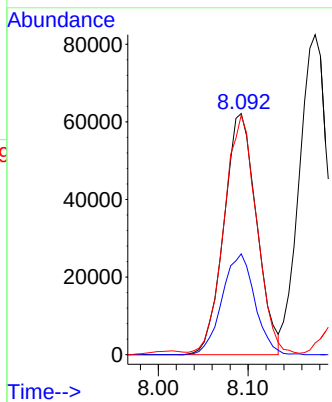
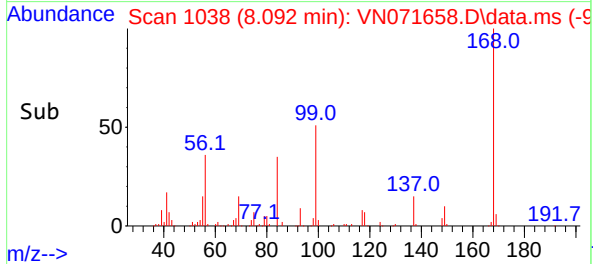
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBSD01



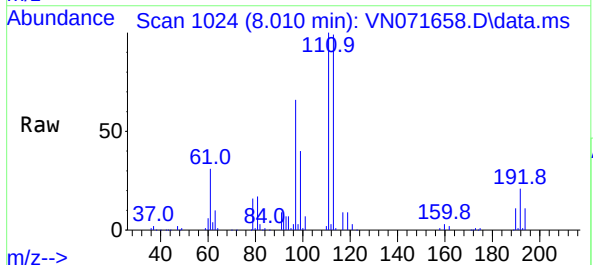
Tgt Ion: 56 Resp: 15756
Ion Ratio Lower Upper
56 100
69 41.8 27.8 41.8
84 98.0 76.9 115.3

Manual Integrations
APPROVED

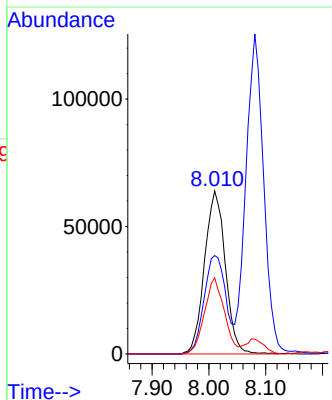
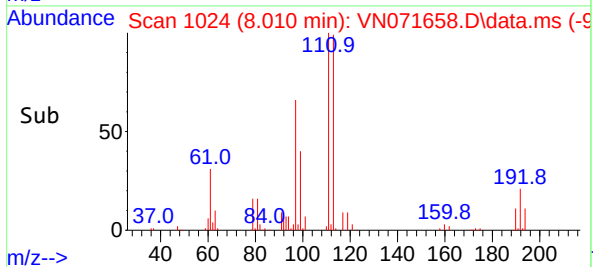
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

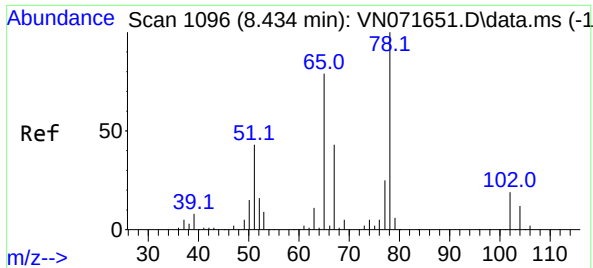


#32
1,1,1-Trichloroethane
Concen: 20.197 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56



Tgt Ion: 97 Resp: 162954
Ion Ratio Lower Upper
97 100
99 64.2 50.6 76.0
61 44.4 36.0 54.0





#33
1,2-Dichloroethane-d4
Concen: 52.685 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56

Instrument :

MSVOA_N

ClientSampleId :

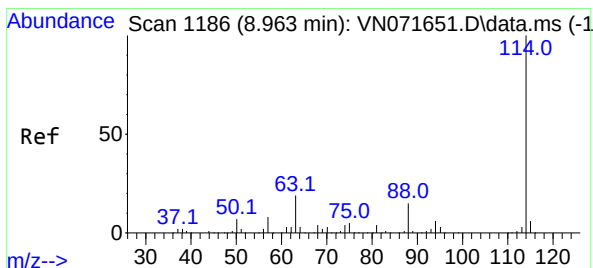
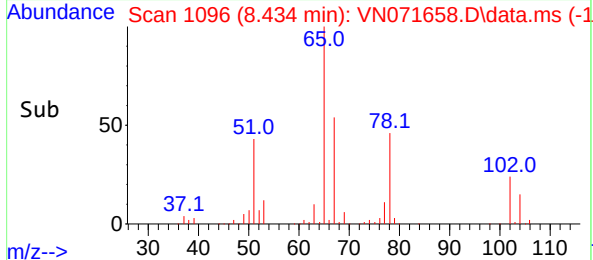
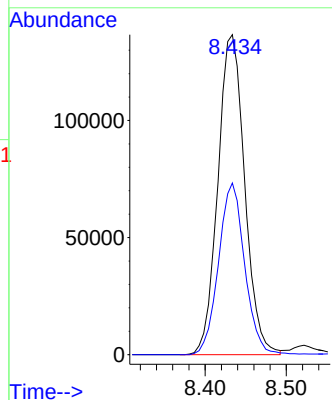
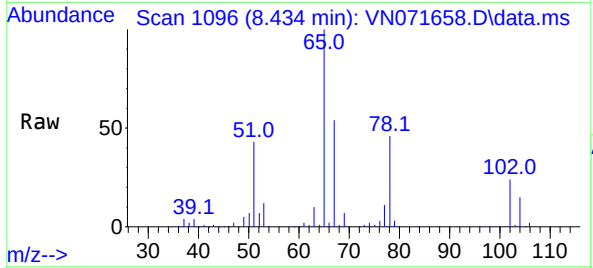
VN0330WBSD01

Tgt Ion: 65 Resp: 313768
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.8

Manual Integrations

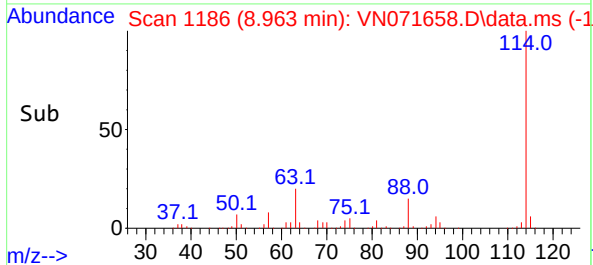
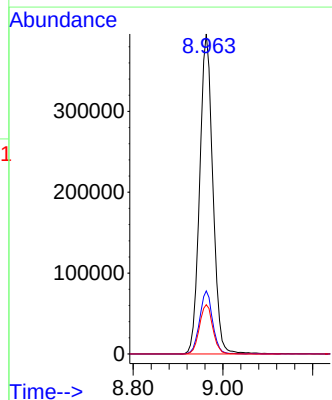
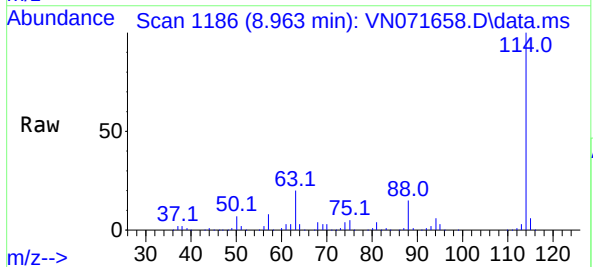
APPROVED

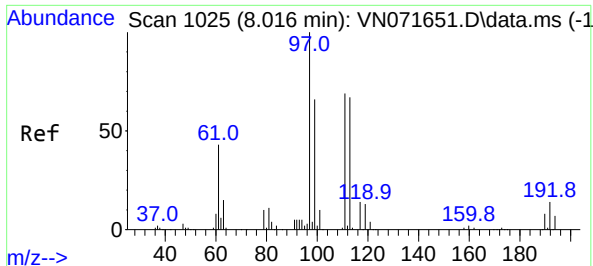
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56

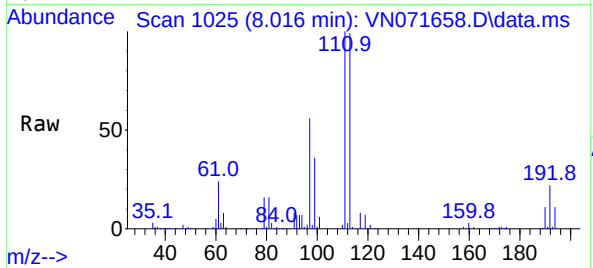
Tgt Ion:114 Resp: 804309
Ion Ratio Lower Upper
114 100
63 19.7 0.0 40.0
88 15.4 0.0 32.6





#35
Dibromofluoromethane
Concen: 53.324 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56

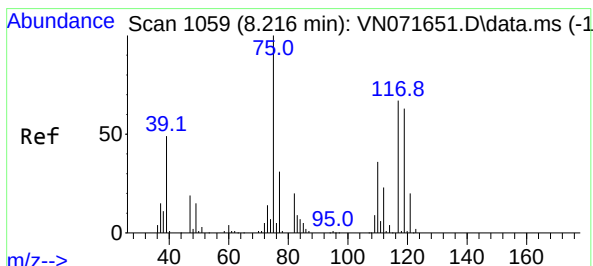
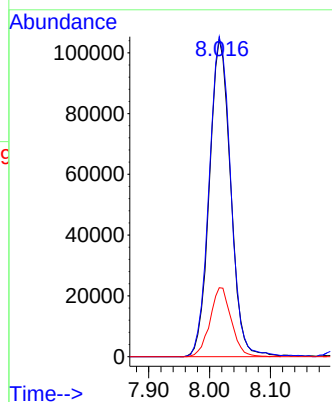
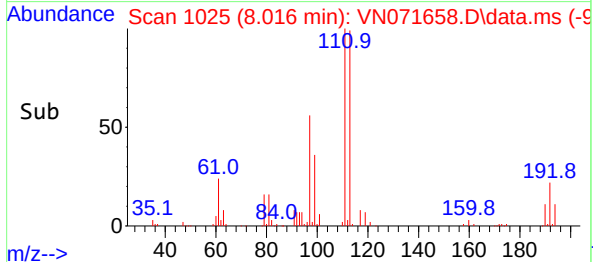
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBSD01



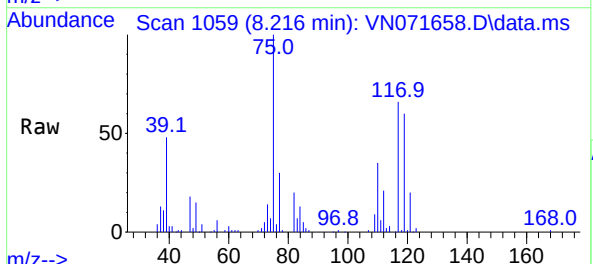
Tgt Ion: 113 Resp: 252370
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.0
192 21.8 17.0 25.6

Manual Integrations
APPROVED

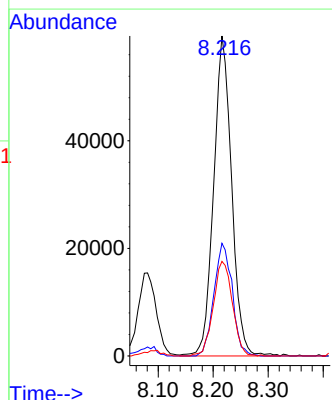
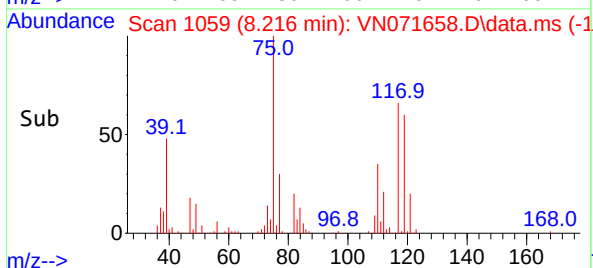
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

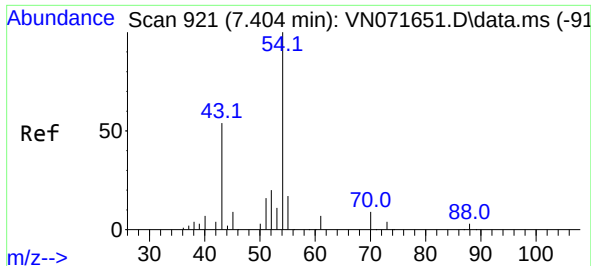


#36
1,1-Dichloropropene
Concen: 20.469 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56



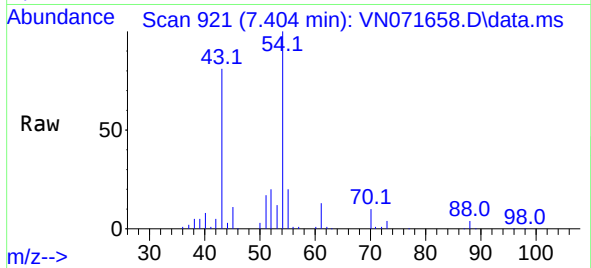
Tgt Ion: 75 Resp: 135287
Ion Ratio Lower Upper
75 100
110 35.8 18.3 54.8
77 31.4 25.1 37.7





#37
Ethyl Acetate
Concen: 21.921 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56

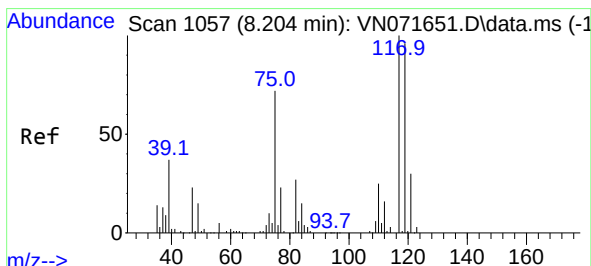
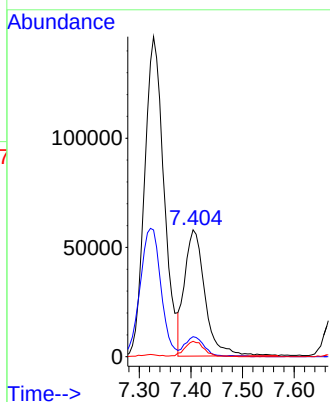
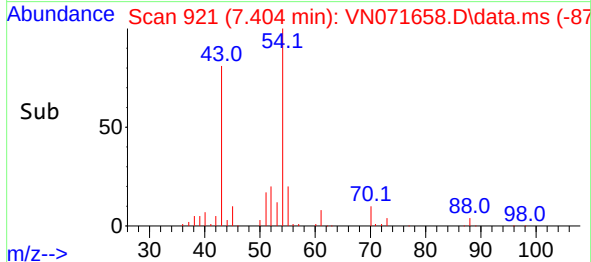
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBSD01



Tgt Ion: 43 Resp: 158570
Ion Ratio Lower Upper
43 100
61 14.2 11.8 17.6
70 11.6 9.3 13.9

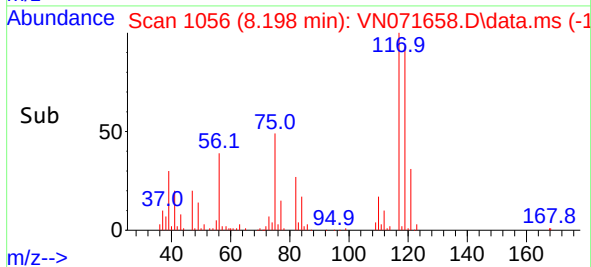
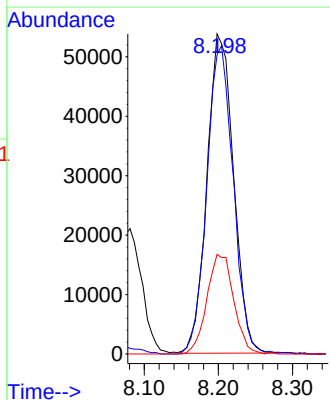
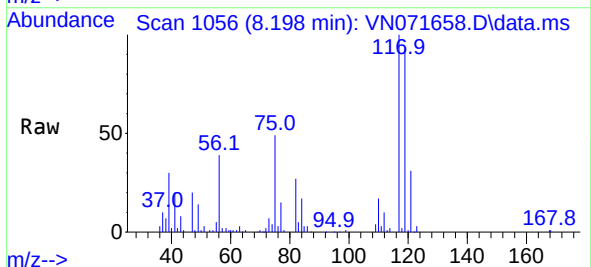
Manual Integrations
APPROVED

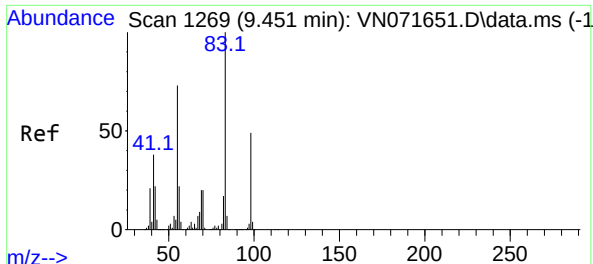
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#38
Carbon Tetrachloride
Concen: 20.675 ug/l
RT: 8.198 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56

Tgt Ion:117 Resp: 133923
Ion Ratio Lower Upper
117 100
119 93.8 75.8 113.8
121 31.2 24.6 37.0





#39

Methylcyclohexane

Concen: 20.889 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. 0.006 min

Lab File: VN071658.D

Acq: 30 Mar 2022 14:56

Instrument :

MSVOA_N

ClientSampleId :

VN0330WBSD01

Tgt Ion: 83 Resp: 16434

Ion Ratio Lower Upper

83 100

55 70.9 57.8 86.8

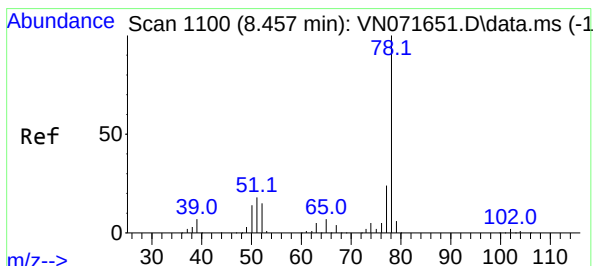
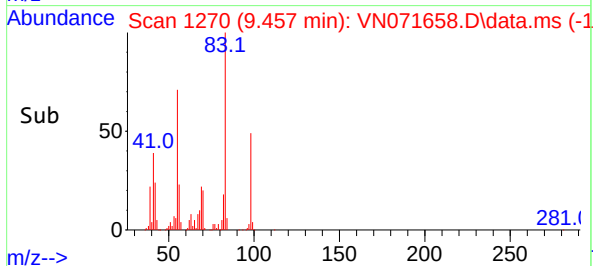
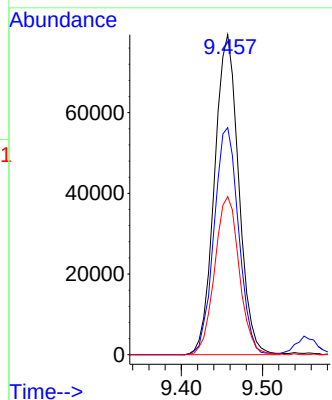
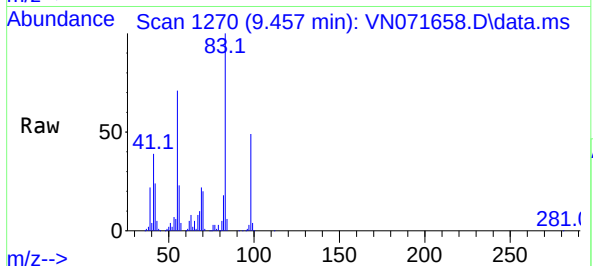
98 49.4 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 04/01/2022



#40

Benzene

Concen: 20.825 ug/l

RT: 8.457 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VN071658.D

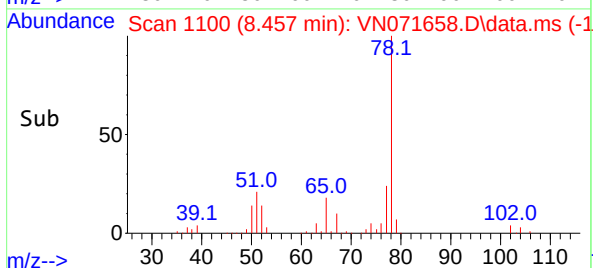
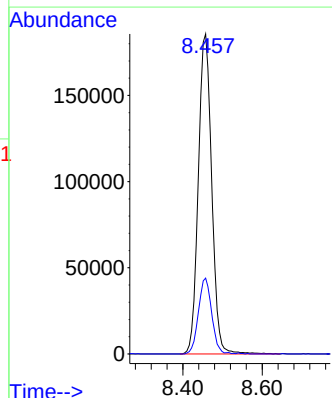
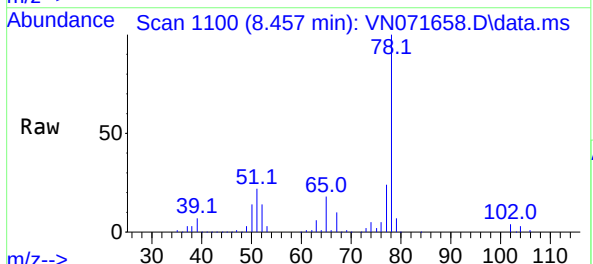
Acq: 30 Mar 2022 14:56

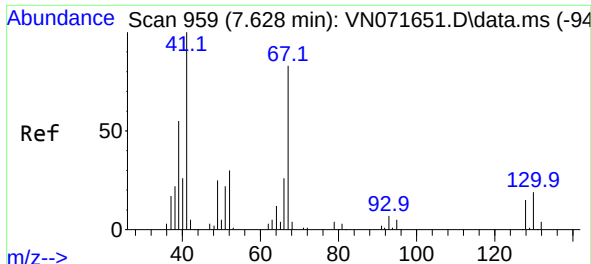
Tgt Ion: 78 Resp: 434790

Ion Ratio Lower Upper

78 100

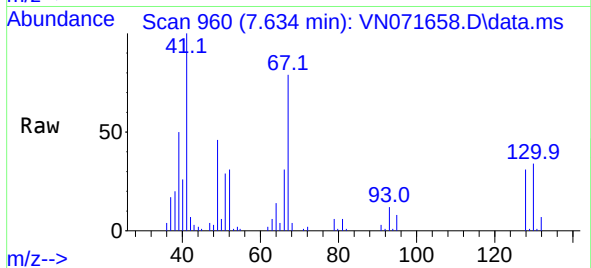
77 23.7 19.4 29.0





#41
Methacrylonitrile
Concen: 23.319 ug/l
RT: 7.634 min Scan# 90
Delta R.T. 0.006 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56

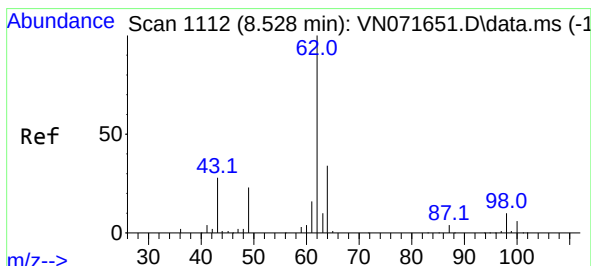
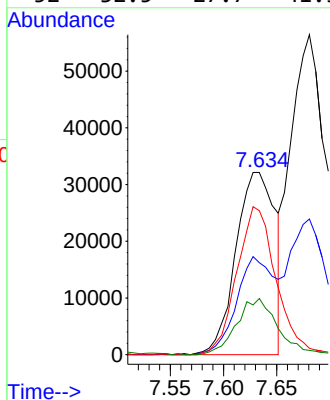
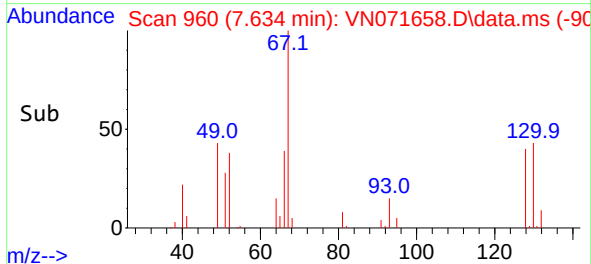
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBSD01



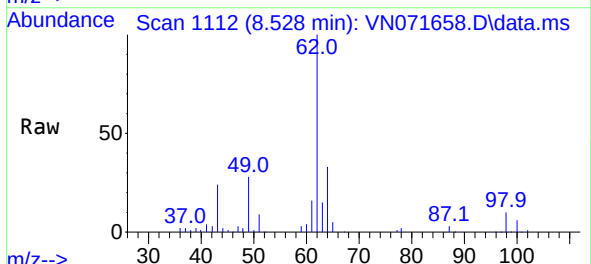
Tgt Ion: 41 Resp: 8259
Ion Ratio Lower Upper
41 100
39 52.0 48.6 73.0
67 81.6 73.4 110.2
52 32.5 27.7 41.5

Manual Integrations
APPROVED

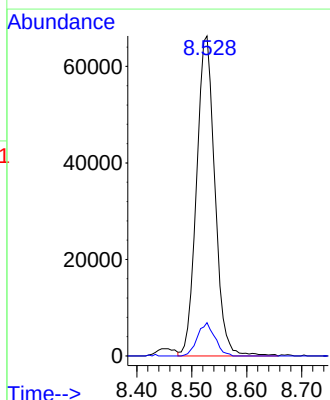
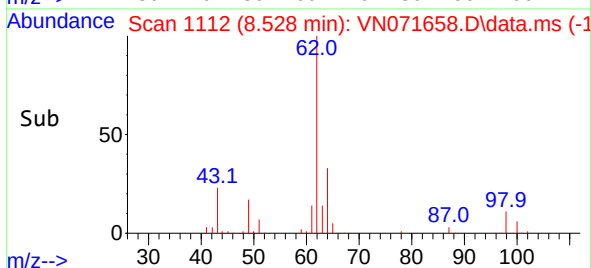
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

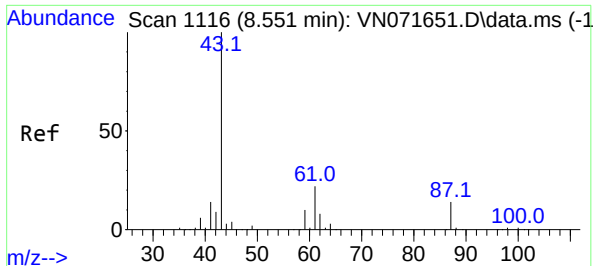


#42
1,2-Dichloroethane
Concen: 21.256 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56



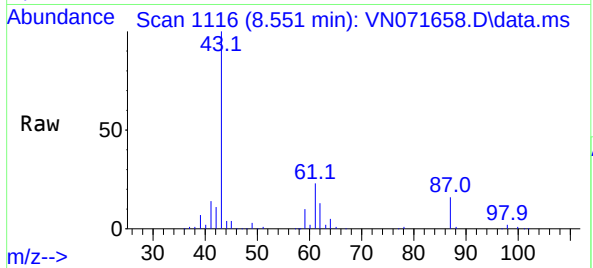
Tgt Ion: 62 Resp: 153521
Ion Ratio Lower Upper
62 100
98 9.9 0.0 19.4





#43
Isopropyl Acetate
Concen: 20.318 ug/l
RT: 8.551 min Scan# 1116
Delta R.T. 0.000 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56

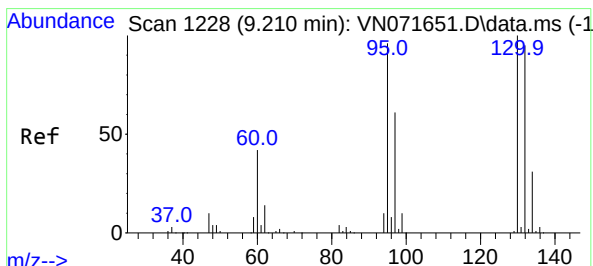
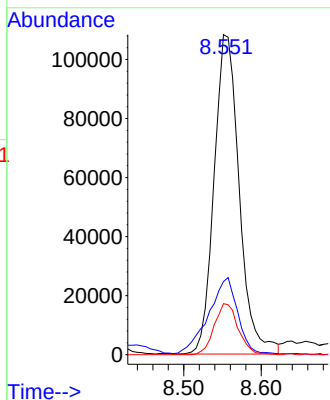
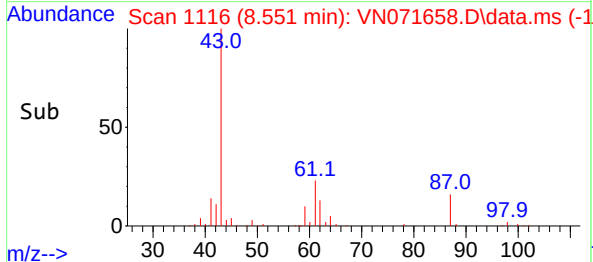
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBSD01



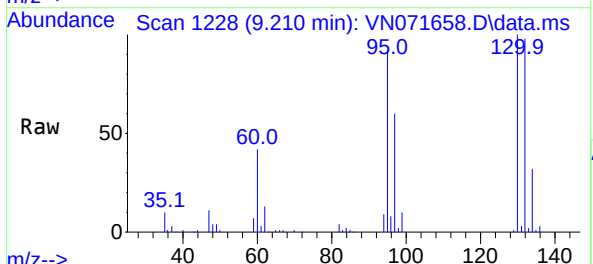
Tgt Ion: 43 Resp: 244472
Ion Ratio Lower Upper
43 100
61 27.7 21.9 32.9
87 15.2 12.0 18.0

Manual Integrations
APPROVED

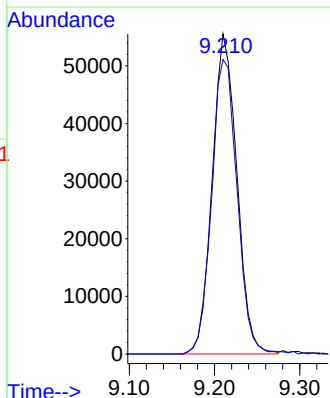
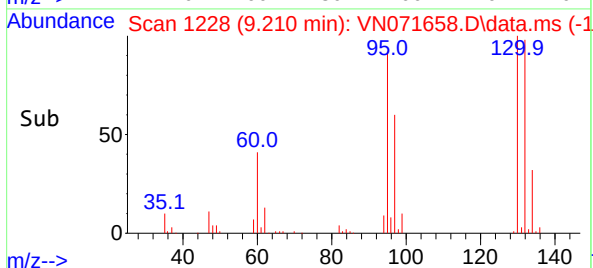
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

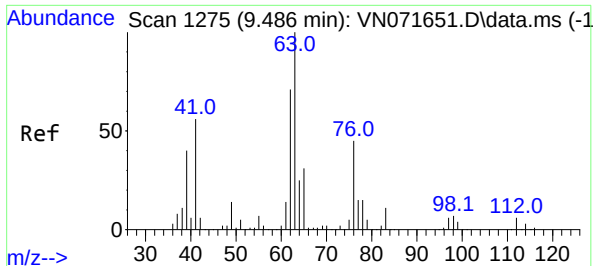


#44
Trichloroethene
Concen: 20.726 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56



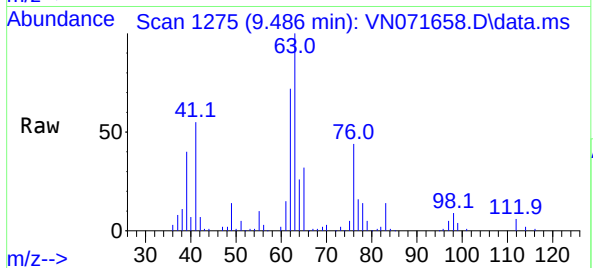
Tgt Ion:130 Resp: 111481
Ion Ratio Lower Upper
130 100
95 92.0 0.0 186.8





#45
1,2-Dichloropropane
Concen: 20.992 ug/l
RT: 9.486 min Scan# 1275
Delta R.T. 0.000 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56

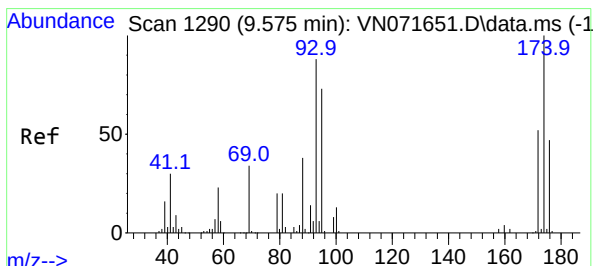
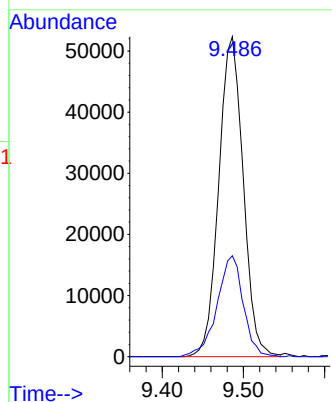
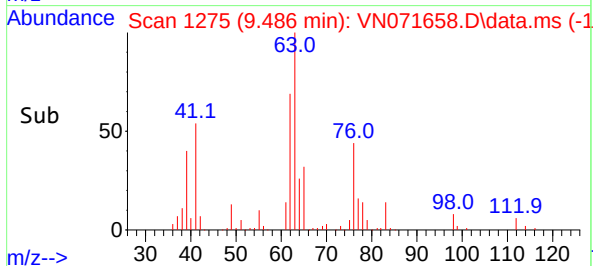
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBSD01



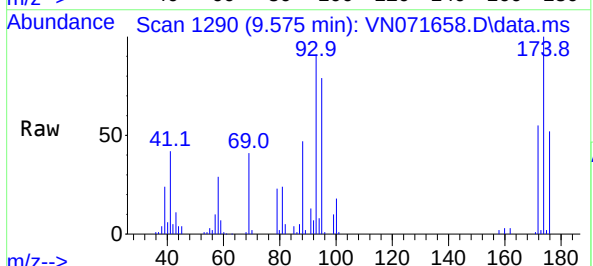
Tgt Ion: 63 Resp: 109489
Ion Ratio Lower Upper
63 100
65 31.5 24.9 37.3

Manual Integrations
APPROVED

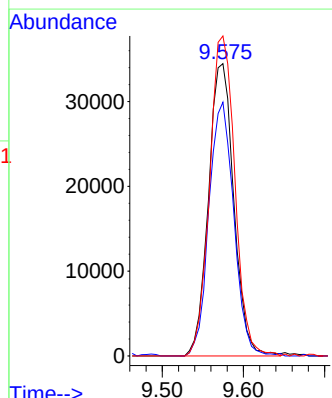
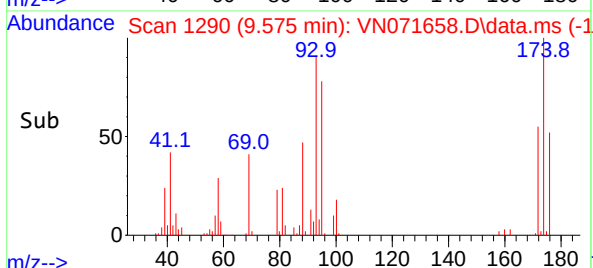
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

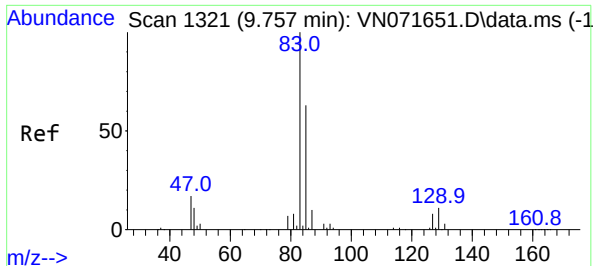


#46
Dibromomethane
Concen: 21.126 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. -0.000 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56



Tgt Ion: 93 Resp: 74816
Ion Ratio Lower Upper
93 100
95 85.3 66.9 100.3
174 109.2 86.6 130.0





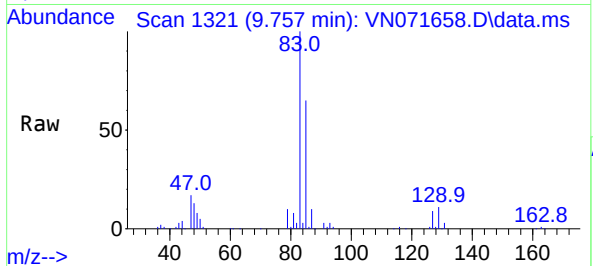
#47
Bromodichloromethane
Concen: 21.630 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56

Instrument :

MSVOA_N

ClientSampleId :

VN0330WBSD01



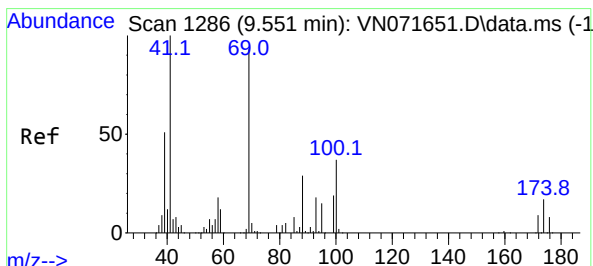
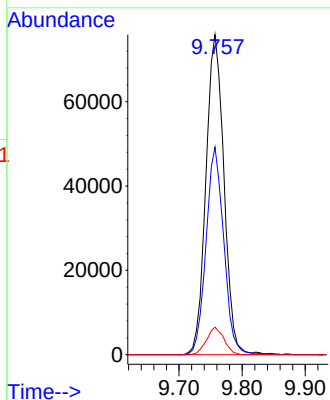
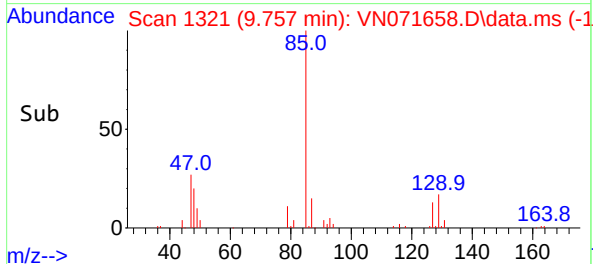
Tgt Ion: 83 Resp: 150783
Ion Ratio Lower Upper
83 100
85 64.8 50.5 75.7
127 8.6 6.8 10.2

Manual Integrations

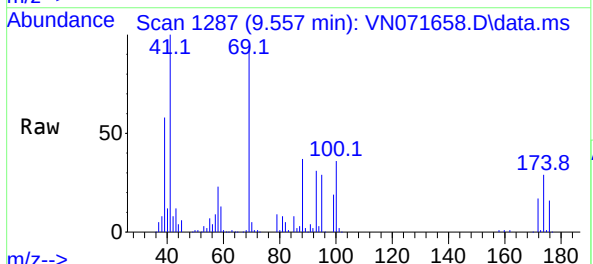
APPROVED

Reviewed By :John Carlone 03/31/2022

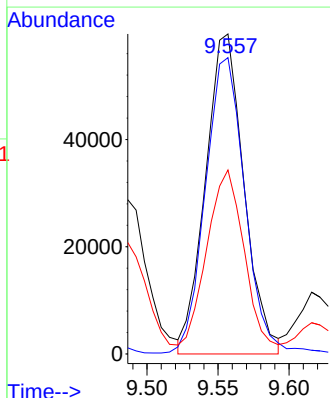
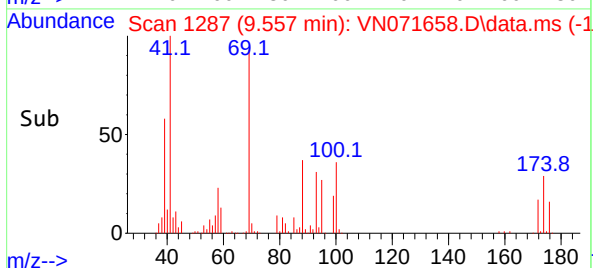
Supervised By :Mahesh Dadoda 04/01/2022

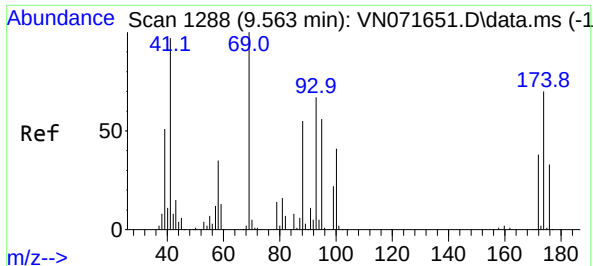


#48
Methyl methacrylate
Concen: 22.564 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56



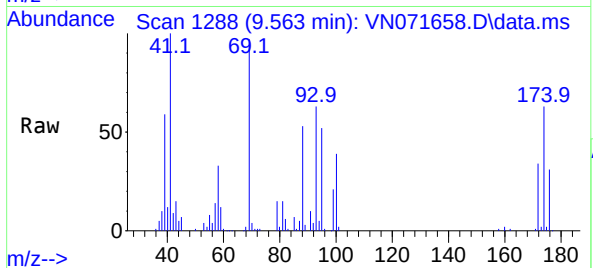
Tgt Ion: 41 Resp: 112643
Ion Ratio Lower Upper
41 100
69 94.4 74.7 112.1
39 56.5 45.6 68.4





#49
1,4-Dioxane
Concen: 432.774 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56

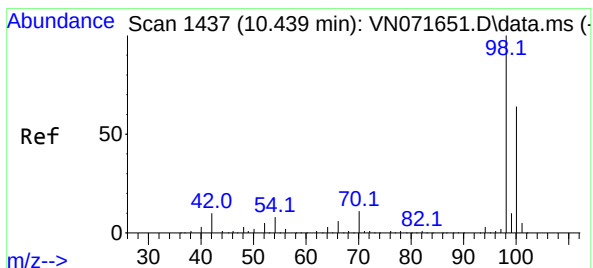
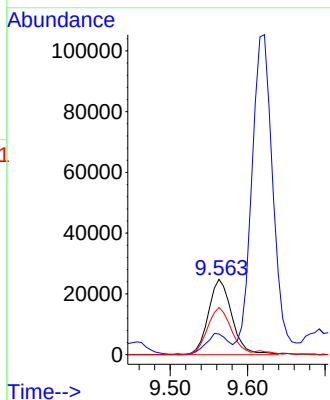
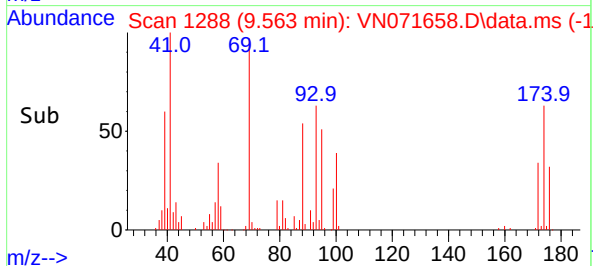
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBSD01



Tgt Ion: 88 Resp: 5218
Ion Ratio Lower Upper
88 100
43 25.5 20.2 30.4
58 63.2 54.2 81.4

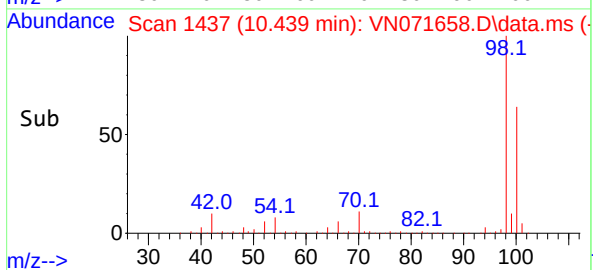
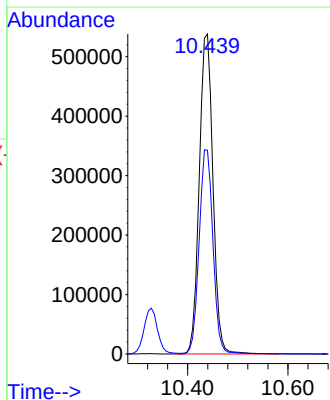
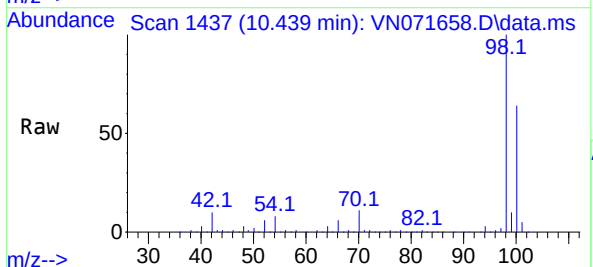
Manual Integrations
APPROVED

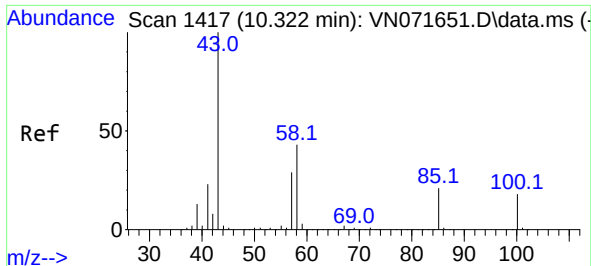
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#50
Toluene-d8
Concen: 52.737 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56

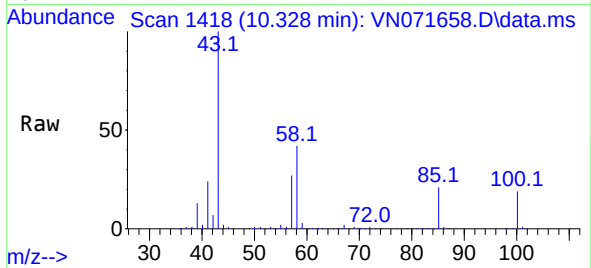
Tgt Ion: 98 Resp: 1021047
Ion Ratio Lower Upper
98 100
100 64.2 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 110.405 ug/l
RT: 10.328 min Scan# 1417
Delta R.T. 0.006 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56

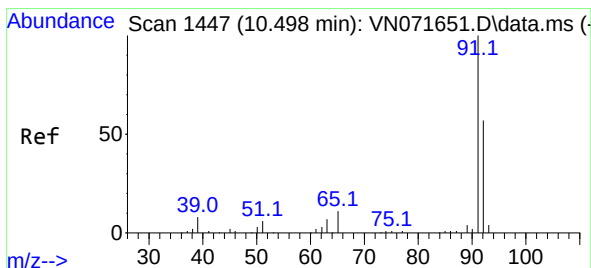
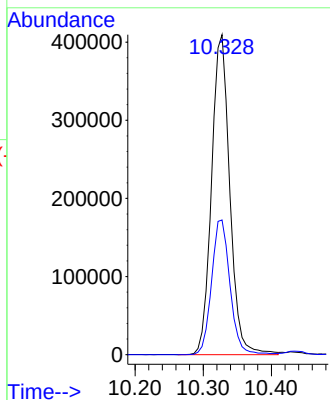
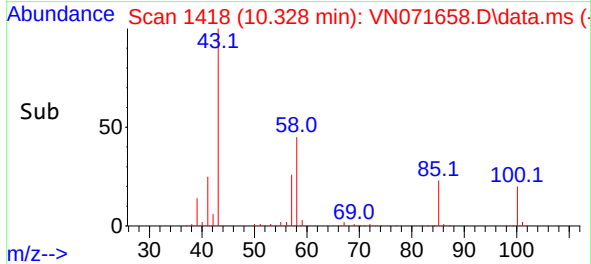
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBSD01



Tgt Ion: 43 Resp: 76378
Ion Ratio Lower Upper
43 100
58 42.6 34.1 51.1

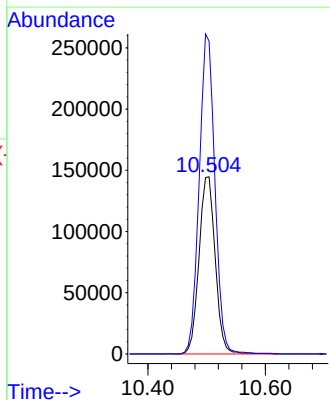
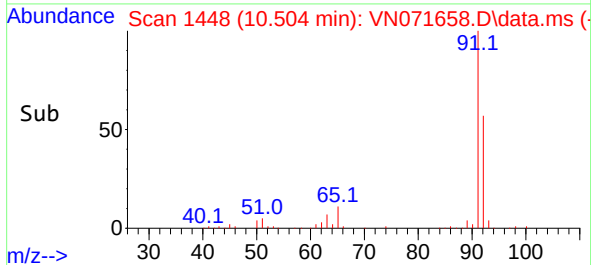
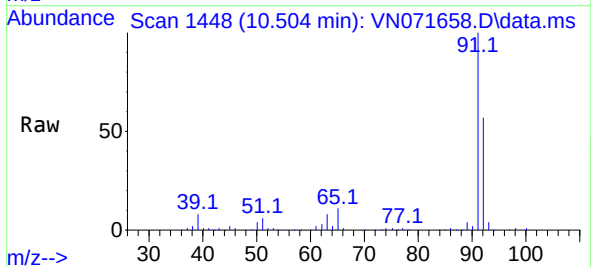
Manual Integrations
APPROVED

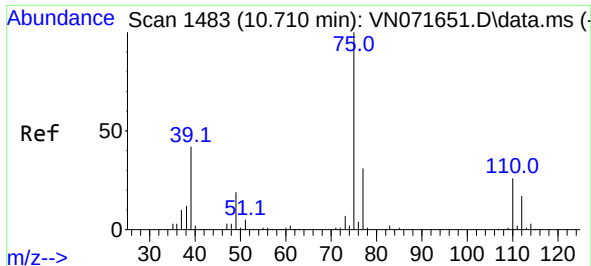
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#52
Toluene
Concen: 20.964 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56

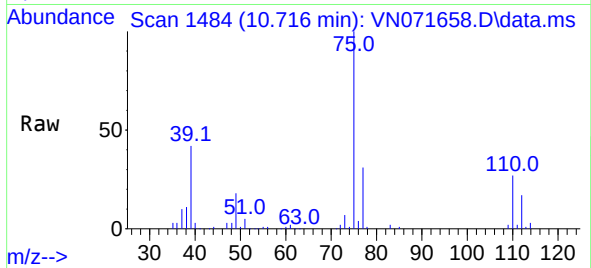
Tgt Ion: 92 Resp: 276675
Ion Ratio Lower Upper
92 100
91 175.0 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 21.655 ug/l
RT: 10.716 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56

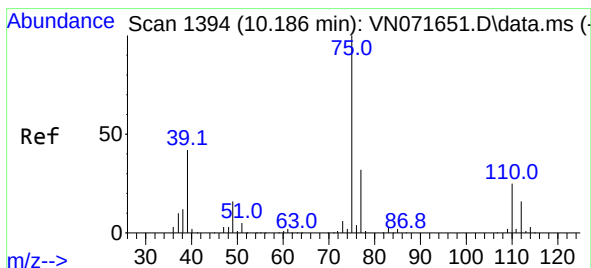
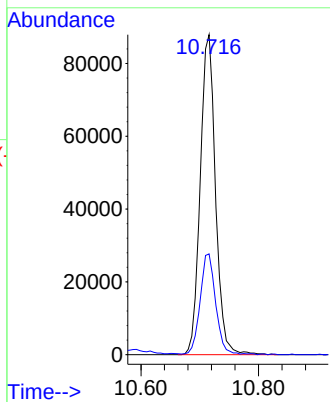
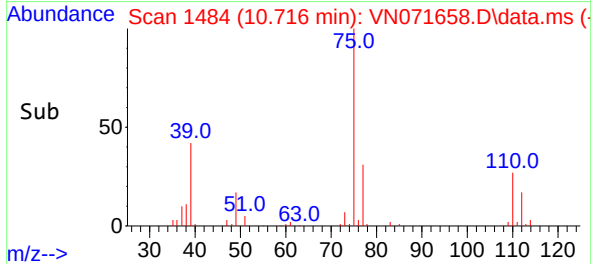
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBSD01



Tgt Ion: 75 Resp: 15821
Ion Ratio Lower Upper
75 100
77 31.5 25.6 38.4

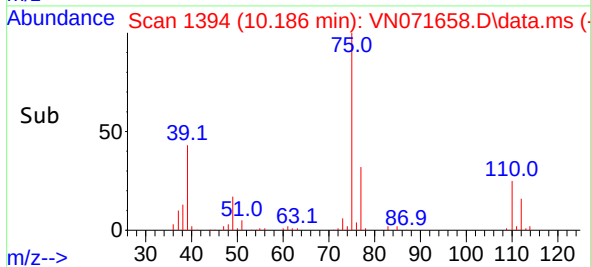
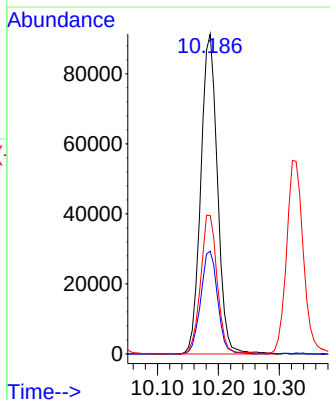
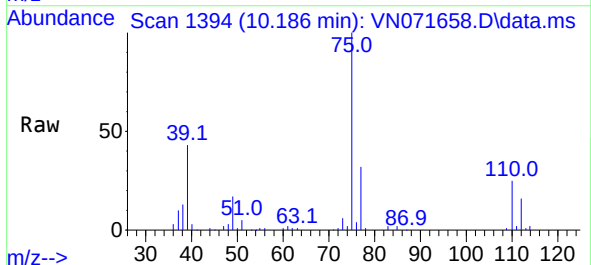
Manual Integrations
APPROVED

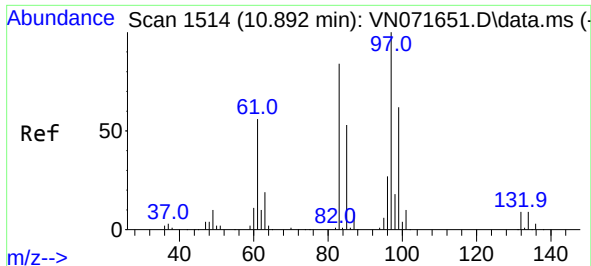
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#54
cis-1,3-Dichloropropene
Concen: 21.493 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56

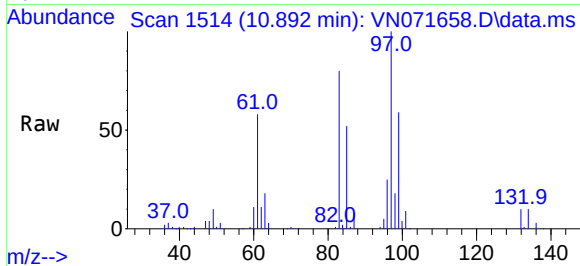
Tgt Ion: 75 Resp: 173502
Ion Ratio Lower Upper
75 100
77 32.1 25.2 37.8
39 43.3 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 21.452 ug/l
RT: 10.892 min Scan# 116520
Delta R.T. 0.000 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56

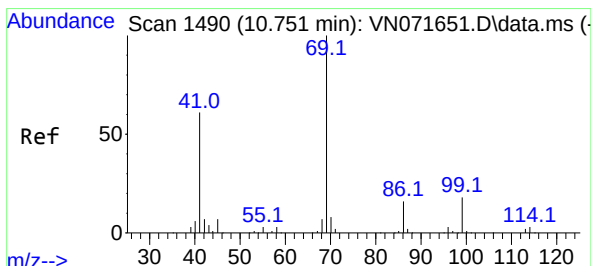
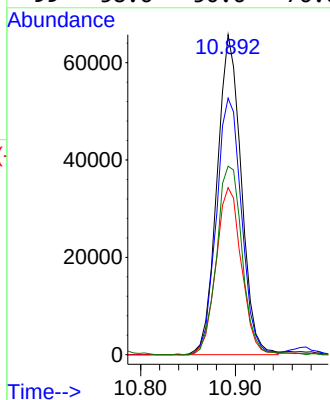
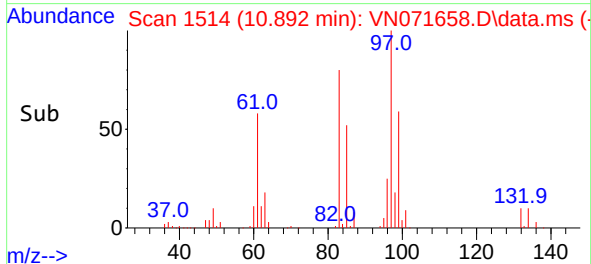
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBSD01



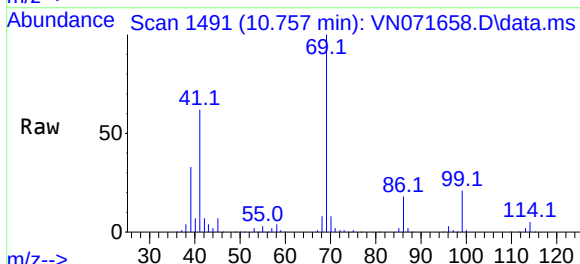
Tgt Ion: 97 Resp: 116520
Ion Ratio Lower Upper
97 100
83 80.2 66.2 99.4
85 52.2 43.9 65.9
99 58.6 50.6 76.0

Manual Integrations
APPROVED

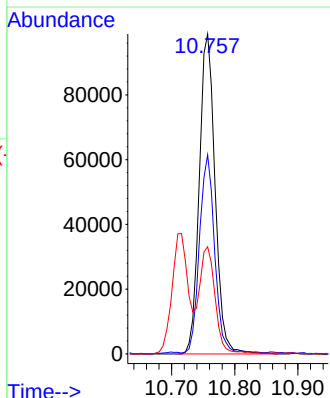
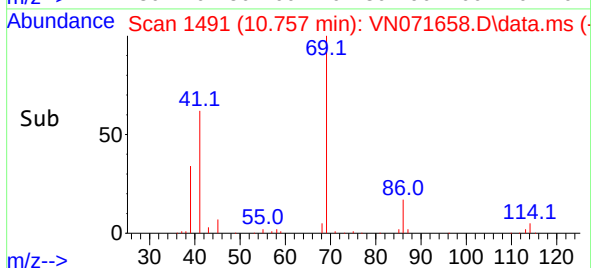
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

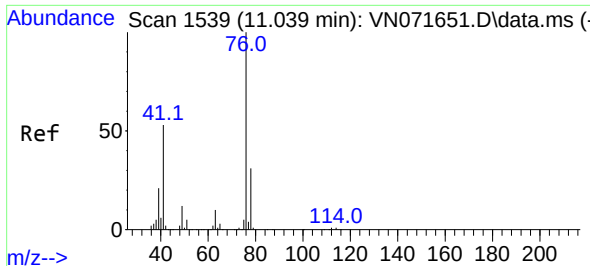


#56
Ethyl methacrylate
Concen: 22.131 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56



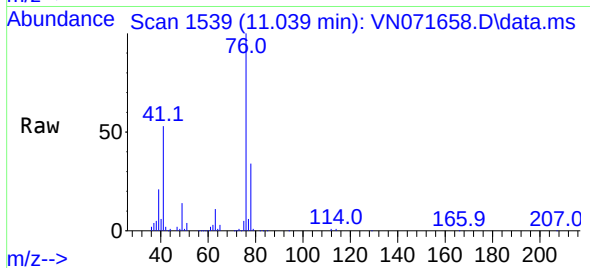
Tgt Ion: 69 Resp: 171490
Ion Ratio Lower Upper
69 100
41 59.6 47.8 71.6
39 33.5 27.3 40.9





#57
1,3-Dichloropropane
Concen: 21.391 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56

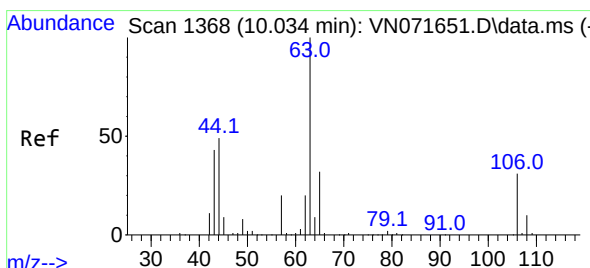
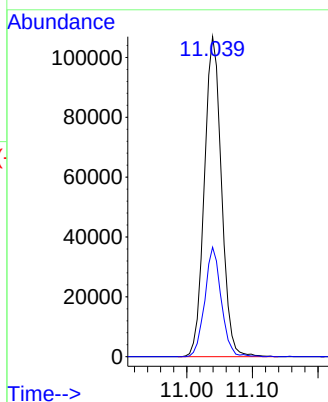
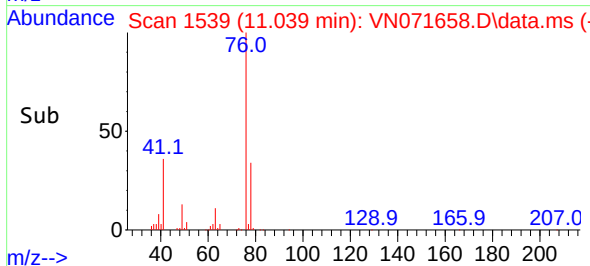
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBSD01



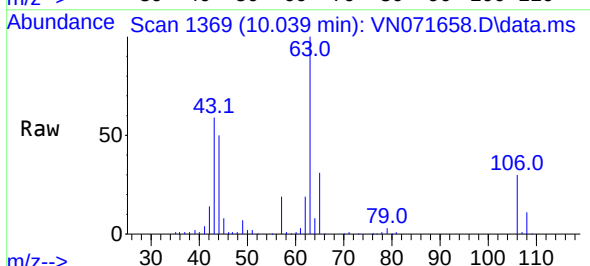
Tgt Ion: 76 Resp: 19426
Ion Ratio Lower Upper
76 100
78 32.9 26.2 39.2

Manual Integrations
APPROVED

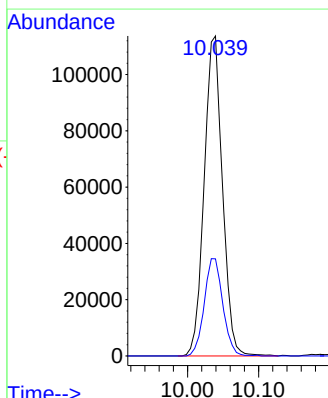
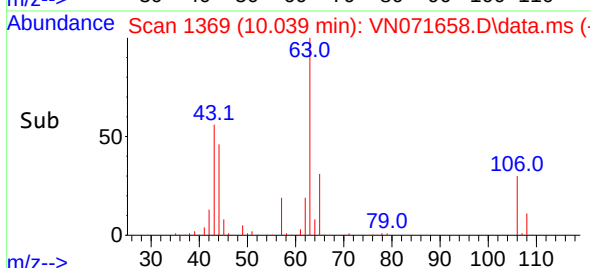
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

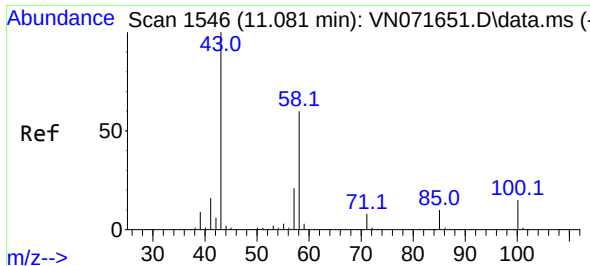


#58
2-Chloroethyl Vinyl ether
Concen: 96.417 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.005 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56



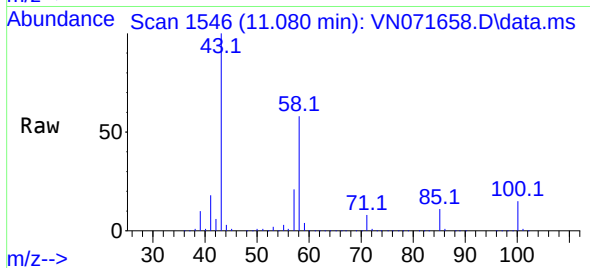
Tgt Ion: 63 Resp: 203332
Ion Ratio Lower Upper
63 100
106 31.0 24.6 36.8





#59
2-Hexanone
Concen: 112.769 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.001 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56

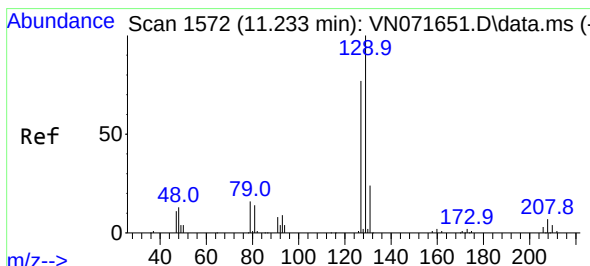
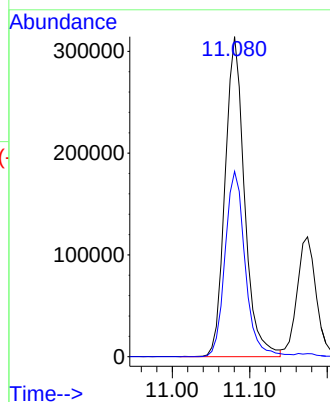
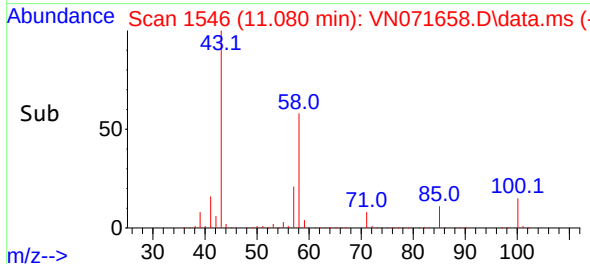
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBSD01



Tgt Ion: 43 Resp: 549259
Ion Ratio Lower Upper
43 100
58 59.9 29.7 89.1

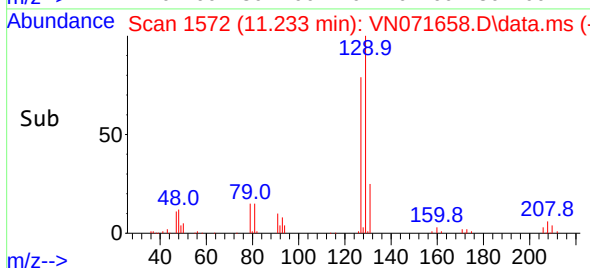
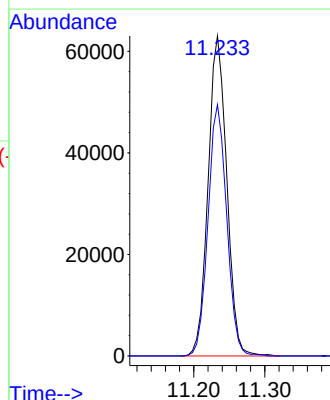
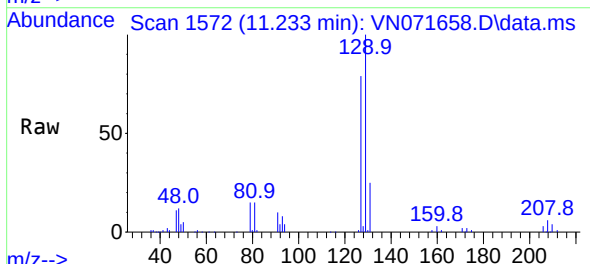
Manual Integrations
APPROVED

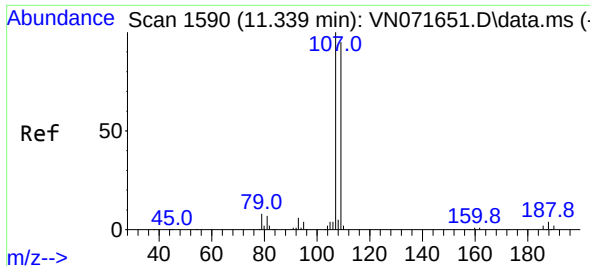
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#60
Dibromochloromethane
Concen: 21.764 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56

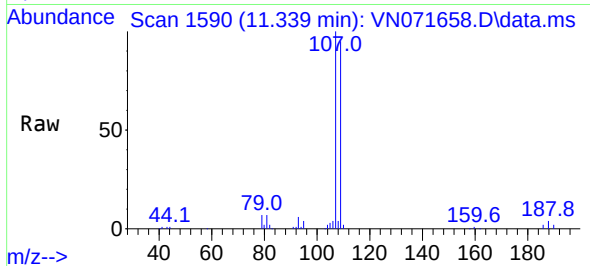
Tgt Ion:129 Resp: 115267
Ion Ratio Lower Upper
129 100
127 78.6 38.8 116.4





#61
1,2-Dibromoethane
Concen: 21.980 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56

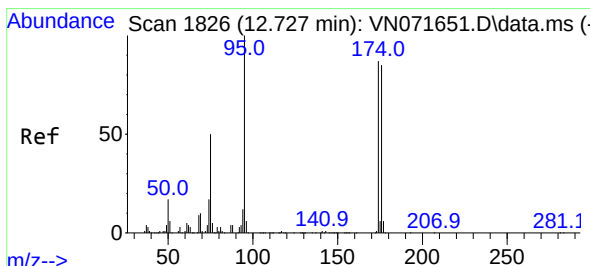
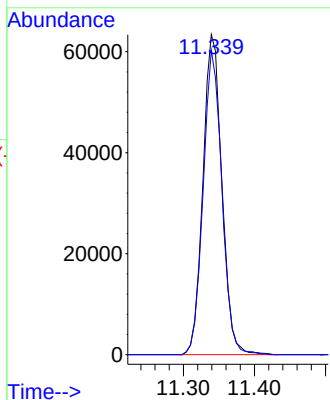
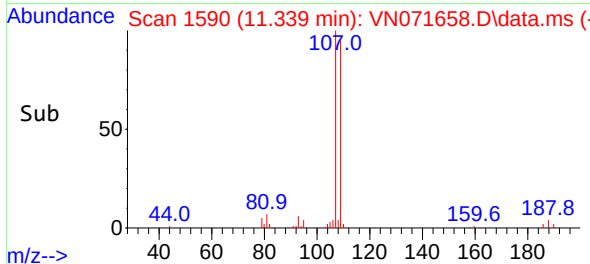
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBSD01



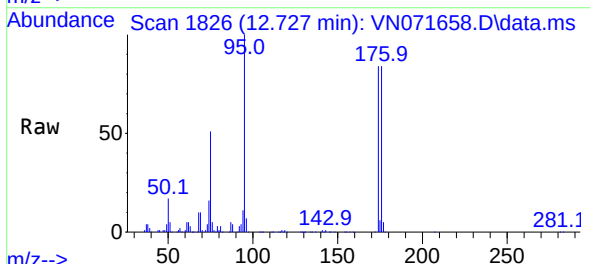
Tgt Ion:107 Resp: 117519
Ion Ratio Lower Upper
107 100
109 94.1 75.0 112.6

Manual Integrations
APPROVED

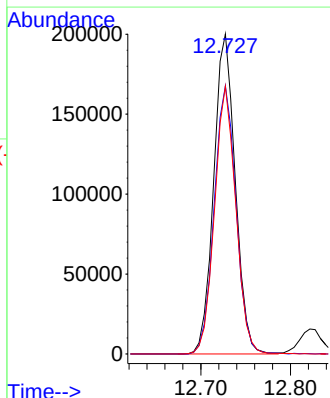
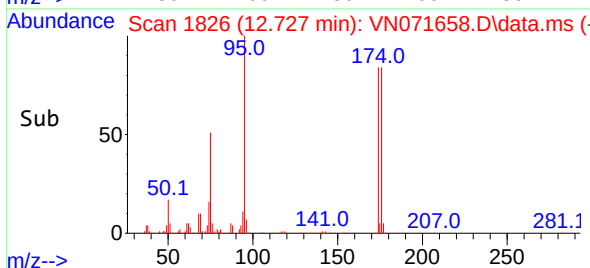
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

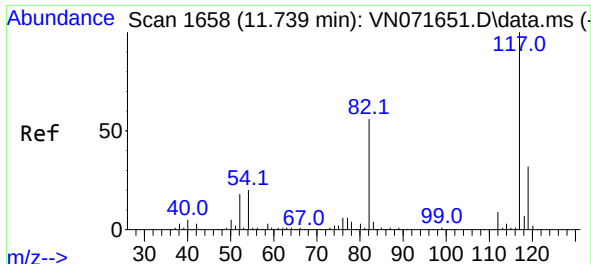


#62
4-Bromofluorobenzene
Concen: 53.173 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56



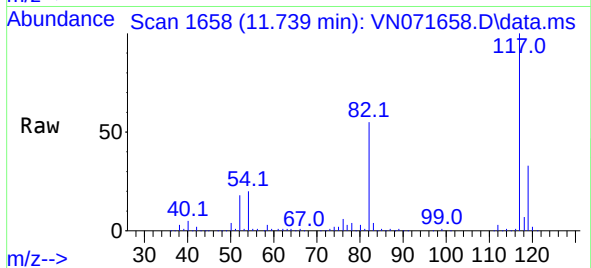
Tgt Ion: 95 Resp: 332953
Ion Ratio Lower Upper
95 100
174 85.2 0.0 167.6
176 82.8 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56

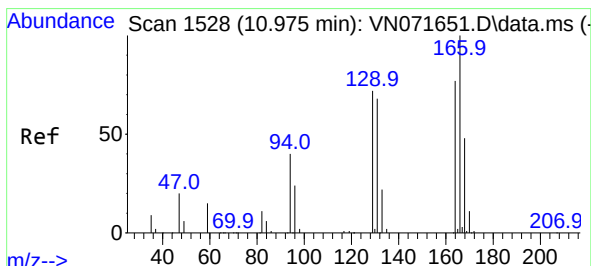
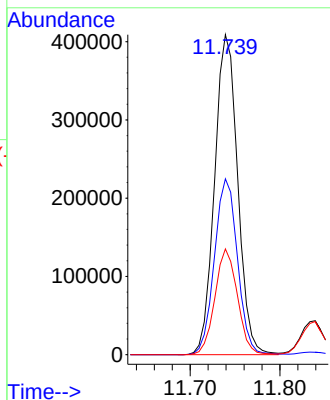
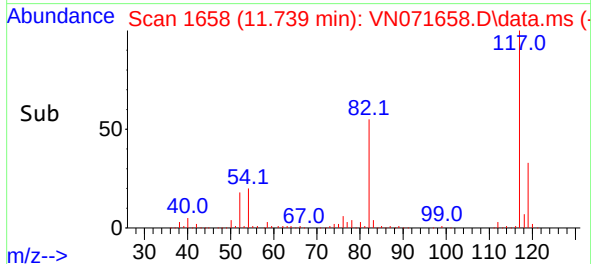
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBSD01



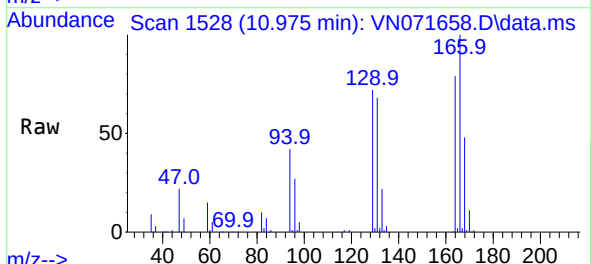
Tgt Ion:117 Resp: 73046
Ion Ratio Lower Upper
117 100
82 55.0 44.2 66.2
119 33.0 25.4 38.0

Manual Integrations
APPROVED

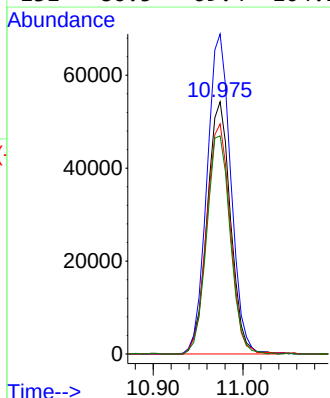
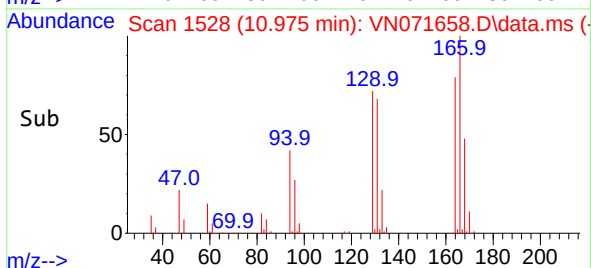
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

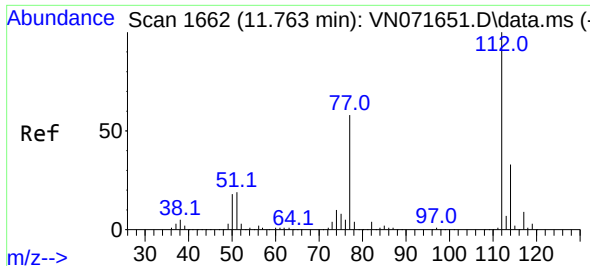


#64
Tetrachloroethene
Concen: 20.375 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56



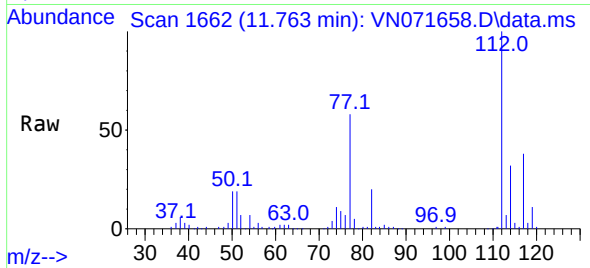
Tgt Ion:164 Resp: 98278
Ion Ratio Lower Upper
164 100
166 126.9 104.2 156.2
129 91.2 73.9 110.9
131 86.5 69.4 104.2





#65
Chlorobenzene
Concen: 20.730 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56

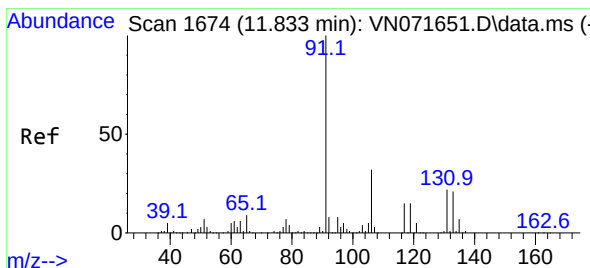
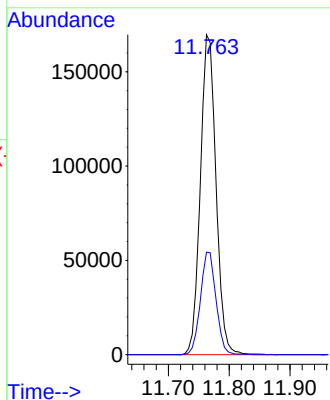
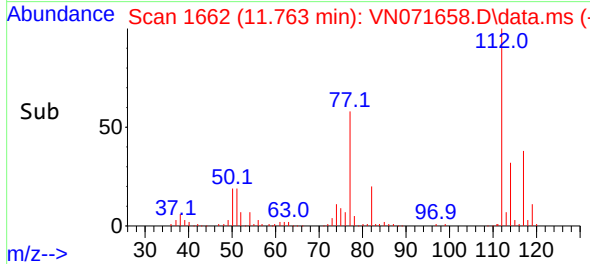
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBSD01



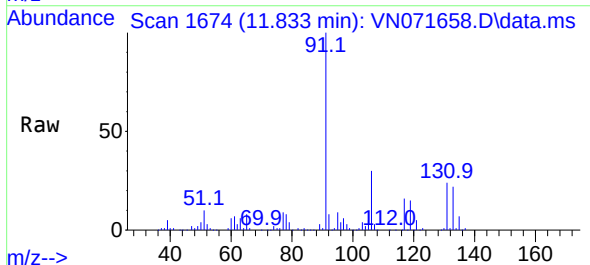
Tgt Ion:112 Resp: 303209
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2

Manual Integrations
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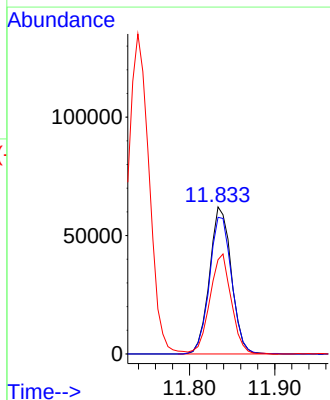
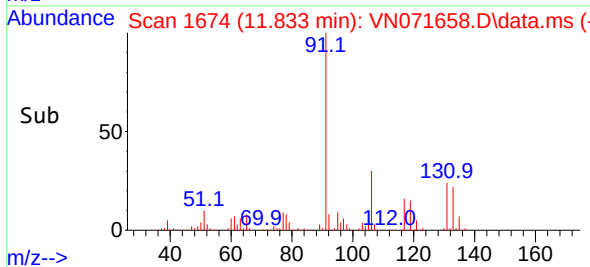
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

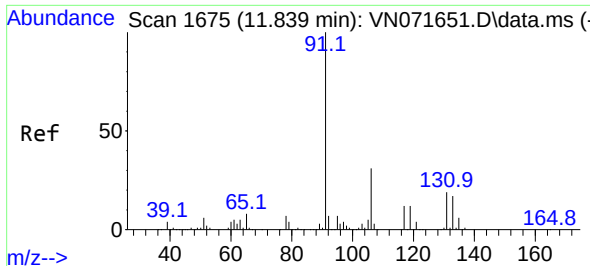


#66
1,1,1,2-Tetrachloroethane
Concen: 20.924 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56



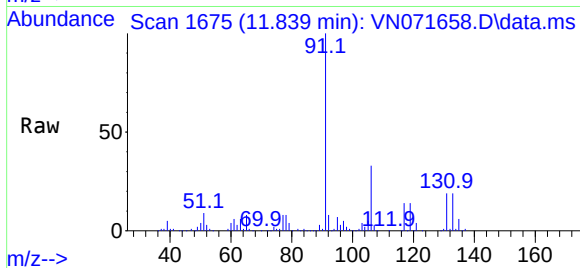
Tgt Ion:131 Resp: 110437
Ion Ratio Lower Upper
131 100
133 95.4 47.8 143.4
119 66.8 33.4 100.2





#67
Ethyl Benzene
Concen: 21.053 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56

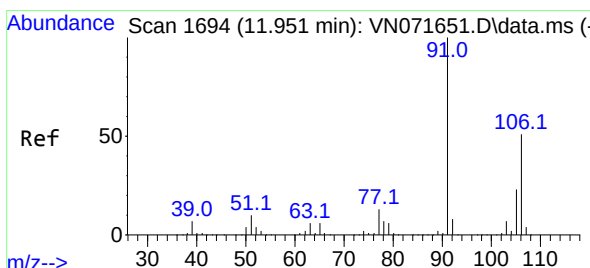
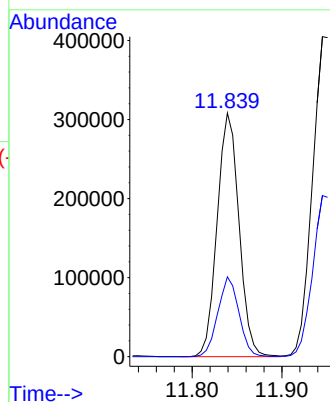
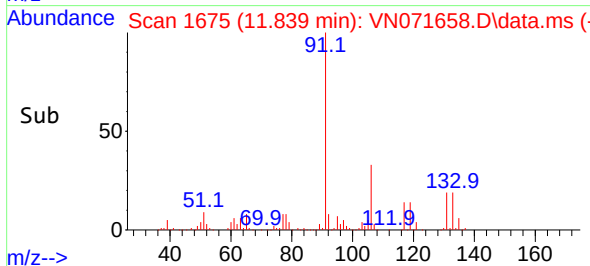
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBSD01



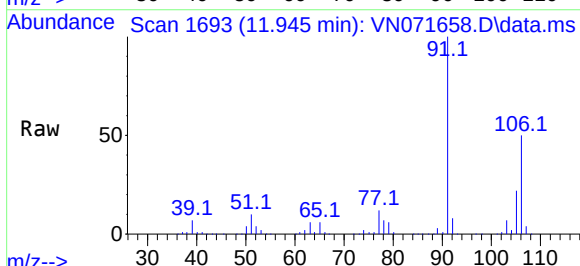
Tgt Ion: 91 Resp: 521285
Ion Ratio Lower Upper
91 100
106 32.8 24.9 37.3

Manual Integrations
APPROVED

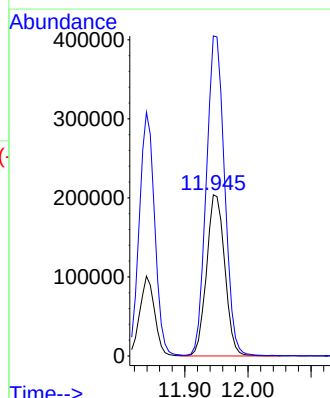
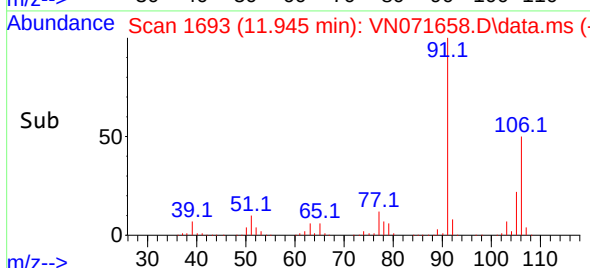
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

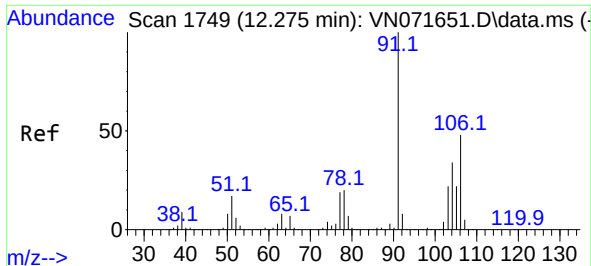


#68
m/p-Xylenes
Concen: 42.885 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56



Tgt Ion:106 Resp: 407992
Ion Ratio Lower Upper
106 100
91 198.5 158.9 238.3





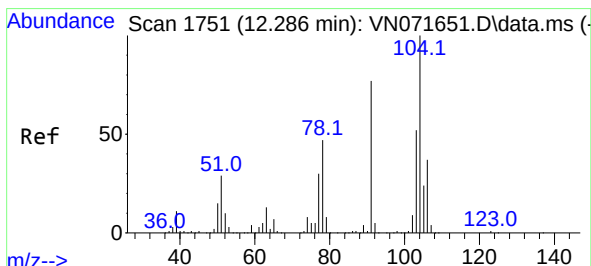
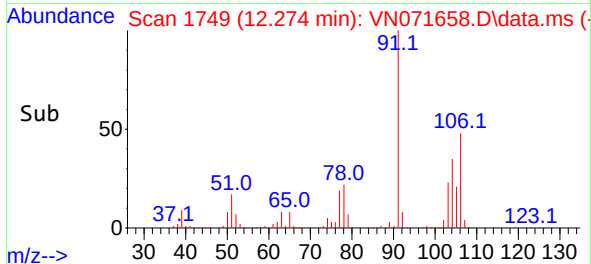
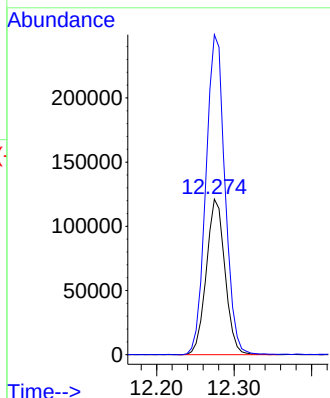
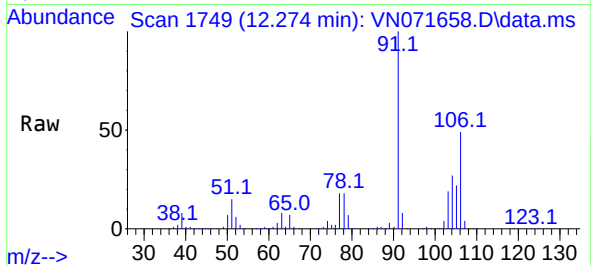
#69
o-Xylene
Concen: 21.443 ug/l
RT: 12.274 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56

Instrument :
MSVOA_N
ClientSampleId :
VN0330WBSD01

Tgt Ion:106 Resp: 202484
Ion Ratio Lower Upper
106 100
91 210.3 106.0 318.0

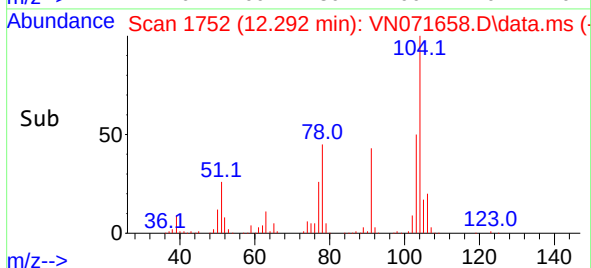
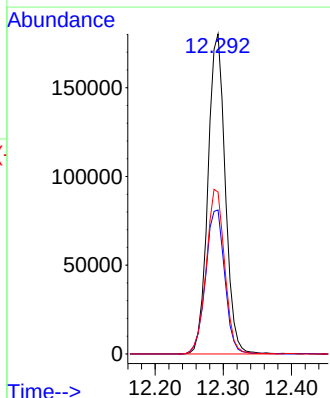
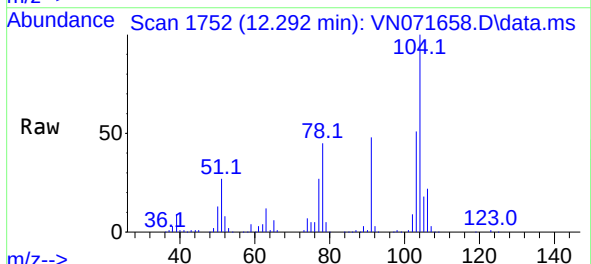
Manual Integrations
APPROVED

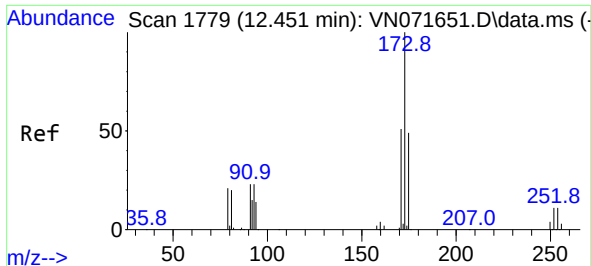
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#70
Styrene
Concen: 22.268 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56

Tgt Ion:104 Resp: 318601
Ion Ratio Lower Upper
104 100
78 49.7 39.5 59.3
103 54.9 44.0 66.0





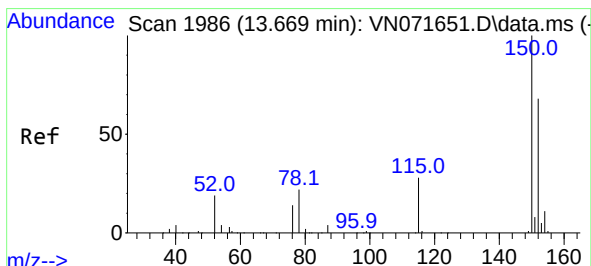
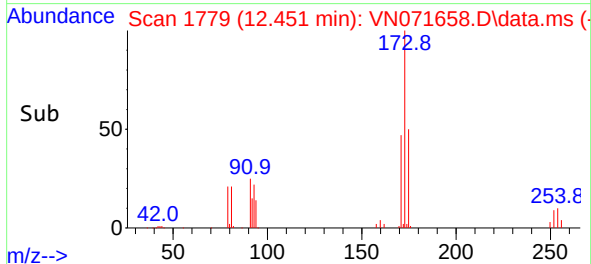
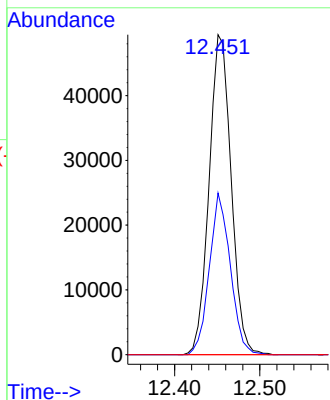
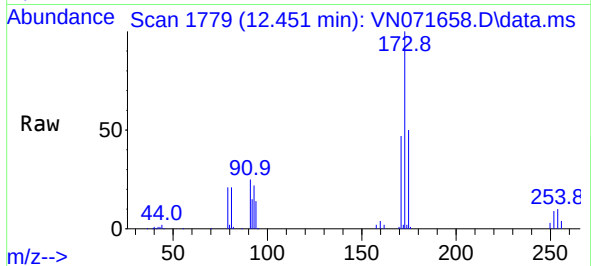
#71
Bromoform
Concen: 22.124 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56

Instrument :
MSVOA_N
ClientSampleId :
VN0330WBSD01

Tgt Ion:173 Resp: 88920
Ion Ratio Lower Upper
173 100
175 48.0 24.6 73.6
254 0.0 0.1 0.1

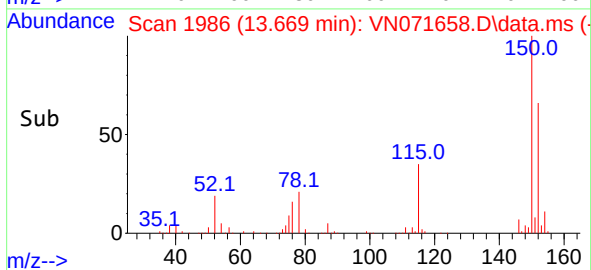
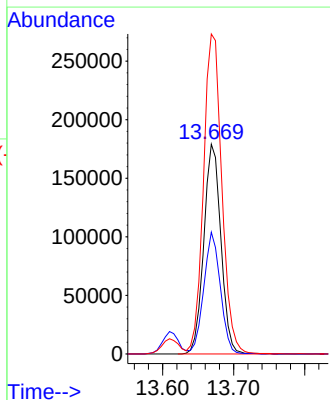
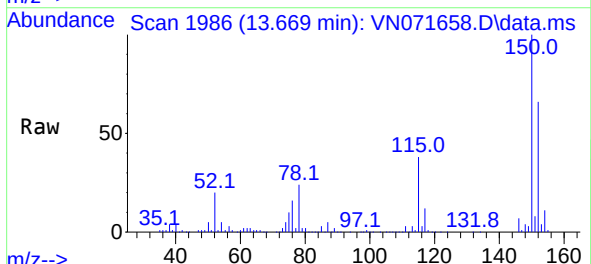
Manual Integrations
APPROVED

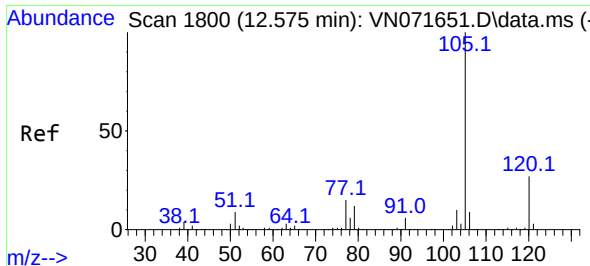
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56

Tgt Ion:152 Resp: 299735
Ion Ratio Lower Upper
152 100
115 56.6 28.9 86.7
150 164.0 0.0 356.2





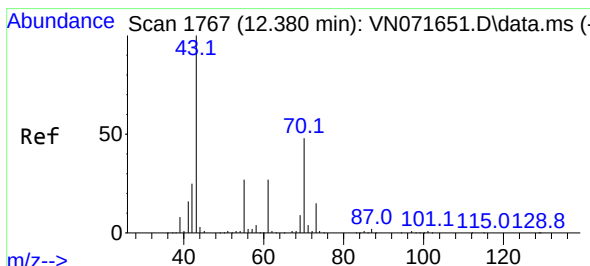
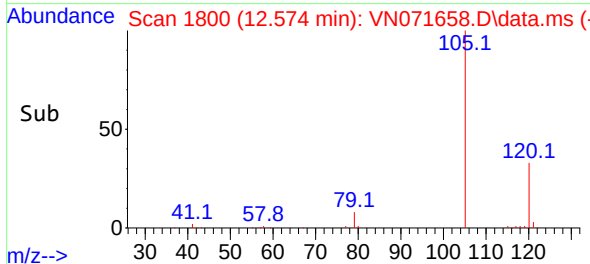
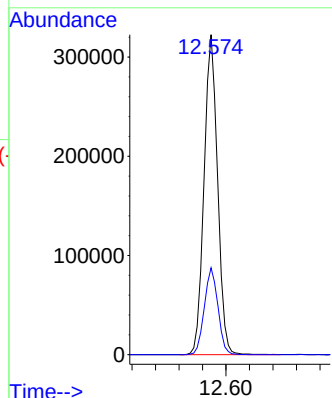
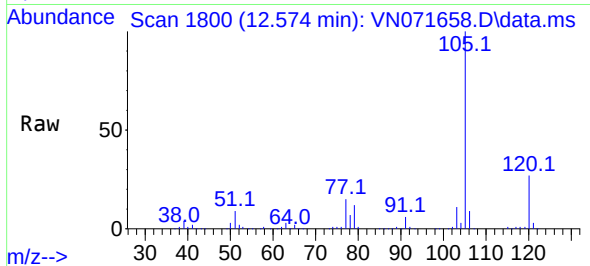
#73
Isopropylbenzene
Concen: 20.382 ug/l
RT: 12.574 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56

Instrument :
MSVOA_N
ClientSampleId :
VN0330WBSD01

Tgt Ion:105 Resp: 514804
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.4

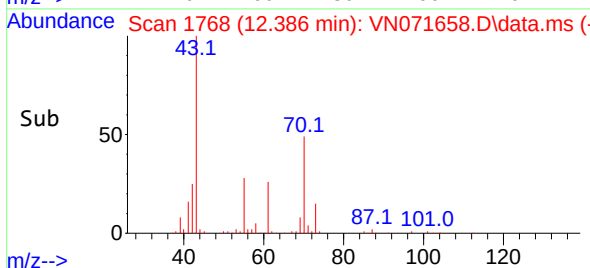
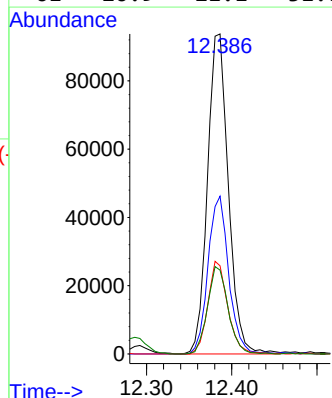
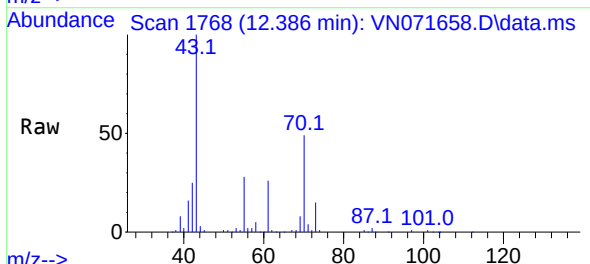
Manual Integrations
APPROVED

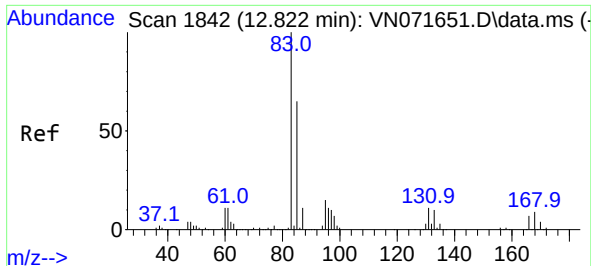
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#74
N-ethyl acetate
Concen: 22.090 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56

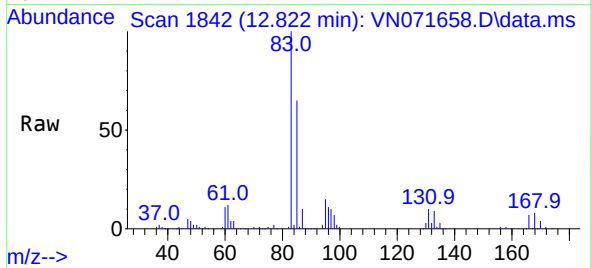
Tgt Ion: 43 Resp: 159860
Ion Ratio Lower Upper
43 100
70 48.9 39.0 58.4
55 27.6 21.1 31.7
61 26.9 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 21.074 ug/l
RT: 12.822 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56

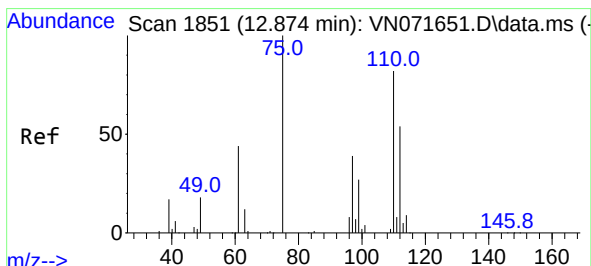
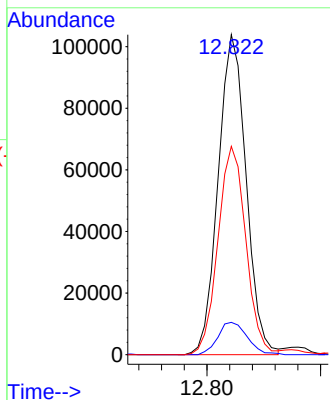
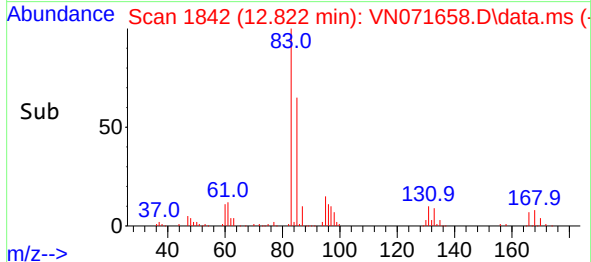
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBSD01



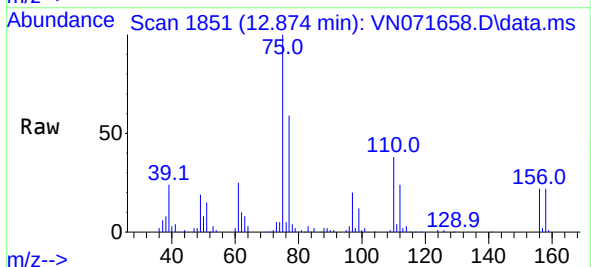
Tgt Ion: 83 Resp: 177598
Ion Ratio Lower Upper
83 100
131 10.7 5.3 15.9
85 65.0 32.3 96.9

Manual Integrations
APPROVED

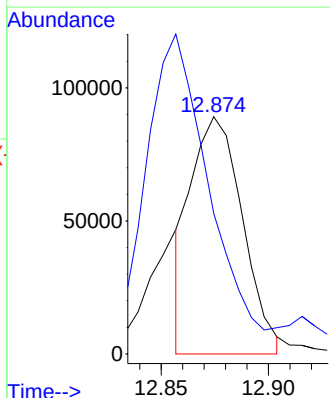
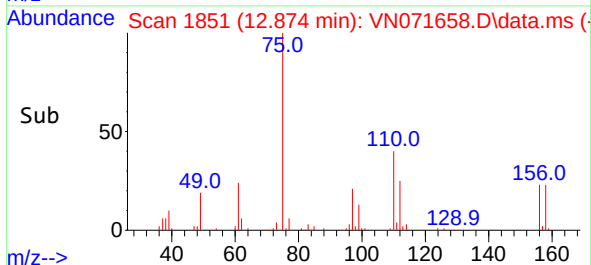
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

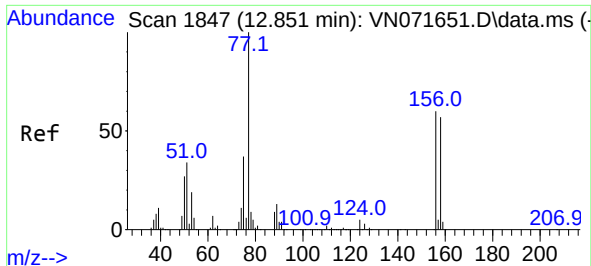


#76
1,2,3-Trichloropropane
Concen: 21.508 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56



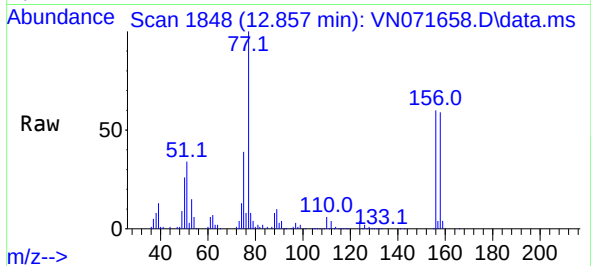
Tgt Ion: 75 Resp: 149340
Ion Ratio Lower Upper
75 100
77 166.6 98.5 295.5





#77
Bromobenzene
Concen: 19.981 ug/l
RT: 12.857 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56

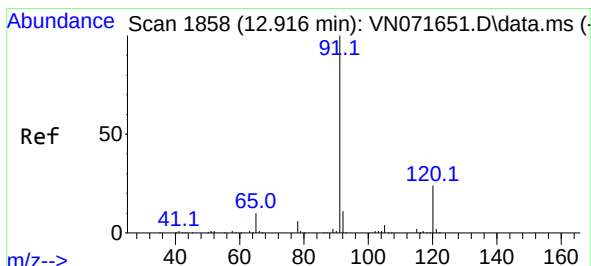
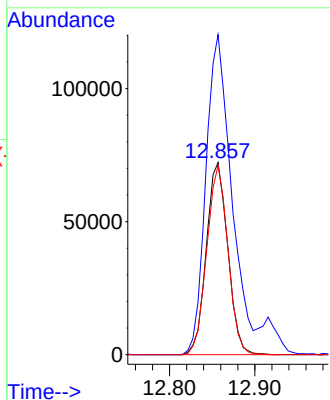
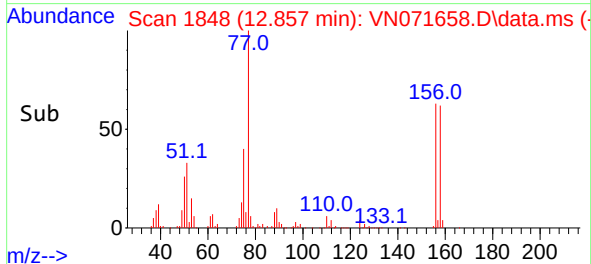
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBSD01



Tgt Ion:156 Resp: 12651
Ion Ratio Lower Upper
156 100
77 196.6 100.5 301.5
158 96.9 48.9 146.6

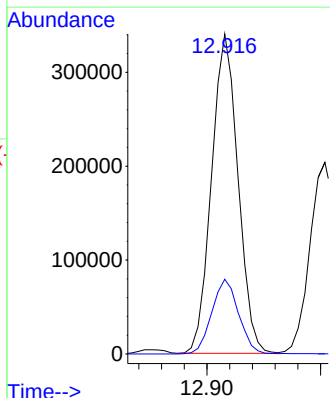
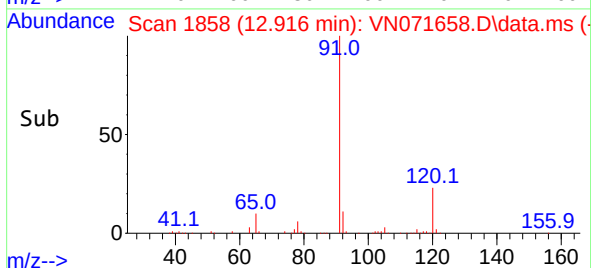
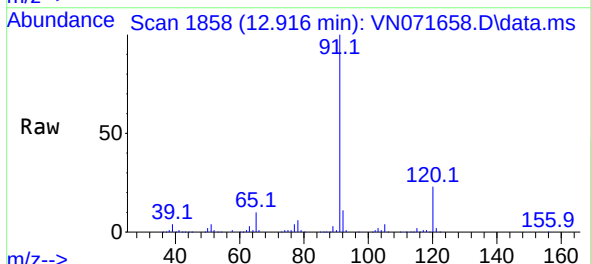
Manual Integrations
APPROVED

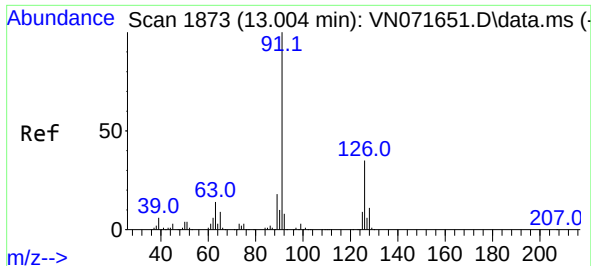
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#78
n-propylbenzene
Concen: 20.712 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56

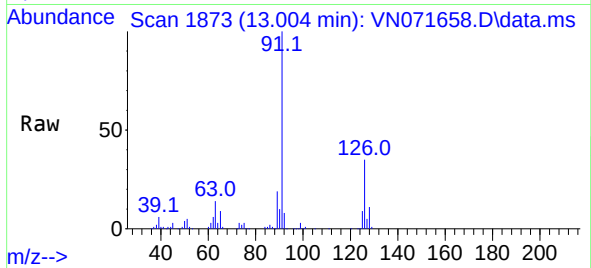
Tgt Ion: 91 Resp: 550308
Ion Ratio Lower Upper
91 100
120 23.8 11.9 35.5





#79
2-Chlorotoluene
Concen: 20.308 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56

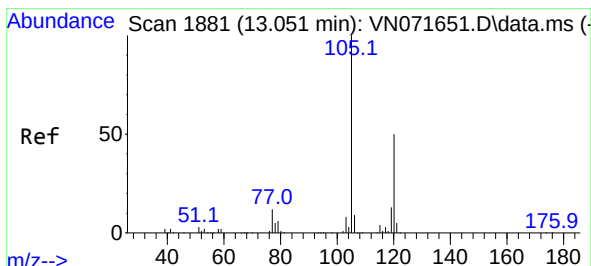
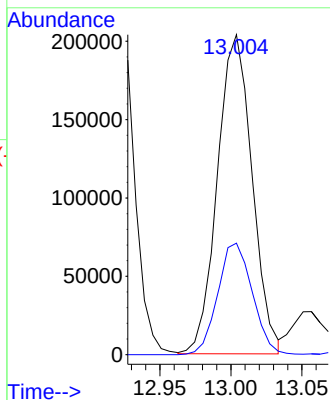
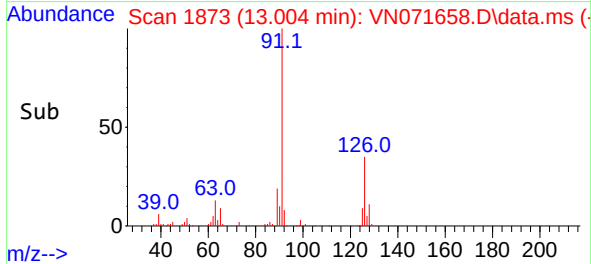
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBSD01



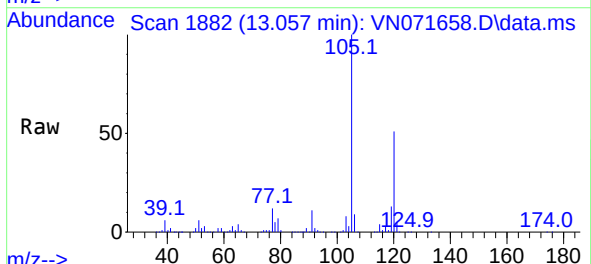
Tgt Ion: 91 Resp: 346028
Ion Ratio Lower Upper
91 100
126 34.8 17.3 51.9

Manual Integrations
APPROVED

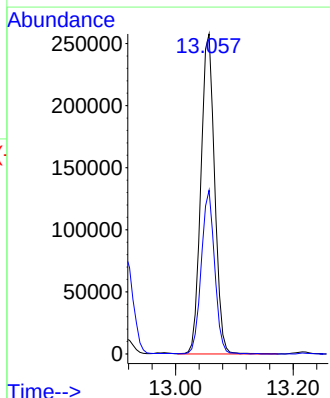
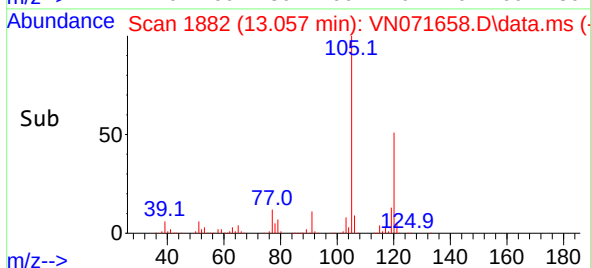
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

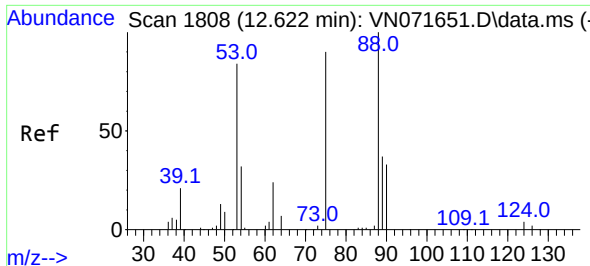


#80
1,3,5-Trimethylbenzene
Concen: 20.922 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56



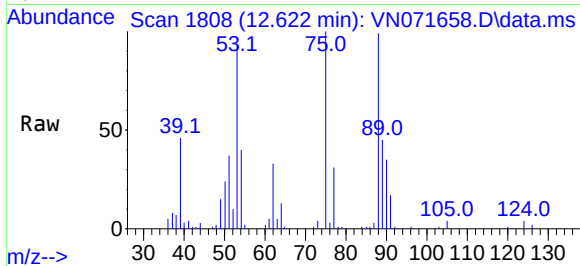
Tgt Ion:105 Resp: 418703
Ion Ratio Lower Upper
105 100
120 49.7 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 21.054 ug/l
RT: 12.622 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56

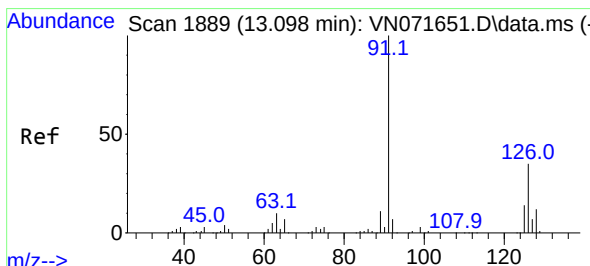
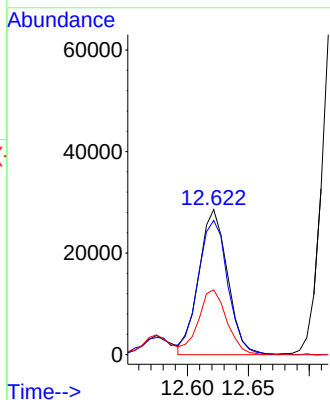
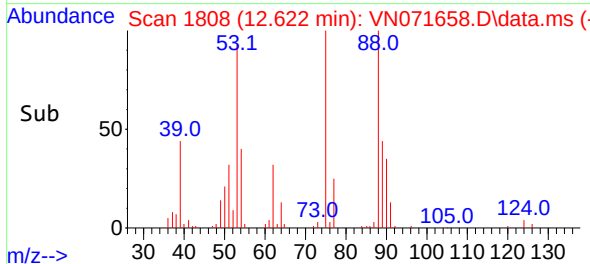
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBSD01



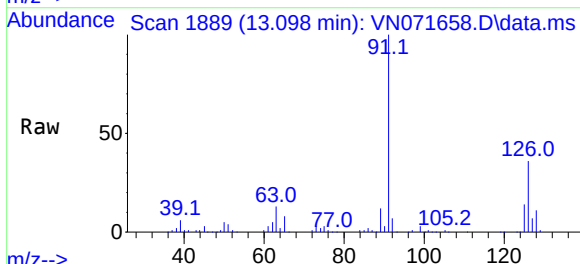
Tgt Ion: 75 Resp: 4717
Ion Ratio Lower Upper
75 100
53 96.7 78.0 117.0
89 44.2 37.2 55.8

Manual Integrations
APPROVED

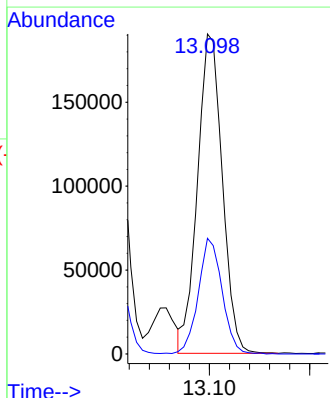
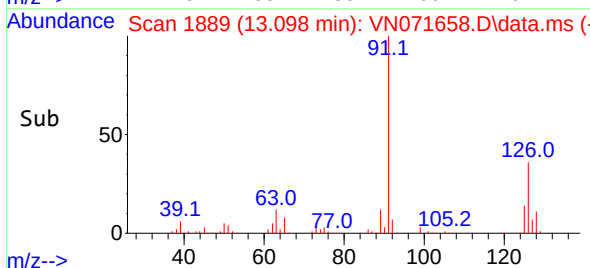
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

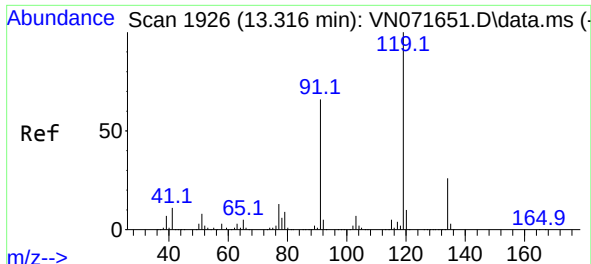


#82
4-Chlorotoluene
Concen: 20.726 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56



Tgt Ion: 91 Resp: 327340
Ion Ratio Lower Upper
91 100
126 34.8 17.2 51.6





#83
tert-Butylbenzene
Concen: 20.733 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.005 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56

Instrument :

MSVOA_N

ClientSampleId :

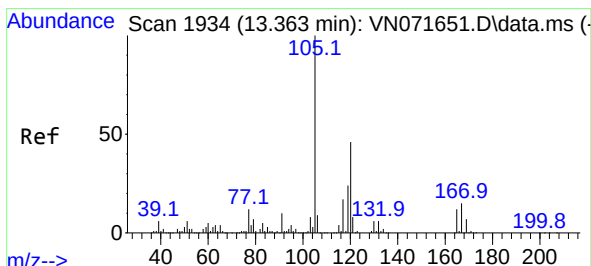
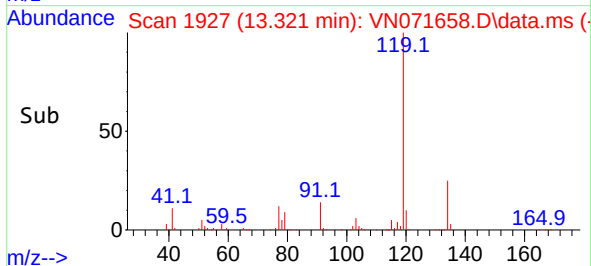
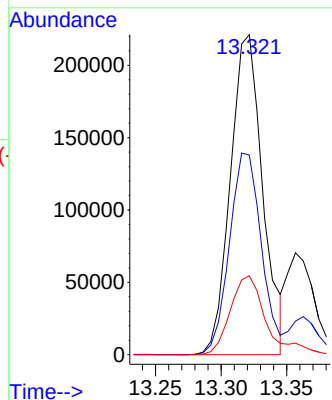
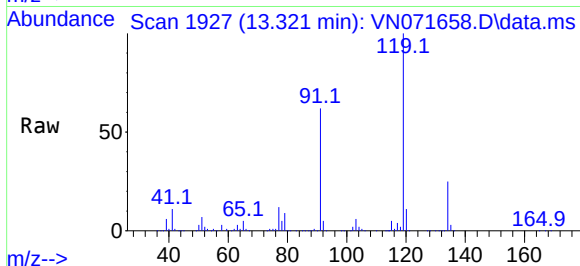
VN0330WBSD01

Tgt Ion:119 Resp: 379264
Ion Ratio Lower Upper
119 100
91 62.3 31.6 94.8
134 27.3 13.7 41.1

Manual Integrations

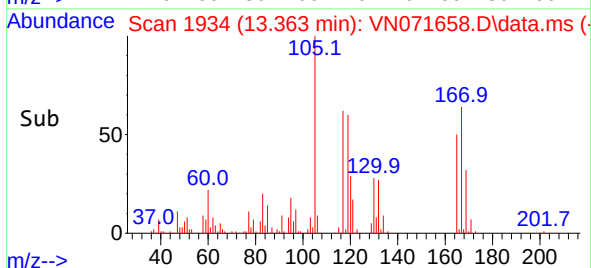
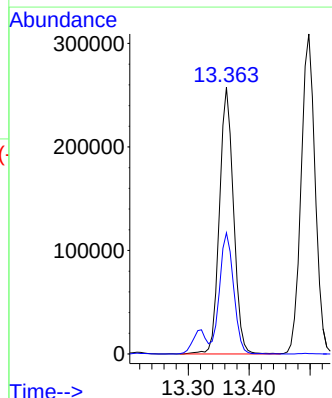
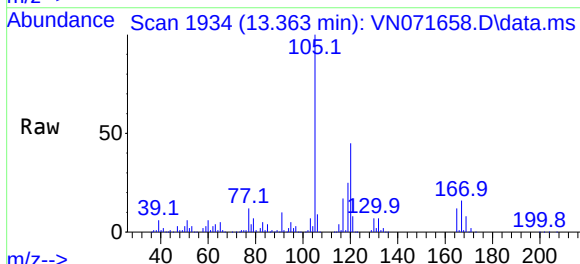
APPROVED

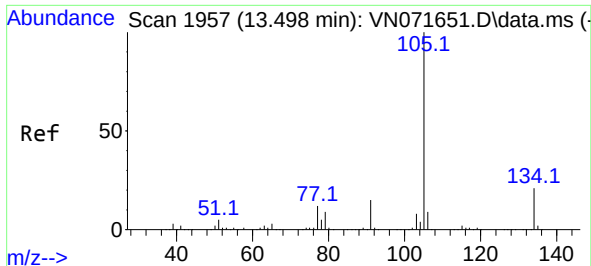
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#84
1,2,4-Trimethylbenzene
Concen: 21.128 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56

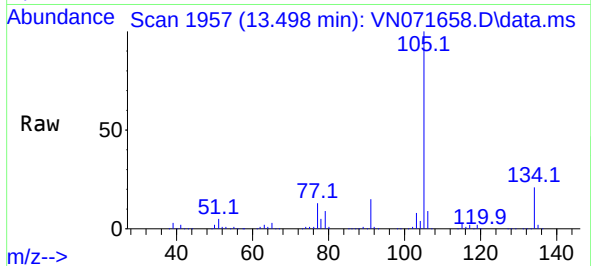
Tgt Ion:105 Resp: 412538
Ion Ratio Lower Upper
105 100
120 45.7 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 20.859 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN071658.D
 Acq: 30 Mar 2022 14:56

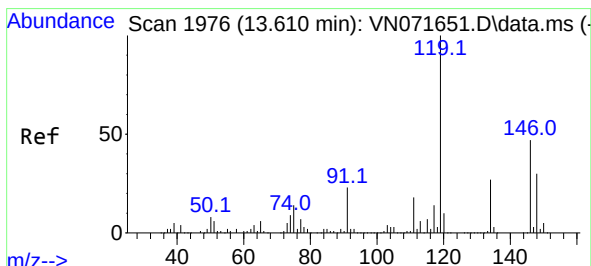
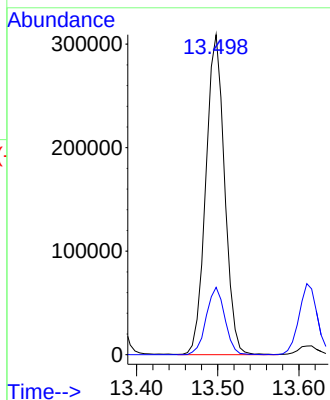
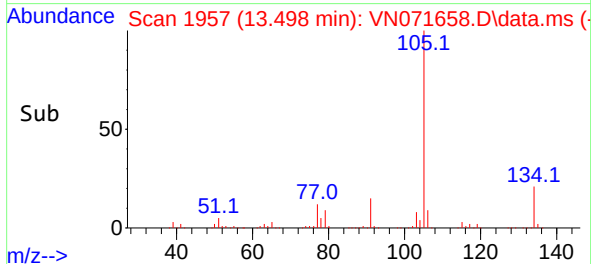
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0330WBSD01



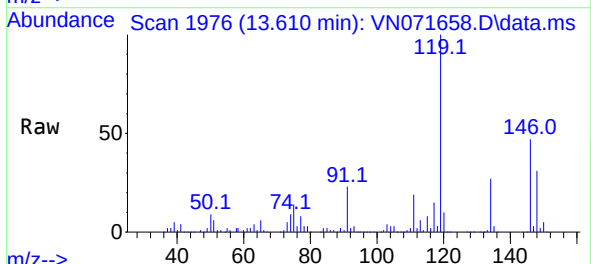
Tgt Ion:105 Resp: 49464
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.4 31.1

Manual Integrations
 APPROVED

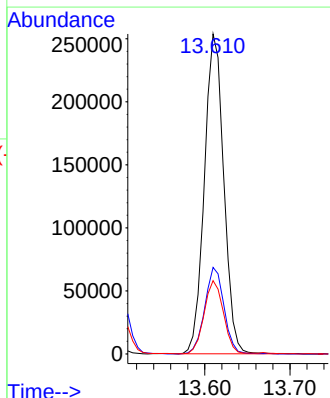
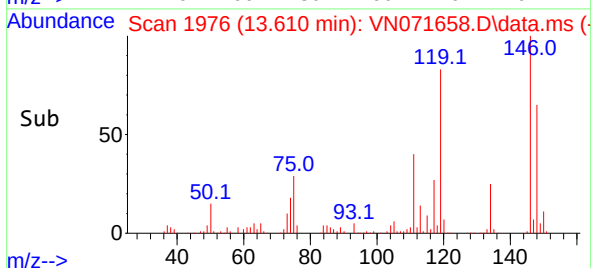
Reviewed By :John Carlone 03/31/2022
 Supervised By :Mahesh Dadoda 04/01/2022

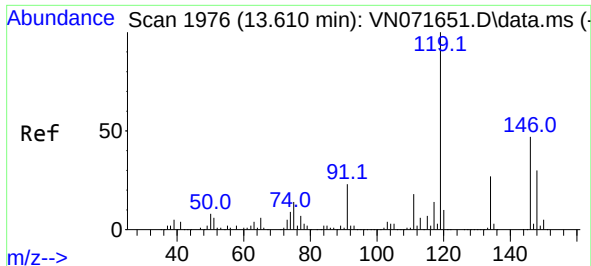


#86
 p-Isopropyltoluene
 Concen: 21.199 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071658.D
 Acq: 30 Mar 2022 14:56



Tgt Ion:119 Resp: 400828
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.3 39.8
 91 22.7 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 20.635 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VN071658.D

Acq: 30 Mar 2022 14:56

Instrument :

MSVOA_N

ClientSampleId :

VN0330WBSD01

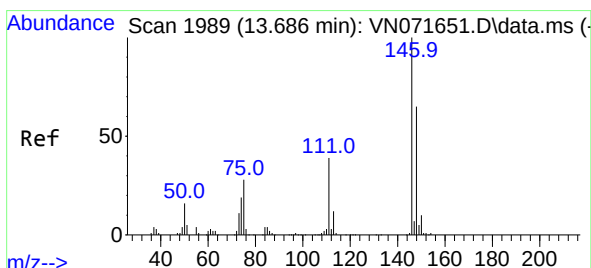
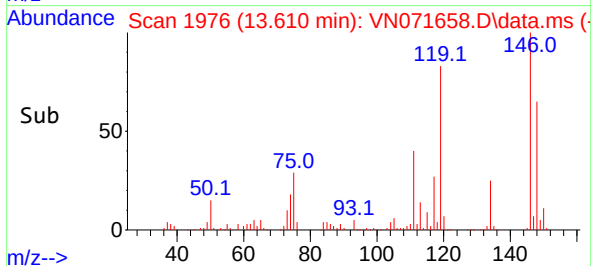
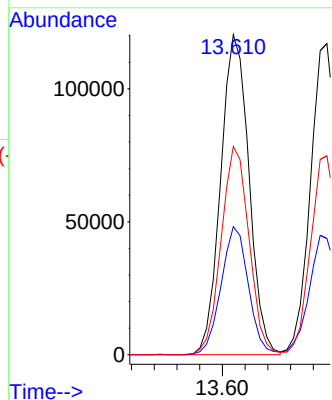
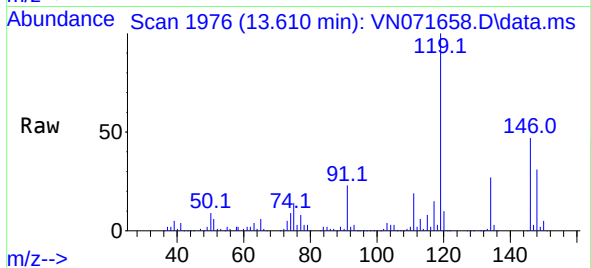
Tgt Ion:146 Resp: 20815
Ion Ratio Lower Upper
146 100
111 38.7 20.0 60.0
148 64.1 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 04/01/2022



#88

1,4-Dichlorobenzene

Concen: 20.558 ug/l

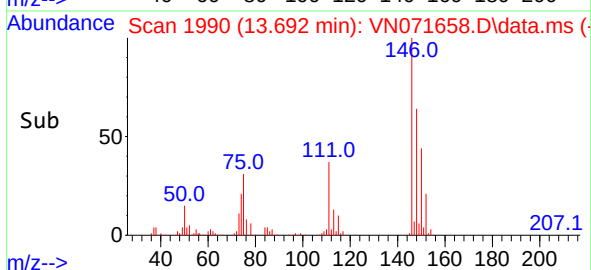
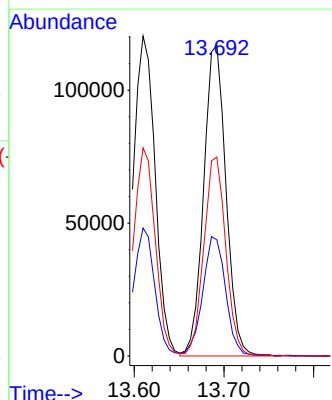
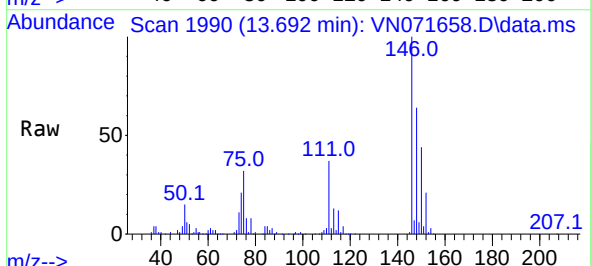
RT: 13.692 min Scan# 1990

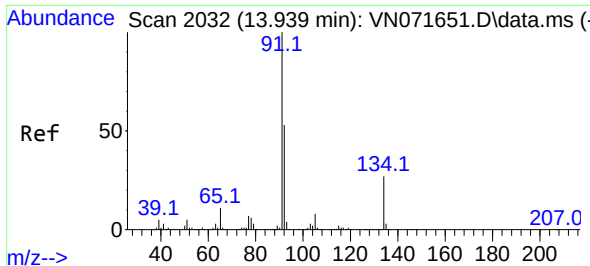
Delta R.T. 0.006 min

Lab File: VN071658.D

Acq: 30 Mar 2022 14:56

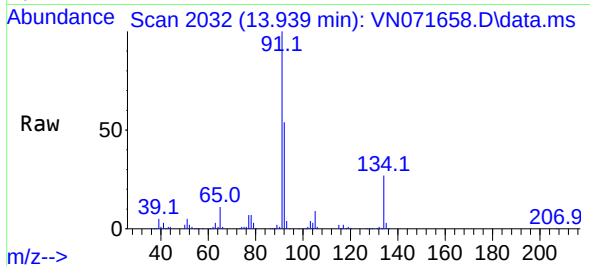
Tgt Ion:146 Resp: 202318
Ion Ratio Lower Upper
146 100
111 39.6 19.1 57.1
148 63.2 31.4 94.3





#89
n-Butylbenzene
Concen: 20.355 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56

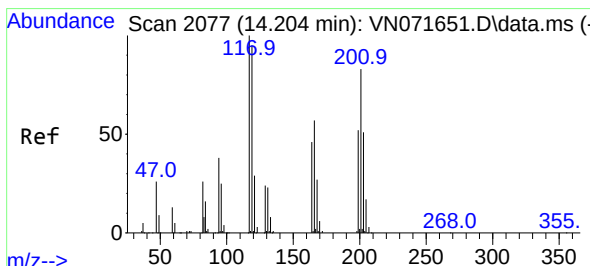
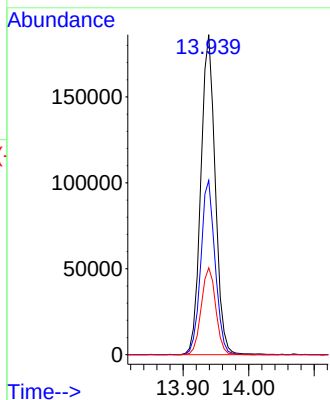
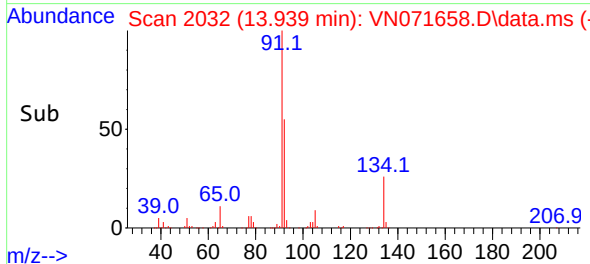
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBSD01



Tgt Ion: 91 Resp: 285458
Ion Ratio Lower Upper
91 100
92 54.1 26.9 80.7
134 27.2 13.6 40.8

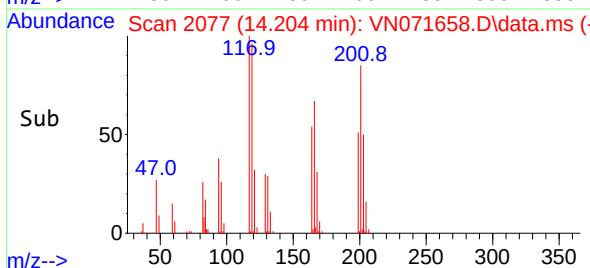
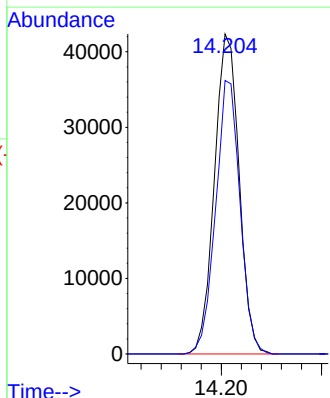
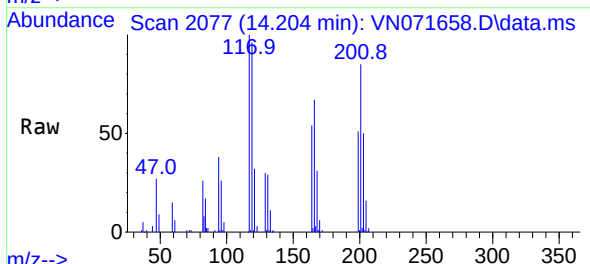
Manual Integrations
APPROVED

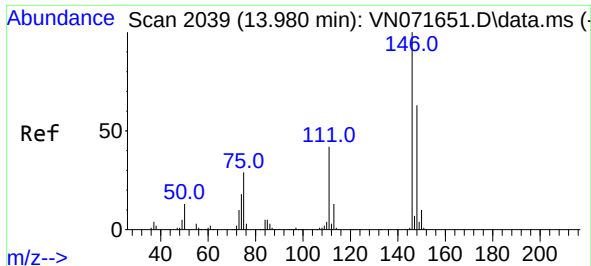
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#90
Hexachloroethane
Concen: 20.871 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56

Tgt Ion:117 Resp: 72239
Ion Ratio Lower Upper
117 100
201 84.7 40.6 122.0





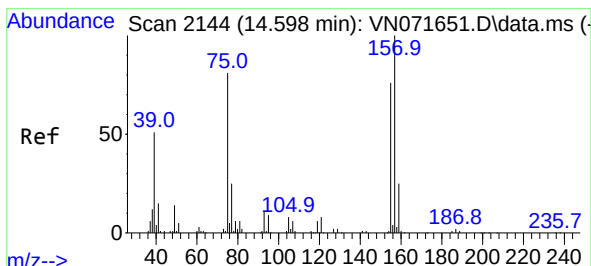
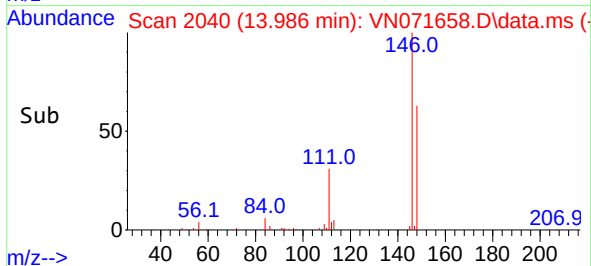
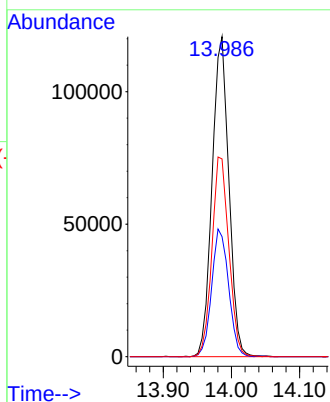
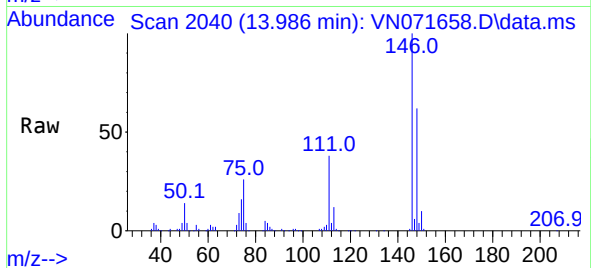
#91
1,2-Dichlorobenzene
Concen: 20.870 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56

Instrument :
MSVOA_N
ClientSampleId :
VN0330WBSD01

Tgt Ion:146 Resp: 206675
Ion Ratio Lower Upper
146 100
111 40.2 20.9 62.8
148 63.0 32.1 96.3

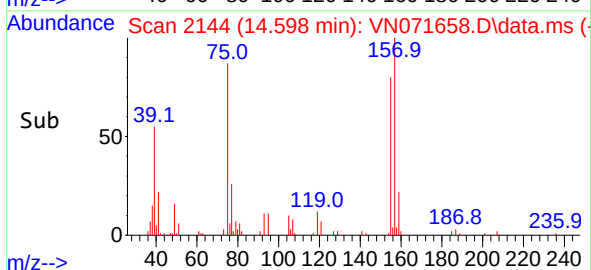
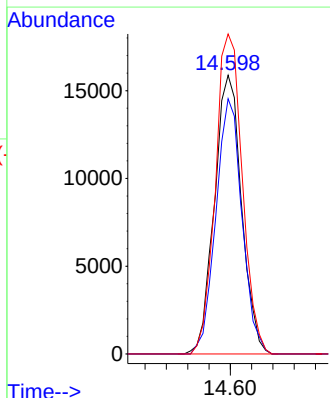
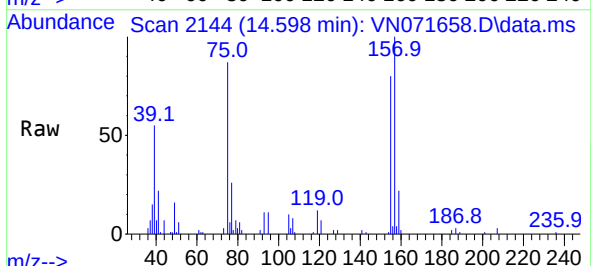
Manual Integrations
APPROVED

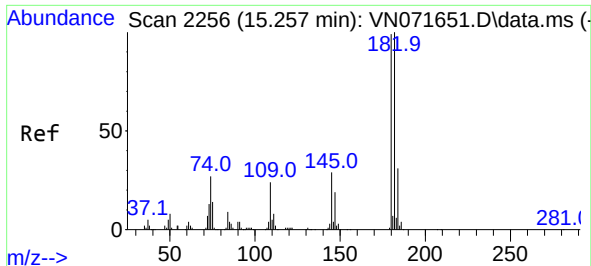
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.462 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56

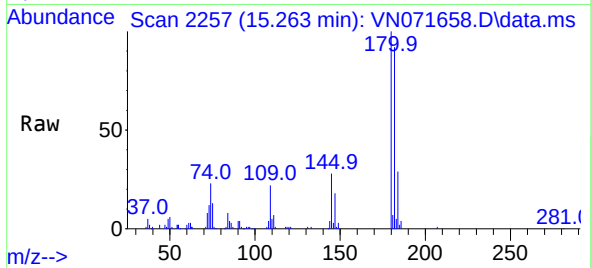
Tgt Ion: 75 Resp: 28055
Ion Ratio Lower Upper
75 100
155 88.2 44.9 134.5
157 114.1 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 20.461 ug/l
RT: 15.263 min Scan# 211
Delta R.T. 0.006 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56

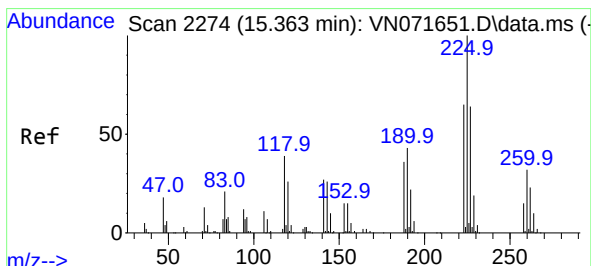
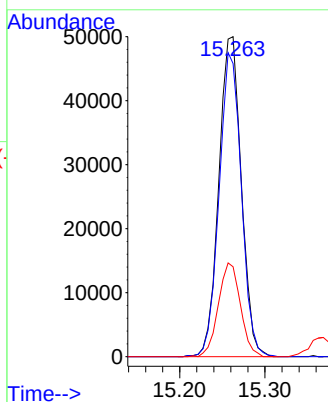
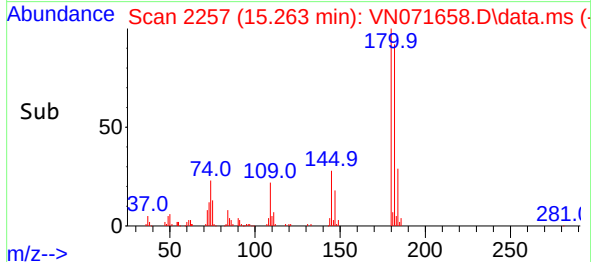
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBSD01



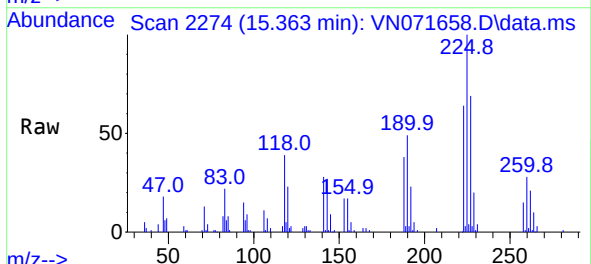
Tgt Ion:180 Resp: 91469
Ion Ratio Lower Upper
180 100
182 93.8 47.5 142.5
145 28.8 14.5 43.5

Manual Integrations
APPROVED

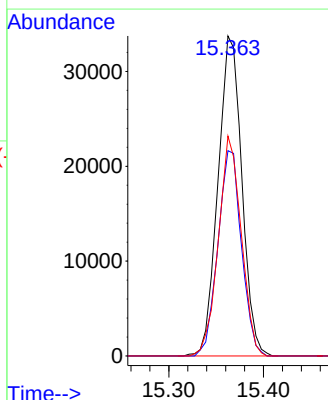
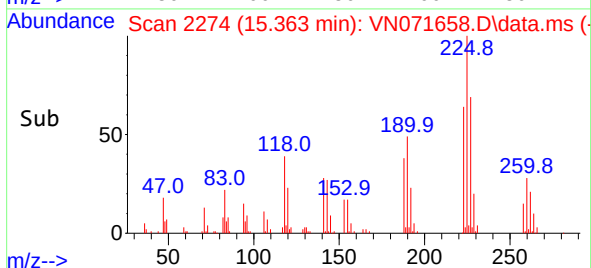
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

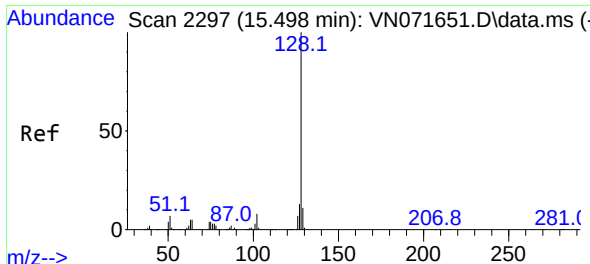


#94
Hexachlorobutadiene
Concen: 20.189 ug/l
RT: 15.363 min Scan# 2274
Delta R.T. -0.000 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56



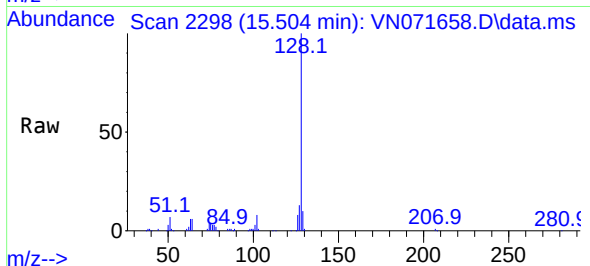
Tgt Ion:225 Resp: 58965
Ion Ratio Lower Upper
225 100
223 63.3 32.4 97.2
227 65.8 31.8 95.4





#95
Naphthalene
Concen: 18.992 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56

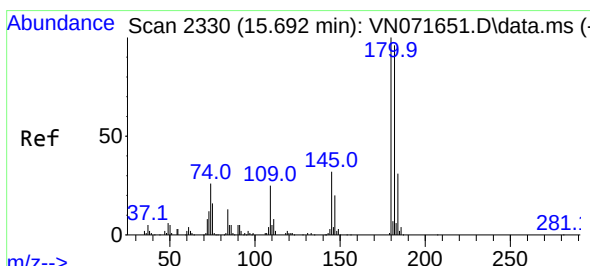
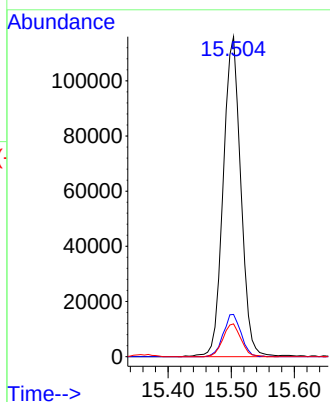
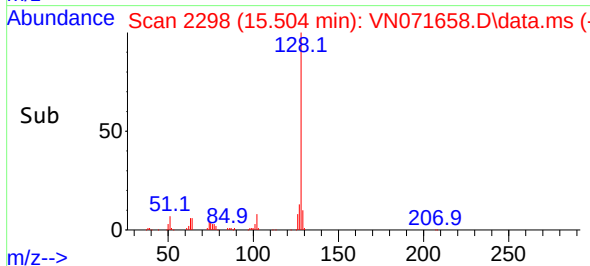
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBSD01



Tgt Ion:128 Resp: 224380
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 10.5 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#96
1,2,3-Trichlorobenzene
Concen: 20.784 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN071658.D
Acq: 30 Mar 2022 14:56

Tgt Ion:180 Resp: 89193
Ion Ratio Lower Upper
180 100
182 93.3 47.8 143.3
145 29.6 15.5 46.5

